



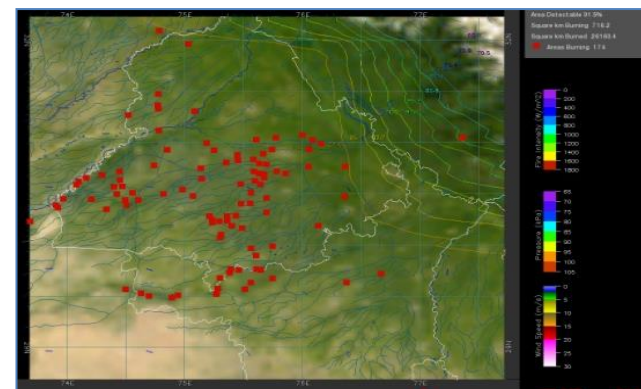
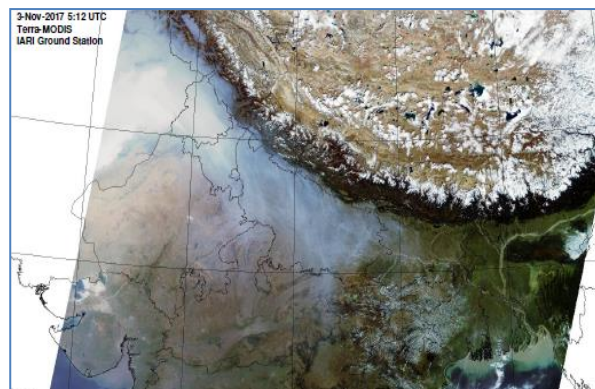
Bulletin No. 07

Events Date:
07-Apr-2022

Issued on:
08-Apr-2022



MONITORING WHEAT RESIDUE BURNING IN INDIA USING SATELLITE REMOTE SENSING DURING 2021



Prepared by:

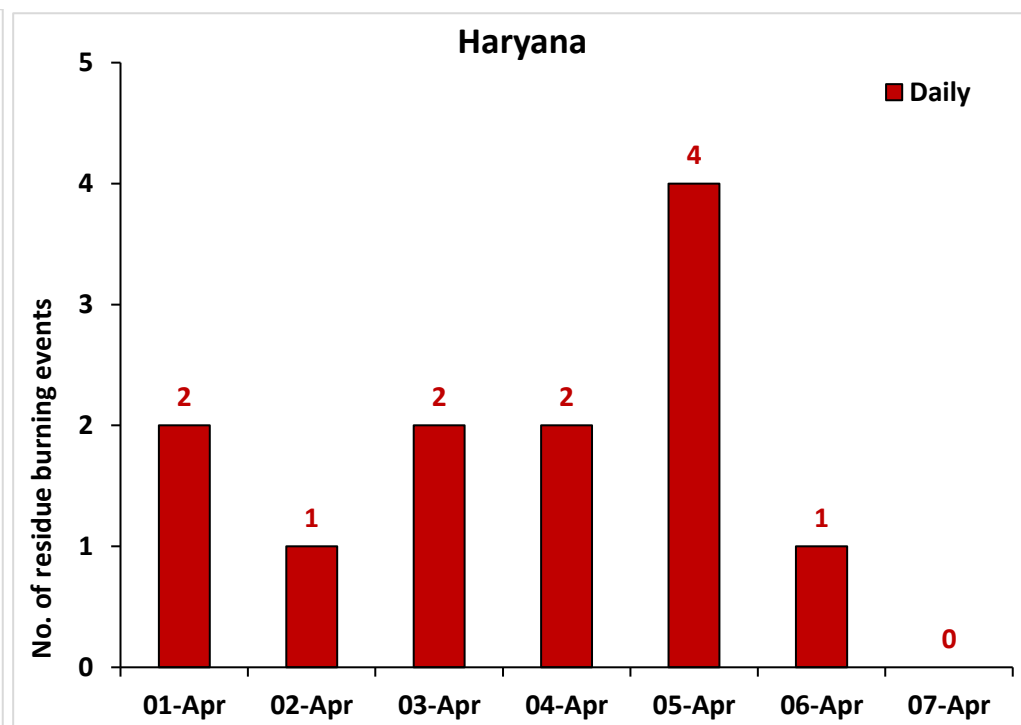
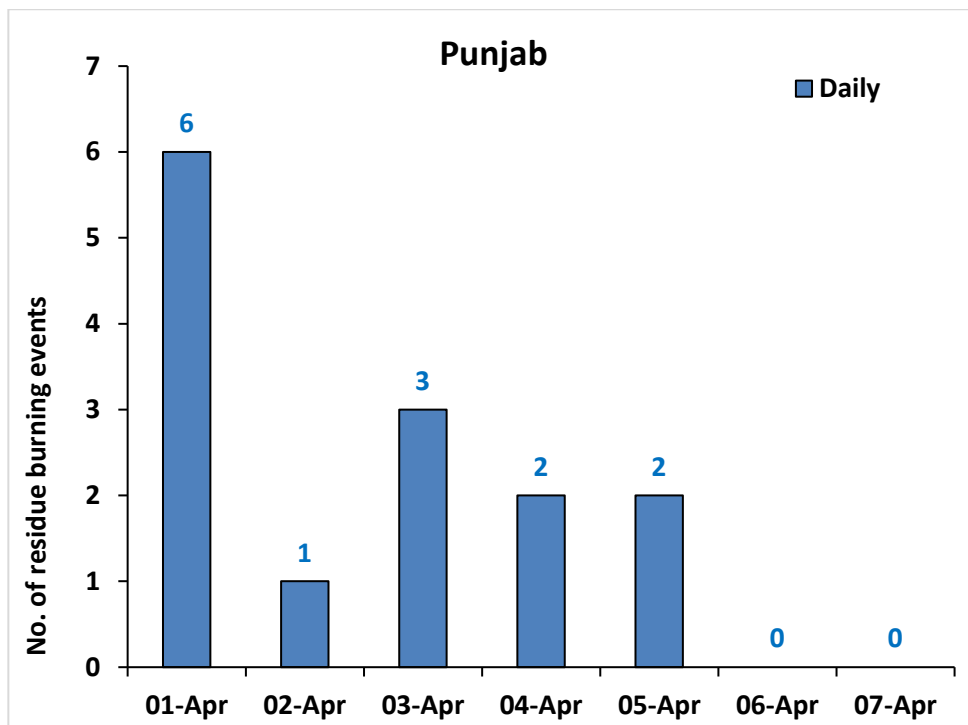
Consortium for Research on Agroecosystem Monitoring and Modeling from Space (CREAMS) Laboratory,
Division of Agricultural Physics, ICAR – Indian Agricultural Research Institute, New Delhi – 110012

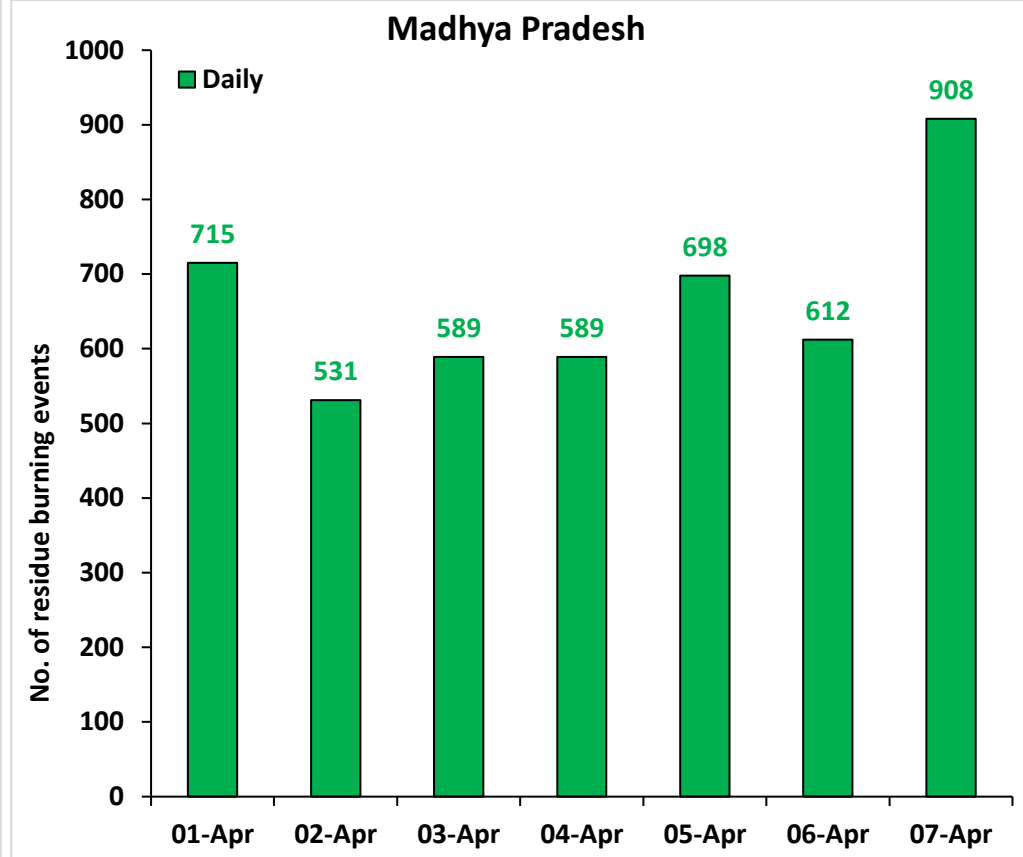
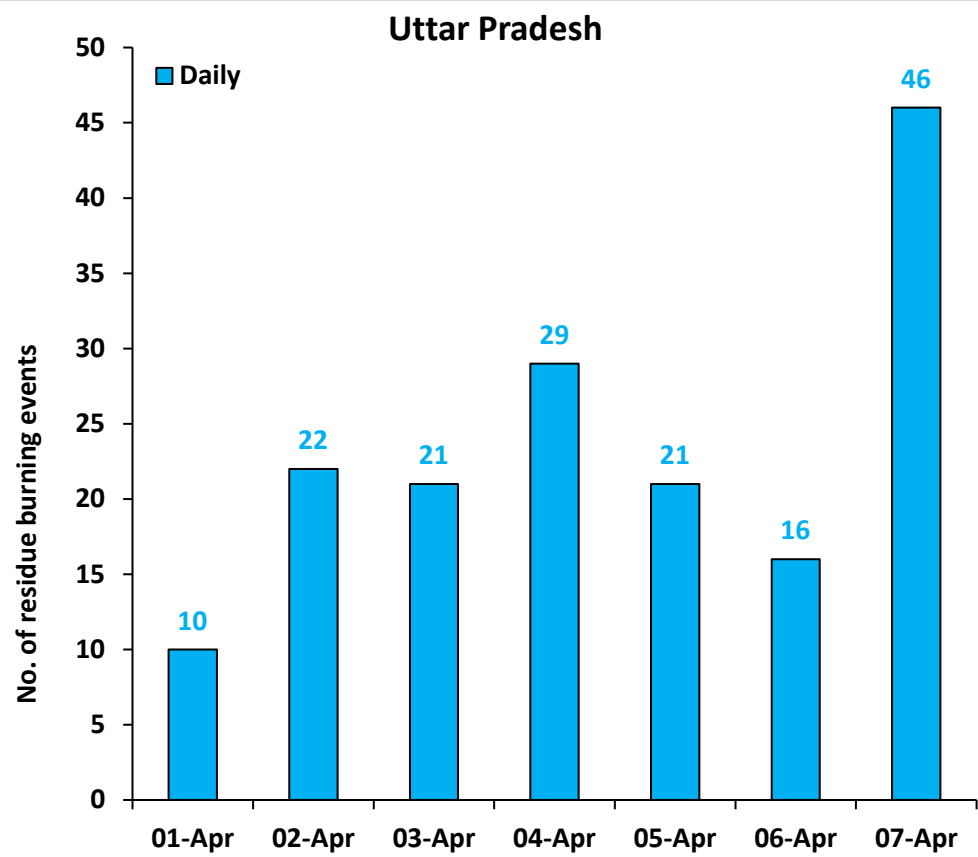
<http://creams.iari.res.in>

Highlights for 07-April-2022

- The active fire events due to wheat residue burning were monitored using satellite remote sensing, following the new "Standard Protocol for Estimation of Crop Residue Burning Fire Events using Satellite Data".
- Satellites detected **954** residue burning events in the five study States on 07-Apr-2022.
- The state wise events detected on 07-Apr-2021 were **00** in Punjab, **00** in Haryana, **00** in Delhi, 46 in Uttar Pradesh and **908** in Madhya Pradesh.
- The number of events has increased from **629** on 06-Apr-2022 to **954** on 07-Nov-2022 in the six study states.
- Total **4833** burning events were detected in the five states between 01-Apr-2022 and 07-Apr-2022, which are distributed as **14, 12, 165, 00, and 4642** in Punjab, Haryana, UP, Delhi, and MP, respectively.

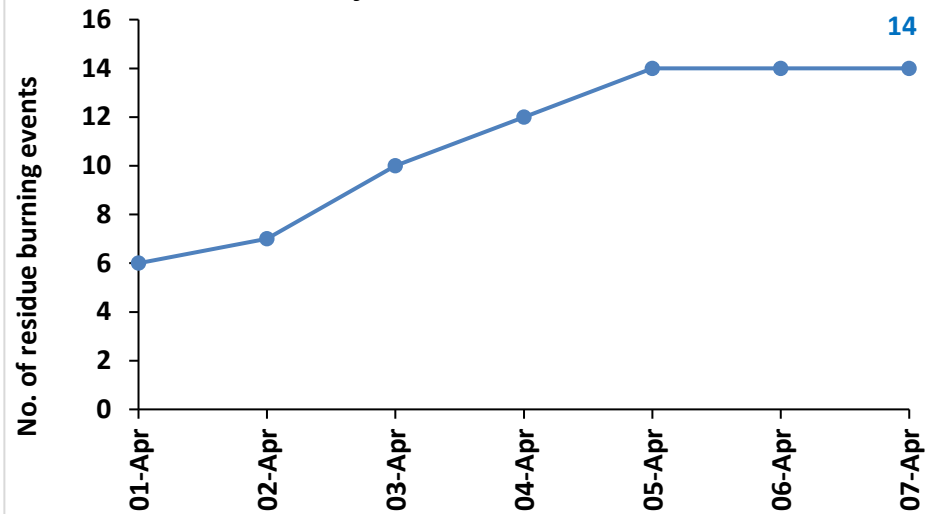
Temporal distribution of wheat residue burning events for the study States in 2022



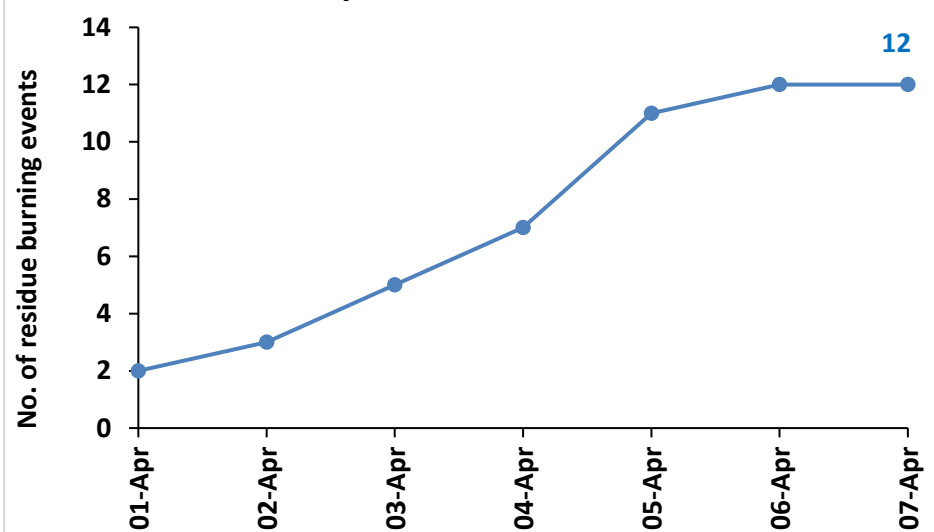


Cumulative Wheat Residue burning events in current year (2022) for the study States

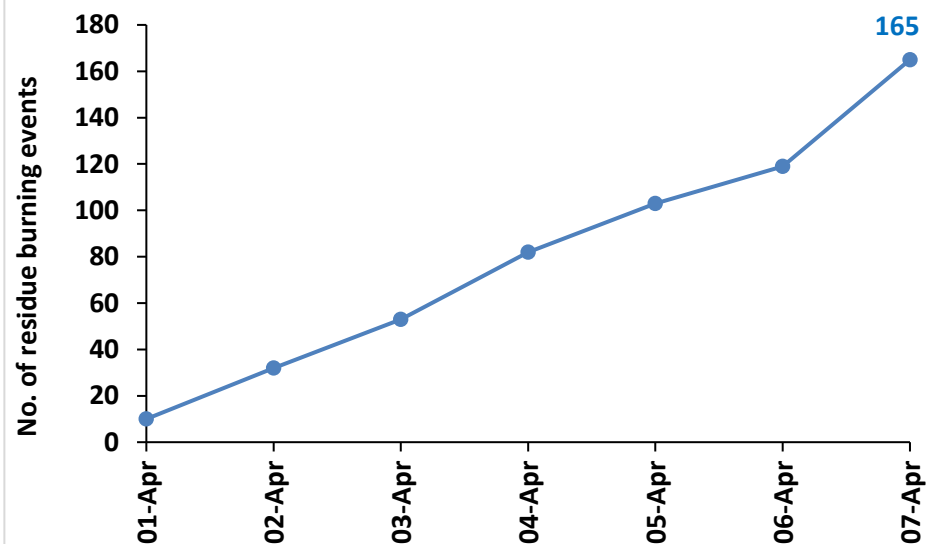
Punjab Cumulative-2022



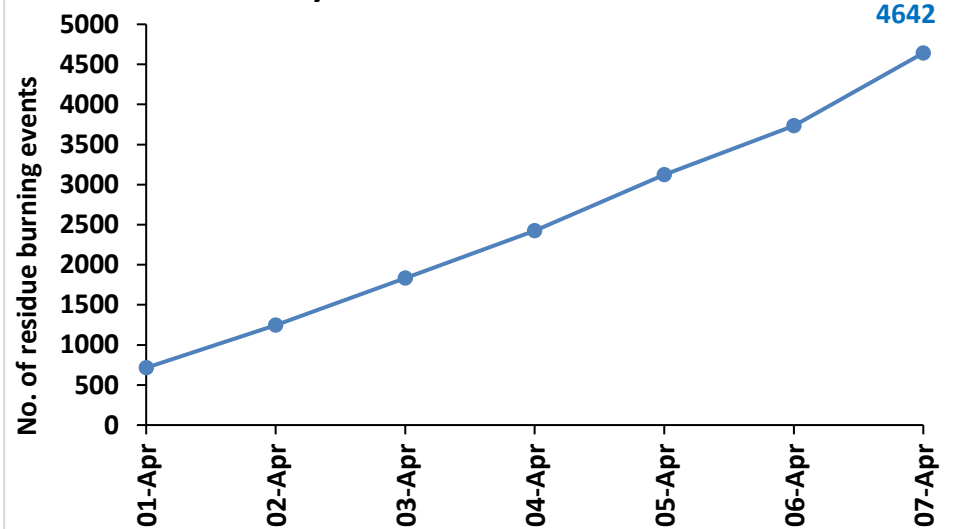
Haryana Cumulative-2022



Uttar Pradesh Cumulative-2022

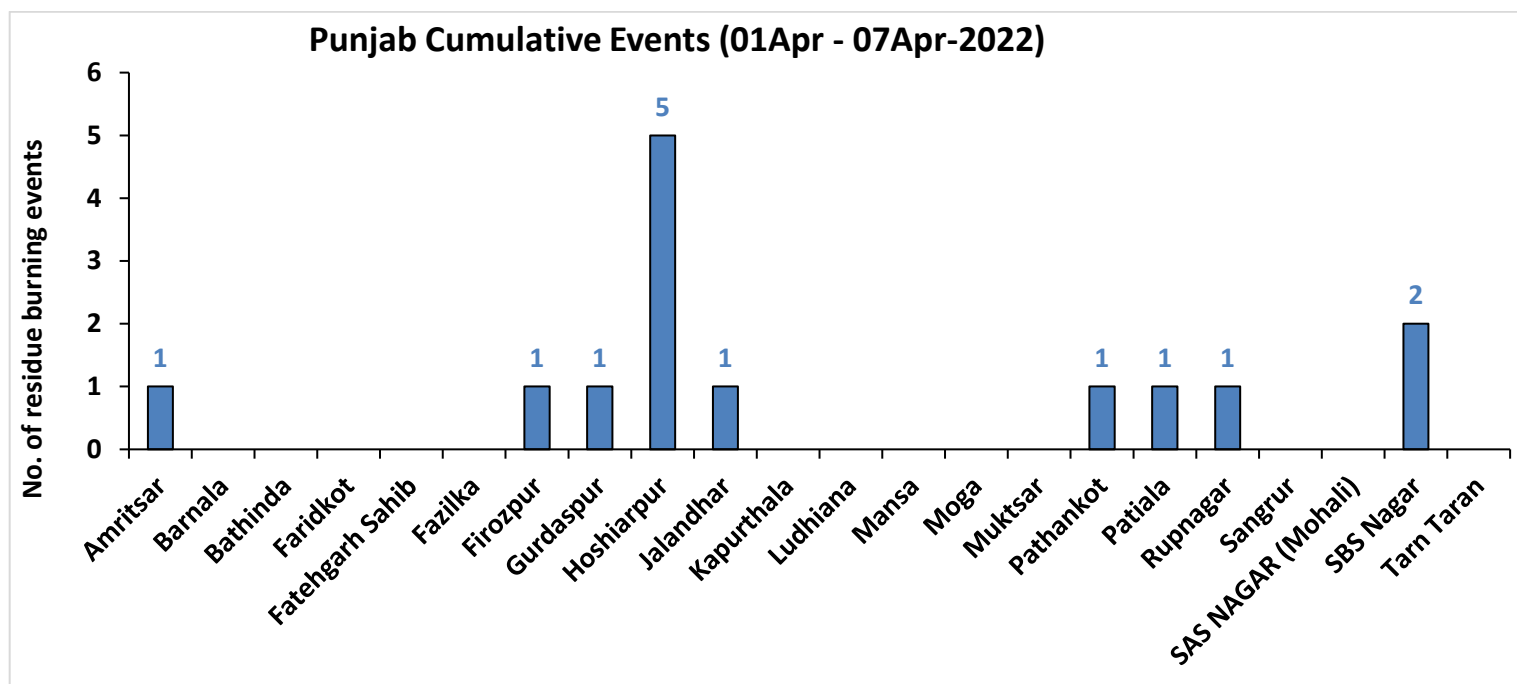


Madhya Pradesh Cumulative-2022



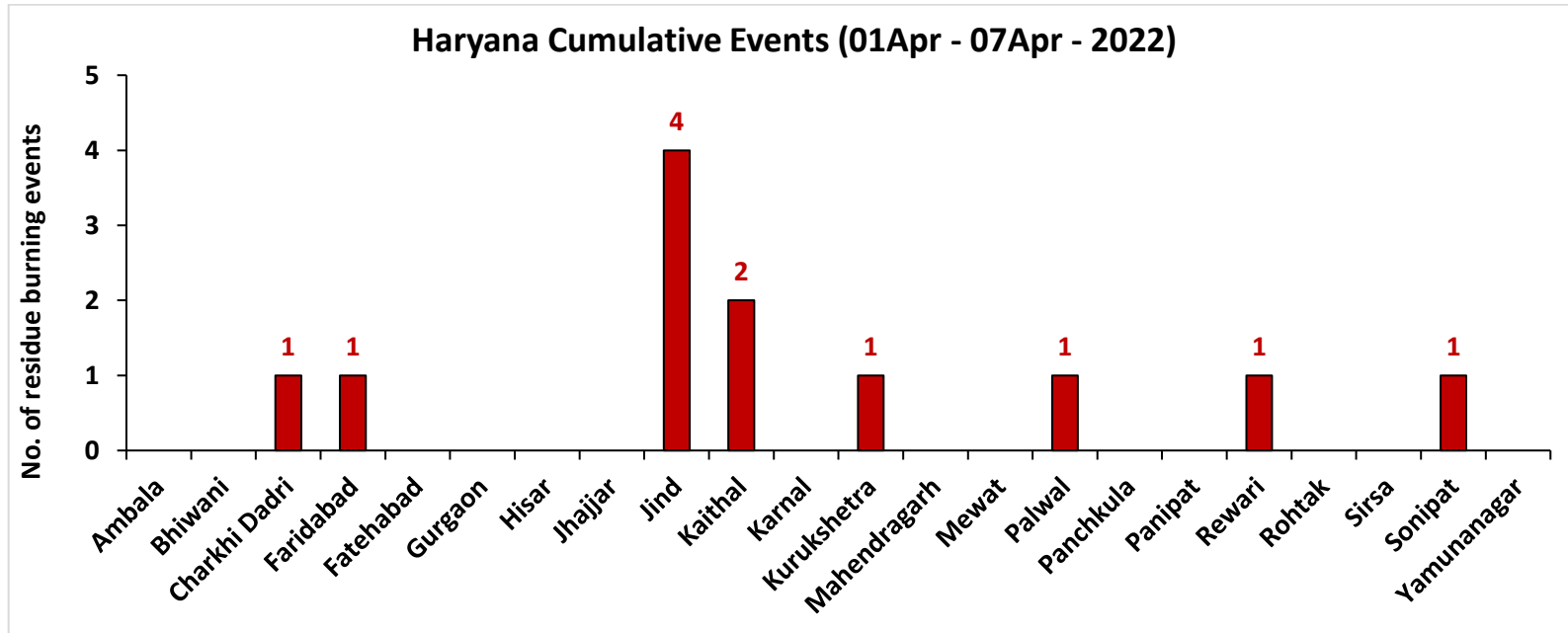
Punjab

District-wise cumulative number of wheat residue burning events in Punjab (01 Apr-07 Apr-2022)



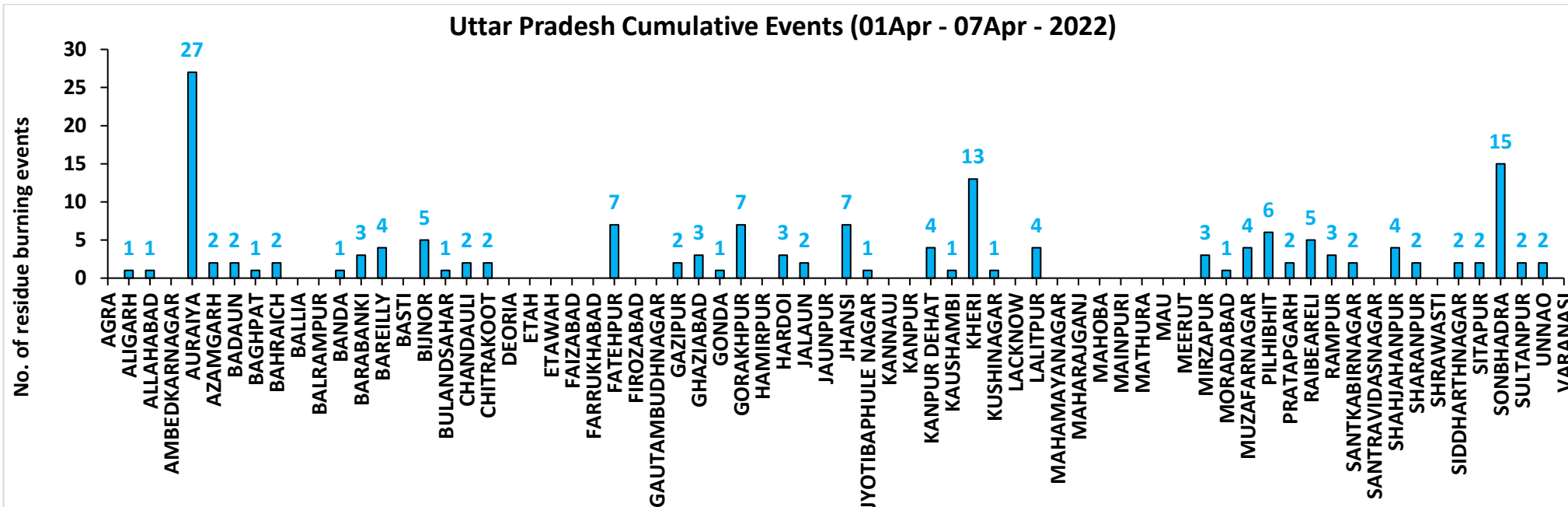
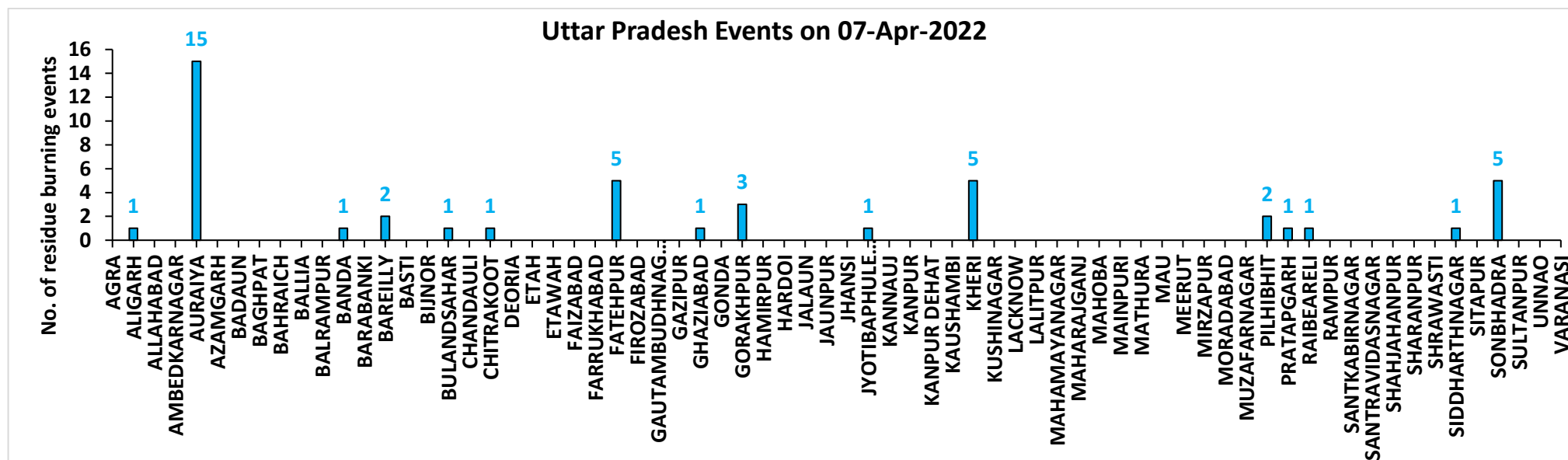
Haryana

District-wise cumulative number of residue burning events in Haryana (01 Apr-07 Apr-2022)



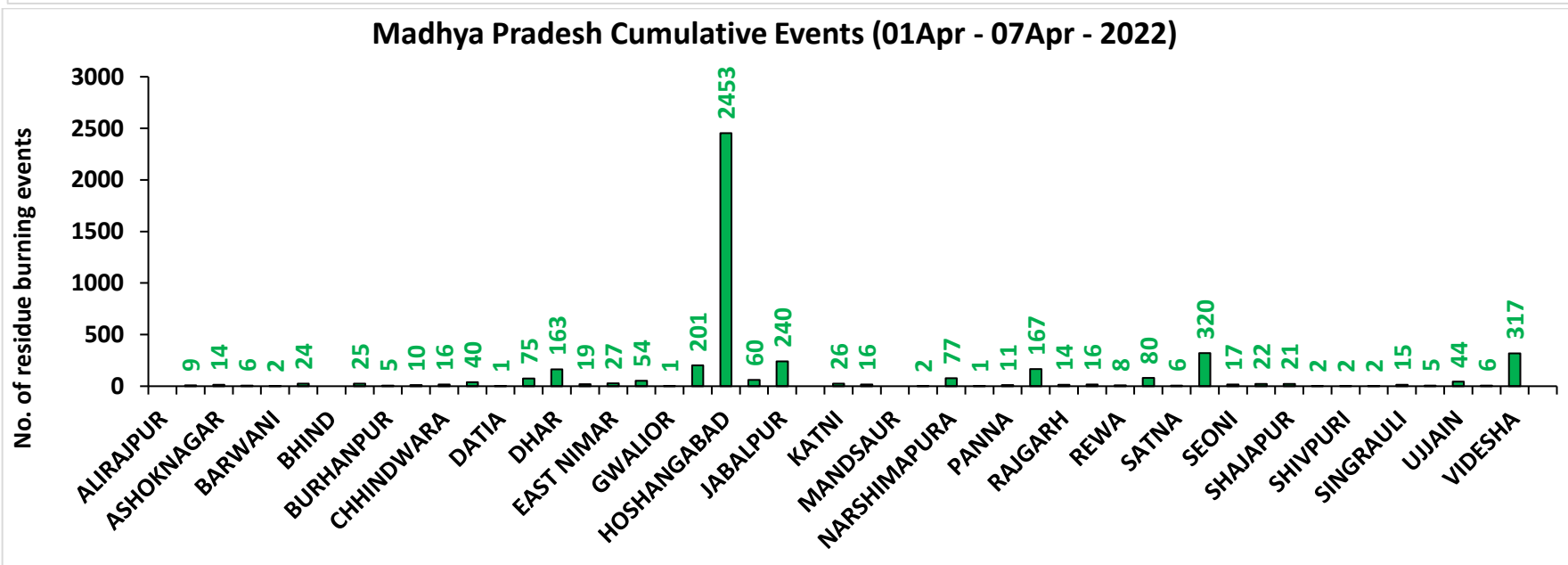
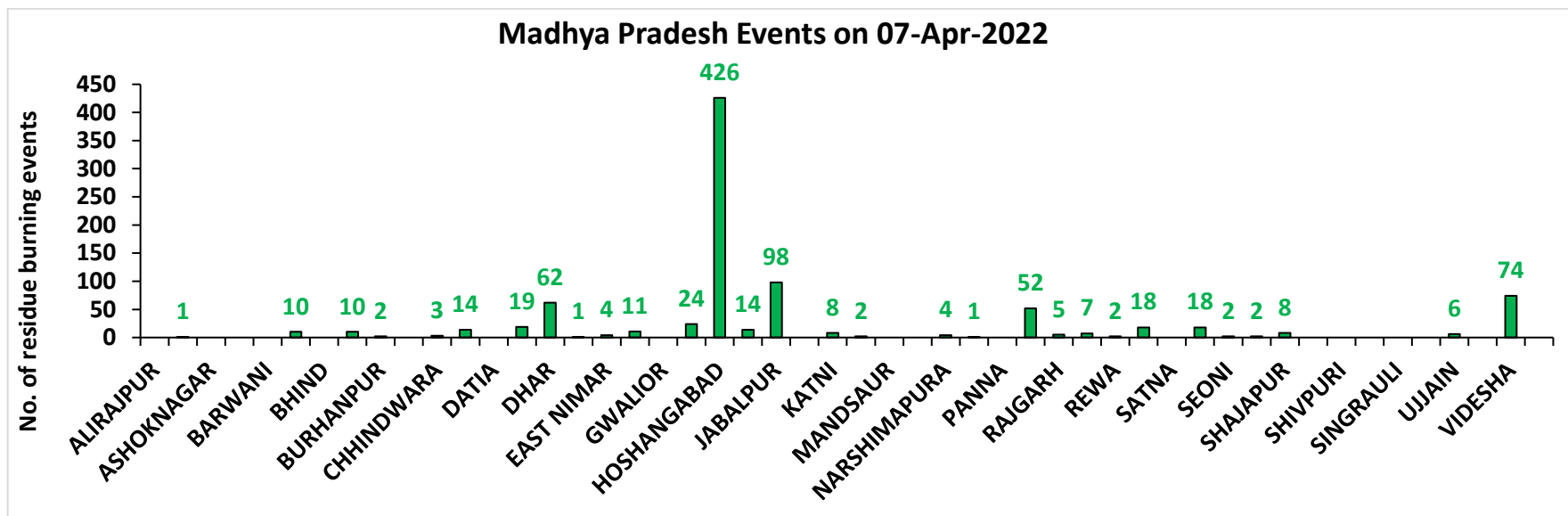
Uttar Pradesh

District-wise cumulative number of wheat residue burning events in Uttar Pradesh (01 Apr-07 Apr-2022)



Madhya Pradesh

District-wise cumulative number of wheat residue burning events in Madhya Pradesh (01 Apr-07 Apr-2022)



District-wise cumulative number of wheat residue burning events detected in 2022

(Period: 01 April – 07 April)

(a) Punjab

District	01Apr-07 Apr 2022
Amritsar	1
Barnala	0
Bathinda	0
Faridkot	0
Fatehgarh Sahib	0
Fazilka	0
Firozpur	1
Gurdaspur	1
Hoshiarpur	5
Jalandhar	1
Kapurthala	0
Ludhiana	0
Mansa	0
Moga	0
Muktsar	0
Pathankot	1
Patiala	1
Rupnagar	1
Sangrur	0
SAS NAGAR (Mohali)	0
SBS Nagar	2
Tarn Taran	0
Total	14

(b) Haryana

District	01Apr-07 Apr 2022
Ambala	0
Bhiwani	0
Charkhi Dadri	1
Faridabad	1
Fatehabad	0
Gurgaon	0
Hisar	0
Jhajjar	0
Jind	4
Kaithal	2
Karnal	0
Kurukshetra	1
Mahendragarh	0
Mewat	0
Palwal	1
Panchkula	0
Panipat	0
Rewari	1
Rohtak	0
Sirsa	0
Sonipat	1
Yamunanagar	0
Total	12

(c) Uttar Pradesh

District	01Apr-07 Apr				
	2022	GAUTAMBUDHNAGAR	0	MUZAFARNAGAR	4
		GAZIPUR	2	PILHIBHIT	6
AGRA	0	GHAZIABAD	3	PRATAPGARH	2
ALIGARH	1	GONDA	1	RAIBEARELI	5
ALLAHABAD	1	GORAKHPUR	7	RAMPUR	3
AMBEDKARNAGAR	0	HAMIRPUR	0	SANTKABIRNAGAR	2
AURAIYA	27	HARDOI	3	SANTRAVIDASNAGAR	0
AZAMGARH	2	JALAUN	2	SHAHJAHANPUR	4
BADAUN	2	JAUNPUR	0	SHARANPUR	2
BAGHPAT	1	JHANSI	7	SHRAWASTI	0
BAHRAICH	2	JYOTIBAPHULE NAGAR	1	SIDDHARTH NAGAR	2
BALLIA	0	KANNAUJ	0	SITAPUR	2
BALRAMPUR	0	KANPUR	0	SONBHADRA	15
BANDA	1	KANPUR DEHAT	4	SULTANPUR	2
BARABANKI	3	KAUSHAMBI	1	UNNAO	2
BAREILLY	4	KHERI	13	VARANASI	0
BASTI	0	KUSHINAGAR	1	Total	165
BIJNOR	5	LACKNOW	0		
BULANDSAHAR	1	LALITPUR	4		
CHANDAULI	2	MAHAMAYANAGAR	0		
CHITRAKOOT	2	MAHARAJGANJ	0		
DEORIA	0	MAHOBA	0		
ETAH	0	MAINPURI	0		
ETAWAH	0	MATHURA	0		
FAIZABAD	0	MAU	0		
FARRUKHABAD	0	MEERUT	0		
FATEHPUR	7	MIRZAPUR	3		
FIROZABAD	0	MORADABAD	1		

(f) Madhya Pradesh

District	01Apr-07 Apr		
	Year 2022	PANNA	
ALIRAJPUR	0	RAISEN	167
ANUPPUR	9	RAJGARH	14
ASHOKNAGAR	14	RATLAM	16
BALAGHAT	6	REWA	8
BARWANI	2	SAGAR	80
BETUL	24	SATNA	6
BHIND	0	SEHORE	320
BHOPAL	25	SEONI	17
BURHANPUR	5	SHAHDOL	22
CHHATARPUR	10	SHAJAPUR	21
CHHINDWARA	16	SHEOPUR	2
DAMOH	40	SHIVPURI	2
DATIA	1	SIDHI	2
DEWAS	75	SINGRAULI	15
DHAR	163	TIKAMGARH	5
DINDORI	19	UJJAIN	44
EAST NIMAR	27	UMARIA	6
GUNA	54	VIDESHA	317
GWALIOR	1	WEST NIMAR	0
HARDA	201	Total	4642
HOSHANGABAD	2453		
INDORE	60		
JABALPUR	240		
JHABUA	0		
KATNI	26		
MANDLA	16		
MANDSAUR	0		
MORENA	2		
NARSHIMAPURA	77		
NIMACH	1		

Details of wheat residue burning events in Uttar Pradesh on 07-Apr-2022

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_DATE	ACQ_TIME	Day / Night	Fire Power (W/m ²)
1	ALIGARH	KHAIR	npp	27.95620	77.60650	4/7/2022	14:00:01	D	4.50
2	AURAIYA	BIDHUNA	npp	26.63840	79.47920	4/7/2022	14:00:01	D	9.90
3	AURAIYA	BIDHUNA	npp	26.63860	79.48440	4/7/2022	02:50:01	N	4.50
4	AURAIYA	BIDHUNA	npp	26.63990	79.47250	4/7/2022	12:20:26	D	6.10
5	AURAIYA	BIDHUNA	npp	26.64000	79.47890	4/7/2022	02:50:01	N	4.50
6	AURAIYA	BIDHUNA	npp	26.64040	79.47720	4/7/2022	01:10:26	N	5.50
7	AURAIYA	BIDHUNA	npp	26.64080	79.47220	4/7/2022	01:10:26	N	4.20
8	AURAIYA	BIDHUNA	npp	26.64160	79.48570	4/7/2022	02:50:01	N	15.30
9	AURAIYA	BIDHUNA	npp	26.64170	79.47900	4/7/2022	12:20:26	D	6.10
10	AURAIYA	BIDHUNA	npp	26.64300	79.48020	4/7/2022	02:50:01	N	20.20
11	AURAIYA	BIDHUNA	npp	26.64360	79.47270	4/7/2022	12:20:26	D	11.30
12	AURAIYA	BIDHUNA	npp	26.64400	79.47870	4/7/2022	14:00:01	D	16.30
13	AURAIYA	BIDHUNA	npp	26.64480	79.48640	4/7/2022	02:50:01	N	10.60
14	AURAIYA	BIDHUNA	npp	26.64540	79.47920	4/7/2022	12:20:26	D	11.80
15	AURAIYA	BIDHUNA	npp	26.64620	79.48090	4/7/2022	02:50:01	N	10.60
16	AURAIYA	BIDHUNA	Terra	26.63800	79.48300	4/7/2022	10:40:32	D	16.10
17	BANDA	BABERU	npp	25.47820	80.87510	4/7/2022	14:00:01	D	5.40
18	BAREILLY	AONLA	npp	28.22910	79.24560	4/7/2022	02:50:01	N	1.20
19	BAREILLY	AONLA	npp	28.23090	79.24210	4/7/2022	01:10:26	N	3.20
20	BULANDSAHAR	ANUP SHAHR	npp	28.40130	78.27680	4/7/2022	14:00:01	D	7.20
21	CHITRAKOOT	KARWI	npp	25.01750	81.22600	4/7/2022	12:20:26	D	7.30
22	FATEHPUR	BINKI	npp	26.08280	80.76420	4/7/2022	12:20:26	D	4.40
23	FATEHPUR	BINKI	npp	26.09240	80.58100	4/7/2022	12:20:26	D	2.00
24	FATEHPUR	FATEHPUR	npp	25.98860	80.82390	4/7/2022	12:20:26	D	8.50
25	FATEHPUR	FATEHPUR	npp	25.99040	80.82290	4/7/2022	12:20:26	D	9.60
26	FATEHPUR	KHAGA	npp	25.53830	81.11560	4/7/2022	14:00:01	D	6.40
27	GHAZIABAD	GHAZIABAD	npp	28.71790	77.57670	4/7/2022	02:50:01	N	0.50
28	GORAKHPUR	GORAKHPUR	npp	26.80290	83.30110	4/7/2022	14:00:01	D	8.90
29	GORAKHPUR	GORAKHPUR	npp	26.80330	83.30840	4/7/2022	14:00:01	D	8.90

30	GORAKHPUR	GORAKHPUR	npp	26.80770	83.30580	4/7/2022	14:00:01	D	13.00
31	JYOTIBAPHULE NAGAR	DHANAURA	npp	29.07710	78.07980	4/7/2022	14:00:01	D	3.30
32	KHERI	LAKHIMPUR	Terra	27.89900	80.98600	4/7/2022	10:40:32	D	7.40
33	KHERI	NIGHASAN	npp	28.25880	80.82640	4/7/2022	12:20:26	D	2.40
34	KHERI	NIGHASAN	npp	28.29110	80.74710	4/7/2022	12:20:26	D	3.80
35	KHERI	NIGHASAN	Terra	28.30400	80.98300	4/7/2022	10:40:32	D	9.50
36	KHERI	PALIA KALAN	Terra	28.41800	80.53600	4/7/2022	10:40:32	D	8.90
37	PILHIBHIT	PURANPUR	npp	28.41690	80.24580	4/7/2022	14:00:01	D	2.60
38	PILHIBHIT	PURANPUR	npp	28.42040	80.24370	4/7/2022	14:00:01	D	3.00
39	PRATAPGARH	PRATAPGARH	Terra	25.98200	81.84500	4/7/2022	10:40:32	D	7.00
40	RAIBEARELI	LALGANJ	npp	26.08040	80.77170	4/7/2022	14:00:01	D	4.00
41	SIDDHARTHANAGAR	ITWA	Terra	27.39600	82.58000	4/7/2022	10:40:32	D	12.10
42	SONBHADRA	DUDHI	npp	23.90770	83.00250	4/7/2022	12:20:26	D	2.60
43	SONBHADRA	DUDHI	npp	23.95560	83.21570	4/7/2022	14:00:01	D	8.30
44	SONBHADRA	DUDHI	npp	24.16360	83.13390	4/7/2022	12:20:26	D	3.20
45	SONBHADRA	REBUTSHGANJ	npp	24.69230	83.47660	4/7/2022	14:00:01	D	7.70
46	SONBHADRA	REBUTSHGANJ	Terra	24.56300	82.87400	4/7/2022	10:40:32	D	15.30

Details of wheat residue burning events in Madhya Pradesh on 07-Apr-2022

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_DATE	ACQ_TIME	Day / Night	Fire Power (W/m2)
1	ANUPPUR	PUSHPRAJGARH	npp	22.90920	81.54620	4/7/2022	01:10:26	N	1.40
2	BETUL	BETUL	npp	21.89380	78.02160	4/7/2022	02:50:01	N	1.90
3	BETUL	BETUL	npp	21.89400	78.02180	4/7/2022	02:50:01	N	2.00
4	BETUL	BETUL	npp	22.09310	78.06940	4/7/2022	01:10:26	N	1.00
5	BETUL	BETUL	npp	22.09610	78.07360	4/7/2022	01:10:26	N	0.50
6	BETUL	BETUL	npp	22.09650	78.06830	4/7/2022	01:10:26	N	0.50
7	BETUL	BETUL	Terra	21.76700	77.97500	4/7/2022	10:40:32	D	11.80
8	BETUL	BHAINSDEHI	npp	21.59080	77.77510	4/7/2022	14:00:01	D	18.40
9	BETUL	BHAINSDEHI	npp	21.59550	77.77460	4/7/2022	14:00:01	D	18.40
10	BETUL	MULTAI	npp	21.64010	78.38910	4/7/2022	01:10:26	N	1.10
11	BETUL	MULTAI	npp	21.64020	78.38990	4/7/2022	01:10:26	N	1.60
12	BHOPAL	BERASIYA	npp	23.48170	77.36040	4/7/2022	01:10:26	N	1.10
13	BHOPAL	BERASIYA	npp	23.58130	77.33460	4/7/2022	01:10:26	N	1.10
14	BHOPAL	BERASIYA	npp	23.58540	77.33560	4/7/2022	01:10:26	N	1.50
15	BHOPAL	BERASIYA	npp	23.68500	77.39920	4/7/2022	01:10:26	N	0.60
16	BHOPAL	BERASIYA	npp	23.68790	77.40050	4/7/2022	01:10:26	N	1.00
17	BHOPAL	BERASIYA	npp	23.69170	77.39980	4/7/2022	01:10:26	N	0.60
18	BHOPAL	BERASIYA	npp	23.77610	77.40920	4/7/2022	02:50:01	N	0.60
19	BHOPAL	BERASIYA	npp	23.81130	77.27190	4/7/2022	01:10:26	N	0.50
20	BHOPAL	BERASIYA	npp	23.81460	77.27180	4/7/2022	01:10:26	N	0.70
21	BHOPAL	HUZUR	npp	23.40630	77.48270	4/7/2022	01:10:26	N	1.60
22	BURHANPUR	KHAKNAR	npp	21.27460	76.46420	4/7/2022	14:00:01	D	9.20
23	BURHANPUR	KHAKNAR	npp	21.27520	76.46890	4/7/2022	14:00:01	D	9.20
24	CHHINDWARA	BICHHUA	npp	21.85850	79.19470	4/7/2022	01:10:26	N	2.10
25	CHHINDWARA	CHAURAI	npp	22.01580	79.16000	4/7/2022	02:50:01	N	2.30
26	CHHINDWARA	CHAURAI	npp	22.01580	79.16290	4/7/2022	02:50:01	N	2.40
27	DAMOH	BATIAGARH	npp	24.05950	79.37910	4/7/2022	01:10:26	N	1.70
28	DAMOH	BATIAGARH	npp	24.06150	79.38230	4/7/2022	01:10:26	N	1.40
29	DAMOH	BATIAGARH	npp	24.06190	79.37760	4/7/2022	01:10:26	N	2.00

30	DAMOH	DAMOH	npp	23.83850	79.59270	4/7/2022	01:10:26	N	0.70
31	DAMOH	DAMOH	npp	23.83910	79.59320	4/7/2022	01:10:26	N	0.70
32	DAMOH	DAMOH	npp	23.84430	79.59340	4/7/2022	01:10:26	N	0.70
33	DAMOH	DAMOH	npp	23.84490	79.59390	4/7/2022	01:10:26	N	0.70
34	DAMOH	HATTA	npp	24.19100	79.64280	4/7/2022	01:10:26	N	0.40
35	DAMOH	HATTA	npp	24.21660	79.61810	4/7/2022	01:10:26	N	0.60
36	DAMOH	HATTA	npp	24.21700	79.61360	4/7/2022	01:10:26	N	0.60
37	DAMOH	JABERA	npp	23.51890	79.85250	4/7/2022	01:10:26	N	1.00
38	DAMOH	JABERA	npp	23.61720	79.80090	4/7/2022	01:10:26	N	1.60
39	DAMOH	PATERA	npp	23.83210	79.80590	4/7/2022	01:10:26	N	0.60
40	DAMOH	PATERA	npp	23.83290	79.80570	4/7/2022	01:10:26	N	0.70
41	DEWAS	BAGLI	npp	22.81350	76.49950	4/7/2022	14:00:01	D	12.40
42	DEWAS	DEWAS	npp	22.84950	76.14620	4/7/2022	02:50:01	N	0.60
43	DEWAS	DEWAS	npp	22.89870	76.06930	4/7/2022	14:00:01	D	17.00
44	DEWAS	DEWAS	npp	22.98990	76.06130	4/7/2022	02:50:01	N	7.20
45	DEWAS	DEWAS	npp	22.99210	76.06450	4/7/2022	02:50:01	N	3.80
46	DEWAS	DEWAS	npp	22.99300	76.06040	4/7/2022	02:50:01	N	3.80
47	DEWAS	KHATEGOAN	npp	22.57180	76.81950	4/7/2022	14:00:01	D	12.20
48	DEWAS	KHATEGOAN	Terra	22.56300	76.88800	4/7/2022	10:40:32	D	11.40
49	DEWAS	TONK KHURD	npp	23.02880	76.15870	4/7/2022	14:00:01	D	10.10
50	DEWAS	TONK KHURD	npp	23.13690	76.09220	4/7/2022	01:10:26	N	1.70
51	DEWAS	TONK KHURD	npp	23.14110	76.09200	4/7/2022	01:10:26	N	1.90
52	DEWAS	TONK KHURD	npp	23.14220	76.09130	4/7/2022	02:50:01	N	0.90
53	DEWAS	TONK KHURD	npp	23.15330	76.09430	4/7/2022	02:50:01	N	1.10
54	DEWAS	TONK KHURD	npp	23.15580	76.08570	4/7/2022	01:10:26	N	3.50
55	DEWAS	TONK KHURD	npp	23.15600	76.08230	4/7/2022	02:50:01	N	0.80
56	DEWAS	TONK KHURD	npp	23.15860	76.08650	4/7/2022	01:10:26	N	1.60
57	DEWAS	TONK KHURD	npp	23.16520	76.11920	4/7/2022	02:50:01	N	0.50
58	DEWAS	TONK KHURD	npp	23.16610	76.11510	4/7/2022	02:50:01	N	0.50
59	DEWAS	TONK KHURD	npp	23.23320	76.11790	4/7/2022	14:00:01	D	3.60
60	DHAR	BADNAWAR	npp	22.74440	75.14280	4/7/2022	14:00:01	D	10.80
61	DHAR	BADNAWAR	npp	22.74680	75.17330	4/7/2022	02:50:01	N	0.60
62	DHAR	BADNAWAR	npp	22.83470	75.14220	4/7/2022	14:00:01	D	14.20

63	DHAR	BADNAWAR	npp	22.93520	75.29710	4/7/2022	14:00:01	D	22.30
64	DHAR	BADNAWAR	npp	22.93610	75.30510	4/7/2022	14:00:01	D	12.50
65	DHAR	BADNAWAR	npp	22.93930	75.29650	4/7/2022	14:00:01	D	22.30
66	DHAR	BADNAWAR	npp	22.93980	75.30050	4/7/2022	14:00:01	D	12.50
67	DHAR	BADNAWAR	npp	23.06970	75.28400	4/7/2022	14:00:01	D	10.70
68	DHAR	BADNAWAR	npp	23.07390	75.28340	4/7/2022	14:00:01	D	5.70
69	DHAR	BADNAWAR	Terra	22.98200	75.24900	4/7/2022	10:40:32	D	42.60
70	DHAR	BADNAWAR	Terra	22.98700	75.25700	4/7/2022	10:40:32	D	38.00
71	DHAR	BADNAWAR	Terra	22.98900	75.23900	4/7/2022	10:40:32	D	17.00
72	DHAR	DHAR	npp	22.58460	75.23490	4/7/2022	02:50:01	N	11.90
73	DHAR	DHAR	npp	22.58990	75.23630	4/7/2022	02:50:01	N	11.90
74	DHAR	DHAR	npp	22.59070	75.23270	4/7/2022	02:50:01	N	20.70
75	DHAR	DHAR	npp	22.60010	75.21590	4/7/2022	02:50:01	N	1.00
76	DHAR	DHAR	npp	22.63480	75.23660	4/7/2022	02:50:01	N	2.50
77	DHAR	DHAR	npp	22.63560	75.23300	4/7/2022	02:50:01	N	2.50
78	DHAR	DHAR	npp	22.63640	75.22940	4/7/2022	02:50:01	N	4.80
79	DHAR	DHAR	npp	22.63740	75.18070	4/7/2022	14:00:01	D	13.20
80	DHAR	DHAR	npp	22.63750	75.23630	4/7/2022	02:50:01	N	2.60
81	DHAR	DHAR	npp	22.63830	75.23270	4/7/2022	02:50:01	N	2.60
82	DHAR	DHAR	npp	22.63910	75.22910	4/7/2022	02:50:01	N	4.00
83	DHAR	DHAR	npp	22.64090	75.23440	4/7/2022	02:50:01	N	3.20
84	DHAR	DHAR	npp	22.64170	75.23080	4/7/2022	02:50:01	N	1.60
85	DHAR	DHAR	npp	22.64360	75.23410	4/7/2022	02:50:01	N	2.60
86	DHAR	DHAR	npp	22.64440	75.23050	4/7/2022	02:50:01	N	4.00
87	DHAR	DHAR	npp	22.64460	75.24310	4/7/2022	02:50:01	N	1.10
88	DHAR	DHAR	npp	22.64650	75.24630	4/7/2022	02:50:01	N	2.40
89	DHAR	DHAR	npp	22.64700	75.23220	4/7/2022	02:50:01	N	1.60
90	DHAR	DHAR	npp	22.64730	75.24270	4/7/2022	02:50:01	N	2.40
91	DHAR	DHAR	npp	22.64780	75.22860	4/7/2022	02:50:01	N	1.60
92	DHAR	DHAR	npp	22.64910	75.24810	4/7/2022	02:50:01	N	2.50
93	DHAR	DHAR	npp	22.64930	75.25860	4/7/2022	02:50:01	N	0.50
94	DHAR	DHAR	npp	22.64990	75.24450	4/7/2022	02:50:01	N	2.50
95	DHAR	DHAR	npp	22.65070	75.24080	4/7/2022	02:50:01	N	1.80

96	DHAR	DHAR	npp	22.65180	75.24770	4/7/2022	02:50:01	N	2.40
97	DHAR	DHAR	npp	22.65230	75.23360	4/7/2022	02:50:01	N	1.10
98	DHAR	DHAR	npp	22.65260	75.24410	4/7/2022	02:50:01	N	2.40
99	DHAR	DHAR	npp	22.65310	75.23000	4/7/2022	02:50:01	N	1.10
100	DHAR	DHAR	npp	22.65340	75.24050	4/7/2022	02:50:01	N	4.80
101	DHAR	DHAR	npp	22.65500	75.23330	4/7/2022	02:50:01	N	1.70
102	DHAR	DHAR	npp	22.65520	75.24590	4/7/2022	02:50:01	N	2.50
103	DHAR	DHAR	npp	22.65590	75.22960	4/7/2022	02:50:01	N	1.70
104	DHAR	DHAR	npp	22.65600	75.24230	4/7/2022	02:50:01	N	1.80
105	DHAR	DHAR	npp	22.65680	75.23860	4/7/2022	02:50:01	N	1.80
106	DHAR	DHAR	npp	22.65760	75.23500	4/7/2022	02:50:01	N	1.10
107	DHAR	DHAR	npp	22.65840	75.23140	4/7/2022	02:50:01	N	1.10
108	DHAR	DHAR	npp	22.66030	75.23460	4/7/2022	02:50:01	N	0.90
109	DHAR	DHAR	npp	22.66120	75.23100	4/7/2022	02:50:01	N	0.90
110	DHAR	DHAR	npp	22.69910	75.44010	4/7/2022	02:50:01	N	0.70
111	DHAR	DHAR	npp	22.70440	75.44160	4/7/2022	02:50:01	N	0.70
112	DHAR	DHAR	npp	22.70520	75.43780	4/7/2022	02:50:01	N	0.70
113	DHAR	DHAR	npp	22.70550	75.44020	4/7/2022	02:50:01	N	1.90
114	DHAR	DHAR	npp	22.77900	75.43180	4/7/2022	14:00:01	D	19.50
115	DHAR	DHAR	npp	22.78360	75.43530	4/7/2022	14:00:01	D	11.50
116	DHAR	SARDARPUR	npp	22.54950	75.14180	4/7/2022	02:50:01	N	0.40
117	DHAR	SARDARPUR	npp	22.56580	75.21860	4/7/2022	02:50:01	N	2.60
118	DHAR	SARDARPUR	npp	22.56660	75.21490	4/7/2022	02:50:01	N	2.60
119	DHAR	SARDARPUR	npp	22.61730	75.11350	4/7/2022	02:50:01	N	0.70
120	DHAR	SARDARPUR	npp	22.64930	75.10830	4/7/2022	14:00:01	D	13.20
121	DHAR	SARDARPUR	npp	22.70690	74.96900	4/7/2022	14:00:01	D	5.20
122	DINDORI	DINDORI	npp	23.21560	80.90140	4/7/2022	01:10:26	N	0.60
123	EAST NIMAR	HARSUD	Terra	21.97400	76.82000	4/7/2022	10:40:32	D	14.70
124	EAST NIMAR	HARSUD	Terra	21.98100	76.81300	4/7/2022	10:40:32	D	16.80
125	EAST NIMAR	KHANDWA	npp	22.18360	76.31940	4/7/2022	14:00:01	D	20.50
126	EAST NIMAR	PANDHANA	Terra	21.61000	76.26100	4/7/2022	10:40:32	D	22.20
127	GUNA	GUNA	npp	24.69850	77.06490	4/7/2022	01:10:26	N	2.60
128	GUNA	GUNA	npp	24.83840	77.04700	4/7/2022	01:10:26	N	0.80

129	GUNA	GUNA	npp	24.86260	77.10320	4/7/2022	01:10:26	N	1.40
130	GUNA	GUNA	npp	24.86790	77.10540	4/7/2022	01:10:26	N	2.00
131	GUNA	GUNA	npp	24.86940	77.10390	4/7/2022	01:10:26	N	1.40
132	GUNA	GUNA	npp	24.97110	77.19740	4/7/2022	02:50:01	N	0.50
133	GUNA	GUNA	npp	24.98860	77.17460	4/7/2022	02:50:01	N	1.60
134	GUNA	GUNA	npp	25.01270	77.09880	4/7/2022	02:50:01	N	0.70
135	GUNA	GUNA	npp	25.01400	77.09840	4/7/2022	01:10:26	N	1.60
136	GUNA	GUNA	npp	25.01830	77.10040	4/7/2022	02:50:01	N	2.60
137	GUNA	GUNA	npp	25.01930	77.09610	4/7/2022	02:50:01	N	2.20
138	HARDA	HARDA	npp	22.22460	77.00270	4/7/2022	01:10:26	N	1.30
139	HARDA	HARDA	npp	22.24700	76.98810	4/7/2022	02:50:01	N	1.30
140	HARDA	HARDA	npp	22.24890	76.98460	4/7/2022	01:10:26	N	2.20
141	HARDA	HARDA	npp	22.25600	76.97890	4/7/2022	01:10:26	N	0.90
142	HARDA	HARDA	npp	22.25930	76.97990	4/7/2022	02:50:01	N	0.20
143	HARDA	HARDA	npp	22.26000	76.98080	4/7/2022	01:10:26	N	1.90
144	HARDA	HARDA	npp	22.26270	76.97960	4/7/2022	01:10:26	N	0.90
145	HARDA	HARDA	npp	22.38530	77.01050	4/7/2022	01:10:26	N	0.60
146	HARDA	HARDA	npp	22.38880	77.01030	4/7/2022	01:10:26	N	1.60
147	HARDA	HARDA	npp	22.39200	77.01110	4/7/2022	01:10:26	N	0.60
148	HARDA	HARDA	npp	22.46090	77.12320	4/7/2022	01:10:26	N	0.80
149	HARDA	HARDA	npp	22.46430	77.12460	4/7/2022	01:10:26	N	1.30
150	HARDA	KHIRKIYAN	npp	22.15480	76.90400	4/7/2022	01:10:26	N	2.00
151	HARDA	KHIRKIYAN	npp	22.15530	76.93280	4/7/2022	01:10:26	N	1.10
152	HARDA	KHIRKIYAN	npp	22.15710	76.90750	4/7/2022	01:10:26	N	2.20
153	HARDA	KHIRKIYAN	npp	22.15910	76.93610	4/7/2022	01:10:26	N	0.50
154	HARDA	KHIRKIYAN	npp	22.15950	76.92990	4/7/2022	01:10:26	N	0.50
155	HARDA	KHIRKIYAN	npp	22.24520	76.98620	4/7/2022	02:50:01	N	2.00
156	HARDA	KHIRKIYAN	npp	22.24610	76.98580	4/7/2022	01:10:26	N	1.70
157	HARDA	KHIRKIYAN	npp	22.24810	76.98340	4/7/2022	02:50:01	N	1.60
158	HARDA	KHIRKIYAN	npp	22.25190	76.90950	4/7/2022	01:10:26	N	0.90
159	HARDA	KHIRKIYAN	npp	22.25310	76.90980	4/7/2022	02:50:01	N	1.40
160	HARDA	KHIRKIYAN	npp	22.25570	76.91400	4/7/2022	02:50:01	N	1.00
161	HARDA	TIMURNI	npp	22.51770	77.17220	4/7/2022	01:10:26	N	3.30

162	HOSHANGABAD	BABAI	npp	22.63490	77.98900	4/7/2022	14:00:01	D	11.90
163	HOSHANGABAD	BABAI	npp	22.63740	77.98540	4/7/2022	14:00:01	D	11.80
164	HOSHANGABAD	BABAI	npp	22.63920	77.98260	4/7/2022	14:00:01	D	7.90
165	HOSHANGABAD	BABAI	npp	22.63980	77.98840	4/7/2022	14:00:01	D	11.90
166	HOSHANGABAD	BABAI	npp	22.64040	77.99420	4/7/2022	14:00:01	D	11.90
167	HOSHANGABAD	BABAI	npp	22.64230	77.98490	4/7/2022	14:00:01	D	11.80
168	HOSHANGABAD	BABAI	npp	22.64300	77.99070	4/7/2022	14:00:01	D	11.80
169	HOSHANGABAD	BABAI	npp	22.64410	77.98210	4/7/2022	14:00:01	D	7.10
170	HOSHANGABAD	BABAI	npp	22.64470	77.98790	4/7/2022	14:00:01	D	10.90
171	HOSHANGABAD	BABAI	npp	22.64720	77.98430	4/7/2022	14:00:01	D	11.60
172	HOSHANGABAD	BABAI	npp	22.64790	77.99010	4/7/2022	14:00:01	D	11.60
173	HOSHANGABAD	BABAI	npp	22.64900	77.98150	4/7/2022	14:00:01	D	7.10
174	HOSHANGABAD	BABAI	npp	22.64960	77.98730	4/7/2022	14:00:01	D	10.90
175	HOSHANGABAD	BABAI	npp	22.65130	78.00480	4/7/2022	14:00:01	D	3.00
176	HOSHANGABAD	BABAI	npp	22.65210	77.98380	4/7/2022	14:00:01	D	11.60
177	HOSHANGABAD	BABAI	npp	22.65400	78.00120	4/7/2022	14:00:01	D	4.60
178	HOSHANGABAD	BABAI	npp	22.65460	78.00700	4/7/2022	14:00:01	D	15.90
179	HOSHANGABAD	BABAI	npp	22.65540	78.01800	4/7/2022	01:10:26	N	1.60
180	HOSHANGABAD	BABAI	npp	22.65560	78.04170	4/7/2022	02:50:01	N	1.50
181	HOSHANGABAD	BABAI	npp	22.65620	78.00420	4/7/2022	14:00:01	D	11.10
182	HOSHANGABAD	BABAI	npp	22.65680	78.01010	4/7/2022	14:00:01	D	16.90
183	HOSHANGABAD	BABAI	npp	22.65740	78.01590	4/7/2022	14:00:01	D	16.90
184	HOSHANGABAD	BABAI	npp	22.65770	78.03620	4/7/2022	14:00:01	D	7.10
185	HOSHANGABAD	BABAI	npp	22.65790	78.04380	4/7/2022	02:50:01	N	2.70
186	HOSHANGABAD	BABAI	npp	22.65890	78.00060	4/7/2022	14:00:01	D	7.10
187	HOSHANGABAD	BABAI	npp	22.65890	78.04800	4/7/2022	14:00:01	D	12.40
188	HOSHANGABAD	BABAI	npp	22.65950	78.00640	4/7/2022	14:00:01	D	11.50
189	HOSHANGABAD	BABAI	npp	22.66000	78.04040	4/7/2022	01:10:26	N	0.90
190	HOSHANGABAD	BABAI	npp	22.66010	78.01230	4/7/2022	14:00:01	D	11.50
191	HOSHANGABAD	BABAI	npp	22.66020	78.04530	4/7/2022	14:00:01	D	9.20
192	HOSHANGABAD	BABAI	npp	22.66070	78.01810	4/7/2022	14:00:01	D	35.80
193	HOSHANGABAD	BABAI	npp	22.66080	78.05110	4/7/2022	14:00:01	D	9.20
194	HOSHANGABAD	BABAI	npp	22.66110	78.00360	4/7/2022	14:00:01	D	11.10

195	HOSHANGABAD	BABAI	npp	22.66170	78.00950	4/7/2022	14:00:01	D	16.90
196	HOSHANGABAD	BABAI	npp	22.66180	78.04350	4/7/2022	02:50:01	N	0.90
197	HOSHANGABAD	BABAI	npp	22.66230	78.01530	4/7/2022	14:00:01	D	16.90
198	HOSHANGABAD	BABAI	npp	22.66260	78.03570	4/7/2022	14:00:01	D	6.50
199	HOSHANGABAD	BABAI	npp	22.66320	78.08920	4/7/2022	14:00:01	D	4.90
200	HOSHANGABAD	BABAI	npp	22.66380	78.04750	4/7/2022	14:00:01	D	8.10
201	HOSHANGABAD	BABAI	npp	22.66400	78.03300	4/7/2022	14:00:01	D	6.60
202	HOSHANGABAD	BABAI	npp	22.66430	78.08650	4/7/2022	14:00:01	D	9.50
203	HOSHANGABAD	BABAI	npp	22.66440	78.00590	4/7/2022	14:00:01	D	11.50
204	HOSHANGABAD	BABAI	npp	22.66460	78.03890	4/7/2022	14:00:01	D	6.60
205	HOSHANGABAD	BABAI	npp	22.66500	78.01170	4/7/2022	14:00:01	D	11.50
206	HOSHANGABAD	BABAI	npp	22.66630	78.07100	4/7/2022	14:00:01	D	12.40
207	HOSHANGABAD	BABAI	npp	22.66660	78.00890	4/7/2022	14:00:01	D	10.10
208	HOSHANGABAD	BABAI	npp	22.66750	78.06830	4/7/2022	14:00:01	D	11.80
209	HOSHANGABAD	BABAI	npp	22.66820	78.08870	4/7/2022	14:00:01	D	12.70
210	HOSHANGABAD	BABAI	npp	22.66860	78.08170	4/7/2022	02:50:01	N	8.40
211	HOSHANGABAD	BABAI	npp	22.66870	78.04690	4/7/2022	14:00:01	D	8.10
212	HOSHANGABAD	BABAI	npp	22.66920	78.08600	4/7/2022	14:00:01	D	9.50
213	HOSHANGABAD	BABAI	npp	22.66960	78.07970	4/7/2022	01:10:26	N	2.70
214	HOSHANGABAD	BABAI	npp	22.66980	78.09190	4/7/2022	14:00:01	D	13.00
215	HOSHANGABAD	BABAI	npp	22.66990	78.07630	4/7/2022	02:50:01	N	4.00
216	HOSHANGABAD	BABAI	npp	22.67010	78.04420	4/7/2022	14:00:01	D	6.90
217	HOSHANGABAD	BABAI	npp	22.67010	78.07420	4/7/2022	01:10:26	N	2.50
218	HOSHANGABAD	BABAI	npp	22.67150	78.00840	4/7/2022	14:00:01	D	10.10
219	HOSHANGABAD	BABAI	npp	22.67240	77.98470	4/7/2022	02:50:01	N	0.40
220	HOSHANGABAD	BABAI	npp	22.67310	78.08820	4/7/2022	14:00:01	D	12.70
221	HOSHANGABAD	BABAI	npp	22.67420	78.08550	4/7/2022	14:00:01	D	8.60
222	HOSHANGABAD	BABAI	npp	22.67580	78.00200	4/7/2022	14:00:01	D	16.80
223	HOSHANGABAD	BABAI	npp	22.67600	78.08020	4/7/2022	01:10:26	N	2.70
224	HOSHANGABAD	BABAI	npp	22.67610	78.07810	4/7/2022	02:50:01	N	4.00
225	HOSHANGABAD	BABAI	npp	22.67640	78.00780	4/7/2022	14:00:01	D	33.90
226	HOSHANGABAD	BABAI	npp	22.67640	78.07480	4/7/2022	01:10:26	N	2.50
227	HOSHANGABAD	BABAI	npp	22.67700	78.01370	4/7/2022	14:00:01	D	33.90

228	HOSHANGABAD	BABAI	npp	22.68070	78.00140	4/7/2022	14:00:01	D	16.80
229	HOSHANGABAD	BABAI	npp	22.68130	78.00730	4/7/2022	14:00:01	D	33.90
230	HOSHANGABAD	BABAI	npp	22.68190	78.01320	4/7/2022	14:00:01	D	33.90
231	HOSHANGABAD	BABAI	npp	22.68250	78.01900	4/7/2022	14:00:01	D	8.90
232	HOSHANGABAD	BABAI	npp	22.68680	78.01260	4/7/2022	14:00:01	D	12.40
233	HOSHANGABAD	BABAI	npp	22.68740	78.01850	4/7/2022	14:00:01	D	10.80
234	HOSHANGABAD	BABAI	npp	22.68840	78.00060	4/7/2022	02:50:01	N	3.40
235	HOSHANGABAD	BABAI	npp	22.68970	77.99530	4/7/2022	02:50:01	N	3.40
236	HOSHANGABAD	BABAI	npp	22.69460	78.00240	4/7/2022	02:50:01	N	3.40
237	HOSHANGABAD	BABAI	npp	22.70340	77.99350	4/7/2022	02:50:01	N	0.50
238	HOSHANGABAD	BABAI	npp	22.71290	77.88060	4/7/2022	14:00:01	D	6.90
239	HOSHANGABAD	BABAI	npp	22.71340	77.93300	4/7/2022	14:00:01	D	19.10
240	HOSHANGABAD	BABAI	npp	22.71510	77.95040	4/7/2022	14:00:01	D	7.80
241	HOSHANGABAD	BABAI	npp	22.71640	77.91510	4/7/2022	14:00:01	D	32.10
242	HOSHANGABAD	BABAI	npp	22.71700	77.92090	4/7/2022	14:00:01	D	28.80
243	HOSHANGABAD	BABAI	npp	22.73390	77.94350	4/7/2022	01:10:26	N	0.70
244	HOSHANGABAD	BABAI	npp	22.73410	77.89560	4/7/2022	14:00:01	D	7.60
245	HOSHANGABAD	BABAI	npp	22.73470	77.94820	4/7/2022	14:00:01	D	10.90
246	HOSHANGABAD	BABAI	npp	22.73490	77.94530	4/7/2022	02:50:01	N	1.50
247	HOSHANGABAD	BABAI	npp	22.73620	77.94000	4/7/2022	02:50:01	N	1.50
248	HOSHANGABAD	BABAI	npp	22.73710	77.89470	4/7/2022	14:00:01	D	8.90
249	HOSHANGABAD	BABAI	npp	22.73940	77.95510	4/7/2022	01:10:26	N	1.30
250	HOSHANGABAD	BABAI	npp	22.73960	77.94760	4/7/2022	14:00:01	D	10.50
251	HOSHANGABAD	BABAI	npp	22.74020	77.94410	4/7/2022	01:10:26	N	0.70
252	HOSHANGABAD	BABAI	npp	22.76250	77.95120	4/7/2022	02:50:01	N	0.90
253	HOSHANGABAD	BABAI	npp	22.78810	77.82450	4/7/2022	01:10:26	N	1.40
254	HOSHANGABAD	BABAI	npp	22.79370	77.82500	4/7/2022	02:50:01	N	2.20
255	HOSHANGABAD	BABAI	npp	22.79450	77.82520	4/7/2022	01:10:26	N	1.00
256	HOSHANGABAD	BABAI	npp	22.79500	77.81960	4/7/2022	01:10:26	N	1.00
257	HOSHANGABAD	BABAI	npp	22.79610	77.82750	4/7/2022	02:50:01	N	0.80
258	HOSHANGABAD	BABAI	Terra	22.67000	78.08200	4/7/2022	10:40:32	D	21.90
259	HOSHANGABAD	BABAI	Terra	22.67100	78.07100	4/7/2022	10:40:32	D	32.00
260	HOSHANGABAD	BABAI	Terra	22.68900	78.01300	4/7/2022	10:40:32	D	13.20

261	HOSHANGABAD	BABAI	Terra	22.69000	78.00100	4/7/2022	10:40:32	D	12.00
262	HOSHANGABAD	BABAI	Terra	22.72200	77.90800	4/7/2022	10:40:32	D	19.70
263	HOSHANGABAD	BANKHERI	npp	22.72750	78.42370	4/7/2022	14:00:01	D	7.80
264	HOSHANGABAD	BANKHERI	npp	22.74320	78.54200	4/7/2022	01:10:26	N	1.20
265	HOSHANGABAD	BANKHERI	npp	22.74940	78.54260	4/7/2022	01:10:26	N	1.10
266	HOSHANGABAD	BANKHERI	npp	22.78460	78.47470	4/7/2022	01:10:26	N	1.60
267	HOSHANGABAD	BANKHERI	npp	22.79170	78.54210	4/7/2022	01:10:26	N	0.80
268	HOSHANGABAD	BANKHERI	npp	22.79290	78.54160	4/7/2022	01:10:26	N	0.60
269	HOSHANGABAD	BANKHERI	npp	22.81390	78.49810	4/7/2022	01:10:26	N	0.70
270	HOSHANGABAD	BANKHERI	npp	22.81470	78.48780	4/7/2022	01:10:26	N	1.50
271	HOSHANGABAD	BANKHERI	npp	22.83690	78.52090	4/7/2022	01:10:26	N	0.50
272	HOSHANGABAD	BANKHERI	npp	22.83900	78.49530	4/7/2022	01:10:26	N	2.50
273	HOSHANGABAD	BANKHERI	npp	22.84110	78.46970	4/7/2022	01:10:26	N	0.50
274	HOSHANGABAD	BANKHERI	npp	22.85840	78.48690	4/7/2022	01:10:26	N	0.50
275	HOSHANGABAD	BANKHERI	npp	22.86590	78.53490	4/7/2022	01:10:26	N	1.60
276	HOSHANGABAD	BANKHERI	npp	22.86630	78.46690	4/7/2022	01:10:26	N	0.50
277	HOSHANGABAD	BANKHERI	npp	22.86690	78.53410	4/7/2022	01:10:26	N	2.10
278	HOSHANGABAD	BANKHERI	npp	22.86900	78.53390	4/7/2022	02:50:01	N	1.10
279	HOSHANGABAD	BANKHERI	npp	22.86910	78.52160	4/7/2022	14:00:01	D	5.50
280	HOSHANGABAD	BANKHERI	npp	22.86970	78.53420	4/7/2022	02:50:01	N	2.70
281	HOSHANGABAD	BANKHERI	npp	22.86980	78.48370	4/7/2022	01:10:26	N	1.60
282	HOSHANGABAD	BANKHERI	npp	22.87060	78.47320	4/7/2022	02:50:01	N	1.70
283	HOSHANGABAD	BANKHERI	npp	22.87090	78.47330	4/7/2022	02:50:01	N	1.70
284	HOSHANGABAD	BANKHERI	npp	22.87100	78.46820	4/7/2022	01:10:26	N	1.30
285	HOSHANGABAD	BANKHERI	npp	22.87120	78.48300	4/7/2022	01:10:26	N	1.40
286	HOSHANGABAD	BANKHERI	npp	22.87200	78.46750	4/7/2022	02:50:01	N	3.30
287	HOSHANGABAD	BANKHERI	npp	22.87230	78.46760	4/7/2022	02:50:01	N	1.70
288	HOSHANGABAD	BANKHERI	npp	22.87240	78.53040	4/7/2022	01:10:26	N	0.80
289	HOSHANGABAD	BANKHERI	npp	22.87250	78.46750	4/7/2022	01:10:26	N	0.80
290	HOSHANGABAD	BANKHERI	npp	22.87540	78.53580	4/7/2022	02:50:01	N	1.10
291	HOSHANGABAD	BANKHERI	npp	22.88180	78.48250	4/7/2022	02:50:01	N	1.20
292	HOSHANGABAD	BANKHERI	npp	22.88220	78.48260	4/7/2022	02:50:01	N	1.10
293	HOSHANGABAD	BANKHERI	npp	22.88270	78.49450	4/7/2022	01:10:26	N	0.40

294	HOSHANGABAD	BANKHERI	npp	22.88530	78.46370	4/7/2022	01:10:26	N	0.50
295	HOSHANGABAD	BANKHERI	npp	22.88900	78.55770	4/7/2022	01:10:26	N	0.80
296	HOSHANGABAD	BANKHERI	npp	22.88940	78.56190	4/7/2022	01:10:26	N	0.90
297	HOSHANGABAD	BANKHERI	npp	22.89080	78.45470	4/7/2022	01:10:26	N	0.80
298	HOSHANGABAD	BANKHERI	npp	22.89630	78.54310	4/7/2022	01:10:26	N	1.30
299	HOSHANGABAD	BANKHERI	npp	22.89730	78.54210	4/7/2022	01:10:26	N	1.40
300	HOSHANGABAD	BANKHERI	npp	22.89930	78.54900	4/7/2022	02:50:01	N	1.20
301	HOSHANGABAD	BANKHERI	npp	22.90070	78.54320	4/7/2022	02:50:01	N	1.20
302	HOSHANGABAD	BANKHERI	npp	22.90300	78.47580	4/7/2022	01:10:26	N	0.80
303	HOSHANGABAD	BANKHERI	npp	22.90700	78.56460	4/7/2022	01:10:26	N	1.10
304	HOSHANGABAD	BANKHERI	npp	22.90770	78.47720	4/7/2022	01:10:26	N	1.10
305	HOSHANGABAD	BANKHERI	npp	22.91280	78.46710	4/7/2022	02:50:01	N	0.40
306	HOSHANGABAD	BANKHERI	npp	22.91320	78.56530	4/7/2022	01:10:26	N	1.10
307	HOSHANGABAD	BANKHERI	npp	22.91390	78.47780	4/7/2022	01:10:26	N	0.90
308	HOSHANGABAD	BANKHERI	npp	22.91470	78.46750	4/7/2022	01:10:26	N	0.70
309	HOSHANGABAD	BANKHERI	npp	22.91560	78.45720	4/7/2022	01:10:26	N	0.70
310	HOSHANGABAD	BANKHERI	npp	22.91600	78.45210	4/7/2022	01:10:26	N	0.70
311	HOSHANGABAD	BANKHERI	npp	22.91630	78.48030	4/7/2022	02:50:01	N	0.70
312	HOSHANGABAD	BANKHERI	npp	22.91700	78.50500	4/7/2022	02:50:01	N	1.00
313	HOSHANGABAD	BANKHERI	npp	22.92220	78.45270	4/7/2022	01:10:26	N	0.70
314	HOSHANGABAD	BANKHERI	npp	22.92260	78.44750	4/7/2022	01:10:26	N	1.30
315	HOSHANGABAD	BANKHERI	npp	22.92730	78.50660	4/7/2022	14:00:01	D	4.70
316	HOSHANGABAD	BANKHERI	npp	22.93080	78.42220	4/7/2022	01:10:26	N	0.50
317	HOSHANGABAD	BANKHERI	npp	22.93240	78.50610	4/7/2022	14:00:01	D	4.70
318	HOSHANGABAD	BANKHERI	npp	22.93260	78.50930	4/7/2022	14:00:01	D	4.70
319	HOSHANGABAD	BANKHERI	npp	22.93330	78.51570	4/7/2022	14:00:01	D	6.90
320	HOSHANGABAD	BANKHERI	npp	22.94000	78.46470	4/7/2022	01:10:26	N	2.20
321	HOSHANGABAD	BANKHERI	npp	22.94030	78.53700	4/7/2022	01:10:26	N	0.70
322	HOSHANGABAD	BANKHERI	npp	22.94040	78.45950	4/7/2022	01:10:26	N	2.30
323	HOSHANGABAD	BANKHERI	npp	22.94860	78.43440	4/7/2022	01:10:26	N	0.50
324	HOSHANGABAD	BANKHERI	npp	22.95240	78.46580	4/7/2022	01:10:26	N	1.70
325	HOSHANGABAD	HOSHANGABAD	npp	22.62310	77.63310	4/7/2022	02:50:01	N	1.30
326	HOSHANGABAD	HOSHANGABAD	npp	22.62410	77.63750	4/7/2022	02:50:01	N	1.10

327	HOSHANGABAD	HOSHANGABAD	npp	22.62550	77.69580	4/7/2022	14:00:01	D	14.00
328	HOSHANGABAD	HOSHANGABAD	npp	22.62600	77.69300	4/7/2022	14:00:01	D	8.70
329	HOSHANGABAD	HOSHANGABAD	npp	22.64520	77.72770	4/7/2022	01:10:26	N	0.90
330	HOSHANGABAD	HOSHANGABAD	npp	22.64520	77.73010	4/7/2022	01:10:26	N	0.90
331	HOSHANGABAD	HOSHANGABAD	npp	22.69970	77.61330	4/7/2022	01:10:26	N	3.40
332	HOSHANGABAD	HOSHANGABAD	npp	22.70020	77.60750	4/7/2022	01:10:26	N	3.40
333	HOSHANGABAD	HOSHANGABAD	npp	22.70580	77.61980	4/7/2022	01:10:26	N	0.80
334	HOSHANGABAD	HOSHANGABAD	npp	22.72220	77.79230	4/7/2022	14:00:01	D	14.30
335	HOSHANGABAD	HOSHANGABAD	npp	22.72640	77.74480	4/7/2022	02:50:01	N	0.90
336	HOSHANGABAD	HOSHANGABAD	npp	22.72720	77.68000	4/7/2022	01:10:26	N	0.80
337	HOSHANGABAD	HOSHANGABAD	npp	22.72740	77.68080	4/7/2022	01:10:26	N	1.30
338	HOSHANGABAD	HOSHANGABAD	npp	22.72890	77.62490	4/7/2022	02:50:01	N	0.70
339	HOSHANGABAD	HOSHANGABAD	Terra	22.60800	77.59900	4/7/2022	10:40:32	D	24.90
340	HOSHANGABAD	HOSHANGABAD	Terra	22.60800	77.60500	4/7/2022	10:40:32	D	13.50
341	HOSHANGABAD	HOSHANGABAD	Terra	22.66200	77.81900	4/7/2022	10:40:32	D	28.20
342	HOSHANGABAD	HOSHANGABAD	Terra	22.67100	77.82700	4/7/2022	10:40:32	D	14.00
343	HOSHANGABAD	HOSHANGABAD	Terra	22.67200	77.82100	4/7/2022	10:40:32	D	12.70
344	HOSHANGABAD	ITARSI	npp	22.50190	77.72030	4/7/2022	01:10:26	N	0.90
345	HOSHANGABAD	ITARSI	npp	22.50240	77.71450	4/7/2022	01:10:26	N	0.90
346	HOSHANGABAD	ITARSI	npp	22.50320	77.71490	4/7/2022	01:10:26	N	1.70
347	HOSHANGABAD	ITARSI	npp	22.56350	77.69130	4/7/2022	01:10:26	N	1.70
348	HOSHANGABAD	ITARSI	npp	22.56560	77.74900	4/7/2022	01:10:26	N	1.70
349	HOSHANGABAD	ITARSI	npp	22.59580	77.82450	4/7/2022	02:50:01	N	0.40
350	HOSHANGABAD	ITARSI	npp	22.59840	77.82600	4/7/2022	01:10:26	N	1.70
351	HOSHANGABAD	ITARSI	npp	22.59920	77.82450	4/7/2022	02:50:01	N	0.60
352	HOSHANGABAD	ITARSI	npp	22.59950	77.82290	4/7/2022	01:10:26	N	0.70
353	HOSHANGABAD	ITARSI	npp	22.59980	77.91630	4/7/2022	02:50:01	N	3.00
354	HOSHANGABAD	ITARSI	npp	22.60110	77.91100	4/7/2022	02:50:01	N	2.40
355	HOSHANGABAD	ITARSI	npp	22.60370	77.90040	4/7/2022	02:50:01	N	1.20
356	HOSHANGABAD	ITARSI	npp	22.60410	77.85500	4/7/2022	14:00:01	D	16.40
357	HOSHANGABAD	ITARSI	npp	22.60470	77.86070	4/7/2022	14:00:01	D	22.50
358	HOSHANGABAD	ITARSI	npp	22.60690	77.94140	4/7/2022	02:50:01	N	2.10
359	HOSHANGABAD	ITARSI	npp	22.60730	77.91280	4/7/2022	02:50:01	N	2.40

360	HOSHANGABAD	ITARSI	npp	22.60760	77.93590	4/7/2022	14:00:01	D	10.60
361	HOSHANGABAD	ITARSI	npp	22.60820	77.94440	4/7/2022	01:10:26	N	5.60
362	HOSHANGABAD	ITARSI	npp	22.60850	77.90750	4/7/2022	02:50:01	N	2.40
363	HOSHANGABAD	ITARSI	npp	22.60890	77.90080	4/7/2022	14:00:01	D	8.60
364	HOSHANGABAD	ITARSI	npp	22.60900	77.85450	4/7/2022	14:00:01	D	16.40
365	HOSHANGABAD	ITARSI	npp	22.60950	77.92790	4/7/2022	01:10:26	N	1.90
366	HOSHANGABAD	ITARSI	npp	22.60960	77.86020	4/7/2022	14:00:01	D	22.50
367	HOSHANGABAD	ITARSI	npp	22.60960	77.94700	4/7/2022	01:10:26	N	2.40
368	HOSHANGABAD	ITARSI	npp	22.61000	77.94150	4/7/2022	01:10:26	N	2.40
369	HOSHANGABAD	ITARSI	npp	22.61020	77.86590	4/7/2022	14:00:01	D	22.50
370	HOSHANGABAD	ITARSI	npp	22.61030	77.83830	4/7/2022	01:10:26	N	1.70
371	HOSHANGABAD	ITARSI	npp	22.61110	77.84090	4/7/2022	01:10:26	N	0.70
372	HOSHANGABAD	ITARSI	npp	22.61130	77.92380	4/7/2022	14:00:01	D	13.60
373	HOSHANGABAD	ITARSI	npp	22.61150	77.83530	4/7/2022	01:10:26	N	1.30
374	HOSHANGABAD	ITARSI	npp	22.61180	77.94850	4/7/2022	02:50:01	N	2.10
375	HOSHANGABAD	ITARSI	npp	22.61250	77.93540	4/7/2022	14:00:01	D	11.50
376	HOSHANGABAD	ITARSI	npp	22.61290	77.79470	4/7/2022	02:50:01	N	0.70
377	HOSHANGABAD	ITARSI	npp	22.61310	77.94320	4/7/2022	02:50:01	N	2.10
378	HOSHANGABAD	ITARSI	npp	22.61380	77.85400	4/7/2022	14:00:01	D	5.60
379	HOSHANGABAD	ITARSI	npp	22.61400	77.81750	4/7/2022	02:50:01	N	0.40
380	HOSHANGABAD	ITARSI	npp	22.61430	77.90600	4/7/2022	14:00:01	D	17.40
381	HOSHANGABAD	ITARSI	npp	22.61460	77.94490	4/7/2022	01:10:26	N	1.00
382	HOSHANGABAD	ITARSI	npp	22.61500	77.86540	4/7/2022	14:00:01	D	17.90
383	HOSHANGABAD	ITARSI	npp	22.61630	77.83060	4/7/2022	14:00:01	D	5.30
384	HOSHANGABAD	ITARSI	npp	22.61630	77.84450	4/7/2022	01:10:26	N	1.10
385	HOSHANGABAD	ITARSI	npp	22.61640	77.94200	4/7/2022	01:10:26	N	3.80
386	HOSHANGABAD	ITARSI	npp	22.61660	77.84750	4/7/2022	02:50:01	N	1.10
387	HOSHANGABAD	ITARSI	npp	22.61710	77.84710	4/7/2022	01:10:26	N	0.70
388	HOSHANGABAD	ITARSI	npp	22.61730	77.93490	4/7/2022	14:00:01	D	11.50
389	HOSHANGABAD	ITARSI	npp	22.61750	77.84150	4/7/2022	01:10:26	N	0.70
390	HOSHANGABAD	ITARSI	npp	22.61780	77.84220	4/7/2022	02:50:01	N	1.10
391	HOSHANGABAD	ITARSI	npp	22.61860	77.89970	4/7/2022	14:00:01	D	32.80
392	HOSHANGABAD	ITARSI	npp	22.61900	77.81090	4/7/2022	01:10:26	N	1.50

393	HOSHANGABAD	ITARSI	npp	22.61930	77.94500	4/7/2022	02:50:01	N	0.80
394	HOSHANGABAD	ITARSI	npp	22.61990	77.86480	4/7/2022	14:00:01	D	17.90
395	HOSHANGABAD	ITARSI	npp	22.62070	77.69640	4/7/2022	14:00:01	D	19.10
396	HOSHANGABAD	ITARSI	npp	22.62090	77.94540	4/7/2022	01:10:26	N	1.00
397	HOSHANGABAD	ITARSI	npp	22.62120	77.69350	4/7/2022	14:00:01	D	12.00
398	HOSHANGABAD	ITARSI	npp	22.62180	77.69910	4/7/2022	14:00:01	D	15.20
399	HOSHANGABAD	ITARSI	npp	22.62270	77.84500	4/7/2022	01:10:26	N	1.90
400	HOSHANGABAD	ITARSI	npp	22.62270	77.84930	4/7/2022	02:50:01	N	1.10
401	HOSHANGABAD	ITARSI	npp	22.62320	77.83950	4/7/2022	01:10:26	N	2.70
402	HOSHANGABAD	ITARSI	npp	22.62350	77.84760	4/7/2022	01:10:26	N	0.90
403	HOSHANGABAD	ITARSI	npp	22.62350	77.89920	4/7/2022	14:00:01	D	32.80
404	HOSHANGABAD	ITARSI	npp	22.62390	77.84210	4/7/2022	01:10:26	N	0.90
405	HOSHANGABAD	ITARSI	npp	22.62400	77.84400	4/7/2022	02:50:01	N	1.10
406	HOSHANGABAD	ITARSI	npp	22.62410	77.82820	4/7/2022	01:10:26	N	1.30
407	HOSHANGABAD	ITARSI	npp	22.62450	77.82260	4/7/2022	01:10:26	N	1.30
408	HOSHANGABAD	ITARSI	npp	22.62500	77.86690	4/7/2022	02:50:01	N	1.90
409	HOSHANGABAD	ITARSI	npp	22.62520	77.82520	4/7/2022	01:10:26	N	1.10
410	HOSHANGABAD	ITARSI	npp	22.62560	77.81960	4/7/2022	01:10:26	N	1.10
411	HOSHANGABAD	ITARSI	npp	22.62640	77.90200	4/7/2022	14:00:01	D	8.10
412	HOSHANGABAD	ITARSI	npp	22.62650	77.83350	4/7/2022	02:50:01	N	2.30
413	HOSHANGABAD	ITARSI	npp	22.62770	77.93960	4/7/2022	14:00:01	D	10.00
414	HOSHANGABAD	ITARSI	npp	22.62890	77.95120	4/7/2022	14:00:01	D	13.00
415	HOSHANGABAD	ITARSI	npp	22.62980	77.93670	4/7/2022	14:00:01	D	3.80
416	HOSHANGABAD	ITARSI	npp	22.63070	77.83700	4/7/2022	01:10:26	N	2.10
417	HOSHANGABAD	ITARSI	npp	22.63090	77.94830	4/7/2022	14:00:01	D	6.60
418	HOSHANGABAD	ITARSI	npp	22.63330	77.75150	4/7/2022	02:50:01	N	0.30
419	HOSHANGABAD	ITARSI	npp	22.63520	77.82470	4/7/2022	02:50:01	N	1.80
420	HOSHANGABAD	ITARSI	npp	22.63570	77.87470	4/7/2022	14:00:01	D	6.20
421	HOSHANGABAD	ITARSI	npp	22.63600	77.87580	4/7/2022	02:50:01	N	0.90
422	HOSHANGABAD	ITARSI	npp	22.63630	77.88040	4/7/2022	14:00:01	D	4.70
423	HOSHANGABAD	ITARSI	npp	22.63640	77.75560	4/7/2022	01:10:26	N	1.50
424	HOSHANGABAD	ITARSI	npp	22.63710	77.75230	4/7/2022	01:10:26	N	2.00
425	HOSHANGABAD	ITARSI	npp	22.63880	77.72940	4/7/2022	01:10:26	N	1.00

426	HOSHANGABAD	ITARSI	npp	22.63880	77.87740	4/7/2022	14:00:01	D	8.70
427	HOSHANGABAD	ITARSI	npp	22.64010	77.83180	4/7/2022	02:50:01	N	1.80
428	HOSHANGABAD	ITARSI	npp	22.64260	77.82120	4/7/2022	02:50:01	N	1.80
429	HOSHANGABAD	ITARSI	npp	22.64390	77.81590	4/7/2022	02:50:01	N	1.80
430	HOSHANGABAD	ITARSI	npp	22.64680	77.91300	4/7/2022	02:50:01	N	2.30
431	HOSHANGABAD	ITARSI	npp	22.64820	77.82430	4/7/2022	14:00:01	D	5.00
432	HOSHANGABAD	ITARSI	npp	22.65300	77.91480	4/7/2022	02:50:01	N	1.00
433	HOSHANGABAD	ITARSI	npp	22.66760	77.77800	4/7/2022	01:10:26	N	0.70
434	HOSHANGABAD	ITARSI	Terra	22.61000	77.91000	4/7/2022	10:40:32	D	18.50
435	HOSHANGABAD	ITARSI	Terra	22.61500	77.94700	4/7/2022	10:40:32	D	24.70
436	HOSHANGABAD	ITARSI	Terra	22.62600	77.70200	4/7/2022	10:40:32	D	15.70
437	HOSHANGABAD	ITARSI	Terra	22.63100	77.82700	4/7/2022	10:40:32	D	13.00
438	HOSHANGABAD	ITARSI	Terra	22.63600	77.70400	4/7/2022	10:40:32	D	18.70
439	HOSHANGABAD	ITARSI	Terra	22.64100	77.82900	4/7/2022	10:40:32	D	23.90
440	HOSHANGABAD	PIPARIYA	npp	22.67210	78.33820	4/7/2022	01:10:26	N	1.80
441	HOSHANGABAD	PIPARIYA	npp	22.67230	78.34120	4/7/2022	02:50:01	N	1.10
442	HOSHANGABAD	PIPARIYA	npp	22.67310	78.33800	4/7/2022	02:50:01	N	1.70
443	HOSHANGABAD	PIPARIYA	npp	22.67370	78.33560	4/7/2022	02:50:01	N	2.30
444	HOSHANGABAD	PIPARIYA	npp	22.67390	78.33700	4/7/2022	01:10:26	N	1.80
445	HOSHANGABAD	PIPARIYA	npp	22.67450	78.33240	4/7/2022	02:50:01	N	1.70
446	HOSHANGABAD	PIPARIYA	npp	22.67710	78.31900	4/7/2022	14:00:01	D	12.10
447	HOSHANGABAD	PIPARIYA	npp	22.67710	78.32290	4/7/2022	14:00:01	D	9.20
448	HOSHANGABAD	PIPARIYA	npp	22.67790	78.34400	4/7/2022	01:10:26	N	1.40
449	HOSHANGABAD	PIPARIYA	npp	22.67830	78.33880	4/7/2022	01:10:26	N	1.50
450	HOSHANGABAD	PIPARIYA	npp	22.67860	78.34310	4/7/2022	02:50:01	N	1.10
451	HOSHANGABAD	PIPARIYA	npp	22.67940	78.33990	4/7/2022	02:50:01	N	1.70
452	HOSHANGABAD	PIPARIYA	npp	22.67970	78.34280	4/7/2022	01:10:26	N	1.80
453	HOSHANGABAD	PIPARIYA	npp	22.68000	78.33750	4/7/2022	02:50:01	N	2.30
454	HOSHANGABAD	PIPARIYA	npp	22.68210	78.32240	4/7/2022	14:00:01	D	9.20
455	HOSHANGABAD	PIPARIYA	npp	22.68770	78.32410	4/7/2022	14:00:01	D	6.30
456	HOSHANGABAD	PIPARIYA	npp	22.68770	78.32800	4/7/2022	14:00:01	D	9.20
457	HOSHANGABAD	PIPARIYA	npp	22.68800	78.38400	4/7/2022	14:00:01	D	17.50
458	HOSHANGABAD	PIPARIYA	npp	22.68910	78.38610	4/7/2022	14:00:01	D	19.00

459	HOSHANGABAD	PIPARIYA	npp	22.69580	78.35630	4/7/2022	01:10:26	N	2.00
460	HOSHANGABAD	PIPARIYA	npp	22.69620	78.35100	4/7/2022	01:10:26	N	2.30
461	HOSHANGABAD	PIPARIYA	npp	22.69750	78.35500	4/7/2022	01:10:26	N	2.90
462	HOSHANGABAD	PIPARIYA	npp	22.69970	78.36740	4/7/2022	02:50:01	N	1.50
463	HOSHANGABAD	PIPARIYA	npp	22.70060	78.36430	4/7/2022	02:50:01	N	1.40
464	HOSHANGABAD	PIPARIYA	npp	22.70370	78.41450	4/7/2022	01:10:26	N	1.30
465	HOSHANGABAD	PIPARIYA	npp	22.70410	78.40930	4/7/2022	01:10:26	N	1.30
466	HOSHANGABAD	PIPARIYA	npp	22.71570	78.42090	4/7/2022	01:10:26	N	0.90
467	HOSHANGABAD	PIPARIYA	npp	22.71740	78.40020	4/7/2022	01:10:26	N	2.10
468	HOSHANGABAD	PIPARIYA	npp	22.71780	78.39500	4/7/2022	01:10:26	N	1.80
469	HOSHANGABAD	PIPARIYA	npp	22.71800	78.40310	4/7/2022	02:50:01	N	1.60
470	HOSHANGABAD	PIPARIYA	npp	22.71940	78.39750	4/7/2022	02:50:01	N	2.10
471	HOSHANGABAD	PIPARIYA	npp	22.72150	78.34820	4/7/2022	01:10:26	N	1.90
472	HOSHANGABAD	PIPARIYA	npp	22.72190	78.34290	4/7/2022	01:10:26	N	1.30
473	HOSHANGABAD	PIPARIYA	npp	22.72190	78.42140	4/7/2022	01:10:26	N	0.80
474	HOSHANGABAD	PIPARIYA	npp	22.72930	78.40660	4/7/2022	01:10:26	N	1.00
475	HOSHANGABAD	PIPARIYA	npp	22.72980	78.40140	4/7/2022	01:10:26	N	1.00
476	HOSHANGABAD	PIPARIYA	npp	22.73250	78.42310	4/7/2022	14:00:01	D	7.80
477	HOSHANGABAD	PIPARIYA	npp	22.73760	78.42260	4/7/2022	14:00:01	D	11.80
478	HOSHANGABAD	PIPARIYA	npp	22.74680	78.42370	4/7/2022	02:50:01	N	0.80
479	HOSHANGABAD	PIPARIYA	npp	22.74890	78.43400	4/7/2022	14:00:01	D	10.40
480	HOSHANGABAD	PIPARIYA	npp	22.75400	78.43350	4/7/2022	14:00:01	D	10.40
481	HOSHANGABAD	PIPARIYA	npp	22.75900	78.43290	4/7/2022	14:00:01	D	2.70
482	HOSHANGABAD	PIPARIYA	npp	22.75910	78.42500	4/7/2022	01:10:26	N	1.10
483	HOSHANGABAD	PIPARIYA	npp	22.75940	78.42750	4/7/2022	02:50:01	N	1.00
484	HOSHANGABAD	PIPARIYA	npp	22.75990	78.42830	4/7/2022	02:50:01	N	0.90
485	HOSHANGABAD	PIPARIYA	npp	22.76880	78.43690	4/7/2022	01:10:26	N	1.10
486	HOSHANGABAD	PIPARIYA	npp	22.77070	78.43670	4/7/2022	01:10:26	N	0.80
487	HOSHANGABAD	PIPARIYA	npp	22.77070	78.43680	4/7/2022	02:50:01	N	1.30
488	HOSHANGABAD	PIPARIYA	npp	22.77110	78.43750	4/7/2022	02:50:01	N	0.80
489	HOSHANGABAD	PIPARIYA	npp	22.77840	78.47410	4/7/2022	01:10:26	N	0.80
490	HOSHANGABAD	PIPARIYA	npp	22.78000	78.47370	4/7/2022	01:10:26	N	2.80
491	HOSHANGABAD	PIPARIYA	npp	22.78800	78.42350	4/7/2022	14:00:01	D	117.20

492	HOSHANGABAD	PIPARIYA	npp	22.78870	78.42340	4/7/2022	14:00:01	D	64.20
493	HOSHANGABAD	PIPARIYA	npp	22.79300	78.42300	4/7/2022	14:00:01	D	64.30
494	HOSHANGABAD	PIPARIYA	npp	22.79360	78.42930	4/7/2022	14:00:01	D	142.50
495	HOSHANGABAD	PIPARIYA	npp	22.79370	78.42290	4/7/2022	14:00:01	D	64.20
496	HOSHANGABAD	PIPARIYA	npp	22.79430	78.42920	4/7/2022	14:00:01	D	64.20
497	HOSHANGABAD	PIPARIYA	npp	22.79500	78.43540	4/7/2022	14:00:01	D	68.40
498	HOSHANGABAD	PIPARIYA	npp	22.79750	78.41620	4/7/2022	14:00:01	D	64.30
499	HOSHANGABAD	PIPARIYA	npp	22.79810	78.41620	4/7/2022	14:00:01	D	16.80
500	HOSHANGABAD	PIPARIYA	npp	22.79810	78.42240	4/7/2022	14:00:01	D	64.30
501	HOSHANGABAD	PIPARIYA	npp	22.79870	78.42240	4/7/2022	14:00:01	D	12.90
502	HOSHANGABAD	PIPARIYA	npp	22.79940	78.42860	4/7/2022	14:00:01	D	12.90
503	HOSHANGABAD	PIPARIYA	npp	22.80200	78.39160	4/7/2022	02:50:01	N	1.20
504	HOSHANGABAD	PIPARIYA	npp	22.80250	78.40940	4/7/2022	14:00:01	D	16.80
505	HOSHANGABAD	PIPARIYA	npp	22.80250	78.41570	4/7/2022	14:00:01	D	12.60
506	HOSHANGABAD	PIPARIYA	npp	22.80270	78.39230	4/7/2022	02:50:01	N	1.60
507	HOSHANGABAD	PIPARIYA	npp	22.80310	78.42190	4/7/2022	14:00:01	D	12.60
508	HOSHANGABAD	PIPARIYA	npp	22.80320	78.41560	4/7/2022	14:00:01	D	16.80
509	HOSHANGABAD	PIPARIYA	npp	22.80370	78.42820	4/7/2022	14:00:01	D	46.90
510	HOSHANGABAD	PIPARIYA	npp	22.80440	78.42810	4/7/2022	14:00:01	D	12.90
511	HOSHANGABAD	PIPARIYA	npp	22.80700	78.40880	4/7/2022	14:00:01	D	10.80
512	HOSHANGABAD	PIPARIYA	npp	22.80760	78.41510	4/7/2022	14:00:01	D	12.60
513	HOSHANGABAD	PIPARIYA	npp	22.80820	78.41510	4/7/2022	14:00:01	D	18.00
514	HOSHANGABAD	PIPARIYA	npp	22.80880	78.42760	4/7/2022	14:00:01	D	46.90
515	HOSHANGABAD	PIPARIYA	npp	22.80950	78.42760	4/7/2022	14:00:01	D	31.20
516	HOSHANGABAD	PIPARIYA	npp	22.81260	78.41460	4/7/2022	14:00:01	D	14.20
517	HOSHANGABAD	PIPARIYA	npp	22.81320	78.41450	4/7/2022	14:00:01	D	18.00
518	HOSHANGABAD	PIPARIYA	npp	22.81320	78.42080	4/7/2022	14:00:01	D	14.20
519	HOSHANGABAD	PIPARIYA	npp	22.81390	78.42080	4/7/2022	14:00:01	D	31.20
520	HOSHANGABAD	PIPARIYA	npp	22.81450	78.42700	4/7/2022	14:00:01	D	31.20
521	HOSHANGABAD	PIPARIYA	npp	22.81830	78.42030	4/7/2022	14:00:01	D	14.20
522	HOSHANGABAD	PIPARIYA	npp	22.95200	78.41790	4/7/2022	02:50:01	N	2.70
523	HOSHANGABAD	PIPARIYA	npp	22.95690	78.40900	4/7/2022	01:10:26	N	1.20
524	HOSHANGABAD	PIPARIYA	npp	22.97080	78.42970	4/7/2022	02:50:01	N	0.80

525	HOSHANGABAD	PIPARIYA	Terra	22.67800	78.33100	4/7/2022	10:40:32	D	13.70
526	HOSHANGABAD	PIPARIYA	Terra	22.75700	78.43000	4/7/2022	10:40:32	D	24.90
527	HOSHANGABAD	PIPARIYA	Terra	22.77000	78.32700	4/7/2022	10:40:32	D	14.10
528	HOSHANGABAD	SEONI MALWA	npp	22.32730	77.37420	4/7/2022	02:50:01	N	0.60
529	HOSHANGABAD	SEONI MALWA	npp	22.32850	77.36920	4/7/2022	02:50:01	N	0.60
530	HOSHANGABAD	SEONI MALWA	npp	22.34990	77.33460	4/7/2022	01:10:26	N	0.80
531	HOSHANGABAD	SEONI MALWA	npp	22.35500	77.33580	4/7/2022	01:10:26	N	1.90
532	HOSHANGABAD	SEONI MALWA	npp	22.35640	77.33520	4/7/2022	01:10:26	N	0.80
533	HOSHANGABAD	SEONI MALWA	npp	22.49630	77.31090	4/7/2022	02:50:01	N	1.30
534	HOSHANGABAD	SEONI MALWA	npp	22.49730	77.30720	4/7/2022	02:50:01	N	1.10
535	HOSHANGABAD	SEONI MALWA	npp	22.50630	77.32470	4/7/2022	01:10:26	N	0.90
536	HOSHANGABAD	SEONI MALWA	npp	22.52380	77.54890	4/7/2022	14:00:01	D	7.00
537	HOSHANGABAD	SEONI MALWA	npp	22.52550	77.45660	4/7/2022	02:50:01	N	2.00
538	HOSHANGABAD	SEONI MALWA	npp	22.52670	77.45160	4/7/2022	02:50:01	N	2.00
539	HOSHANGABAD	SEONI MALWA	npp	22.53270	77.45330	4/7/2022	02:50:01	N	1.10
540	HOSHANGABAD	SEONI MALWA	npp	22.54190	77.54330	4/7/2022	01:10:26	N	0.60
541	HOSHANGABAD	SEONI MALWA	npp	22.54210	77.54310	4/7/2022	01:10:26	N	0.60
542	HOSHANGABAD	SEONI MALWA	npp	22.58260	77.55860	4/7/2022	14:00:01	D	6.10
543	HOSHANGABAD	SEONI MALWA	npp	22.60660	77.55540	4/7/2022	01:10:26	N	0.40
544	HOSHANGABAD	SEONI MALWA	Terra	22.53900	77.49400	4/7/2022	10:40:32	D	10.70
545	HOSHANGABAD	SOHAGPUR	npp	22.66670	78.19870	4/7/2022	02:50:01	N	0.50
546	HOSHANGABAD	SOHAGPUR	npp	22.66850	78.16380	4/7/2022	02:50:01	N	1.90
547	HOSHANGABAD	SOHAGPUR	npp	22.66900	78.16610	4/7/2022	01:10:26	N	1.60
548	HOSHANGABAD	SOHAGPUR	npp	22.66950	78.16080	4/7/2022	01:10:26	N	1.30
549	HOSHANGABAD	SOHAGPUR	npp	22.68380	78.14060	4/7/2022	01:10:26	N	0.60
550	HOSHANGABAD	SOHAGPUR	npp	22.69880	78.14910	4/7/2022	02:50:01	N	1.40
551	HOSHANGABAD	SOHAGPUR	npp	22.70300	78.27680	4/7/2022	14:00:01	D	9.70
552	HOSHANGABAD	SOHAGPUR	npp	22.70920	78.28850	4/7/2022	14:00:01	D	15.60
553	HOSHANGABAD	SOHAGPUR	npp	22.70990	78.20770	4/7/2022	01:10:26	N	3.10
554	HOSHANGABAD	SOHAGPUR	npp	22.71180	78.20590	4/7/2022	02:50:01	N	0.90
555	HOSHANGABAD	SOHAGPUR	npp	22.71190	78.20940	4/7/2022	02:50:01	N	0.80
556	HOSHANGABAD	SOHAGPUR	npp	22.71240	78.26960	4/7/2022	14:00:01	D	12.80
557	HOSHANGABAD	SOHAGPUR	npp	22.71280	78.28700	4/7/2022	02:50:01	N	1.30

558	HOSHANGABAD	SOHAGPUR	npp	22.71350	78.20940	4/7/2022	01:10:26	N	1.70
559	HOSHANGABAD	SOHAGPUR	npp	22.71360	78.28930	4/7/2022	01:10:26	N	0.90
560	HOSHANGABAD	SOHAGPUR	npp	22.71390	78.20410	4/7/2022	01:10:26	N	4.40
561	HOSHANGABAD	SOHAGPUR	npp	22.71400	78.28410	4/7/2022	01:10:26	N	0.90
562	HOSHANGABAD	SOHAGPUR	npp	22.71620	78.20830	4/7/2022	01:10:26	N	3.10
563	HOSHANGABAD	SOHAGPUR	npp	22.71670	78.20300	4/7/2022	01:10:26	N	3.10
564	HOSHANGABAD	SOHAGPUR	npp	22.71800	78.27520	4/7/2022	14:00:01	D	12.80
565	HOSHANGABAD	SOHAGPUR	npp	22.71810	78.20770	4/7/2022	02:50:01	N	1.20
566	HOSHANGABAD	SOHAGPUR	npp	22.71820	78.21120	4/7/2022	02:50:01	N	0.90
567	HOSHANGABAD	SOHAGPUR	npp	22.71940	78.20220	4/7/2022	02:50:01	N	1.20
568	HOSHANGABAD	SOHAGPUR	npp	22.71950	78.20560	4/7/2022	02:50:01	N	2.20
569	HOSHANGABAD	SOHAGPUR	npp	22.71980	78.21000	4/7/2022	01:10:26	N	1.70
570	HOSHANGABAD	SOHAGPUR	npp	22.72020	78.20470	4/7/2022	01:10:26	N	4.40
571	HOSHANGABAD	SOHAGPUR	npp	22.72920	78.28630	4/7/2022	14:00:01	D	28.20
572	HOSHANGABAD	SOHAGPUR	npp	22.73320	78.17560	4/7/2022	14:00:01	D	22.20
573	HOSHANGABAD	SOHAGPUR	npp	22.73810	78.17500	4/7/2022	14:00:01	D	22.20
574	HOSHANGABAD	SOHAGPUR	npp	22.73880	78.18180	4/7/2022	02:50:01	N	1.40
575	HOSHANGABAD	SOHAGPUR	npp	22.74110	78.17980	4/7/2022	01:10:26	N	2.30
576	HOSHANGABAD	SOHAGPUR	npp	22.74990	78.19200	4/7/2022	14:00:01	D	14.20
577	HOSHANGABAD	SOHAGPUR	npp	22.75490	78.19140	4/7/2022	14:00:01	D	8.30
578	HOSHANGABAD	SOHAGPUR	npp	22.76910	78.24970	4/7/2022	02:50:01	N	0.40
579	HOSHANGABAD	SOHAGPUR	npp	22.77330	78.25250	4/7/2022	01:10:26	N	2.60
580	HOSHANGABAD	SOHAGPUR	npp	22.77370	78.24730	4/7/2022	01:10:26	N	2.60
581	HOSHANGABAD	SOHAGPUR	npp	22.77790	78.31820	4/7/2022	14:00:01	D	10.00
582	HOSHANGABAD	SOHAGPUR	npp	22.77800	78.31800	4/7/2022	14:00:01	D	8.80
583	HOSHANGABAD	SOHAGPUR	npp	22.79930	78.17410	4/7/2022	14:00:01	D	12.80
584	HOSHANGABAD	SOHAGPUR	npp	22.80390	78.27180	4/7/2022	14:00:01	D	9.80
585	HOSHANGABAD	SOHAGPUR	npp	22.80530	78.26640	4/7/2022	02:50:01	N	1.30
586	HOSHANGABAD	SOHAGPUR	Terra	22.79800	78.26100	4/7/2022	10:40:32	D	19.50
587	HOSHANGABAD	SOHAGPUR	Terra	22.80000	78.26800	4/7/2022	10:40:32	D	18.80
588	INDORE	DEPALPUR	npp	22.84300	75.54310	4/7/2022	02:50:01	N	0.90
589	INDORE	INDORE	npp	22.67180	76.02960	4/7/2022	14:00:01	D	14.00
590	INDORE	INDORE	npp	22.76740	75.96530	4/7/2022	14:00:01	D	6.60

591	INDORE	MHOW	npp	22.50050	75.76260	4/7/2022	02:50:01	N	1.00
592	INDORE	SANWER	npp	22.85120	75.83930	4/7/2022	02:50:01	N	0.90
593	INDORE	SANWER	npp	22.85490	75.84080	4/7/2022	02:50:01	N	2.00
594	INDORE	SANWER	npp	22.92750	75.74870	4/7/2022	14:00:01	D	14.60
595	INDORE	SANWER	npp	22.97840	75.85590	4/7/2022	02:50:01	N	0.50
596	INDORE	SANWER	npp	22.99190	75.86760	4/7/2022	14:00:01	D	7.60
597	INDORE	SANWER	npp	22.99540	75.85520	4/7/2022	01:10:26	N	0.80
598	INDORE	SANWER	npp	23.00530	75.87030	4/7/2022	14:00:01	D	6.50
599	INDORE	SANWER	npp	23.01770	75.86430	4/7/2022	14:00:01	D	6.00
600	INDORE	SANWER	Terra	23.01300	75.86100	4/7/2022	10:40:32	D	76.10
601	INDORE	SANWER	Terra	23.01500	75.84400	4/7/2022	10:40:32	D	25.40
602	JABALPUR	JABALPUR	npp	23.23810	79.91190	4/7/2022	01:10:26	N	1.60
603	JABALPUR	JABALPUR	npp	23.23830	79.84390	4/7/2022	01:10:26	N	1.60
604	JABALPUR	JABALPUR	npp	23.28600	79.89160	4/7/2022	01:10:26	N	1.20
605	JABALPUR	JABALPUR	npp	23.28630	79.88740	4/7/2022	01:10:26	N	1.20
606	JABALPUR	JABALPUR	npp	23.28770	79.89150	4/7/2022	01:10:26	N	1.30
607	JABALPUR	JABALPUR	npp	23.28810	79.88720	4/7/2022	01:10:26	N	1.30
608	JABALPUR	JABALPUR	npp	23.29590	79.84580	4/7/2022	01:10:26	N	1.10
609	JABALPUR	JABALPUR	npp	23.30120	79.85060	4/7/2022	01:10:26	N	0.70
610	JABALPUR	JABALPUR	npp	23.30270	79.85040	4/7/2022	01:10:26	N	0.40
611	JABALPUR	JABALPUR	npp	23.32050	79.91200	4/7/2022	01:10:26	N	0.60
612	JABALPUR	JABALPUR	npp	23.32270	79.88670	4/7/2022	01:10:26	N	2.60
613	JABALPUR	JABALPUR	npp	23.34170	80.06130	4/7/2022	01:10:26	N	3.40
614	JABALPUR	JABALPUR	npp	23.34740	80.06190	4/7/2022	01:10:26	N	3.40
615	JABALPUR	JABALPUR	npp	23.35210	79.94500	4/7/2022	01:10:26	N	0.70
616	JABALPUR	JABALPUR	Terra	23.24800	79.89500	4/7/2022	10:40:32	D	13.40
617	JABALPUR	JABALPUR	Terra	23.31400	79.87600	4/7/2022	21:35:53	N	42.80
618	JABALPUR	JABALPUR	Terra	23.32100	79.91300	4/7/2022	21:35:53	N	28.40
619	JABALPUR	JABALPUR	Terra	23.32700	79.90500	4/7/2022	21:35:53	N	30.10
620	JABALPUR	JABALPUR	Terra	23.33700	79.91600	4/7/2022	10:40:32	D	17.10
621	JABALPUR	KUNDAM	Terra	23.31100	80.25700	4/7/2022	21:35:53	N	26.80
622	JABALPUR	KUNDAM	Terra	23.31800	80.26000	4/7/2022	21:35:53	N	24.40
623	JABALPUR	MAJHOULI	npp	23.37150	79.98500	4/7/2022	01:10:26	N	10.70

624	JABALPUR	MAJHOULI	npp	23.37180	79.98080	4/7/2022	01:10:26	N	10.70
625	JABALPUR	MAJHOULI	npp	23.37220	79.97670	4/7/2022	01:10:26	N	9.90
626	JABALPUR	MAJHOULI	npp	23.37420	79.98370	4/7/2022	01:10:26	N	6.00
627	JABALPUR	MAJHOULI	npp	23.37450	79.97960	4/7/2022	01:10:26	N	6.00
628	JABALPUR	MAJHOULI	npp	23.37490	79.97540	4/7/2022	01:10:26	N	3.10
629	JABALPUR	MAJHOULI	npp	23.41390	79.98810	4/7/2022	01:10:26	N	3.50
630	JABALPUR	MAJHOULI	npp	23.44780	80.05880	4/7/2022	01:10:26	N	1.70
631	JABALPUR	MAJHOULI	npp	23.45410	80.05110	4/7/2022	01:10:26	N	1.80
632	JABALPUR	MAJHOULI	npp	23.45510	79.97570	4/7/2022	01:10:26	N	1.10
633	JABALPUR	MAJHOULI	npp	23.45950	79.98380	4/7/2022	02:50:01	N	5.10
634	JABALPUR	MAJHOULI	npp	23.45970	79.98320	4/7/2022	02:50:01	N	4.10
635	JABALPUR	MAJHOULI	npp	23.45970	79.98890	4/7/2022	01:10:26	N	0.60
636	JABALPUR	MAJHOULI	npp	23.45980	80.05170	4/7/2022	01:10:26	N	1.70
637	JABALPUR	MAJHOULI	npp	23.46130	79.97700	4/7/2022	02:50:01	N	5.80
638	JABALPUR	MAJHOULI	npp	23.46150	79.97640	4/7/2022	02:50:01	N	4.10
639	JABALPUR	MAJHOULI	npp	23.46770	80.02750	4/7/2022	01:10:26	N	1.20
640	JABALPUR	MAJHOULI	npp	23.47190	80.04470	4/7/2022	01:10:26	N	2.90
641	JABALPUR	MAJHOULI	npp	23.47290	79.99250	4/7/2022	12:20:26	D	8.20
642	JABALPUR	MAJHOULI	npp	23.47340	80.02820	4/7/2022	01:10:26	N	1.00
643	JABALPUR	MAJHOULI	npp	23.47370	80.02400	4/7/2022	01:10:26	N	1.00
644	JABALPUR	MAJHOULI	npp	23.47390	80.04650	4/7/2022	01:10:26	N	1.40
645	JABALPUR	MAJHOULI	npp	23.47430	80.04240	4/7/2022	01:10:26	N	1.50
646	JABALPUR	MAJHOULI	npp	23.48240	80.01390	4/7/2022	01:10:26	N	2.60
647	JABALPUR	MAJHOULI	npp	23.48270	80.00980	4/7/2022	01:10:26	N	2.60
648	JABALPUR	MAJHOULI	npp	23.48620	80.01270	4/7/2022	01:10:26	N	9.10
649	JABALPUR	MAJHOULI	npp	23.48810	80.01450	4/7/2022	01:10:26	N	3.50
650	JABALPUR	MAJHOULI	npp	23.48840	80.01040	4/7/2022	01:10:26	N	4.40
651	JABALPUR	MAJHOULI	npp	23.49640	80.02640	4/7/2022	01:10:26	N	0.50
652	JABALPUR	MAJHOULI	npp	23.49760	79.95080	4/7/2022	01:10:26	N	0.80
653	JABALPUR	MAJHOULI	npp	23.49870	80.02410	4/7/2022	01:10:26	N	0.60
654	JABALPUR	MAJHOULI	npp	23.49900	79.95250	4/7/2022	01:10:26	N	0.80
655	JABALPUR	MAJHOULI	npp	23.52180	79.88680	4/7/2022	01:10:26	N	0.50
656	JABALPUR	MAJHOULI	npp	23.53470	79.87140	4/7/2022	01:10:26	N	2.20

657	JABALPUR	MAJHOULI	npp	23.54860	79.91110	4/7/2022	01:10:26	N	1.20
658	JABALPUR	MAJHOULI	npp	23.55560	80.15540	4/7/2022	01:10:26	N	0.70
659	JABALPUR	MAJHOULI	npp	23.57530	79.93530	4/7/2022	01:10:26	N	1.30
660	JABALPUR	MAJHOULI	npp	23.57570	79.93110	4/7/2022	01:10:26	N	1.30
661	JABALPUR	PATAN	npp	23.23260	79.84330	4/7/2022	01:10:26	N	1.60
662	JABALPUR	PATAN	npp	23.29020	79.84520	4/7/2022	01:10:26	N	1.10
663	JABALPUR	PATAN	npp	23.29060	79.84090	4/7/2022	01:10:26	N	1.60
664	JABALPUR	PATAN	npp	23.29160	79.84500	4/7/2022	01:10:26	N	2.30
665	JABALPUR	PATAN	npp	23.29200	79.84070	4/7/2022	01:10:26	N	3.30
666	JABALPUR	PATAN	npp	23.29630	79.84150	4/7/2022	01:10:26	N	1.60
667	JABALPUR	SIHORA	npp	23.39990	80.18220	4/7/2022	02:50:01	N	0.90
668	JABALPUR	SIHORA	npp	23.40090	80.18340	4/7/2022	02:50:01	N	1.30
669	JABALPUR	SIHORA	npp	23.40280	80.18200	4/7/2022	01:10:26	N	0.40
670	JABALPUR	SIHORA	npp	23.40460	80.09570	4/7/2022	01:10:26	N	0.60
671	JABALPUR	SIHORA	npp	23.40670	80.18430	4/7/2022	02:50:01	N	0.90
672	JABALPUR	SIHORA	npp	23.41170	80.27220	4/7/2022	01:10:26	N	0.60
673	JABALPUR	SIHORA	npp	23.44390	80.16580	4/7/2022	01:10:26	N	1.70
674	JABALPUR	SIHORA	npp	23.45080	80.08820	4/7/2022	01:10:26	N	1.00
675	JABALPUR	SIHORA	npp	23.45470	80.08590	4/7/2022	02:50:01	N	3.80
676	JABALPUR	SIHORA	npp	23.45510	80.08690	4/7/2022	02:50:01	N	2.40
677	JABALPUR	SIHORA	npp	23.45510	80.16710	4/7/2022	01:10:26	N	0.60
678	JABALPUR	SIHORA	npp	23.45650	80.08880	4/7/2022	01:10:26	N	1.30
679	JABALPUR	SIHORA	npp	23.45690	80.07990	4/7/2022	02:50:01	N	2.10
680	JABALPUR	SIHORA	npp	23.45690	80.08470	4/7/2022	01:10:26	N	1.20
681	JABALPUR	SIHORA	npp	23.45770	80.20010	4/7/2022	01:10:26	N	0.90
682	JABALPUR	SIHORA	npp	23.46050	80.20620	4/7/2022	01:10:26	N	0.60
683	JABALPUR	SIHORA	npp	23.46080	80.20220	4/7/2022	01:10:26	N	0.60
684	JABALPUR	SIHORA	npp	23.46300	80.20480	4/7/2022	01:10:26	N	1.60
685	JABALPUR	SIHORA	npp	23.46320	80.17380	4/7/2022	01:10:26	N	2.00
686	JABALPUR	SIHORA	npp	23.46340	80.20070	4/7/2022	01:10:26	N	0.90
687	JABALPUR	SIHORA	npp	23.46510	80.21900	4/7/2022	01:10:26	N	0.70
688	JABALPUR	SIHORA	npp	23.46560	80.17640	4/7/2022	01:10:26	N	1.30
689	JABALPUR	SIHORA	npp	23.46600	80.17230	4/7/2022	01:10:26	N	1.30

690	JABALPUR	SIHORA	npp	23.46640	80.20280	4/7/2022	01:10:26	N	0.60
691	JABALPUR	SIHORA	npp	23.46710	80.22150	4/7/2022	01:10:26	N	0.90
692	JABALPUR	SIHORA	npp	23.46750	80.21750	4/7/2022	01:10:26	N	1.50
693	JABALPUR	SIHORA	npp	23.48050	80.13710	4/7/2022	01:10:26	N	0.50
694	JABALPUR	SIHORA	npp	23.48200	80.24340	4/7/2022	01:10:26	N	0.50
695	JABALPUR	SIHORA	npp	23.48570	80.24170	4/7/2022	01:10:26	N	0.40
696	JABALPUR	SIHORA	npp	23.50610	80.13740	4/7/2022	01:10:26	N	0.40
697	JABALPUR	SIHORA	Terra	23.37600	80.09100	4/7/2022	21:35:53	N	63.20
698	JABALPUR	SIHORA	Terra	23.38300	80.08200	4/7/2022	21:35:53	N	93.90
699	JABALPUR	SIHORA	Terra	23.39100	80.08700	4/7/2022	21:35:53	N	31.80
700	KATNI	BAHURIBAND	npp	23.59780	80.23950	4/7/2022	14:00:01	D	5.40
701	KATNI	DHIMERKHEDA	npp	23.36890	80.37570	4/7/2022	01:10:26	N	0.40
702	KATNI	DHIMERKHEDA	npp	23.38790	80.34020	4/7/2022	02:50:01	N	1.60
703	KATNI	DHIMERKHEDA	npp	23.38970	80.34200	4/7/2022	02:50:01	N	2.00
704	KATNI	DHIMERKHEDA	npp	23.38980	80.33300	4/7/2022	02:50:01	N	1.60
705	KATNI	DHIMERKHEDA	npp	23.39150	80.33480	4/7/2022	02:50:01	N	2.70
706	KATNI	DHIMERKHEDA	npp	23.64570	80.47120	4/7/2022	14:00:01	D	3.10
707	KATNI	MURBARA	npp	23.67370	80.45760	4/7/2022	14:00:01	D	3.70
708	MANDLA	MEHADWANI	npp	23.11620	80.57490	4/7/2022	01:10:26	N	1.00
709	MANDLA	MEHADWANI	npp	23.11770	80.57410	4/7/2022	01:10:26	N	0.50
710	NARSHIMAPURA	GADARWARA	npp	22.89450	78.64480	4/7/2022	01:10:26	N	0.70
711	NARSHIMAPURA	GADARWARA	npp	22.97020	78.53240	4/7/2022	01:10:26	N	2.20
712	NARSHIMAPURA	GADARWARA	npp	22.97160	78.53510	4/7/2022	01:10:26	N	1.60
713	NARSHIMAPURA	GADARWARA	npp	22.97820	78.53060	4/7/2022	01:10:26	N	1.60
714	NIMACH	JAWAD	npp	24.57880	74.80520	4/7/2022	02:50:01	N	1.30
715	RAISEN	BAGAMGANJ	npp	23.63150	78.38800	4/7/2022	01:10:26	N	0.90
716	RAISEN	BAGAMGANJ	npp	23.63290	78.39300	4/7/2022	02:50:01	N	0.70
717	RAISEN	BAGAMGANJ	npp	23.63490	78.38840	4/7/2022	01:10:26	N	1.00
718	RAISEN	BAGAMGANJ	npp	23.63650	78.36710	4/7/2022	01:10:26	N	0.70
719	RAISEN	BAGAMGANJ	npp	23.63950	78.36730	4/7/2022	01:10:26	N	1.90
720	RAISEN	BAGAMGANJ	npp	23.64270	78.36770	4/7/2022	01:10:26	N	0.80
721	RAISEN	BAGAMGANJ	npp	23.67030	78.44200	4/7/2022	02:50:01	N	0.80
722	RAISEN	BAGAMGANJ	npp	23.67520	78.35370	4/7/2022	14:00:01	D	5.10

723	RAISEN	BAGAMGANJ	npp	23.68200	78.35510	4/7/2022	02:50:01	N	0.40
724	RAISEN	BAGAMGANJ	Terra	23.53200	78.26400	4/7/2022	10:40:32	D	27.90
725	RAISEN	BARELI	npp	22.92570	78.24690	4/7/2022	01:10:26	N	0.90
726	RAISEN	BARELI	npp	22.92610	78.24160	4/7/2022	01:10:26	N	0.90
727	RAISEN	BARELI	npp	22.92900	78.06860	4/7/2022	02:50:01	N	0.60
728	RAISEN	BARELI	npp	22.93190	78.24760	4/7/2022	01:10:26	N	4.60
729	RAISEN	BARELI	npp	22.93240	78.24230	4/7/2022	01:10:26	N	4.60
730	RAISEN	BARELI	npp	22.93280	78.23690	4/7/2022	01:10:26	N	3.80
731	RAISEN	BARELI	npp	22.93290	78.24490	4/7/2022	02:50:01	N	2.50
732	RAISEN	BARELI	npp	22.93400	78.24550	4/7/2022	02:50:01	N	2.50
733	RAISEN	BARELI	npp	22.93820	78.10110	4/7/2022	14:00:01	D	11.70
734	RAISEN	BARELI	npp	22.93880	78.10710	4/7/2022	14:00:01	D	16.90
735	RAISEN	BARELI	npp	22.94050	78.24120	4/7/2022	02:50:01	N	2.60
736	RAISEN	BARELI	npp	22.94160	78.24180	4/7/2022	02:50:01	N	2.40
737	RAISEN	BARELI	npp	22.94250	78.09460	4/7/2022	14:00:01	D	11.70
738	RAISEN	BARELI	npp	22.94980	78.09190	4/7/2022	02:50:01	N	0.40
739	RAISEN	BARELI	npp	22.95960	78.13700	4/7/2022	01:10:26	N	2.60
740	RAISEN	BARELI	npp	22.96000	78.13160	4/7/2022	01:10:26	N	4.90
741	RAISEN	BARELI	npp	22.99120	78.14010	4/7/2022	01:10:26	N	1.20
742	RAISEN	BARELI	npp	22.99160	78.13470	4/7/2022	01:10:26	N	1.60
743	RAISEN	BARELI	npp	22.99350	78.13710	4/7/2022	01:10:26	N	3.30
744	RAISEN	BARELI	npp	22.99750	78.14070	4/7/2022	01:10:26	N	1.20
745	RAISEN	BARELI	npp	22.99790	78.13530	4/7/2022	01:10:26	N	1.60
746	RAISEN	BARELI	Terra	22.93400	78.09100	4/7/2022	10:40:32	D	12.10
747	RAISEN	GAIRATGANJ	npp	23.27920	78.05240	4/7/2022	01:10:26	N	1.80
748	RAISEN	GAIRATGANJ	npp	23.42620	78.17860	4/7/2022	14:00:01	D	16.00
749	RAISEN	GAIRATGANJ	npp	23.42670	78.18300	4/7/2022	14:00:01	D	11.30
750	RAISEN	GAIRATGANJ	npp	23.43960	78.16440	4/7/2022	01:10:26	N	0.90
751	RAISEN	GAIRATGANJ	npp	23.46670	78.17850	4/7/2022	14:00:01	D	7.20
752	RAISEN	GAIRATGANJ	npp	23.46730	78.18470	4/7/2022	14:00:01	D	7.20
753	RAISEN	GAIRATGANJ	Terra	23.44500	78.14800	4/7/2022	10:40:32	D	19.00
754	RAISEN	GOHARGANJ	npp	23.09570	77.97040	4/7/2022	01:10:26	N	0.50
755	RAISEN	RAISEN	npp	23.29870	77.70440	4/7/2022	01:10:26	N	0.80

756	RAISEN	SILVANI	npp	23.19340	78.45760	4/7/2022	01:10:26	N	1.00
757	RAISEN	SILVANI	npp	23.23500	78.29780	4/7/2022	01:10:26	N	1.10
758	RAISEN	SILVANI	npp	23.41190	78.56730	4/7/2022	01:10:26	N	2.20
759	RAISEN	SILVANI	npp	23.41230	78.56210	4/7/2022	01:10:26	N	2.20
760	RAISEN	SILVANI	npp	23.41290	78.56920	4/7/2022	01:10:26	N	2.00
761	RAISEN	SILVANI	npp	23.41330	78.56400	4/7/2022	01:10:26	N	2.00
762	RAISEN	SILVANI	Terra	23.22600	78.42500	4/7/2022	10:40:32	D	9.90
763	RAISEN	UDAIPURA	npp	23.04270	78.40440	4/7/2022	01:10:26	N	0.90
764	RAISEN	UDAIPURA	npp	23.04500	78.40280	4/7/2022	02:50:01	N	0.70
765	RAISEN	UDAIPURA	npp	23.09430	78.52550	4/7/2022	01:10:26	N	0.60
766	RAISEN	UDAIPURA	npp	23.09540	78.52440	4/7/2022	01:10:26	N	0.60
767	RAJGARH	BIYAVRA	npp	24.02570	77.17510	4/7/2022	01:10:26	N	0.70
768	RAJGARH	BIYAVRA	npp	24.02950	77.17930	4/7/2022	01:10:26	N	1.30
769	RAJGARH	BIYAVRA	npp	24.03240	77.17580	4/7/2022	01:10:26	N	0.70
770	RAJGARH	NARSINGHGAR	npp	23.51510	76.71190	4/7/2022	14:00:01	D	8.30
771	RAJGARH	NARSINGHGAR	npp	23.57100	77.01990	4/7/2022	14:00:01	D	11.00
772	RATLAM	ALOTOT	npp	23.83330	75.36820	4/7/2022	14:00:01	D	12.80
773	RATLAM	RATLAM	npp	23.28200	75.30480	4/7/2022	14:00:01	D	3.80
774	RATLAM	RATLAM	npp	23.30120	75.10490	4/7/2022	02:50:01	N	2.40
775	RATLAM	RATLAM	npp	23.30190	75.10140	4/7/2022	02:50:01	N	2.70
776	RATLAM	RATLAM	npp	23.30640	75.10620	4/7/2022	02:50:01	N	2.40
777	RATLAM	RATLAM	npp	23.30710	75.10280	4/7/2022	02:50:01	N	2.70
778	RATLAM	RATLAM	npp	23.33080	75.09190	4/7/2022	14:00:01	D	7.00
779	REWA	HANUMANA	npp	24.64550	82.20740	4/7/2022	14:00:01	D	8.40
780	REWA	HANUMANA	npp	24.64680	82.20580	4/7/2022	12:20:26	D	4.20
781	SAGAR	BINA	npp	24.09130	78.12560	4/7/2022	01:10:26	N	0.70
782	SAGAR	BINA	npp	24.35170	78.21760	4/7/2022	01:10:26	N	1.40
783	SAGAR	BINA	npp	24.35390	78.22120	4/7/2022	01:10:26	N	0.80
784	SAGAR	BINA	npp	24.35420	78.21570	4/7/2022	01:10:26	N	0.90
785	SAGAR	KESALI	npp	23.40010	78.79500	4/7/2022	01:10:26	N	0.30
786	SAGAR	KHURAI	npp	24.02460	78.63200	4/7/2022	01:10:26	N	0.80
787	SAGAR	KHURAI	npp	24.02500	78.62690	4/7/2022	01:10:26	N	1.00
788	SAGAR	KHURAI	npp	24.02900	78.63300	4/7/2022	01:10:26	N	1.00

789	SAGAR	KHURAI	npp	24.03080	78.63250	4/7/2022	01:10:26	N	0.80
790	SAGAR	KHURAI	npp	24.04680	78.42830	4/7/2022	14:00:01	D	14.60
791	SAGAR	KHURAI	npp	24.04710	78.43150	4/7/2022	14:00:01	D	14.60
792	SAGAR	RAHAT GARH	npp	23.66980	78.35110	4/7/2022	14:00:01	D	21.80
793	SAGAR	RAHAT GARH	npp	23.67010	78.35430	4/7/2022	14:00:01	D	31.30
794	SAGAR	RAHAT GARH	npp	23.67040	78.35750	4/7/2022	14:00:01	D	31.30
795	SAGAR	RAHAT GARH	npp	23.67490	78.35050	4/7/2022	14:00:01	D	3.20
796	SAGAR	RAHAT GARH	npp	23.69140	78.30390	4/7/2022	02:50:01	N	1.10
797	SAGAR	RAHAT GARH	npp	23.69210	78.30170	4/7/2022	01:10:26	N	2.00
798	SAGAR	RAHAT GARH	Terra	23.76200	78.30400	4/7/2022	10:40:32	D	14.10
799	SEHORE	AASHTA	npp	23.08770	76.71780	4/7/2022	02:50:01	N	0.80
800	SEHORE	AASHTA	npp	23.09230	76.71850	4/7/2022	02:50:01	N	0.50
801	SEHORE	BUDHNI	npp	22.70780	77.50800	4/7/2022	01:10:26	N	2.30
802	SEHORE	BUDHNI	npp	22.70820	77.50210	4/7/2022	01:10:26	N	2.30
803	SEHORE	BUDHNI	npp	22.74200	77.65810	4/7/2022	01:10:26	N	0.80
804	SEHORE	BUDHNI	npp	22.74210	77.65890	4/7/2022	01:10:26	N	0.70
805	SEHORE	BUDHNI	npp	22.79600	77.94080	4/7/2022	14:00:01	D	4.00
806	SEHORE	BUDHNI	npp	22.82000	77.40600	4/7/2022	01:10:26	N	1.30
807	SEHORE	BUDHNI	npp	22.86580	77.82490	4/7/2022	14:00:01	D	14.00
808	SEHORE	BUDHNI	npp	22.87010	77.81850	4/7/2022	14:00:01	D	9.40
809	SEHORE	BUDHNI	npp	22.87070	77.82430	4/7/2022	14:00:01	D	9.40
810	SEHORE	SEHORE	npp	23.35120	77.05960	4/7/2022	02:50:01	N	0.60
811	SEHORE	SEHORE	npp	23.35250	77.04370	4/7/2022	01:10:26	N	1.50
812	SEHORE	SEHORE	npp	23.35560	77.04130	4/7/2022	02:50:01	N	1.30
813	SEHORE	SEHORE	npp	23.39020	77.13080	4/7/2022	01:10:26	N	1.10
814	SEHORE	SEHORE	npp	23.39060	77.12440	4/7/2022	01:10:26	N	1.70
815	SEHORE	SEHORE	npp	23.50750	77.13680	4/7/2022	01:10:26	N	1.30
816	SEHORE	SEHORE	npp	23.51170	77.13470	4/7/2022	01:10:26	N	1.30
817	SEONI	LAKHNADOU	npp	22.50790	79.53200	4/7/2022	02:50:01	N	0.70
818	SEONI	LAKHNADOU	npp	22.50840	79.53150	4/7/2022	02:50:01	N	1.20
819	SHAH DOL	BEOHARI	npp	24.04420	81.47320	4/7/2022	14:00:01	D	6.60
820	SHAH DOL	BEOHARI	npp	24.12550	81.42070	4/7/2022	01:10:26	N	0.70
821	SHAJAPUR	BAROUD	npp	23.71780	75.79040	4/7/2022	14:00:01	D	48.30

822	SHAJAPUR	GULNA	npp	23.50760	76.60620	4/7/2022	01:10:26	N	1.50
823	SHAJAPUR	GULNA	Terra	23.43800	76.53700	4/7/2022	10:40:32	D	13.00
824	SHAJAPUR	SUJALPUR	npp	23.17050	76.56480	4/7/2022	14:00:01	D	9.20
825	SHAJAPUR	SUJALPUR	npp	23.17550	76.56910	4/7/2022	14:00:01	D	12.00
826	SHAJAPUR	SUJALPUR	npp	23.17640	76.53470	4/7/2022	14:00:01	D	20.50
827	SHAJAPUR	SUJALPUR	npp	23.18080	76.53420	4/7/2022	14:00:01	D	7.90
828	SHAJAPUR	SUJALPUR	npp	23.18140	76.53900	4/7/2022	14:00:01	D	7.50
829	UJJAIN	KACHROD	npp	23.50300	75.25640	4/7/2022	14:00:01	D	5.30
830	UJJAIN	KACHROD	npp	23.50710	75.25580	4/7/2022	14:00:01	D	12.10
831	UJJAIN	MEHIDPUR	npp	23.72160	75.78540	4/7/2022	14:00:01	D	10.90
832	UJJAIN	TARANA	npp	23.36960	76.08780	4/7/2022	01:10:26	N	4.20
833	UJJAIN	TARANA	npp	23.37300	76.08520	4/7/2022	01:10:26	N	2.90
834	UJJAIN	TARANA	npp	23.38100	76.01320	4/7/2022	14:00:01	D	8.90
835	VIDESHA	BASODA	npp	23.75200	77.89690	4/7/2022	14:00:01	D	10.20
836	VIDESHA	BASODA	npp	23.75410	77.92080	4/7/2022	01:10:26	N	0.50
837	VIDESHA	BASODA	npp	23.75560	78.04920	4/7/2022	02:50:01	N	0.90
838	VIDESHA	BASODA	npp	23.81080	78.20390	4/7/2022	01:10:26	N	1.10
839	VIDESHA	BASODA	npp	23.82430	78.19410	4/7/2022	01:10:26	N	1.00
840	VIDESHA	BASODA	npp	23.82620	78.19320	4/7/2022	01:10:26	N	0.90
841	VIDESHA	BASODA	npp	23.95770	77.89190	4/7/2022	01:10:26	N	1.20
842	VIDESHA	BASODA	Terra	23.83600	78.19900	4/7/2022	10:40:32	D	31.60
843	VIDESHA	BASODA	Terra	23.85400	77.97700	4/7/2022	10:40:32	D	13.90
844	VIDESHA	GYARASPUR	npp	23.55060	78.00280	4/7/2022	01:10:26	N	1.70
845	VIDESHA	GYARASPUR	npp	23.55110	77.99710	4/7/2022	01:10:26	N	1.70
846	VIDESHA	GYARASPUR	npp	23.55230	78.00420	4/7/2022	01:10:26	N	1.40
847	VIDESHA	GYARASPUR	npp	23.55270	77.99850	4/7/2022	01:10:26	N	2.90
848	VIDESHA	GYARASPUR	npp	23.57630	78.02920	4/7/2022	01:10:26	N	1.20
849	VIDESHA	GYARASPUR	npp	23.58990	78.01910	4/7/2022	01:10:26	N	2.10
850	VIDESHA	GYARASPUR	npp	23.60220	77.94060	4/7/2022	01:10:26	N	2.70
851	VIDESHA	GYARASPUR	npp	23.60260	77.93490	4/7/2022	01:10:26	N	3.20
852	VIDESHA	GYARASPUR	npp	23.60280	77.93700	4/7/2022	02:50:01	N	1.10
853	VIDESHA	GYARASPUR	npp	23.60390	77.91760	4/7/2022	01:10:26	N	1.00
854	VIDESHA	GYARASPUR	npp	23.63650	77.91490	4/7/2022	01:10:26	N	2.00

855	VIDESHA	GYARASPUR	npp	23.63690	77.91450	4/7/2022	01:10:26	N	1.20
856	VIDESHA	GYARASPUR	npp	23.66630	78.03180	4/7/2022	01:10:26	N	1.40
857	VIDESHA	GYARASPUR	npp	23.66670	78.02620	4/7/2022	01:10:26	N	1.40
858	VIDESHA	GYARASPUR	npp	23.66740	78.03170	4/7/2022	01:10:26	N	1.00
859	VIDESHA	GYARASPUR	npp	23.66780	78.02610	4/7/2022	01:10:26	N	1.50
860	VIDESHA	GYARASPUR	npp	23.66870	78.18960	4/7/2022	01:10:26	N	1.10
861	VIDESHA	GYARASPUR	npp	23.66910	78.19080	4/7/2022	02:50:01	N	1.20
862	VIDESHA	GYARASPUR	npp	23.66930	78.02930	4/7/2022	02:50:01	N	0.70
863	VIDESHA	GYARASPUR	npp	23.67220	78.03800	4/7/2022	01:10:26	N	1.10
864	VIDESHA	GYARASPUR	npp	23.67340	78.03790	4/7/2022	01:10:26	N	1.00
865	VIDESHA	GYARASPUR	npp	23.68110	77.92490	4/7/2022	01:10:26	N	0.70
866	VIDESHA	GYARASPUR	npp	23.68160	77.92460	4/7/2022	01:10:26	N	0.80
867	VIDESHA	GYARASPUR	npp	23.68540	78.19510	4/7/2022	14:00:01	D	21.10
868	VIDESHA	GYARASPUR	npp	23.69400	78.02640	4/7/2022	14:00:01	D	12.50
869	VIDESHA	GYARASPUR	Terra	23.47900	78.04800	4/7/2022	10:40:32	D	16.70
870	VIDESHA	GYARASPUR	Terra	23.51300	78.01600	4/7/2022	10:40:32	D	27.20
871	VIDESHA	KORWAI	npp	24.08630	78.09100	4/7/2022	01:10:26	N	1.10
872	VIDESHA	KORWAI	npp	24.08730	78.09110	4/7/2022	01:10:26	N	1.20
873	VIDESHA	KORWAI	npp	24.14420	77.95250	4/7/2022	02:50:01	N	2.80
874	VIDESHA	KORWAI	npp	24.14870	77.95890	4/7/2022	01:10:26	N	1.80
875	VIDESHA	KORWAI	npp	24.22690	78.04750	4/7/2022	14:00:01	D	4.50
876	VIDESHA	KORWAI	npp	24.23190	78.04700	4/7/2022	14:00:01	D	4.50
877	VIDESHA	KORWAI	npp	24.23200	78.05150	4/7/2022	14:00:01	D	9.10
878	VIDESHA	KORWAI	npp	24.24150	78.04410	4/7/2022	14:00:01	D	20.40
879	VIDESHA	KORWAI	npp	24.24190	78.04590	4/7/2022	14:00:01	D	28.80
880	VIDESHA	KORWAI	npp	24.24210	78.05040	4/7/2022	14:00:01	D	20.40
881	VIDESHA	KORWAI	npp	24.24260	78.05210	4/7/2022	14:00:01	D	12.70
882	VIDESHA	KORWAI	Terra	24.08800	77.97200	4/7/2022	10:40:32	D	12.10
883	VIDESHA	KORWAI	Terra	24.10600	77.91100	4/7/2022	10:40:32	D	19.80
884	VIDESHA	LETERI	npp	23.95470	77.36030	4/7/2022	14:00:01	D	11.40
885	VIDESHA	LETERI	npp	23.95480	77.35820	4/7/2022	14:00:01	D	7.60
886	VIDESHA	NATERAN	npp	23.77190	77.46330	4/7/2022	01:10:26	N	1.90
887	VIDESHA	NATERAN	npp	23.77400	77.46290	4/7/2022	01:10:26	N	1.00

888	VIDESHA	NATERAN	npp	23.85090	77.68190	4/7/2022	02:50:01	N	1.10
889	VIDESHA	NATERAN	npp	23.94430	77.59120	4/7/2022	14:00:01	D	7.50
890	VIDESHA	NATERAN	Terra	23.78100	77.57900	4/7/2022	10:40:32	D	17.00
891	VIDESHA	SIRANJ	npp	24.05910	77.75030	4/7/2022	02:50:01	N	0.60
892	VIDESHA	SIRANJ	npp	24.09490	77.79620	4/7/2022	01:10:26	N	1.00
893	VIDESHA	SIRANJ	npp	24.09540	77.79030	4/7/2022	01:10:26	N	1.10
894	VIDESHA	SIRANJ	npp	24.09570	77.79650	4/7/2022	01:10:26	N	0.90
895	VIDESHA	SIRANJ	npp	24.09620	77.79070	4/7/2022	01:10:26	N	0.90
896	VIDESHA	SIRANJ	npp	24.14960	77.76550	4/7/2022	01:10:26	N	1.20
897	VIDESHA	SIRANJ	npp	24.15000	77.75960	4/7/2022	01:10:26	N	1.50
898	VIDESHA	SIRANJ	npp	24.17880	77.71440	4/7/2022	01:10:26	N	0.60
899	VIDESHA	SIRANJ	npp	24.17960	77.71430	4/7/2022	01:10:26	N	1.20
900	VIDESHA	SIRANJ	Terra	24.09500	77.83200	4/7/2022	10:40:32	D	12.90
901	VIDESHA	VIDESHA	npp	23.50930	77.89100	4/7/2022	14:00:01	D	8.70
902	VIDESHA	VIDESHA	npp	23.53270	77.98410	4/7/2022	01:10:26	N	1.20
903	VIDESHA	VIDESHA	npp	23.53430	77.98540	4/7/2022	01:10:26	N	1.60
904	VIDESHA	VIDESHA	npp	23.53570	77.92200	4/7/2022	02:50:01	N	1.20
905	VIDESHA	VIDESHA	npp	23.53600	77.91800	4/7/2022	02:50:01	N	1.40
906	VIDESHA	VIDESHA	npp	23.53700	77.91690	4/7/2022	02:50:01	N	1.20
907	VIDESHA	VIDESHA	npp	23.54210	77.91980	4/7/2022	02:50:01	N	0.60
908	VIDESHA	VIDESHA	Terra	23.51400	78.00400	4/7/2022	10:40:32	D	17.90

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

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

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

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