



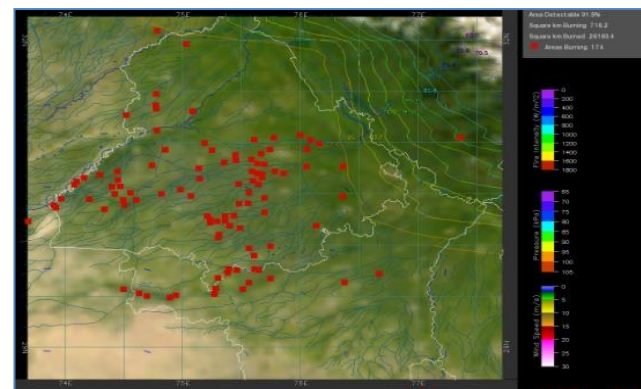
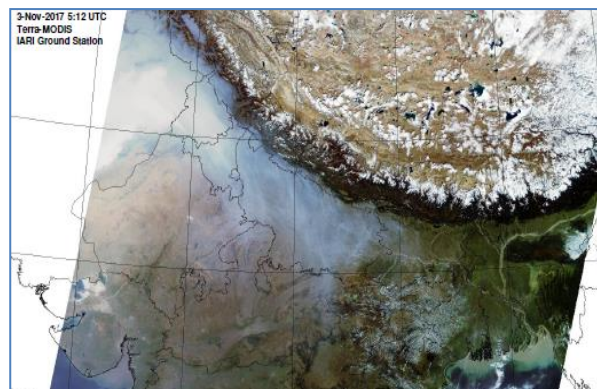
**Bulletin
No. 58**

**Events Date:
28-May-2026**

**Issued on:
28-May-2026**



MONITORING WHEAT RESIDUE BURNING IN INDIA USING SATELLITE REMOTE SENSING DURING 2026



Prepared by:

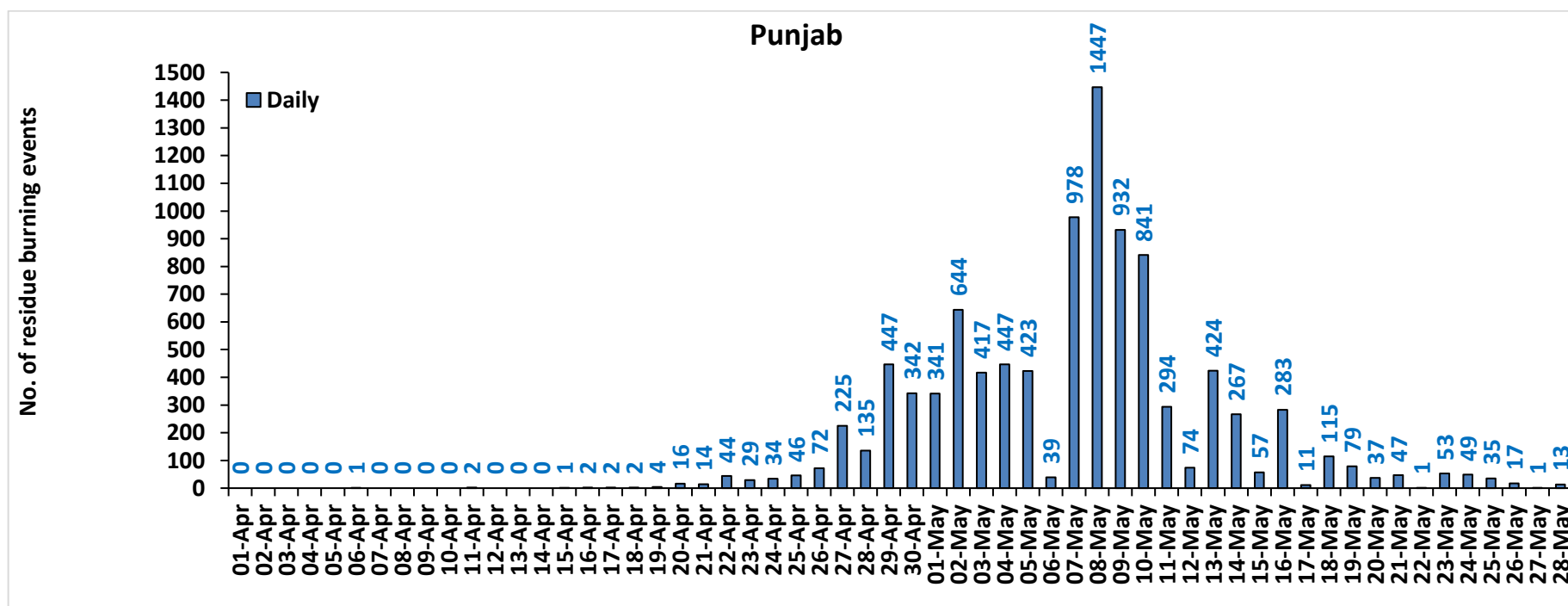
**Consortium for Research on Agroecosystem Monitoring and Modeling from Space (CREAMS) Laboratory,
Division of Agricultural Physics, ICAR – Indian Agricultural Research Institute, New Delhi – 110012**

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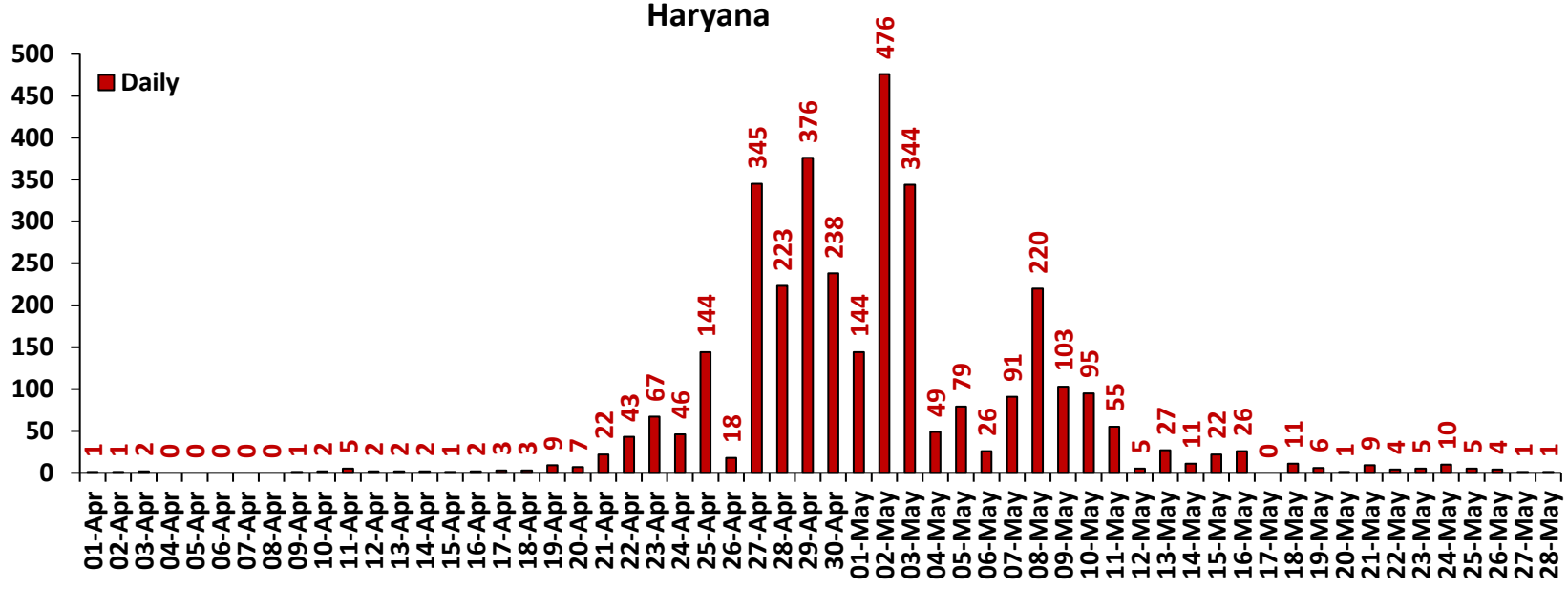
Highlights for 28-May-2026

- 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 **141** residue burning events in the five study States on **28-May-2026**.
- The state wise events detected on **28-May-2026** were **13** in Punjab, **01** in Haryana, **00** in Delhi, **32** in Uttar Pradesh and **95** in Madhya Pradesh.
- Total **67998** burning events were detected in the five states between **01-Apr-2026** and **28-May-2026**, which are distributed as **9784**, **3395**, **15800**, **65** and **38954** in Punjab, Haryana, UP, Delhi and MP, respectively.
- Detection of residue burning events was hampered by the presence of clouds over Punjab, Haryana, Uttar Pradesh, Delhi and Madhya Pradesh states.

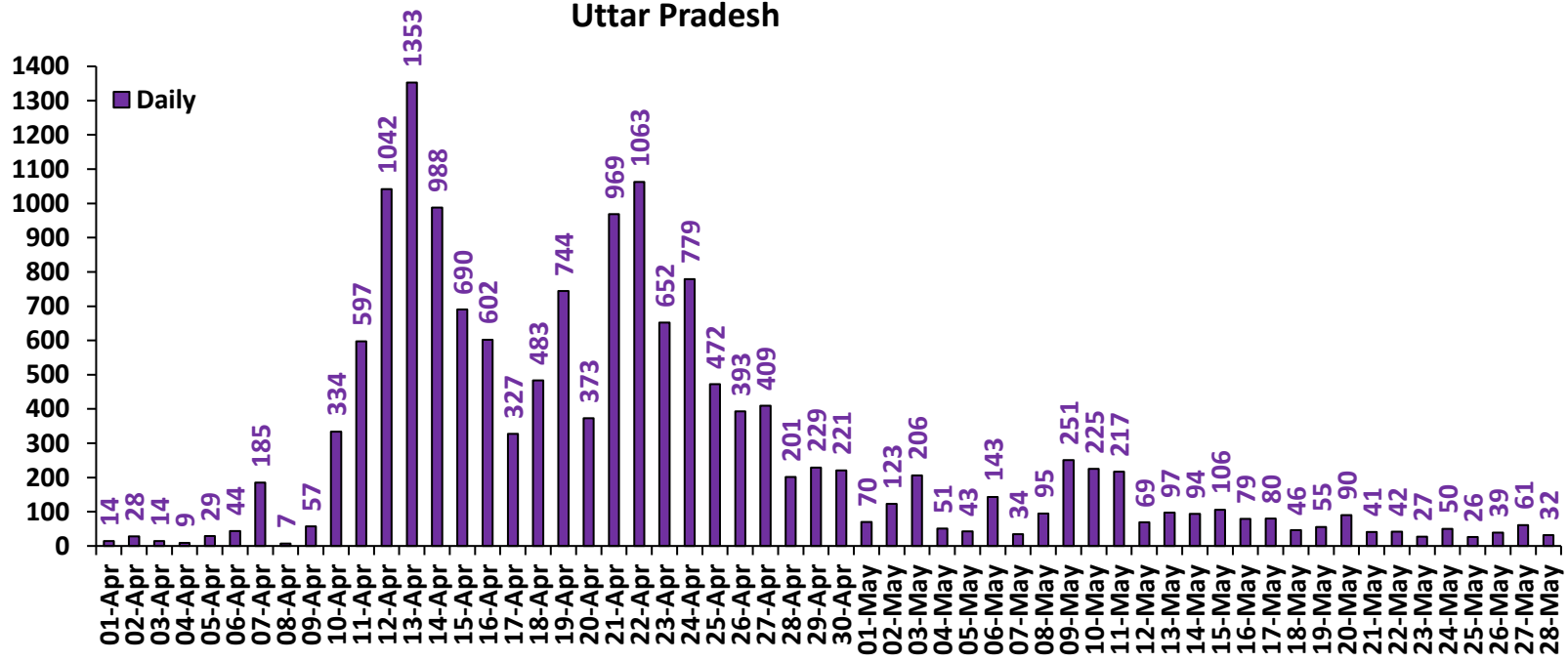
Temporal distribution of wheat residue burning events for the study States in 2026



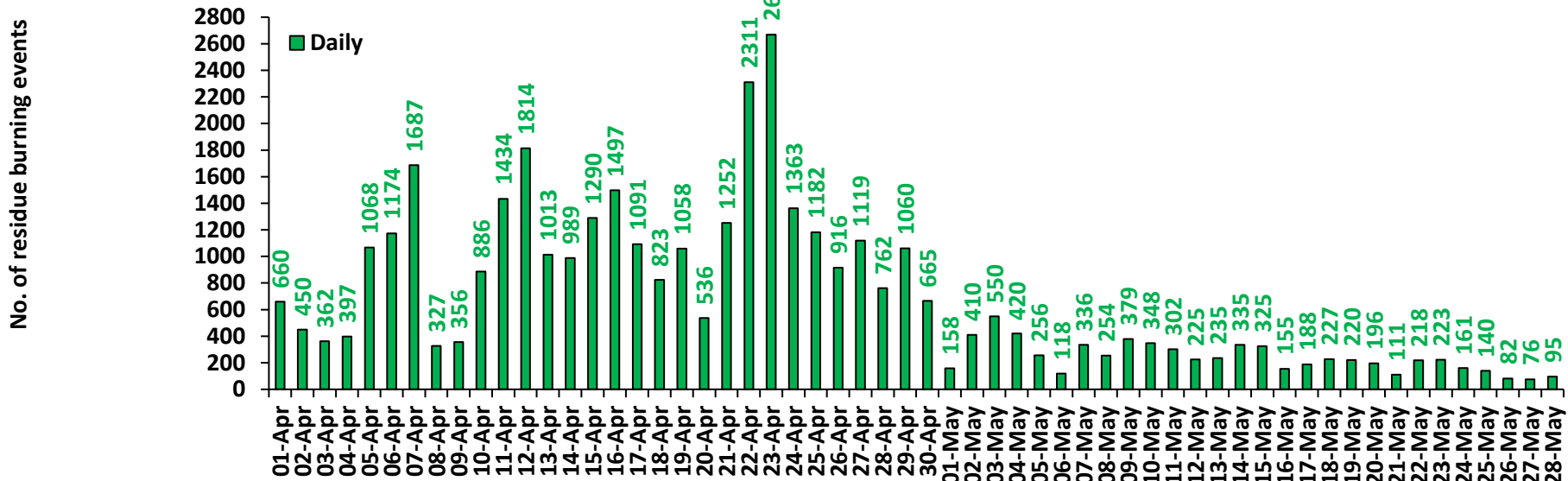
No. of residue burning events



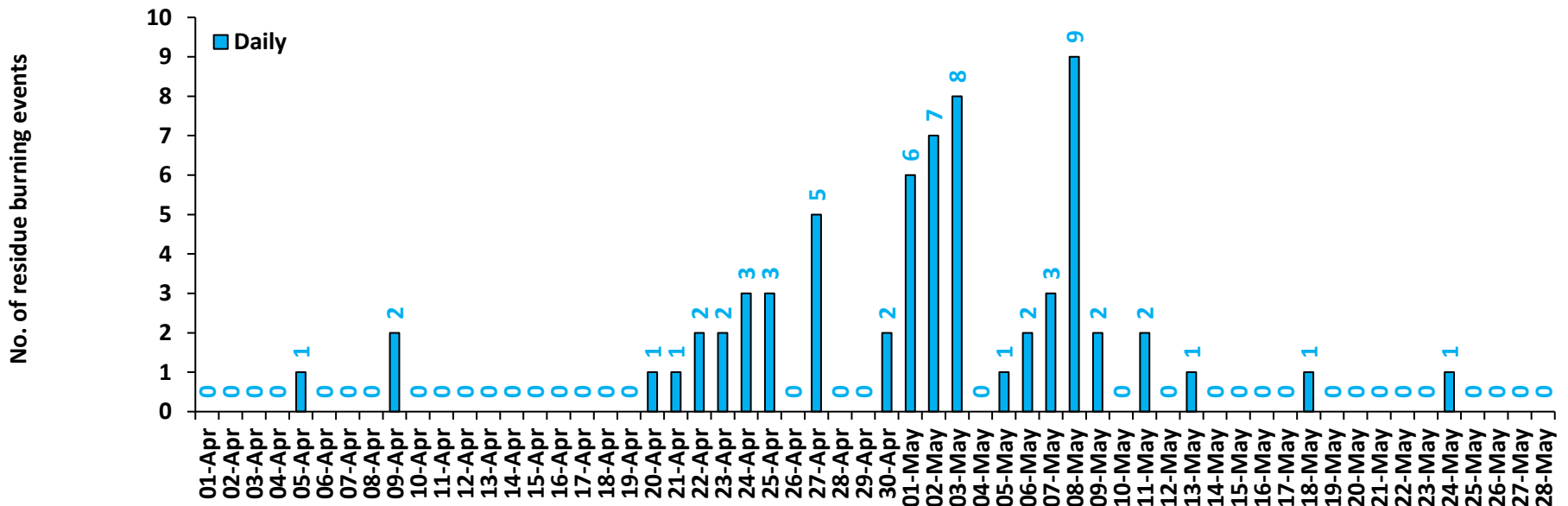
No. of residue burning events



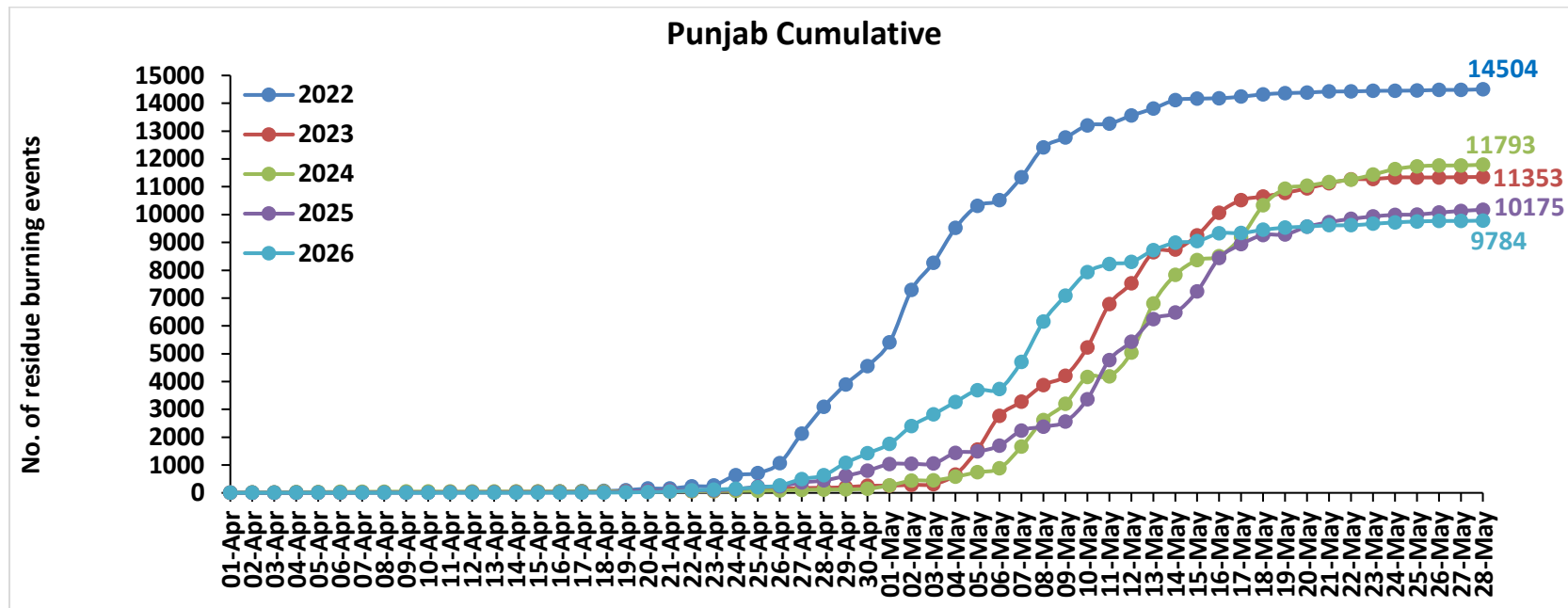
Madhya Pradesh



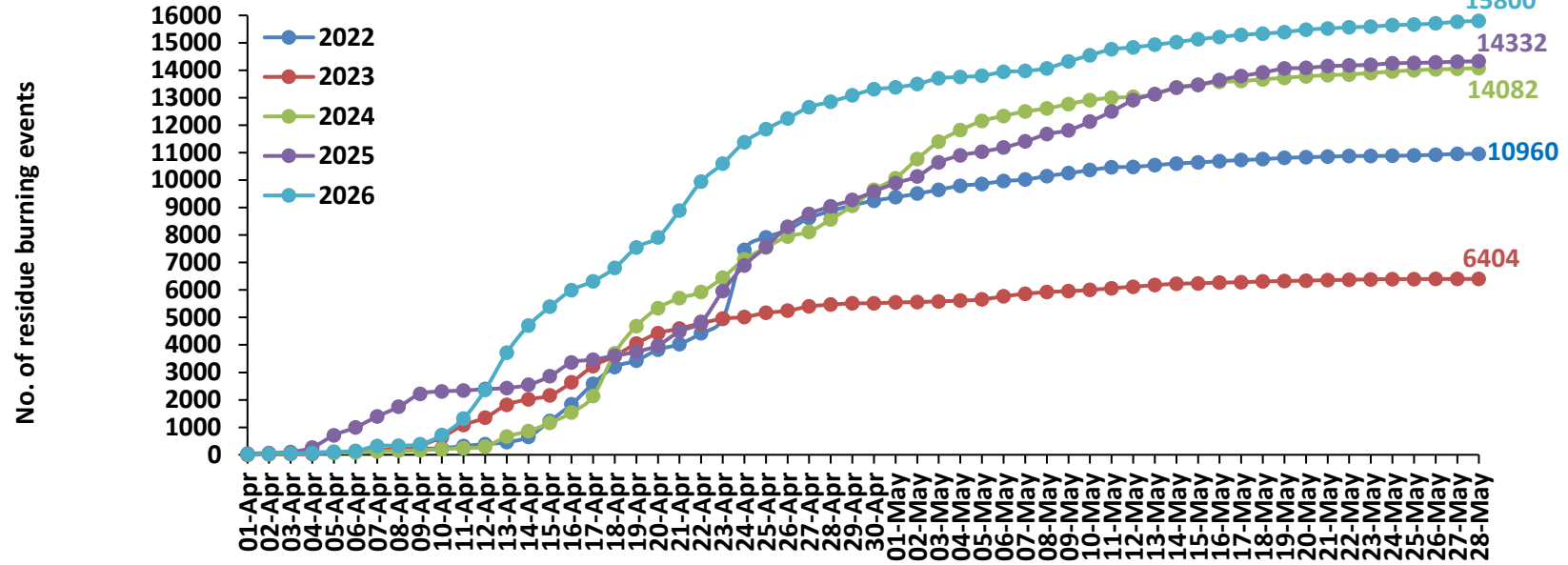
Delhi



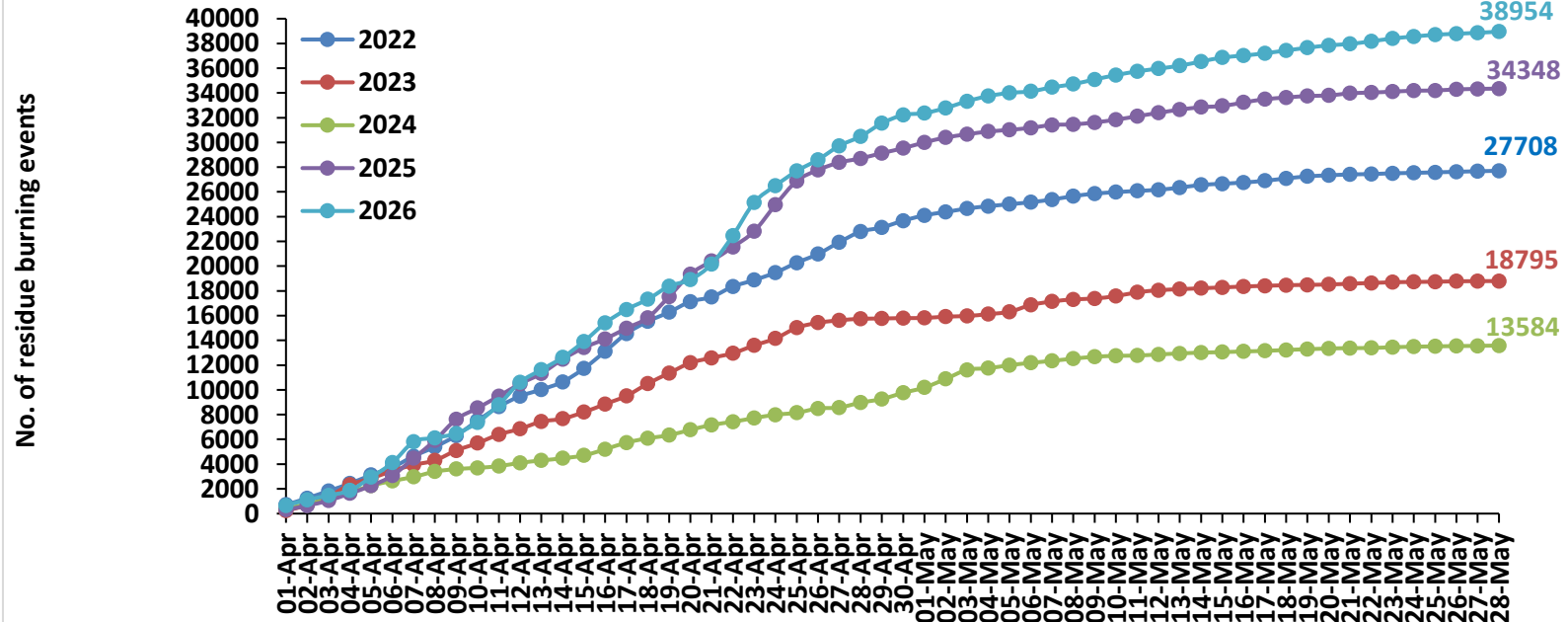
Comparison of residue burning events in current year (2026) with previous year (2022,2023,2024 and 2025) for the study States



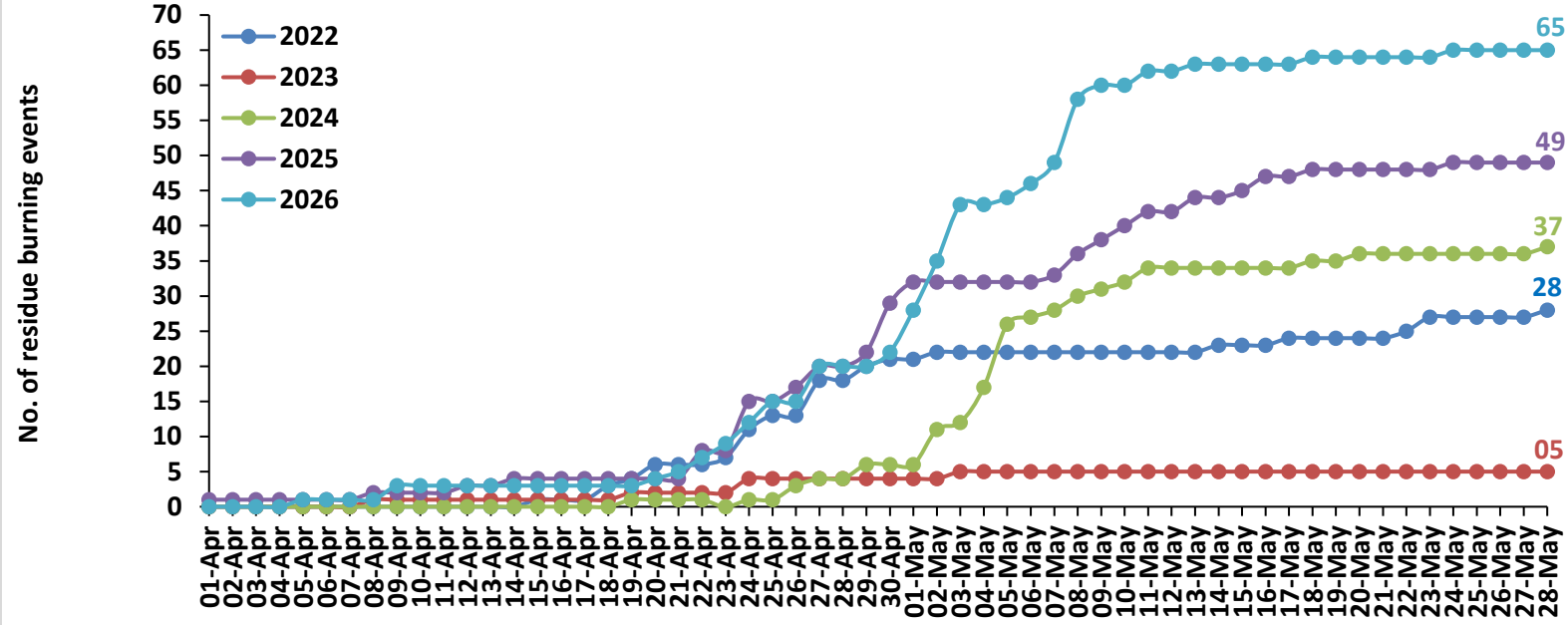
Uttar Pradesh Cumulative



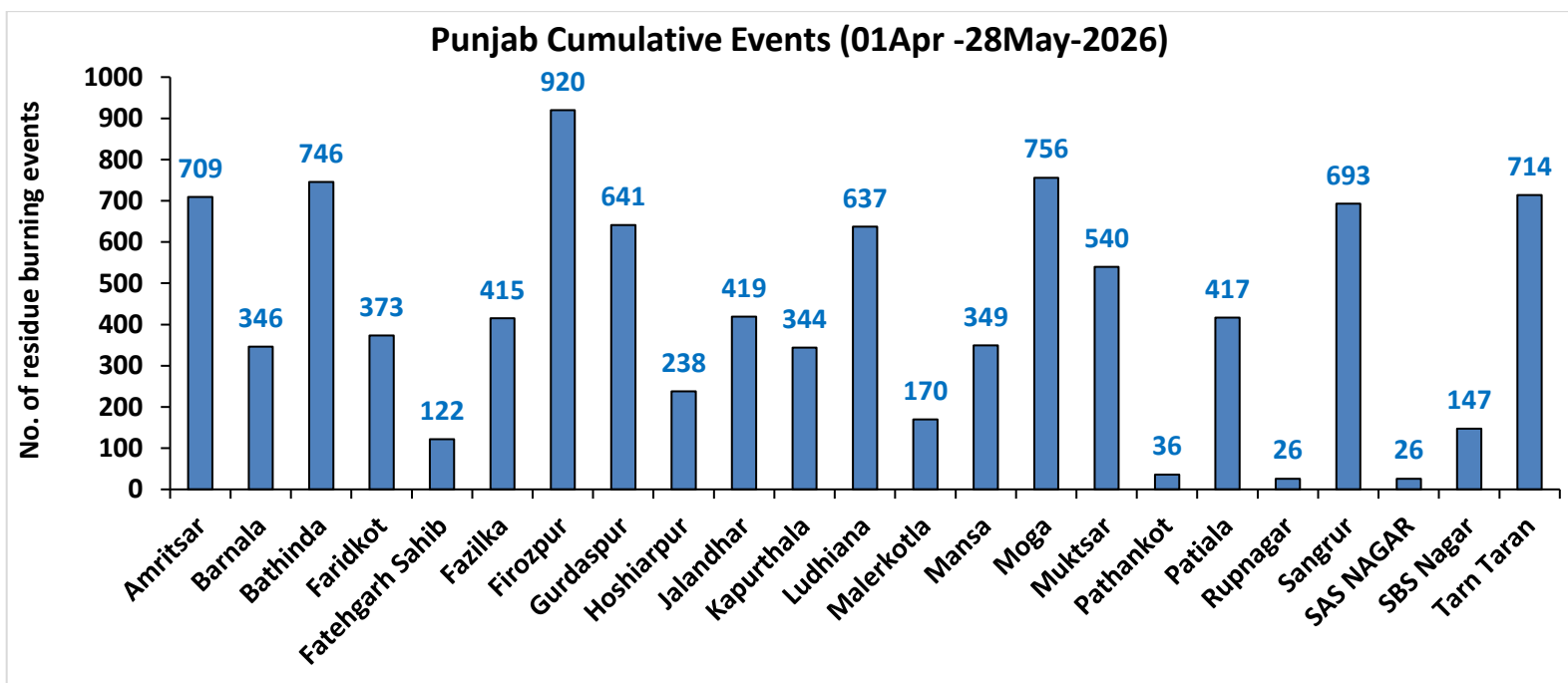
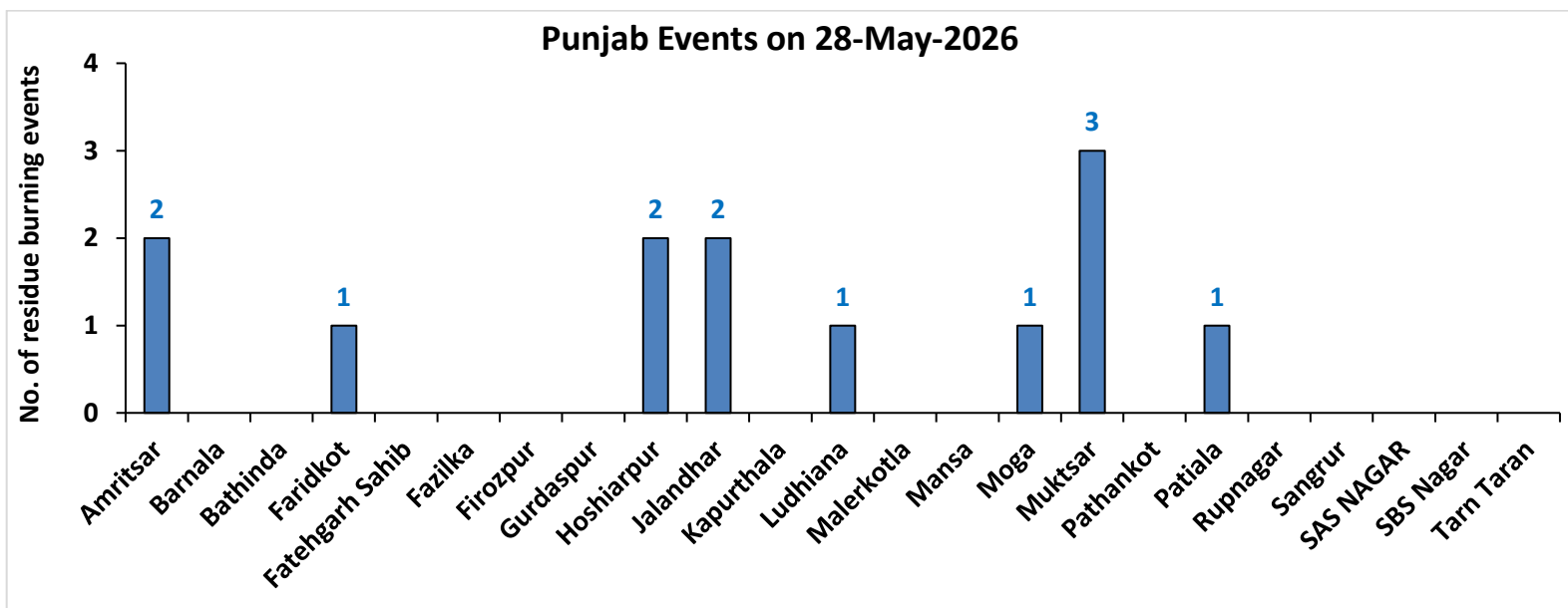
Madhya Pradesh Cumulative



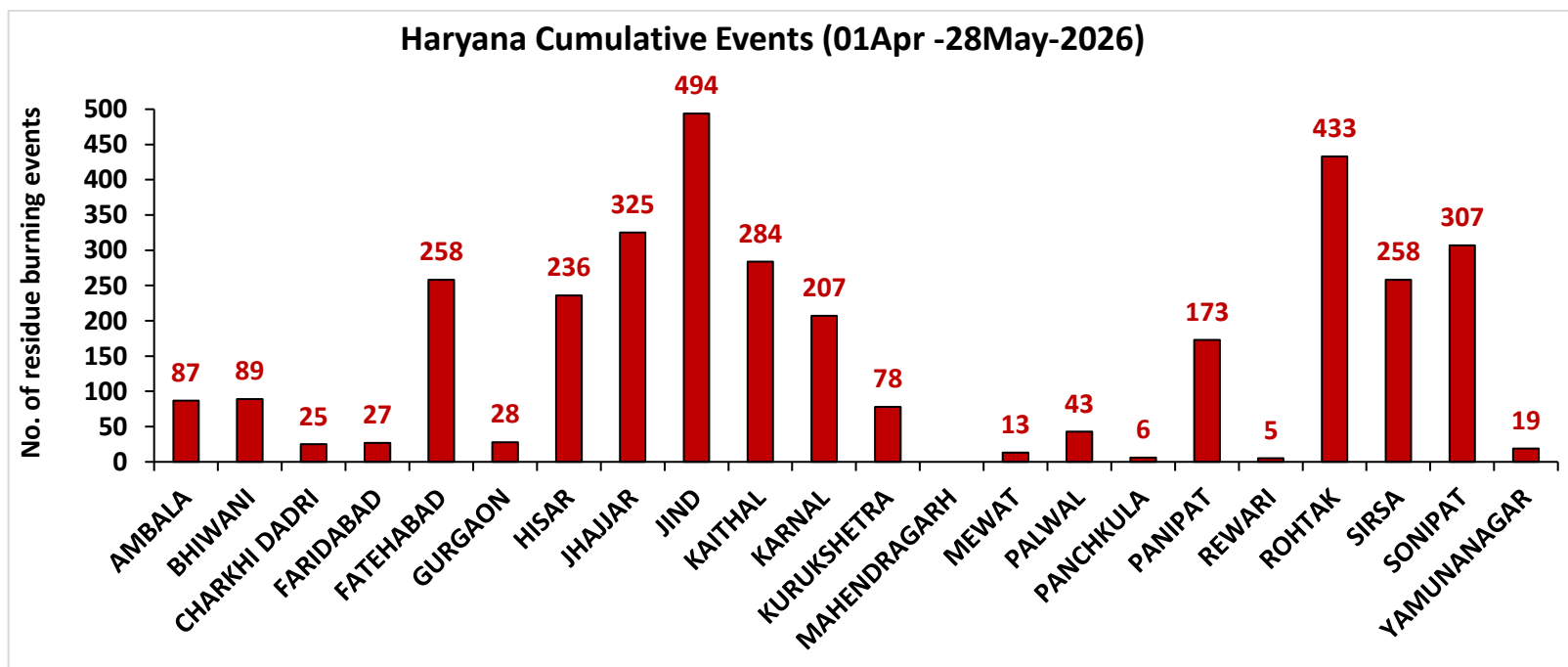
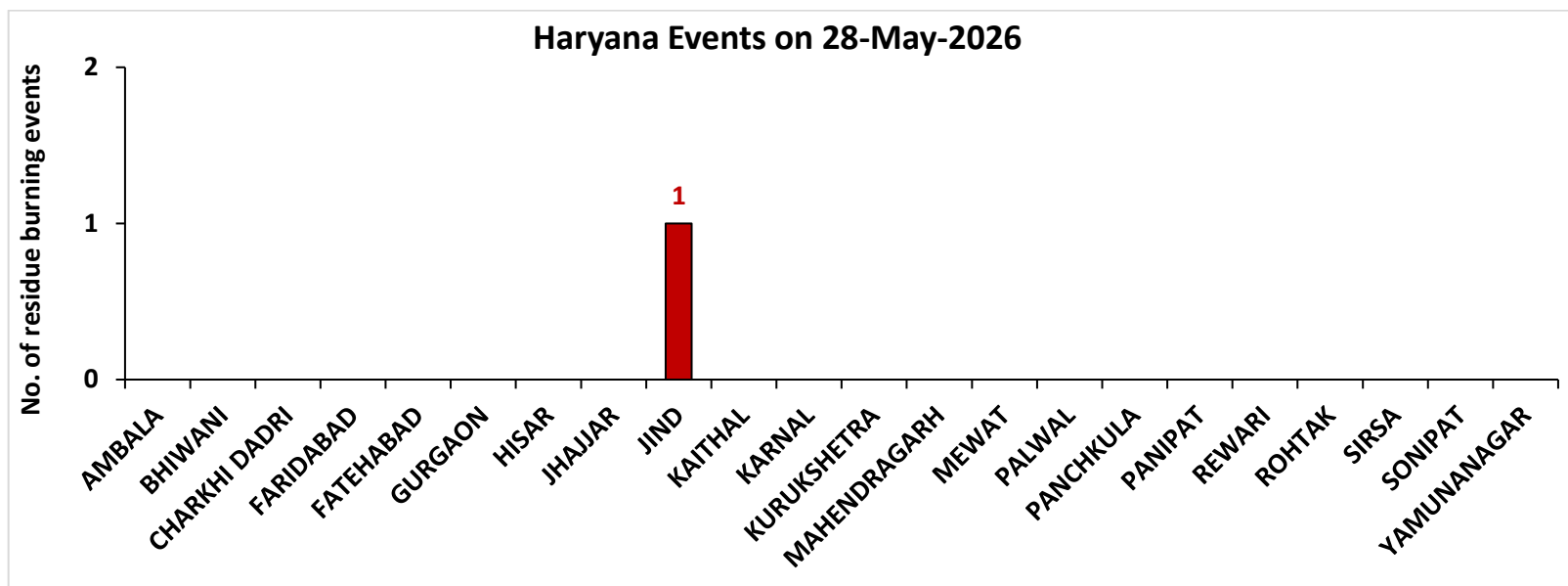
Delhi Cumulative



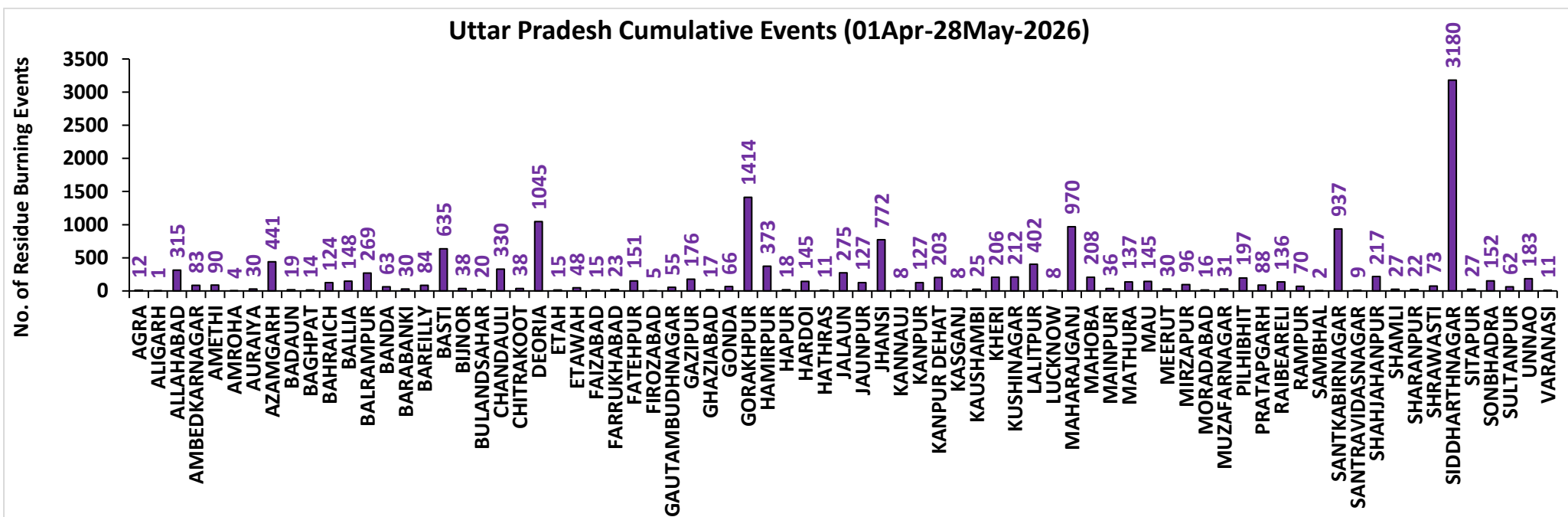
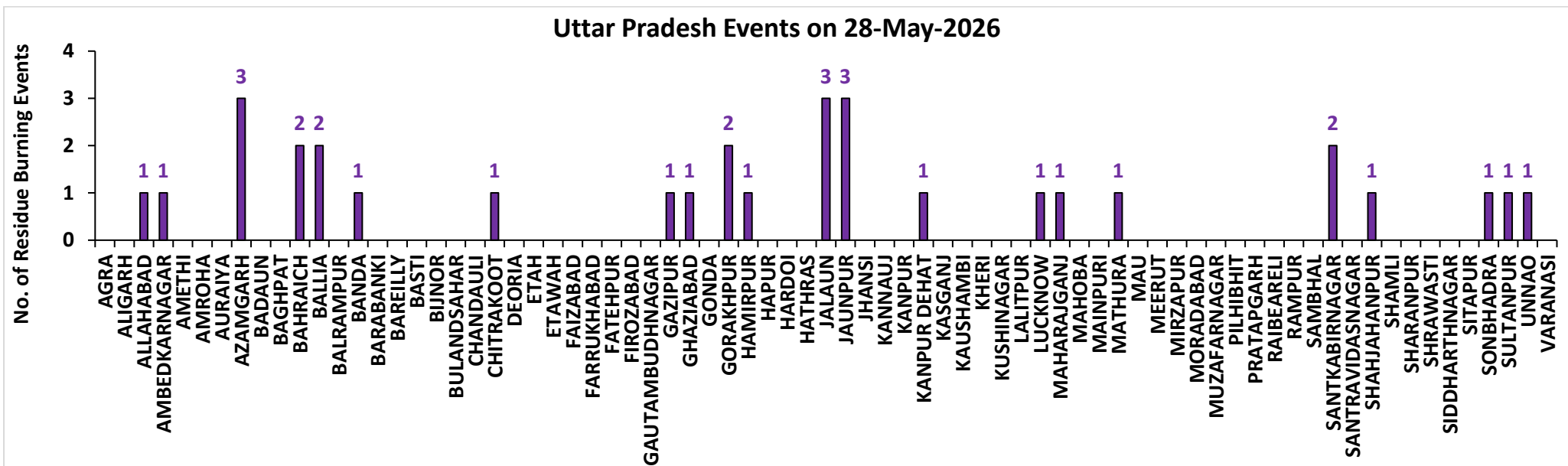
District-wise cumulative number of residues burning events in Punjab (01Apr-28May-2026)



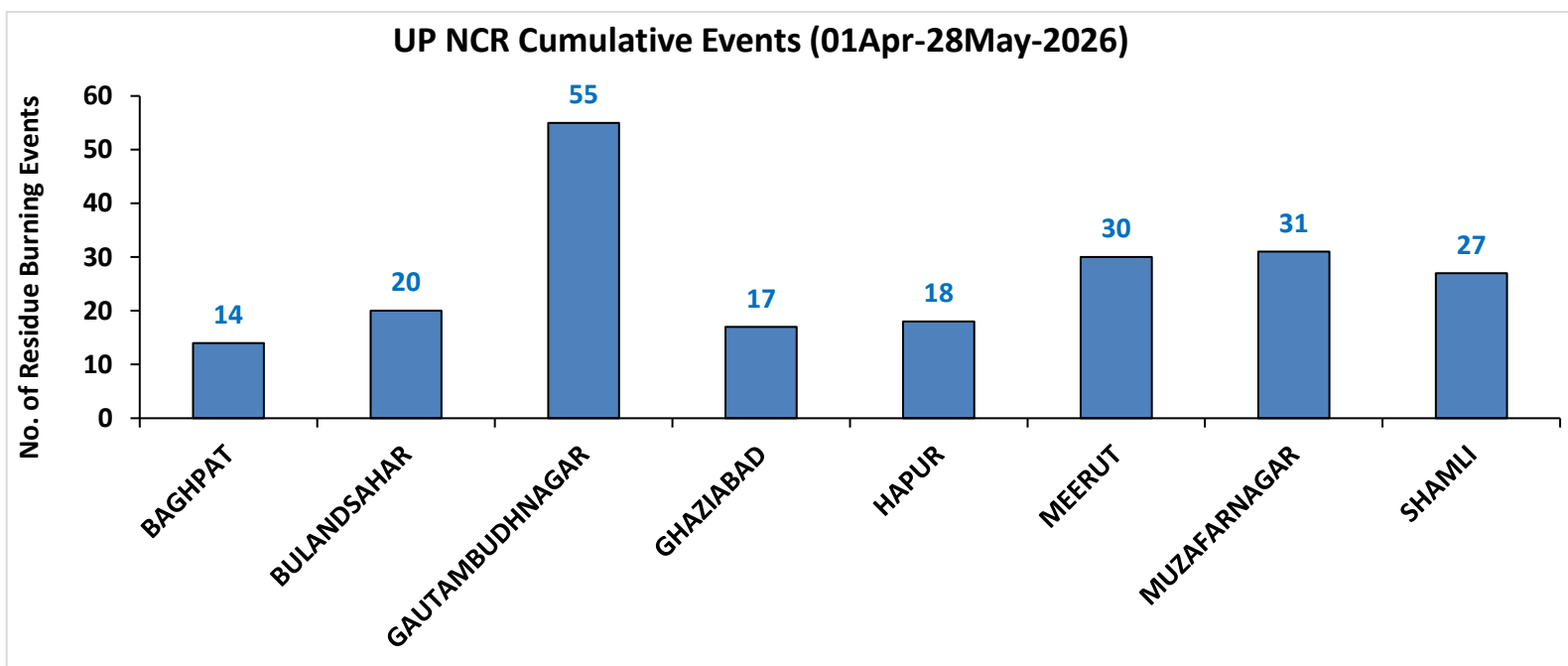
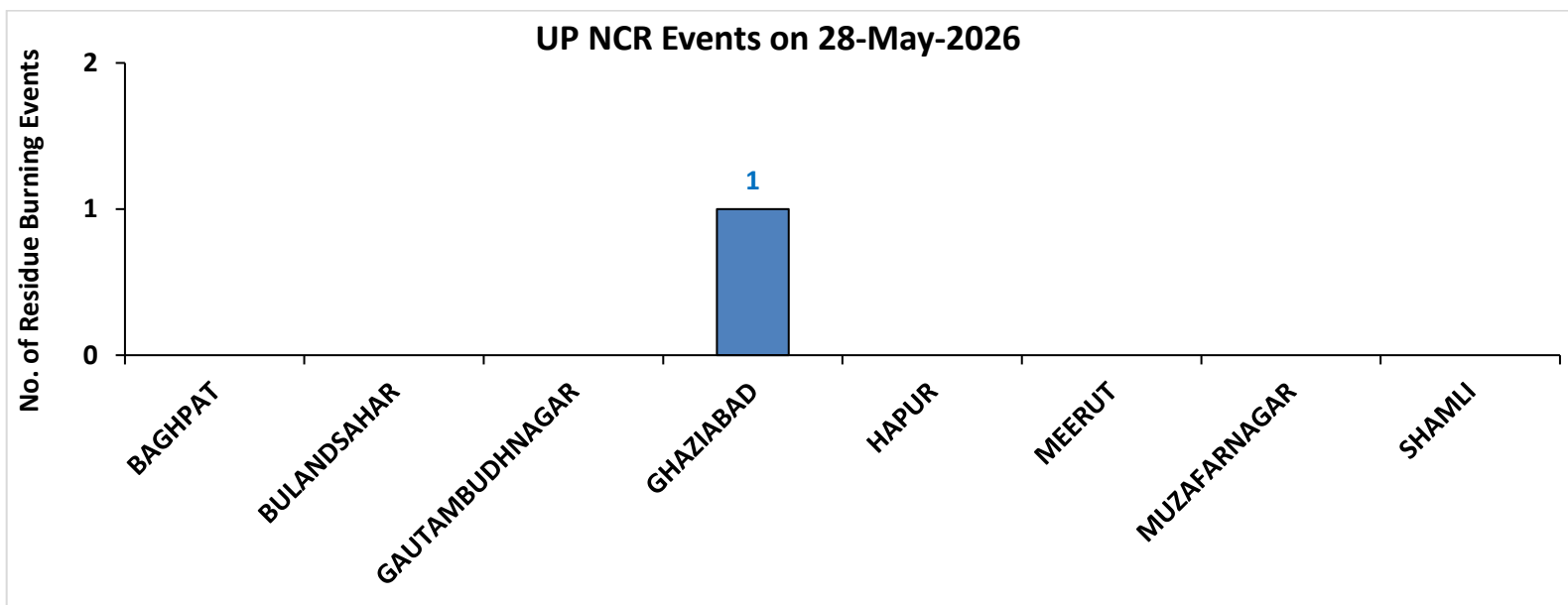
District-wise cumulative number of residues burning events in Haryana (01Apr-28May-2026)



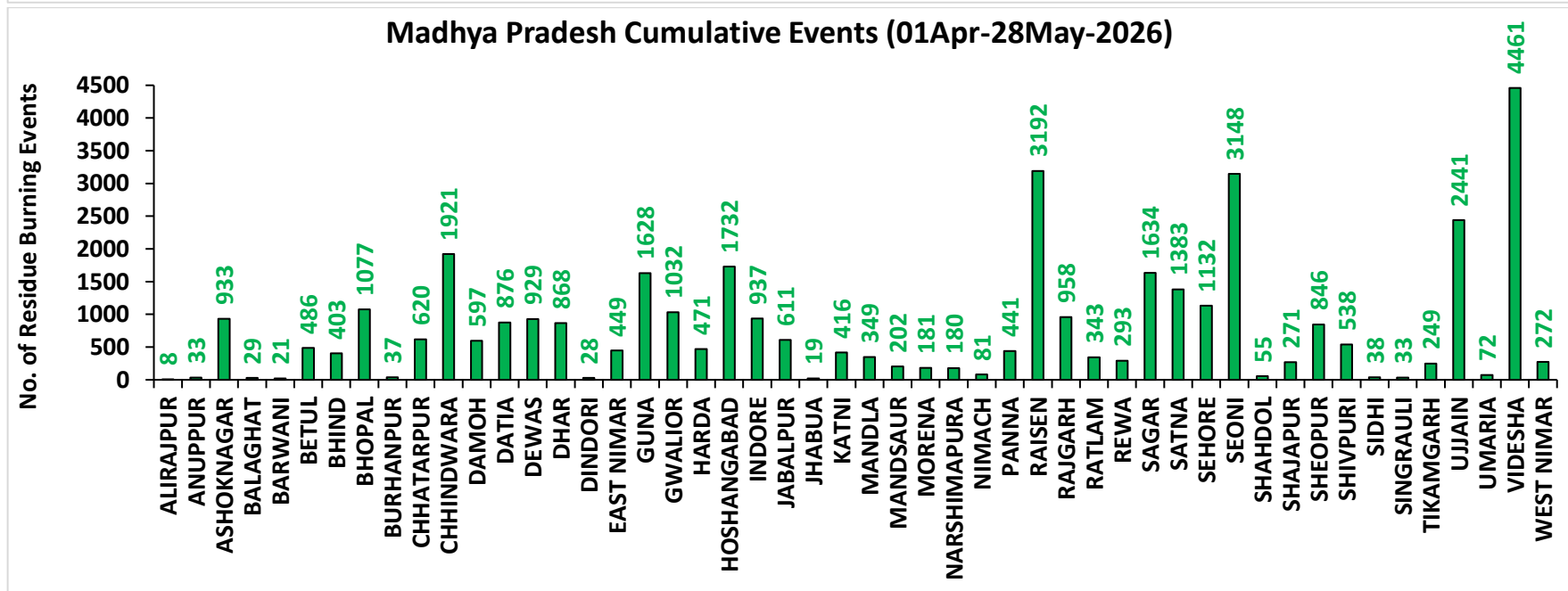
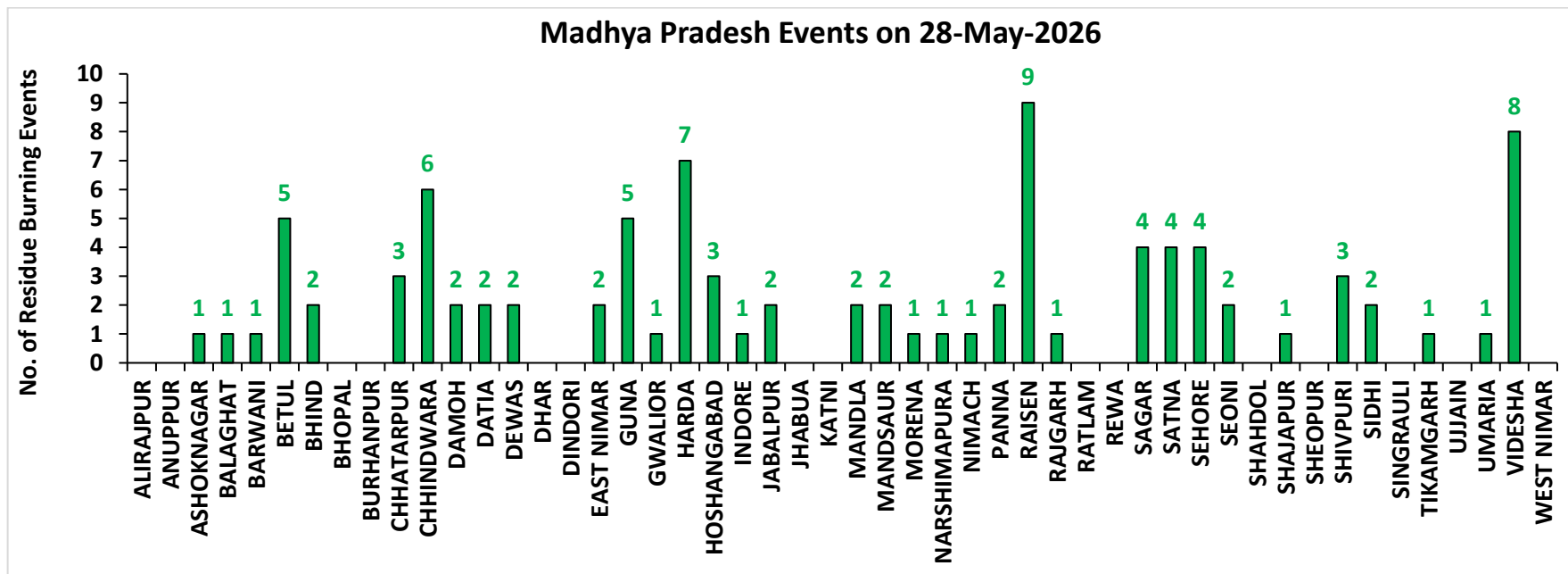
District-wise cumulative number of residues burning events in Uttar Pradesh (01Apr-28May-2026)



District-wise cumulative number of residues burning events in UP NCR (01Apr-28May-2026)



District-wise cumulative number of residues burning events in Madhya Pradesh (01Apr-28May-2026)



District-wise cumulative number of wheat residue burning events detected in 2022, 2023,2024,2025 and 2026
(Period: 01 April-28 May)

(a) Punjab

District	01 Apr-28 May				
	2022	2023	2024	2025	2026
Amritsar	1245	871	1011	1102	709
Barnala	472	542	340	336	346
Bathinda	830	586	638	650	746
Faridkot	525	464	323	264	373
Fatehgarh Sahib	72	139	172	154	122
Fazilka	527	385	446	351	415
Firozpur	1429	899	915	741	920
Gurdaspur	1127	954	1329	853	641
Hoshiarpur	483	410	491	309	238
Jalandhar	834	622	467	437	419
Kapurthala	727	504	510	528	344
Ludhiana	949	889	836	637	637
Malerkotla	412	333	140	142	170
Mansa	1099	1010	308	260	349
Moga	729	587	787	863	756
Muksar	168	92	512	407	540
Pathankot	459	428	141	73	36
Patiala	75	41	529	457	417
Rupnagar	1012	817	59	42	26
Sangrur	27	11	586	654	693
SAS NAGAR (Mohali)	231	184	60	28	26
SBS Nagar	1072	585	215	188	147
Tarn Taran	0	0	978	699	714
Total	14504	11353	11793	10175	9784

(b) Haryana

District	01 Apr-28 May				
	2022	2023	2024	2025	2026
AMBALA	93	83	147	85	87
BHIWANI	76	24	95	36	89
CHARKHI DADRI	10	8	41	35	25
FARIDABAD	17	17	17	6	27
FATEHABAD	277	268	235	220	258
GURGAON	7	9	10	0	28
HISAR	151	113	135	70	236
JHAJJAR	122	67	268	149	325
JIND	346	156	318	176	494
KAITHAL	306	191	275	178	284
KARNAL	382	227	402	164	207
KURUKSHETRA	142	59	171	69	78
MAHENDRAGARH	0	0	0	0	0
MEWAT	3	8	4	0	13
PALWAL	33	28	31	13	43
PANCHKULA	3	3	7	0	6
PANIPAT	220	110	155	89	173
REWARI	3	3	1	0	5
ROHTAK	211	94	331	141	433
SIRSA	186	260	186	143	258
SONIPAT	275	133	272	214	307
YAMUNANAGAR	22	40	40	36	19
Total	2885	1901	3141	1824	3395

(c) Uttar Pradesh

District	01 Apr-28 May																	
	2022	2023	2024	2025	2026	GAUTAMBUDHNAGAR	29	24	33	53	55	MUZAFARNAGAR	55	33	47	80	31	
AGRA	2	0	2	9	12	GAZIPUR	110	48	150	154	176	PILHIBHIT	327	66	269	501	197	
ALIGARH	19	33	40	84	1	GHAZIABAD	14	10	32	44	17	PRATAPGARH	24	15	50	37	88	
ALLAHABAD	112	43	184	221	315	GONDA	26	29	50	82	66	RAIBEARELI	105	17	112	151	136	
AMBEDKARNAGAR	11	13	37	67	83	GORAKHPUR	978	368	701	880	1414	RAMPUR	117	33	131	170	70	
AMETHI	0	0	0	0	90	HAMIRPUR	18	42	90	318	373	SAMBHAL	0	0	0	0	2	
AMROHA	9	5	7	12	4	HAPUR	0	0	0	0	18	SANTKABIRNAGAR	697	430	814	516	937	
AURAIYA	106	16	49	70	30	HARDOI	119	80	129	321	145	SANTRAVIDASNAGAR	1	3	5	2	9	
AZAMGARH	90	76	276	197	441	HATHRAS	0	1	0	7	11	SHAHJAHANPUR	348	104	234	492	217	
BADAUN	9	8	24	55	19	JALAUN	26	21	187	328	275	SHAMLI	0	0	0	0	27	
BAGHPAT	8	3	12	23	14	JAUNPUR	23	9	84	53	127	SHARANPUR	32	21	18	50	22	
BAHRAICH	110	46	123	214	124	JHANSI	111	142	471	641	772	SHRAWASTI	86	43	152	136	73	
BALLIA	156	205	397	230	148	KANNAUJ	0	1	3	9	8	SIDDHARTHANAGAR	2541	1852	3268	2357	3180	
BALRAMPUR	246	97	302	219	269	KANPUR	14	4	45	80	127	SITAPUR	24	25	42	97	27	
BANDA	10	6	24	43	63	KANPUR DEHAT	32	25	58	121	203	SONBHADRA	129	43	29	40	152	
BARABANKI	10	3	35	59	30	KASGANJ	0	0	0	0	8	SULTANPUR	62	30	101	75	62	
BAREILLY	114	22	123	203	84	KAUSHAMBI	8	6	8	26	25	UNNAO	72	19	143	172	183	
BASTI	435	226	585	342	635	KHERI	166	78	177	324	206	VARANASI	2	0	2	3	11	
BIJNOR	55	28	21	83	38	KUSHINAGAR	226	95	358	251	212	Total	10960	6404	14082	14332	15800	
BULANDSAHAR	8	11	7	22	20	LALITPUR	71	74	209	637	402							
CHANDAULI	294	63	339	199	330	LUCKNOW	13	2	15	28	8							
CHITRAKOOT	24	3	11	21	38	MAHARAJGANJ	1495	977	1744	1034	970							
DEORIA	734	440	984	875	1045	MAHOBA	8	45	59	173	208							
ETAH	2	7	11	55	15	MAINPURI	6	8	24	73	36							
ETAWAH	3	5	25	51	48	MATHURA	24	54	69	134	137							
FAIZABAD	7	12	25	17	15	MAU	88	64	155	99	145							
FARRUKHABAD	3	2	8	26	23	MEERUT	20	26	41	37	30							
FATEHPUR	53	35	91	95	151	MIRZAPUR	74	15	18	38	96							
FIROZABAD	1	0	2	1	5	MORADABAD	8	14	11	15	16							

(d) Uttar Pradesh NCR

District	01 Apr-28 May				
	2022	2023	2024	2025	2026
BAGHPAT	8	3	12	23	14
BULANSAHAR	8	11	7	22	20
GAUTAMBUDHNAGAR	29	24	33	53	55
GHAZIABAD	14	10	32	44	17
HAPUR	0	0	0	0	18
MEERUT	20	26	41	37	30
MUZAFARNAGAR	55	33	47	80	31
SHAMLI	0	0	0	0	27
Total	134	107	172	259	212

(e) Delhi

District	01 Apr-28 May				
	2022	2023	2024	2025	2026
CENTRAL	0	0	0	1	0
EAST	0	0	0	0	0
NEW DELHI	0	0	0	0	0
NORTH	22	2	19	27	34
NORTH EAST	1	0	0	0	0
NORTH WEST DELHI	1	0	4	10	9
SHAHADRA	0	0	0	0	0
SOUTH	1	0	0	0	0
SOUTH EAST	0	0	0	0	0
SOUTH WEST DELHI	1	2	14	9	20
WEST DELHI	2	1	0	2	2
Total	28	5	37	49	65

(f) Madhya Pradesh

District	01 Apr-28 May										
	2022	2023	2024	2025	2026	PANNA	184	75	190	332	441
ALIRAJPUR	0	0	2	3	8	RAISEN	2661	1676	1328	2484	3192
ANUPPUR	35	3	6	28	33	RAJGARH	164	183	50	536	958
ASHOKNAGAR	649	232	360	1555	933	RATLAM	200	292	78	336	343
BALAGHAT	31	4	4	13	29	REWA	203	76	167	193	293
BARWANI	9	9	4	8	21	SAGAR	780	586	428	1492	1634
BETUL	213	64	68	175	486	SATNA	1042	258	636	886	1383
BHIND	75	70	126	329	403	SEHORE	956	656	331	849	1132
BHOPAL	973	495	259	1118	1077	SEONI	1532	820	878	1524	3148
BURHANPUR	12	4	6	14	37	SHAHDOL	112	9	24	62	55
CHHATARPUR	174	178	349	681	620	SHAJAPUR	415	550	228	1066	271
CHHINDWARA	537	269	272	739	1921	SHEOPUR	379	452	511	1062	846
DAMOH	219	258	213	746	597	SHIVPURI	200	124	172	771	538
DATIA	394	288	569	772	876	SIDHI	32	5	9	22	38
DEWAS	587	570	105	847	929	SINGRAULI	130	3	9	64	33
DHAR	1013	885	185	1015	868	TIKAMGARH	44	88	117	274	249
DINDORI	45	5	8	49	28	UJJAIN	1250	1789	525	2211	2441
EAST NIMAR	85	108	36	226	449	UMARIA	64	15	26	59	72
GUNA	776	397	324	1926	1628	VIDESHA	3754	1751	1185	4462	4461
GWALIOR	622	398	673	725	1032	WEST NIMAR	42	79	39	190	272
HARDA	405	279	83	216	471	Total	27708	18795	13584	34348	38954
HOSHANGABAD	4067	2758	1586	1591	1732						
INDORE	971	1010	396	1335	937						
JABALPUR	900	488	498	406	611						
JHABUA	3	7	2	10	19						
KATNI	313	157	222	268	416						
MANDLA	182	51	110	185	349						
MANDSAUR	69	113	20	154	202						
MORENA	51	62	57	132	181						
NARSHIMAPURA	133	104	98	129	180						
NIMACH	21	42	12	78	81						

State-wise and date-wise number of wheat residue burning events detected in 2022, 2023,2024,2025 and 2026
(Period: 01 April-28 May)

Date	Punjab					Haryana					UP					Delhi					MP				
	2022	2023	2024	2025	2026	2022	2023	2024	2025	2026	2022	2023	2024	2025	2026	2022	2023	2024	2025	2026	2022	2023	2024	2025	2026
01-Apr	6	0	9	1	0	2	1	1	0	1	10	0	19	43	14	0	0	0	1	0	715	231	388	306	660
02-Apr	1	0	6	1	0	1	0	3	0	1	22	15	12	20	28	0	0	0	0	0	531	462	394	345	450
03-Apr	3	0	5	1	0	2	0	0	0	2	21	9	12	38	14	0	0	0	0	0	589	682	392	399	362
04-Apr	2	0	6	2	0	2	1	2	0	0	29	10	18	167	9	0	0	0	0	0	589	956	532	583	397
05-Apr	2	2	2	1	0	4	1	1	1	0	21	41	16	443	29	0	0	0	0	1	698	511	548	614	1068
06-Apr	0	4	7	2	1	1	1	1	1	0	16	47	11	288	44	0	0	0	0	0	612	611	390	826	1174
07-Apr	0	6	3	1	0	0	2	4	0	0	46	30	35	393	185	0	0	0	0	0	908	484	321	1408	1687
08-Apr	1	4	4	0	0	2	3	2	1	0	37	100	23	357	7	0	1	0	1	0	749	365	432	1437	327
09-Apr	0	5	3	0	0	0	5	1	1	1	16	98	13	469	57	0	0	0	0	2	907	801	204	1699	356
10-Apr	4	5	0	1	0	3	4	2	0	2	24	295	46	89	334	0	0	0	0	0	1217	592	97	912	886
11-Apr	2	1	0	1	2	2	1	7	1	5	78	439	37	32	597	0	0	0	0	0	1129	698	140	967	1434
12-Apr	0	2	0	0	0	0	0	0	0	2	67	262	52	51	1042	0	0	0	1	0	847	459	265	994	1814
13-Apr	3	2	0	0	0	3	3	0	0	2	70	473	369	43	1353	0	0	0	0	0	537	586	193	833	1013
14-Apr	7	5	0	0	0	9	7	0	2	2	193	201	195	113	988	0	0	0	1	0	618	227	172	1155	989
15-Apr	1	0	0	2	1	7	19	0	16	1	579	141	302	315	690	1	0	0	0	0	1079	536	235	933	1290
16-Apr	13	1	1	0	2	14	10	10	4	2	609	473	378	496	602	0	0	0	0	0	1390	651	493	707	1497
17-Apr	10	3	0	1	2	12	10	2	20	3	751	594	596	107	327	0	0	0	0	0	1441	665	545	866	1091
18-Apr	12	1	1	0	2	17	12	5	0	3	611	370	1564	143	483	2	0	0	0	0	972	985	345	846	823
19-Apr	29	6	0	32	4	23	3	1	19	9	231	456	988	144	744	1	1	1	0	0	748	850	250	1704	1058
20-Apr	56	1	1	26	16	14	8	0	10	7	395	368	652	237	373	2	0	0	0	1	856	830	437	1821	536
21-Apr	4	3	5	15	14	0	8	3	11	22	202	174	369	506	969	0	0	0	0	1	379	404	394	1067	1252
22-Apr	77	9	5	1	44	17	9	5	13	43	398	192	216	340	1063	0	0	0	4	2	839	379	254	1122	2311
23-Apr	35	3	4	2	29	22	3	10	23	67	519	170	528	1131	652	1	0	0	0	2	524	626	300	1274	2669
24-Apr	360	19	8	40	34	96	22	11	24	46	2515	56	663	930	779	4	2	0	7	3	605	567	271	2135	1363
25-Apr	82	39	3	87	46	65	32	5	106	144	450	153	429	677	472	2	0	0	0	3	796	859	157	1930	1182
26-Apr	354	22	11	20	72	122	16	17	47	18	277	77	407	733	393	0	0	2	2	0	706	409	350	892	916
27-Apr	1064	28	22	138	225	436	69	13	51	345	436	158	168	465	409	5	0	1	3	5	955	195	74	604	1119
28-Apr	965	12	10	69	135	453	9	31	48	223	249	67	455	275	201	0	0	0	0	0	849	122	397	326	762
29-Apr	802	20	5	165	447	345	1	33	113	376	213	43	492	233	229	2	0	2	2	0	340	24	290	434	1060
30-Apr	662	52	25	191	342	359	6	7	96	238	166	4	579	307	221	1	0	0	7	2	547	38	500	392	665

01-May	848	3	119	232	341	59	0	119	70	144	126	32	430	309	70	0	0	0	3	6	437	8	429	470	158
02-May	1887	31	172	12	644	159	38	240	3	476	132	13	699	243	123	1	0	5	0	7	265	107	693	395	410
03-May	979	24	11	8	417	77	12	58	0	344	141	26	633	506	206	0	1	1	0	8	283	51	734	259	550
04-May	1247	343	128	385	447	72	94	211	101	49	147	25	416	257	51	0	0	5	0	0	188	151	133	224	420
05-May	796	892	168	48	423	65	368	352	7	79	64	45	334	141	43	0	0	9	0	1	159	186	247	136	256
06-May	202	1221	133	213	39	2	224	123	36	26	107	113	183	148	143	0	0	1	0	2	166	555	189	165	118
07-May	827	502	785	540	978	108	194	435	125	91	52	89	163	219	34	0	0	1	1	3	215	279	160	233	336
08-May	1065	604	954	140	1447	110	133	268	83	220	130	66	110	269	95	0	0	2	3	9	275	171	180	44	254
09-May	357	331	584	180	932	27	34	147	22	103	103	34	159	139	251	0	0	1	2	2	199	71	149	159	379
10-May	437	1019	966	806	841	34	124	298	65	95	113	42	146	314	225	0	0	1	2	0	123	197	79	223	348
11-May	67	1554	22	1410	294	6	186	16	161	55	101	63	85	373	217	0	0	2	2	2	99	299	19	276	302
12-May	289	752	849	654	74	29	63	212	104	5	17	56	29	406	69	0	0	0	0	0	94	174	93	278	225
13-May	253	1113	1771	816	424	29	47	137	108	27	60	57	98	231	97	0	0	0	2	1	173	83	79	256	235
14-May	306	98	1024	230	267	35	16	115	10	11	63	51	249	226	94	1	0	0	0	0	214	76	69	198	335
15-May	49	507	529	765	57	6	27	30	66	22	38	15	97	99	106	0	0	0	1	0	99	69	38	101	325
16-May	16	818	143	1197	283	3	21	9	76	26	49	27	103	183	79	0	0	0	2	0	98	70	53	283	155
17-May	55	453	683	498	11	0	23	19	60	0	37	13	29	144	80	1	0	0	0	0	143	59	49	262	188
18-May	85	130	1144	332	115	3	9	77	37	11	34	29	65	128	46	0	0	1	1	1	187	46	72	135	227
19-May	42	132	597	22	79	15	8	34	3	6	46	15	55	144	55	0	0	0	0	0	167	32	63	127	220
20-May	22	160	107	274	37	3	2	11	11	1	24	15	54	22	90	0	0	1	0	0	86	28	54	41	196
21-May	35	184	130	166	47	4	4	8	16	9	21	15	43	66	41	0	0	0	0	0	69	63	35	174	111
22-May	5	138	91	117	1	1	2	5	13	4	21	15	25	24	42	1	0	0	0	0	35	60	11	60	218
23-May	20	13	182	87	53	0	2	10	23	5	3	15	56	28	27	2	0	0	0	0	58	57	59	74	223
24-May	6	58	196	60	49	0	0	14	11	10	7	11	49	51	50	0	0	0	1	1	36	26	43	77	161
25-May	6	0	101	10	35	0	0	4	0	5	12	0	51	14	26	0	0	0	0	0	41	18	27	17	140
26-May	23	0	29	69	17	0	0	3	0	4	27	3	25	20	39	0	0	0	0	0	46	32	24	87	82
27-May	0	11	3	61	1	0	1	2	3	1	28	0	25	25	61	0	0	0	0	0	44	16	17	41	76
28-May	23	7	26	43	13	5	3	7	2	1	6	3	27	18	32	1	0	1	0	0	37	6	26	22	95
Total	14504	11353	11793	10175	9784	2885	1901	3141	1824	3395	10960	6404	14082	14332	15800	28	5	37	49	65	27708	18795	13584	34348	38954

Details of wheat residue burning events in Punjab on 28-May-2026

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m ²)
1	AMRITSAR	AJNALA	S-NPP	31.91543	74.71982	13:19:24	D	2.40
2	AMRITSAR	CHOGAWAN	S-NPP	31.68912	74.53245	13:19:24	D	6.30
3	FARIDKOT	FARIDKOT	S-NPP	30.75724	74.56004	13:19:24	D	24.80
4	HOSHIARPUR	TANDA	S-NPP	31.65771	75.58890	13:19:24	D	11.60
5	HOSHIARPUR	TANDA	S-NPP	31.66134	75.58797	13:19:24	D	10.70
6	JALANDHAR	BHOGPUR	S-NPP	31.56507	75.62726	02:09:24	N	1.70
7	JALANDHAR	RURKA KALAN	AQUA	31.17900	75.69700	15:14:06	D	11.70
8	LUDHIANA	SIDHWAN BET	AQUA	30.95900	75.44900	15:14:06	D	15.70
9	MOGA	MOGA 1	S-NPP	30.83833	75.19785	13:19:24	D	10.00
10	MUKTSAR	MALOUT	S-NPP	30.34726	74.36156	13:19:24	D	7.40
11	MUKTSAR	MALOUT	S-NPP	30.34806	74.36552	13:19:24	D	40.70
12	MUKTSAR	MUKTSAR	S-NPP	30.37823	74.39174	13:19:24	D	37.30
13	PATIALA	BHUNARHERI	S-NPP	30.15547	76.59470	02:09:24	N	1.10

Details of wheat residue burning events in Haryana on 28-May-2026

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m ²)
1	JIND	PILUKHERA	AQUA	29.40700	76.44500	15:14:06	D	29.80

Details of wheat residue burning events in Uttar Pradesh on 28-May-2026

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m ²)
1	ALLAHABAD	KORAWN	S-NPP	24.97529	82.00875	13:22:00	D	1.06
2	AMBEDKARNAGAR	AKBARPUR	S-NPP	26.53050	82.37964	13:22:00	D	2.27
3	AZAMGARH	LALGANJ	S-NPP	25.69422	83.16295	13:22:00	D	1.51
4	AZAMGARH	LALGANJ	S-NPP	25.89425	82.92755	13:22:00	D	3.72
5	AZAMGARH	LALGANJ	S-NPP	25.89482	82.93155	13:22:00	D	3.72
6	BAHRAICH	BAHRAICH	S-NPP	27.63824	81.64906	13:22:00	D	2.69
7	BAHRAICH	NANPARA	AQUA	27.77536	81.51118	15:17:00	D	8.02
8	BALLIA	BAIRIA	S-NPP	25.85428	84.52693	13:22:00	D	3.41
9	BALLIA	BALLIA	S-NPP	25.62817	83.93129	13:22:00	D	1.75
10	BANDA	NARAINI	S-NPP	25.26193	80.40549	02:08:00	N	0.64
11	CHITRAKOOT	KARWI	S-NPP	25.20981	81.13428	02:08:00	N	0.54
12	GAZIPUR	JAKHANIA	S-NPP	25.62313	83.32801	13:22:00	D	3.47
13	GHAZIABAD	GHAZIABAD	S-NPP	28.64943	77.55959	02:06:00	N	0.88
14	GORAKHPUR	GOLA	S-NPP	26.43298	83.34752	13:22:00	D	2.81
15	GORAKHPUR	SAHJANWA	S-NPP	26.76184	83.20191	02:06:00	N	1.17
16	HAMIRPUR	HAMIRPUR	S-NPP	25.96431	79.84966	02:08:00	N	1.10
17	JALAUN	MADHOGARH	S-NPP	26.39005	79.10754	02:06:00	N	1.81
18	JALAUN	MADHOGARH	S-NPP	26.39398	79.10435	02:06:00	N	1.69
19	JALAUN	MADHOGARH	S-NPP	26.39791	79.10116	02:06:00	N	3.16
20	JAUNPUR	MACHHALI SAHAR	S-NPP	25.61579	82.33140	13:22:00	D	3.39
21	JAUNPUR	MACHHALI SAHAR	S-NPP	25.61773	82.33093	13:22:00	D	4.55
22	JAUNPUR	SHHGANJ	S-NPP	26.00222	82.67773	13:22:00	D	2.97
23	KANPUR DEHAT	SIKANDRA	S-NPP	26.26664	79.60999	02:06:00	N	0.83
24	LUCKNOW	BAKSHIKA TALAB	S-NPP	27.04484	80.85567	13:22:00	D	4.04
25	MAHARAJGANJ	NICHLAUL	S-NPP	27.35737	83.62188	13:22:00	D	5.57
26	MATHURA	CHHATA	AQUA	27.74814	77.39113	15:17:00	D	15.36
27	SANTKABIRNAGAR	GHANGHATA	S-NPP	26.45566	83.03175	13:22:00	D	3.55
28	SANTKABIRNAGAR	GHANGHATA	S-NPP	26.45623	83.03584	13:22:00	D	3.55
29	SHAHJAHANPUR	PUWANYA	AQUA	28.12029	80.11235	15:17:00	D	10.09
30	SONBHADRA	DUDHI	S-NPP	24.16138	83.28740	13:20:00	D	9.85
31	SULTANPUR	SULTANPUR	S-NPP	26.48685	81.96203	13:22:00	D	2.73
32	UNNAO	BIGHAPUR	S-NPP	26.21587	80.81662	02:06:00	N	0.62

Details of wheat residue burning events in Madhya Pradesh on 28-May-2026

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m ²)
1	ASHOKNAGAR	MUNGAOLI	S-NPP	24.36091	78.12359	02:08:00	N	0.54
2	BALAGHAT	BALAGHAT	AQUA	22.24926	80.11570	15:15:00	D	15.11
3	BARWANI	THIKRI	S-NPP	22.02475	75.23080	13:20:00	D	4.16
4	BETUL	AMLAL	S-NPP	21.86161	78.08698	02:08:00	N	0.83
5	BETUL	MULTAI	S-NPP	21.68966	77.99894	02:08:00	N	0.65
6	BETUL	MULTAI	S-NPP	21.73163	78.09433	02:08:00	N	1.26
7	BETUL	SHAHPUR	S-NPP	22.17639	77.92221	02:08:00	N	4.59
8	BETUL	SHAHPUR	S-NPP	22.17970	77.92283	02:08:00	N	4.13
9	BHIND	BHIND	S-NPP	26.62273	78.77587	02:06:00	N	1.06
10	BHIND	GOHAD	S-NPP	26.44540	78.28744	02:06:00	N	0.39
11	CHHATARPUR	BARAMALEHRA	S-NPP	24.64785	79.25311	02:08:00	N	1.19
12	CHHATARPUR	BARAMALEHRA	S-NPP	24.65118	79.25378	02:08:00	N	1.19
13	CHHATARPUR	RAJNAGAR	S-NPP	25.05081	79.89572	02:08:00	N	0.91
14	CHHINDWARA	AMARWARA	S-NPP	22.75338	79.19759	02:08:00	N	3.89
15	CHHINDWARA	CHAURAI	S-NPP	22.14825	79.29608	02:08:00	N	1.07
16	CHHINDWARA	CHHINDWARA	S-NPP	21.99297	78.88108	02:08:00	N	0.97
17	CHHINDWARA	PANDHURNA	S-NPP	21.77018	78.56100	02:08:00	N	1.54
18	CHHINDWARA	PARASIA	S-NPP	22.09239	78.81248	02:08:00	N	0.82
19	CHHINDWARA	PARASIA	S-NPP	22.15513	78.79597	02:08:00	N	2.48
20	DAMOH	PATERA	S-NPP	23.91841	79.70959	02:08:00	N	2.69
21	DAMOH	PATERA	S-NPP	23.91870	79.70838	02:08:00	N	0.63
22	DATIA	DATIA	S-NPP	25.66138	78.53113	02:08:00	N	1.73
23	DATIA	DATIA	AQUA	25.19909	78.37757	15:17:00	D	9.92
24	DEWAS	BAGLI	S-NPP	22.48806	76.40703	02:08:00	N	0.75
25	DEWAS	BAGLI	S-NPP	22.89792	76.36596	13:20:00	D	7.68
26	EAST NIMAR	KHANDWA	S-NPP	21.71908	76.51369	13:20:00	D	13.34
27	EAST NIMAR	KHANDWA	S-NPP	21.75566	76.56967	02:08:00	N	4.51
28	GUNA	ARON	S-NPP	24.37432	77.29710	13:22:00	D	9.00
29	GUNA	GUNA	S-NPP	24.72189	77.43282	02:08:00	N	0.78
30	GUNA	GUNA	TERRA	24.68457	77.41756	09:42:00	D	13.24
31	GUNA	RAGHOGARH	S-NPP	24.44364	77.27147	13:22:00	D	16.48

32	GUNA	RAGHOGARH	S-NPP	24.62569	77.07426	13:22:00	D	12.03
33	GWALIOR	DABRA	S-NPP	26.07852	78.44860	02:08:00	N	2.56
34	HARDA	HARDA	S-NPP	22.33025	76.90233	02:08:00	N	1.07
35	HARDA	HARDA	S-NPP	22.46295	77.05206	02:08:00	N	0.50
36	HARDA	KHIRKIYAN	S-NPP	22.07052	76.96471	02:08:00	N	0.59
37	HARDA	KHIRKIYAN	S-NPP	22.08698	76.98683	02:08:00	N	0.79
38	HARDA	KHIRKIYAN	S-NPP	22.17008	76.89050	02:08:00	N	0.78
39	HARDA	KHIRKIYAN	S-NPP	22.23902	76.96721	02:08:00	N	2.30
40	HARDA	KHIRKIYAN	S-NPP	22.24233	76.96780	02:08:00	N	0.61
41	HOSHANGABAD	ITARSI	S-NPP	22.58711	77.77082	02:08:00	N	1.87
42	HOSHANGABAD	ITARSI	S-NPP	22.58982	77.77516	02:08:00	N	1.60
43	HOSHANGABAD	ITARSI	S-NPP	22.59041	77.77144	02:08:00	N	1.60
44	INDORE	MHOW	S-NPP	22.47341	75.88630	13:20:00	D	6.89
45	JABALPUR	JABALPUR	S-NPP	23.17064	79.81664	02:08:00	N	4.41
46	JABALPUR	KUNDAM	S-NPP	23.24100	80.28338	02:08:00	N	3.11
47	MANDLA	NAINPUR	S-NPP	22.46295	80.09269	02:08:00	N	0.50
48	MANDLA	NAINPUR	S-NPP	22.51452	80.04349	02:08:00	N	0.57
49	MANDSAUR	MALHARGARH	S-NPP	24.26201	75.02583	13:22:00	D	9.34
50	MANDSAUR	MANDSAUR	S-NPP	23.95022	75.22769	13:22:00	D	8.88
51	MORENA	SABALGARH	S-NPP	26.24318	77.29151	02:08:00	N	0.79
52	NARSHIMAPURA	GOTECAON	S-NPP	22.92920	79.48432	02:08:00	N	4.98
53	NIMACH	JAWAD	S-NPP	24.78059	74.96881	13:22:00	D	7.11
54	PANNA	GUNAUR	S-NPP	24.44878	80.30075	02:08:00	N	0.58
55	PANNA	SHAHNAGAR	S-NPP	23.94977	79.93653	02:08:00	N	2.60
56	RAISEN	BAGAMGANJ	S-NPP	23.58255	78.30547	02:08:00	N	4.25
57	RAISEN	GAIRATGANJ	S-NPP	23.34178	78.24140	02:08:00	N	1.12
58	RAISEN	GAIRATGANJ	S-NPP	23.36494	78.24580	02:08:00	N	0.98
59	RAISEN	GOHARGANJ	S-NPP	23.07519	77.42514	02:08:00	N	0.42
60	RAISEN	RAISEN	S-NPP	23.30139	77.68764	02:08:00	N	1.06
61	RAISEN	RAISEN	S-NPP	23.37063	77.72356	02:08:00	N	1.68
62	RAISEN	RAISEN	S-NPP	23.37122	77.71981	02:08:00	N	1.68
63	RAISEN	RAISEN	S-NPP	23.45224	77.67621	02:08:00	N	0.29
64	RAISEN	RAISEN	AQUA	23.39769	77.61605	15:15:00	D	31.17
65	RAJGARH	NARSINGGAR	S-NPP	23.58594	76.78852	02:08:00	N	1.29
66	SAGAR	KESALI	S-NPP	23.42348	78.66063	02:08:00	N	4.55

67	SAGAR	REHLI	S-NPP	23.53792	79.24148	02:08:00	N	4.88
68	SAGAR	REHLI	S-NPP	23.63107	78.98083	02:08:00	N	8.54
69	SAGAR	REHLI	S-NPP	23.63441	78.98148	02:08:00	N	6.06
70	SATNA	NAGOD	S-NPP	24.46575	80.43914	02:08:00	N	0.38
71	SATNA	NAGOD	S-NPP	24.61030	80.74845	02:08:00	N	0.32
72	SATNA	RAMPURBAGHLEAN	S-NPP	24.55662	81.07149	02:08:00	N	0.95
73	SATNA	RAMPURBAGHLEAN	S-NPP	24.55936	81.07656	02:08:00	N	0.95
74	SEHORE	NASRULLAHGANJ	S-NPP	22.81584	77.13715	02:08:00	N	0.86
75	SEHORE	SEHORE	S-NPP	23.35878	77.16590	02:08:00	N	1.20
76	SEHORE	SEHORE	S-NPP	23.36210	77.16650	02:08:00	N	0.79
77	SEHORE	SEHORE	S-NPP	23.48558	77.19955	02:08:00	N	2.80
78	SEONI	SEONI	S-NPP	22.00961	79.46931	02:08:00	N	0.59
79	SEONI	SEONI	S-NPP	22.19213	79.51242	02:08:00	N	3.59
80	SHAJAPUR	SUSNER	S-NPP	24.06518	76.09959	02:08:00	N	5.79
81	SHIVPURI	KHANIYADHAN	S-NPP	24.99941	78.22121	02:08:00	N	0.66
82	SHIVPURI	KHANIYADHAN	S-NPP	25.00001	78.21741	02:08:00	N	0.66
83	SHIVPURI	KOLARAS	S-NPP	25.05855	77.71277	02:08:00	N	1.60
84	SIDHI	GOADBANAS	S-NPP	24.40444	81.69957	13:22:00	D	5.43
85	SIDHI	GOADBANAS	AQUA	24.39572	81.70943	15:15:00	D	13.97
86	TIKAMGARH	TIKAMGARH	S-NPP	24.66952	78.77603	02:08:00	N	0.83
87	UMARIA	PALI	S-NPP	23.28966	81.07396	02:08:00	N	1.18
88	VIDESHA	BASODA	S-NPP	23.84805	78.00220	02:08:00	N	0.83
89	VIDESHA	KORWAI	S-NPP	24.03720	78.21892	02:08:00	N	1.23
90	VIDESHA	NATERAN	S-NPP	23.78254	77.49225	02:08:00	N	0.77
91	VIDESHA	NATERAN	S-NPP	23.78585	77.49285	02:08:00	N	0.57
92	VIDESHA	VIDESHA	S-NPP	23.52113	77.60408	02:08:00	N	0.51
93	VIDESHA	VIDESHA	S-NPP	23.56509	77.62762	02:08:00	N	2.22
94	VIDESHA	VIDESHA	S-NPP	23.56568	77.62387	02:08:00	N	2.22
95	VIDESHA	VIDESHA	S-NPP	23.63564	77.80182	02:08:00	N	0.70

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

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

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

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GIS Maps of fire events can be visualized online on ICAR KRISHI Geoportal website <https://creams.iari.res.in/geokrishi/>

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