



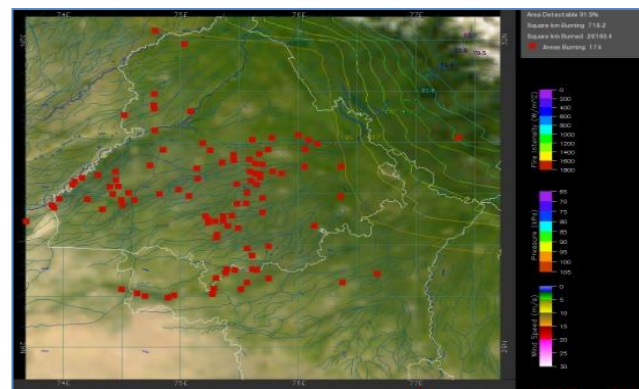
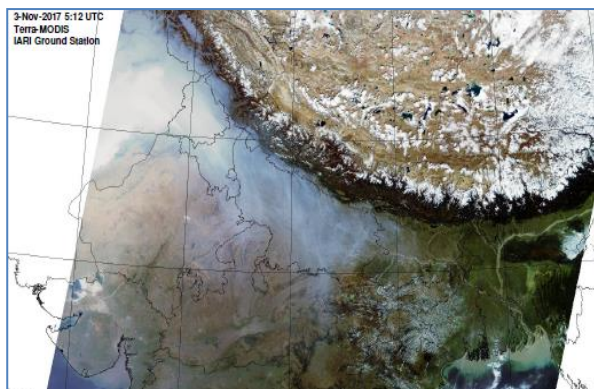
**Bulletin  
No. 61**

**Events Date:  
31-May-2026**

**Issued on:  
31-May-2026**



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



**Prepared by:**

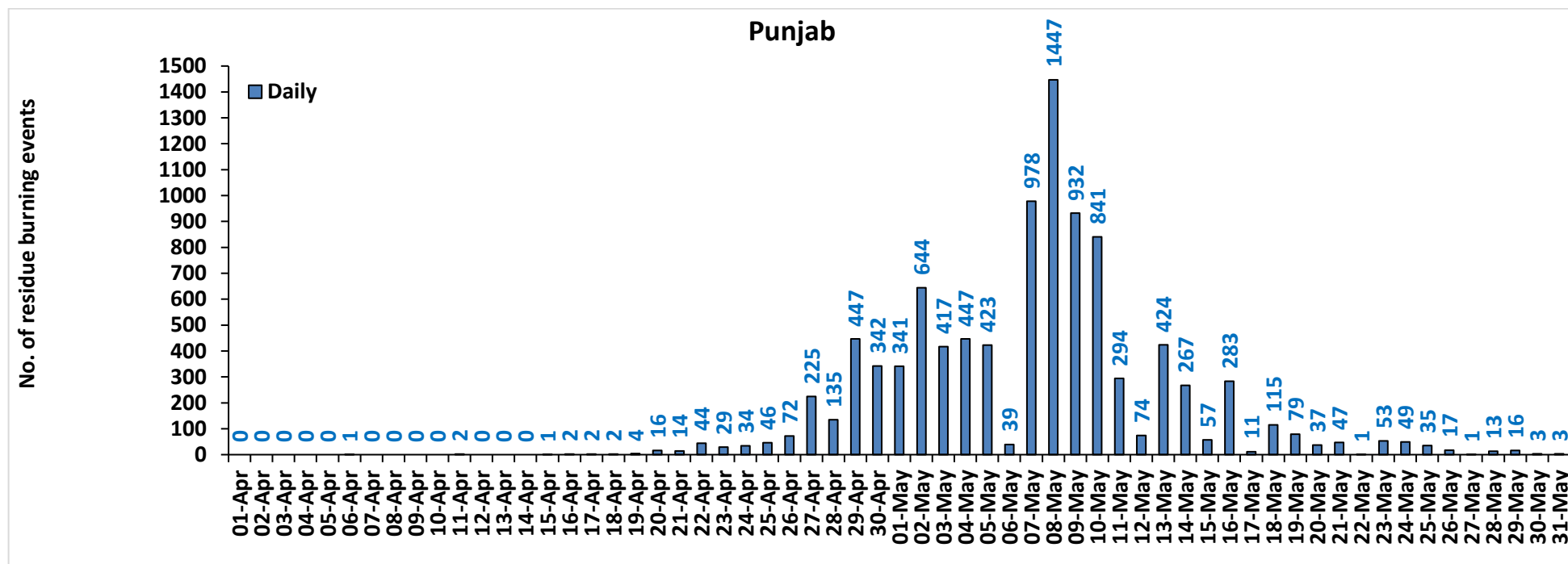
**Consortium for Research on Agroecosystem Monitoring and Modeling from Space (CREAMS) Laboratory,  
Division of Agricultural Physics, ICAR – Indian Agricultural Research Institute, New Delhi – 110012**

**<https://creams.iari.res.in/>**

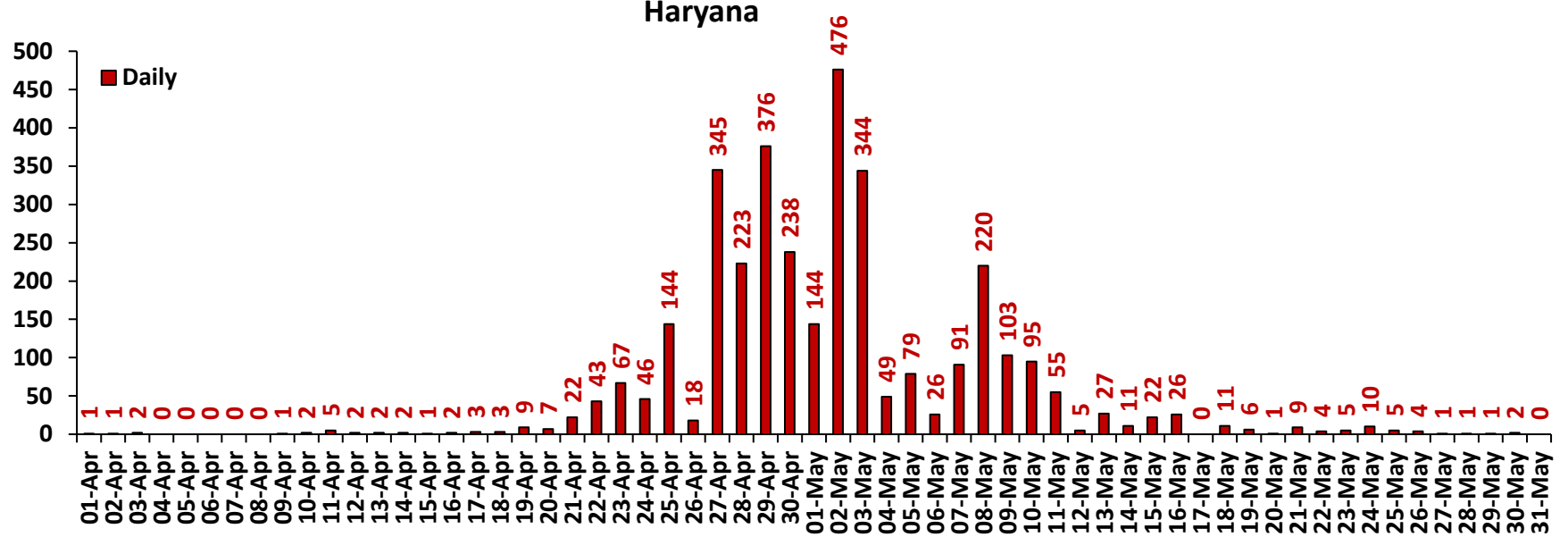
## Highlights for 31-May-2026

- 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 **60** residue burning events in the five study States on **31-May-2026**.
- The state wise events detected on **31-May-2026** were **03** in Punjab, **00** in Haryana, **00** in Delhi, **09** in Uttar Pradesh and **48** in Madhya Pradesh.
- Total **68259** burning events were detected in the five states between **01-Apr-2026** and **31-May-2026**, which are distributed as **9806, 3398, 15825, 65** and **39165** 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.

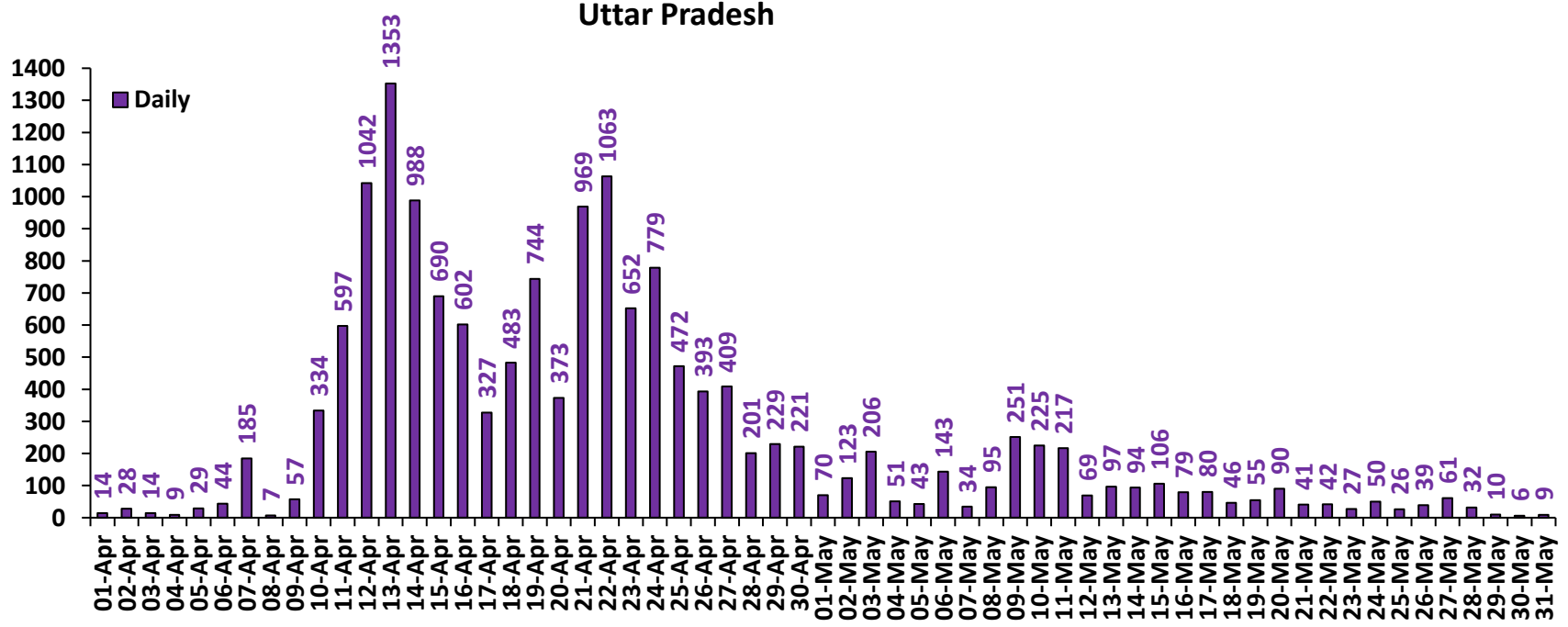
### Temporal distribution of wheat residue burning events for the study States in 2026



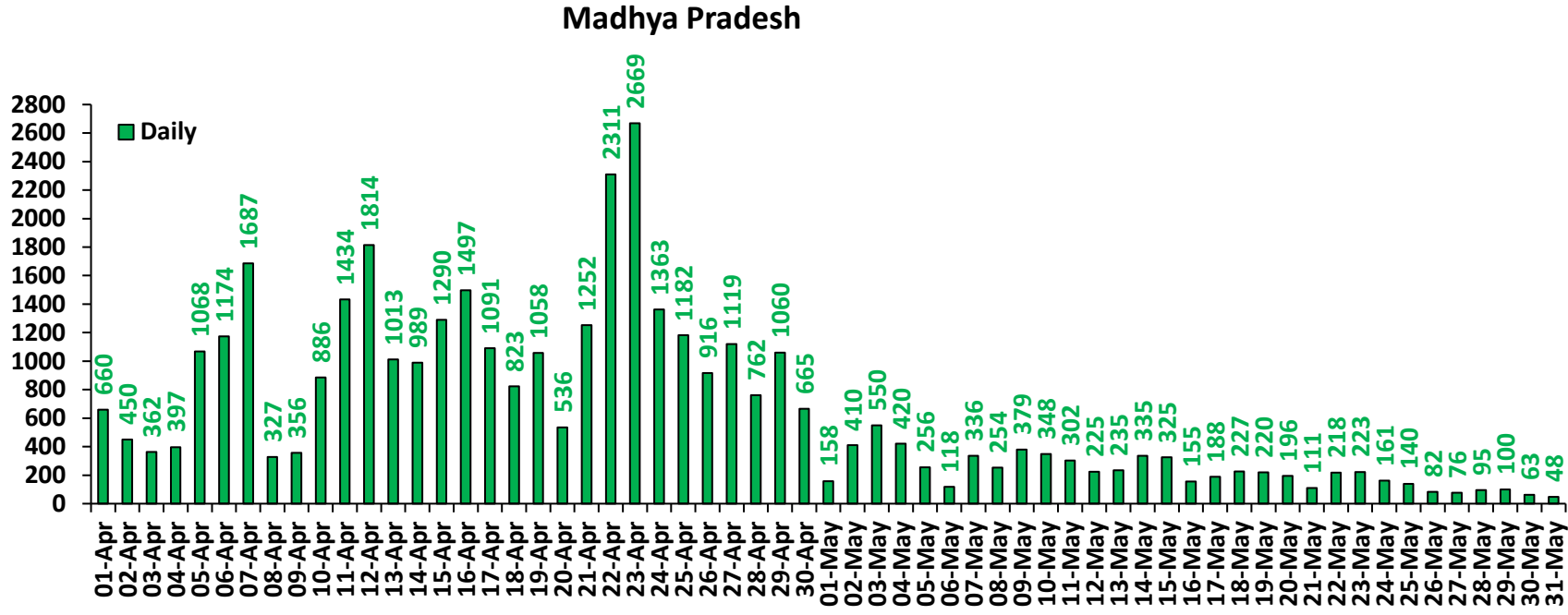
No. of residue burning events



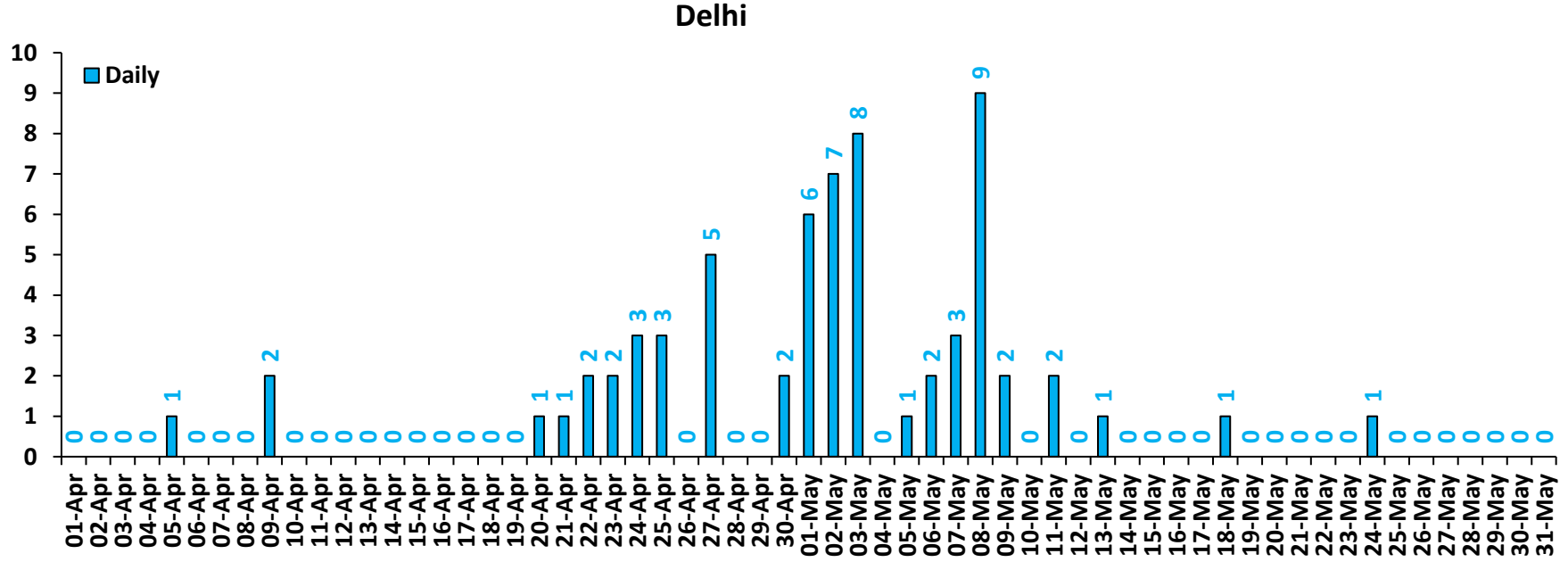
No. of residue burning events



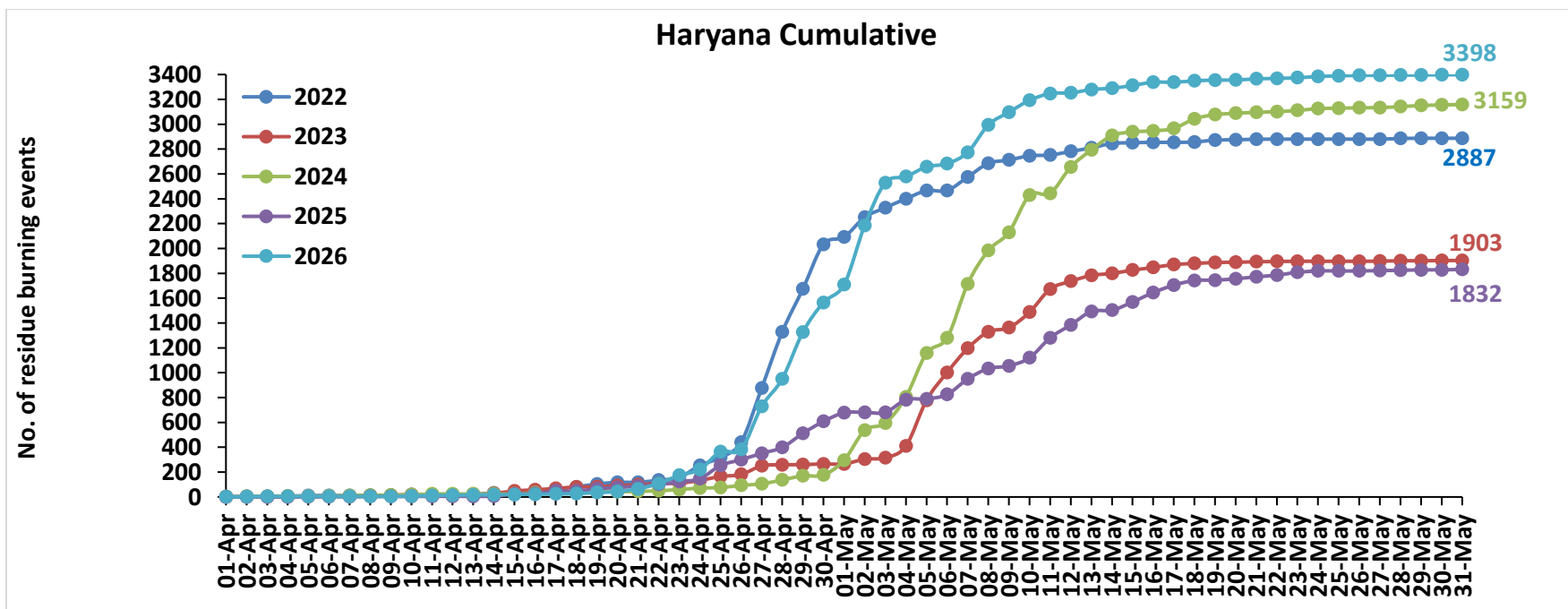
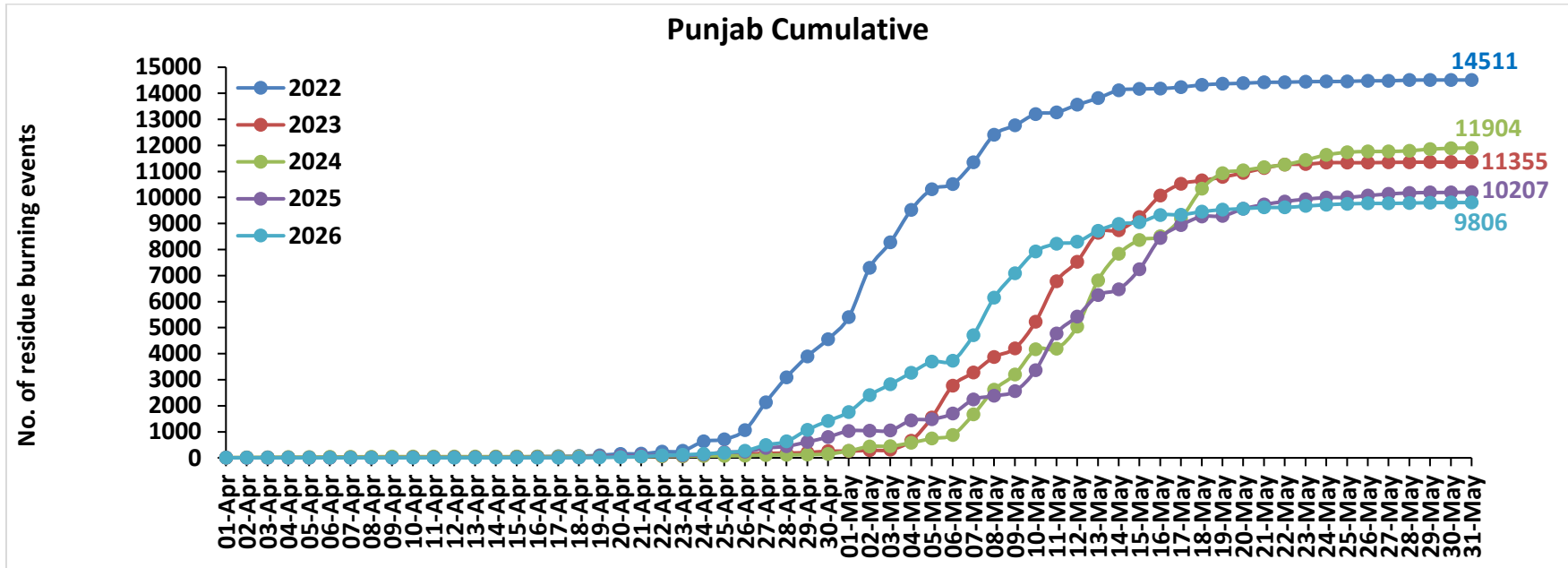
No. of residue burning events



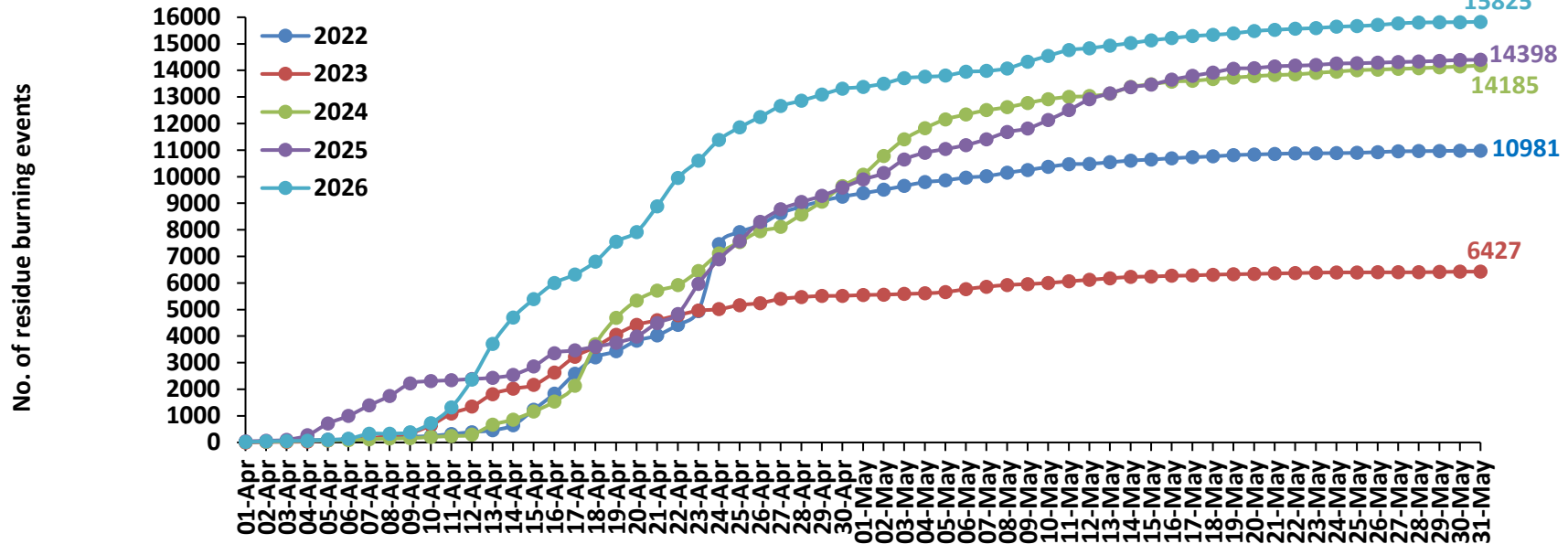
No. of residue burning events



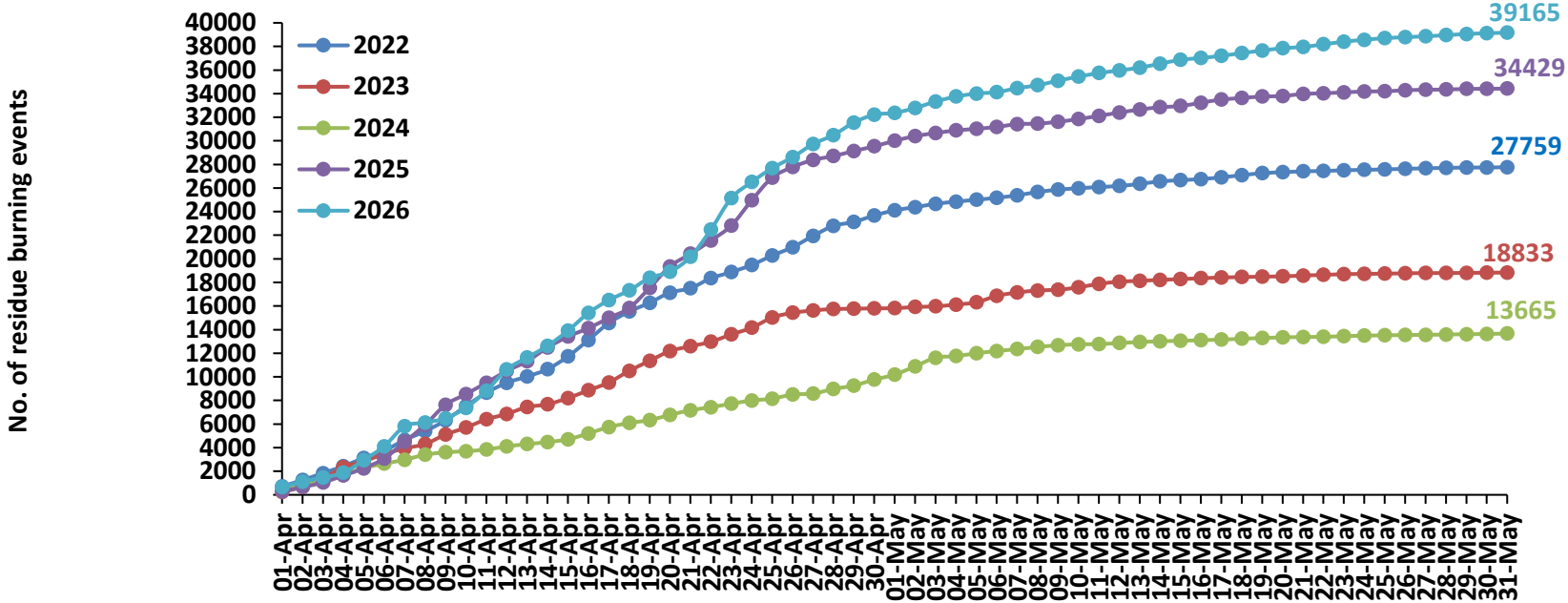
**Comparison of residue burning events in current year (2026) with previous year (2022,2023,2024 and 2025) for the study States**



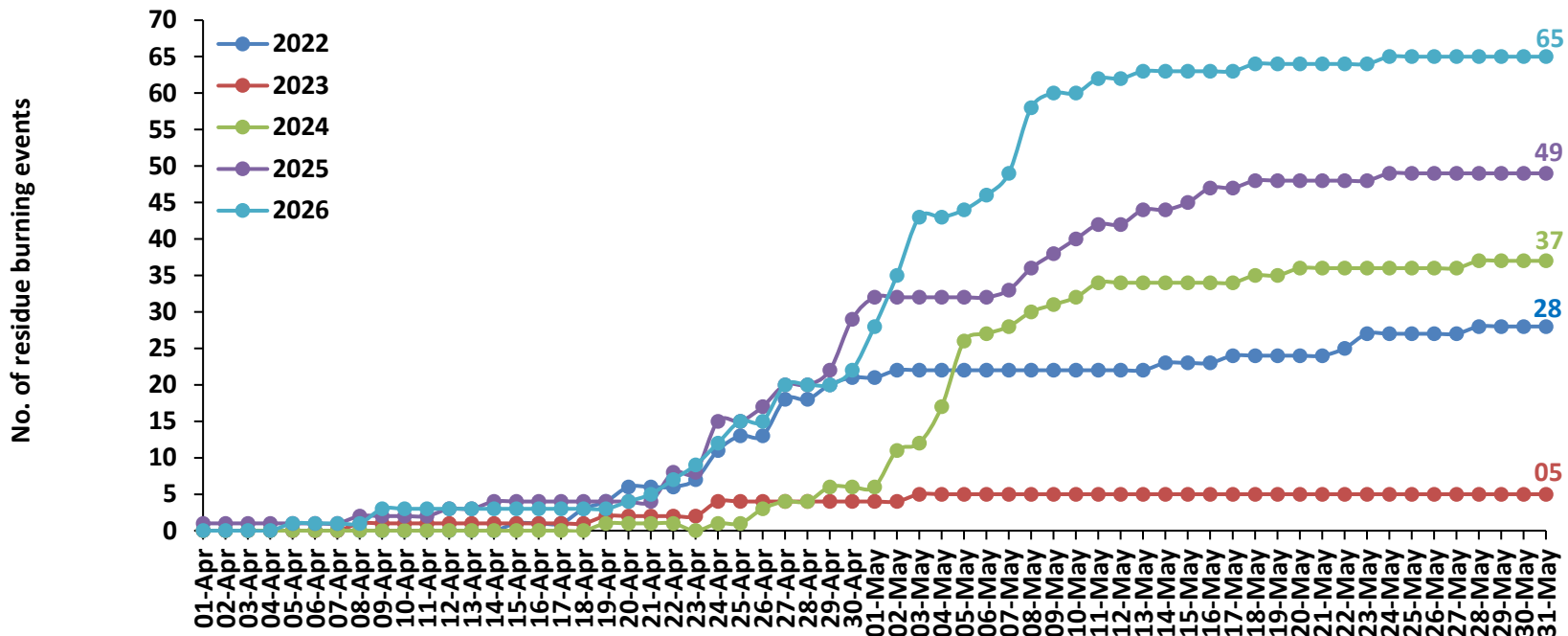
### Uttar Pradesh Cumulative



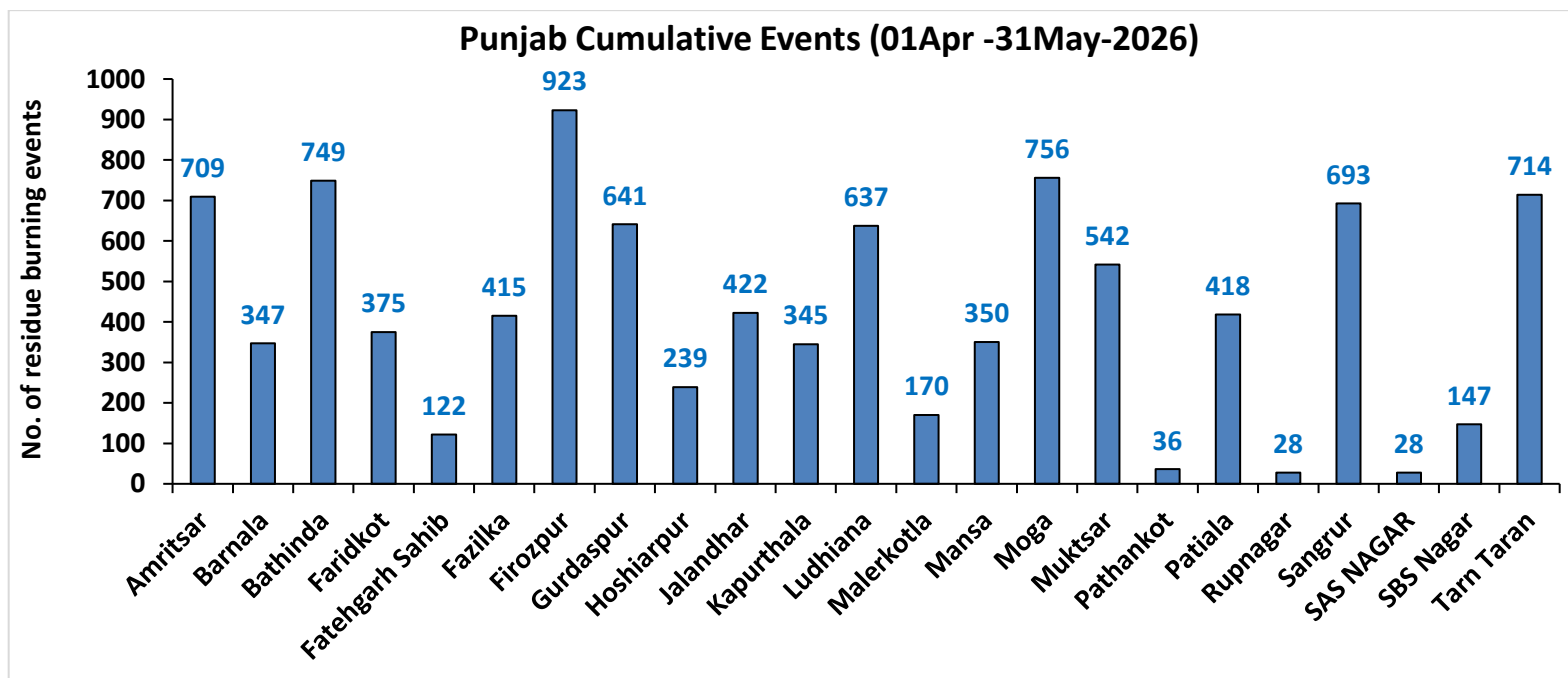
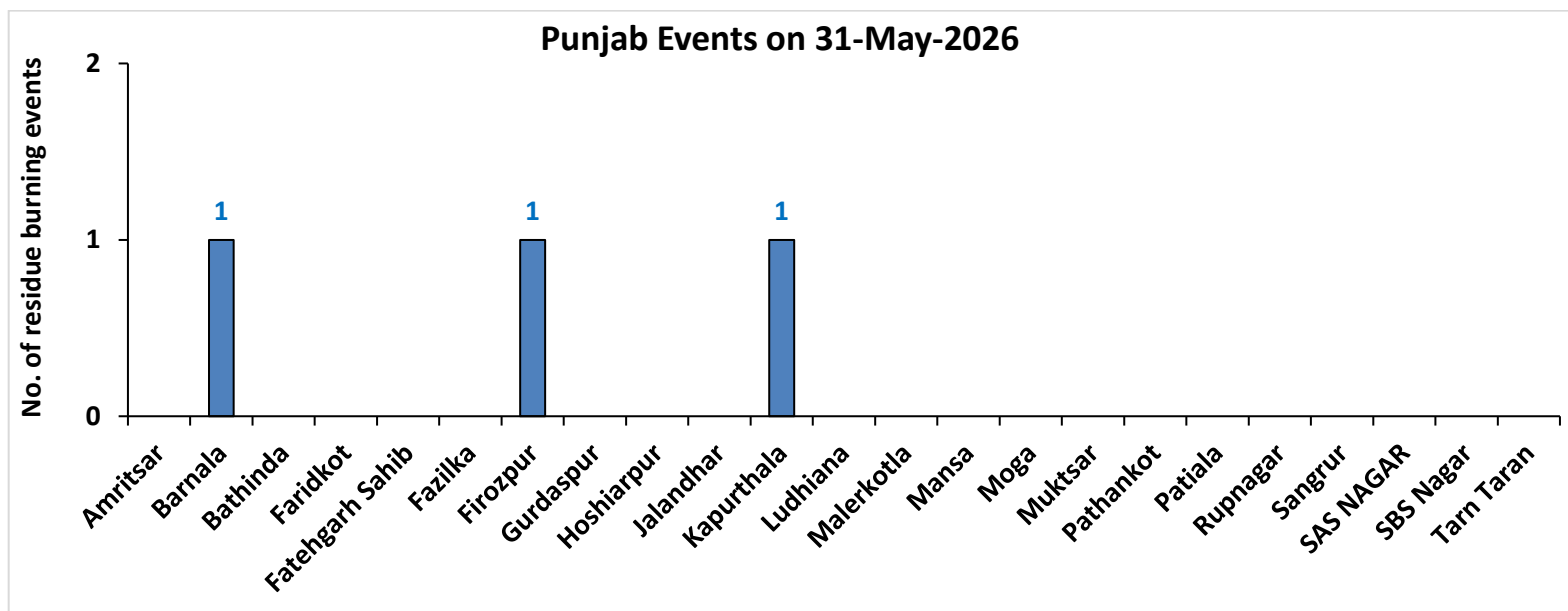
### Madhya Pradesh Cumulative



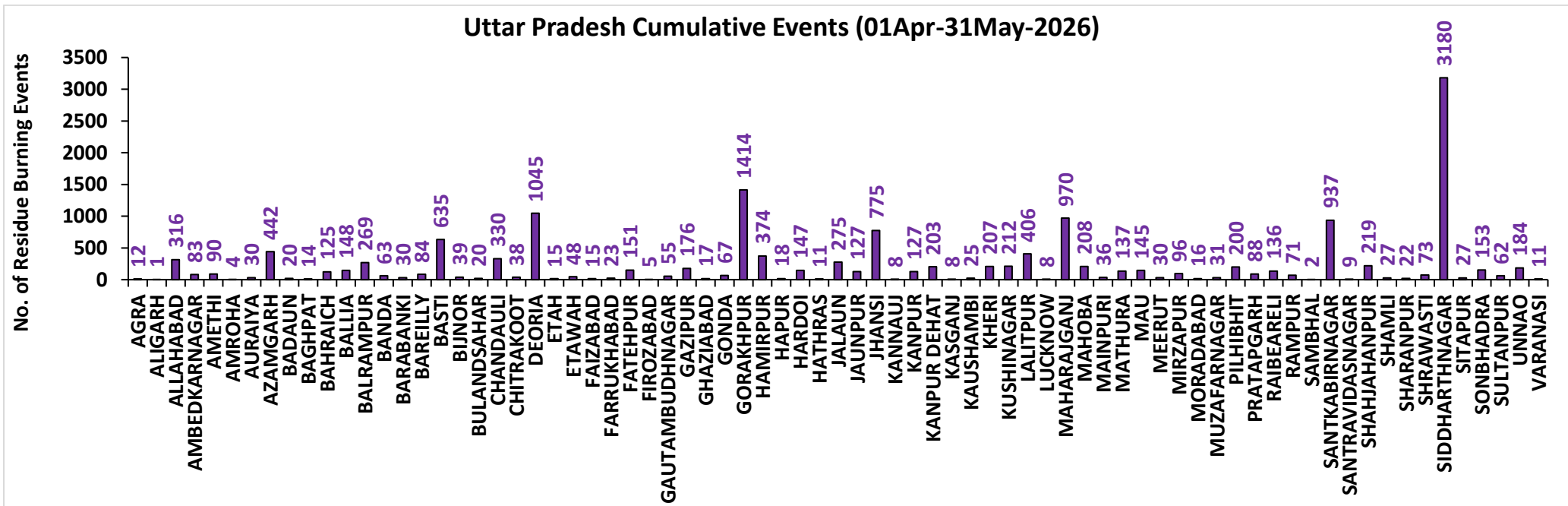
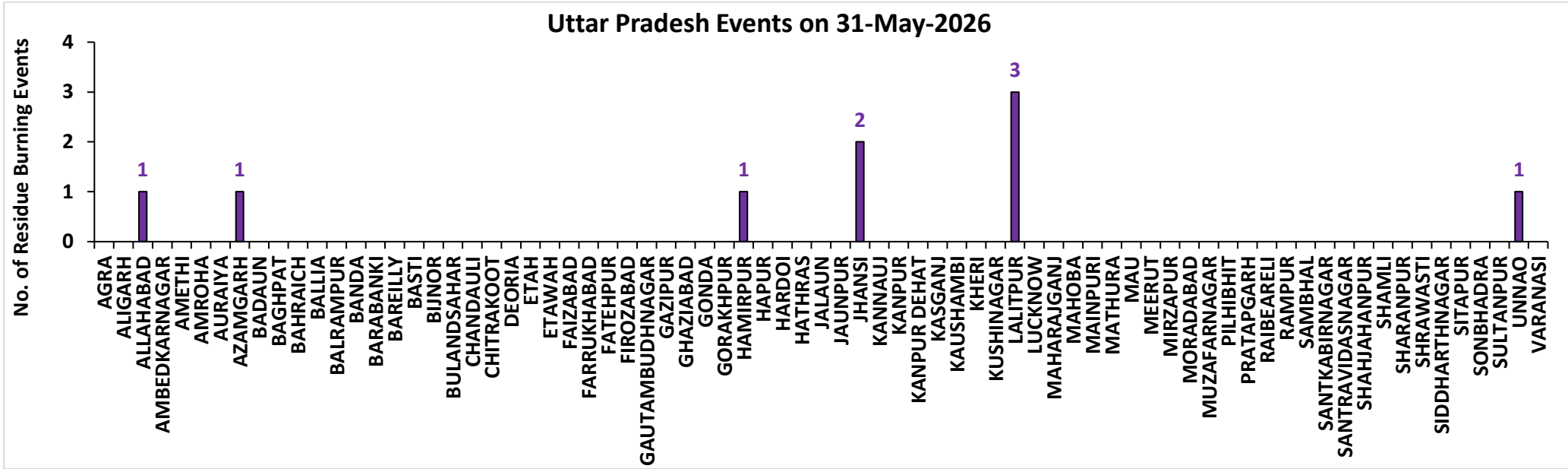
### Delhi Cumulative



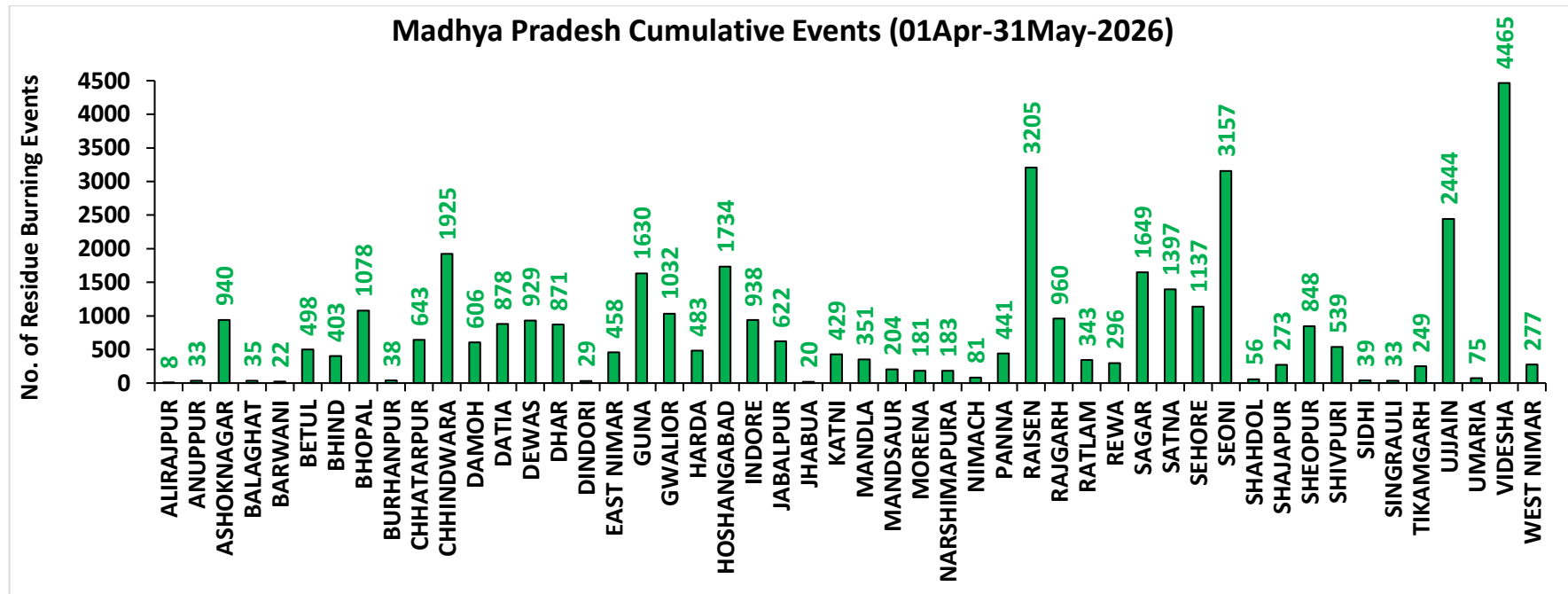
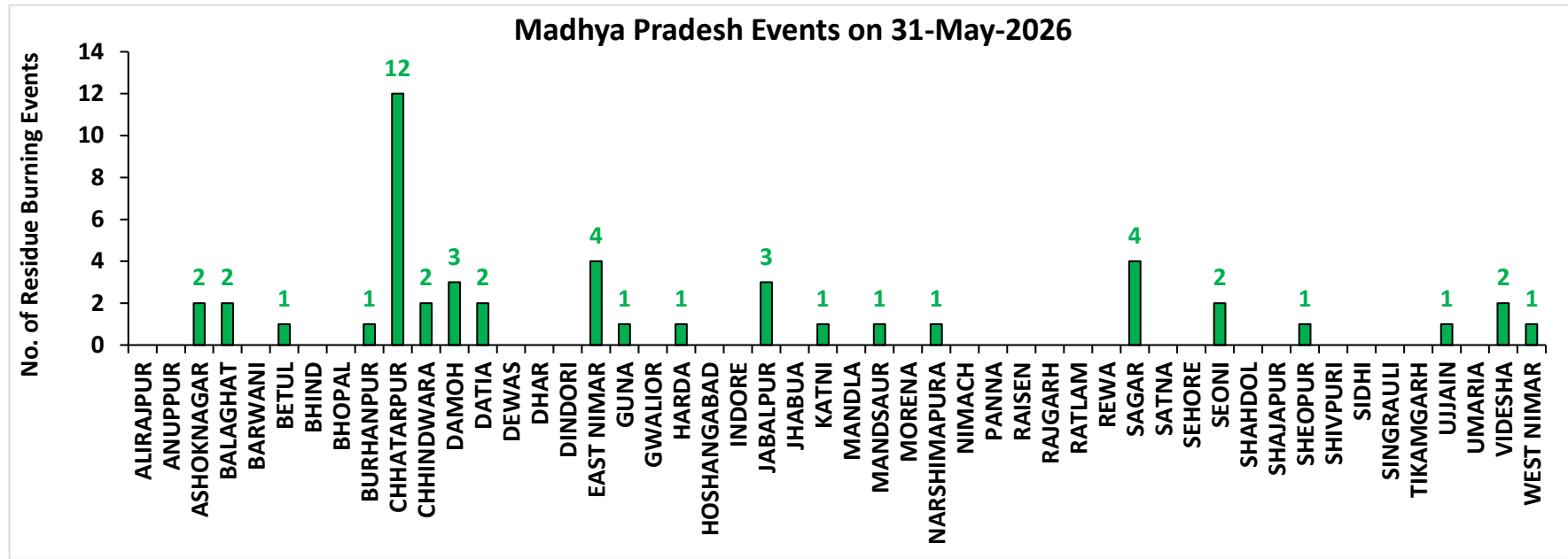
## District-wise cumulative number of residues burning events in Punjab (01Apr-31May-2026)



## District-wise cumulative number of residues burning events in Uttar Pradesh (01Apr-31May-2026)



## District-wise cumulative number of residues burning events in Madhya Pradesh (01Apr-31May-2026)



**District-wise cumulative number of wheat residue burning events detected in 2022, 2023,2024,2025 and 2026**  
**(Period: 01 April-31 May)**

**(a) Punjab**

District	01 Apr-31 May				
	2022	2023	2024	2025	2026
Amritsar	1245	871	1015	1102	709
Barnala	472	542	340	339	347
Bathinda	830	586	659	651	749
Faridkot	527	464	324	267	375
Fatehgarh Sahib	72	139	173	157	122
Fazilka	527	385	446	353	415
Firozpur	1429	899	919	743	923
Gurdaspur	1127	954	1336	856	641
Hoshiarpur	483	410	499	309	239
Jalandhar	835	622	475	439	422
Kapurthala	730	504	515	529	345
Ludhiana	950	889	841	640	637
Malerkotla	412	333	141	143	170
Mansa	1099	1010	311	260	350
Moga	729	587	790	865	756
Muksar	168	92	513	407	542
Pathankot	459	428	148	73	36
Patiala	75	41	540	459	418
Rupnagar	1012	817	70	42	28
Sangrur	27	11	589	654	693
SAS NAGAR (Mohali)	231	185	64	28	28
SBS Nagar	1072	586	216	191	147
Tarn Taran	0	0	980	700	714
<b>Total</b>	<b>14511</b>	<b>11355</b>	<b>11904</b>	<b>10207</b>	<b>9806</b>

**(b) Haryana**

District	01 Apr-31 May				
	2022	2023	2024	2025	2026
AMBALA	93	83	151	86	87
BHIWANI	76	24	95	36	89
CHARKHI DADRI	10	8	41	35	25
FARIDABAD	17	18	17	7	27
FATEHABAD	277	268	235	220	258
GURGAON	7	9	10	0	28
HISAR	151	113	136	71	237
JHAJJAR	122	68	268	149	325
JIND	346	156	318	176	494
KAITHAL	306	191	278	178	284
KARNAL	382	227	405	164	207
KURUKSHETRA	142	59	173	69	78
MAHENDRAGARH	0	0	0	0	0
MEWAT	3	8	4	0	14
PALWAL	33	28	31	13	43
PANCHKULA	3	3	9	0	6
PANIPAT	220	110	155	89	173
REWARI	3	3	1	0	5
ROHTAK	211	94	331	141	433
SIRSA	186	260	187	143	258
SONIPAT	275	133	272	219	308
YAMUNANAGAR	24	40	42	36	19
<b>Total</b>	<b>2887</b>	<b>1903</b>	<b>3159</b>	<b>1832</b>	<b>3398</b>

(c) Uttar Pradesh

District	01 Apr-31 May																	
	2022	2023	2024	2025	2026	GAUTAMBUDHNAGAR	29	24	33	53	55	MUZAFARNAGAR	55	33	47	80	31	
AGRA	2	0	3	9	12	GAZIPUR	111	48	150	155	176	PILHIBHIT	327	66	269	501	200	
ALIGARH	19	33	40	84	1	GHAZIABAD	14	10	32	44	17	PRATAPGARH	24	15	50	37	88	
ALLAHABAD	112	45	185	227	316	GONDA	26	29	53	83	67	RAIBEARELI	107	17	113	152	136	
AMBEDKARNAGAR	11	13	37	67	83	GORAKHPUR	978	368	702	880	1414	RAMPUR	117	34	133	170	71	
AMETHI	0	0	0	0	90	HAMIRPUR	18	42	91	319	374	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	108	17	55	70	30	HARDOI	120	82	131	324	147	SANTRAVIDASNAGAR	1	3	5	2	9	
AZAMGARH	90	76	278	200	442	HATHRAS	0	1	0	7	11	SHAHJAHANPUR	348	106	241	492	219	
BADAUN	9	8	24	55	20	JALAUN	27	22	205	338	275	SHAMLI	0	0	0	0	27	
BAGHPAT	8	3	12	23	14	JAUNPUR	23	9	84	53	127	SHARANPUR	32	21	20	50	22	
BAHRAICH	110	47	130	222	125	JHANSI	111	142	474	644	775	SHRAWASTI	86	43	156	138	73	
BALLIA	156	205	398	231	148	KANNAUJ	0	1	3	9	8	SIDDHARTHANAGAR	2541	1852	3269	2358	3180	
BALRAMPUR	246	97	303	219	269	KANPUR	14	4	46	81	127	SITAPUR	25	26	42	98	27	
BANDA	10	6	28	43	63	KANPUR DEHAT	33	28	58	121	203	SONBHADRA	130	43	34	41	153	
BARABANKI	10	3	35	59	30	KASGANJ	0	0	0	0	8	SULTANPUR	62	30	103	77	62	
BAREILLY	114	22	123	203	84	KAUSHAMBI	8	6	8	26	25	UNNAO	73	20	143	172	184	
BASTI	435	226	586	343	635	KHERI	167	79	181	327	207	VARANASI	2	0	2	3	11	
BIJNOR	55	29	22	83	39	KUSHINAGAR	226	95	359	251	212	<b>Total</b>	<b>10981</b>	<b>6427</b>	<b>14185</b>	<b>14398</b>	<b>15825</b>	
BULANDSAHAR	8	11	7	22	20	LALITPUR	75	77	210	647	406							
CHANDAULI	294	63	339	199	330	LUCKNOW	13	2	15	28	8							
CHITRAKOOT	24	3	11	23	38	MAHARAJGANJ	1495	977	1744	1034	970							
DEORIA	734	440	984	875	1045	MAHOBA	8	46	62	173	208							
ETAH	2	7	15	55	15	MAINPURI	6	9	26	73	36							
ETAWAH	3	5	26	52	48	MATHURA	24	54	69	134	137							
FAIZABAD	7	12	25	17	15	MAU	88	64	156	99	145							
FARRUKHABAD	3	2	8	26	23	MEERUT	20	27	43	37	30							
FATEHPUR	56	35	97	96	151	MIRZAPUR	75	15	18	39	96							
FIROZABAD	2	0	2	2	5	MORADABAD	8	14	11	15	16							

**(d) Uttar Pradesh NCR**

District	01 Apr-31 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	27	43	37	30
MUZAFARNAGAR	55	33	47	80	31
SHAMLI	0	0	0	0	27
<b>Total</b>	<b>134</b>	<b>108</b>	<b>174</b>	<b>259</b>	<b>212</b>

**(e) Delhi**

District	01 Apr-31 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
<b>Total</b>	<b>28</b>	<b>5</b>	<b>37</b>	<b>49</b>	<b>65</b>

(f) Madhya Pradesh

District	01 Apr-31 May										
	2022	2023	2024	2025	2026	PANNA	184	76	194	332	441
ALIRAJPUR	0	0	2	3	8	RAISEN	2661	1676	1330	2484	3205
ANUPPUR	35	5	6	28	33	RAJGARH	166	183	52	537	960
ASHOKNAGAR	651	232	360	1557	940	RATLAM	200	292	78	336	343
BALAGHAT	32	4	6	13	35	REWA	203	80	180	196	296
BARWANI	9	9	4	8	22	SAGAR	782	587	430	1497	1649
BETUL	213	65	69	175	498	SATNA	1050	259	642	892	1397
BHIND	76	70	127	332	403	SEHORE	958	656	333	849	1137
BHOPAL	973	496	260	1120	1078	SEONI	1532	822	882	1527	3157
BURHANPUR	13	4	6	14	38	SHAHNOL	112	9	25	62	56
CHHATARPUR	182	180	360	690	643	SHAJAPUR	416	550	229	1066	273
CHHINDWARA	538	269	272	741	1925	SHEOPUR	379	452	511	1064	848
DAMOH	219	258	214	746	606	SHIVPURI	200	125	172	774	539
DATIA	397	288	572	776	878	SIDHI	32	6	9	22	39
DEWAS	587	571	105	847	929	SINGRAULI	133	3	11	65	33
DHAR	1013	888	186	1015	871	TIKAMGARH	45	88	119	287	249
DINDORI	45	5	9	49	29	UJJAIN	1251	1789	525	2211	2444
EAST NIMAR	89	108	37	227	458	UMARIA	64	16	28	59	75
GUNA	776	403	326	1929	1630	VIDESHA	3756	1751	1185	4463	4465
GWALIOR	624	398	676	726	1032	WEST NIMAR	42	81	40	190	277
HARDA	405	282	84	217	483	<b>Total</b>	<b>27759</b>	<b>18833</b>	<b>13665</b>	<b>34429</b>	<b>39165</b>
HOSHANGABAD	4067	2759	1586	1592	1734						
INDORE	971	1010	398	1336	938						
JABALPUR	902	490	498	408	622						
JHABUA	3	7	2	10	20						
KATNI	315	158	228	271	429						
MANDLA	182	52	110	188	351						
MANDSAUR	69	113	20	154	204						
MORENA	52	62	57	136	181						
NARSHIMAPURA	134	104	98	130	183						
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-31 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
29-May	7	2	62	14	16	2	0	10	4	1	9	10	32	26	10	0	0	0	0	0	24	13	27	48	100
30-May	0	0	32	4	3	0	2	4	0	2	6	12	31	31	6	0	0	0	0	0	11	15	22	11	63
31-May	0	0	17	14	3	0	0	4	4	0	6	1	40	9	9	0	0	0	0	0	16	10	32	22	48
Total	14511	11355	11904	10207	9806	2887	1903	3159	1832	3398	10981	6427	14185	14398	15825	28	5	37	49	65	27759	18833	13665	34429	39165

### Details of wheat residue burning events in Punjab on 31-May-2026

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m <sup>2</sup> )
1	BARNALA	BARNALA	S-NPP	30.24823	75.63738	14:03:38	D	3.30
2	FIROZPUR	GURUHAR SAHAI	S-NPP	30.63675	74.47816	14:03:38	D	5.10
3	KAPURTHALA	PHAGWARA	AQUA	31.19700	75.70800	15:29:51	D	8.50

### Details of wheat residue burning events in Uttar Pradesh on 31-May-2026

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m <sup>2</sup> )
1	ALLAHABAD	KORAWN	S-NPP	24.99094	82.04322	14:07:00	D	4.71
2	AZAMGARH	PHULPUR	S-NPP	26.21279	82.69530	12:27:00	D	3.42
3	HAMIRPUR	RATH	S-NPP	25.66360	79.52776	14:07:00	D	5.05
4	JHANSI	GARAUTHA	S-NPP	25.75096	79.31708	14:07:00	D	13.49
5	JHANSI	JHANSI	S-NPP	25.58305	78.61858	14:07:00	D	8.80
6	LALITPUR	KHAGA	S-NPP	24.45229	78.76801	14:07:00	D	3.10
7	LALITPUR	LALITPUR	S-NPP	24.54108	78.30974	14:07:00	D	10.02
8	LALITPUR	LALITPUR	S-NPP	24.66933	78.38037	14:07:00	D	23.08
9	UNNAO	UNNAO	S-NPP	26.37297	80.50627	14:07:00	D	2.34

### Details of wheat residue burning events in Madhya Pradesh on 31-May-2026

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m <sup>2</sup> )
1	ASHOKNAGAR	CHANDERI	S-NPP	24.67062	78.04707	14:07:00	D	9.41
2	ASHOKNAGAR	CHANDERI	S-NPP	24.67233	78.05010	14:07:00	D	12.10
3	BALAGHAT	KIRNAPUR	S-NPP	21.68209	80.21926	14:05:00	D	3.68
4	BALAGHAT	LANJI	S-NPP	21.46054	80.48611	14:05:00	D	8.55
5	BETUL	BETUL	S-NPP	21.78523	77.92551	01:12:00	N	0.79
6	BURHANPUR	KHAKNAR	S-NPP	21.30726	76.35757	14:05:00	D	4.34
7	CHHATARPUR	BARAMALEHRA	S-NPP	24.54184	79.12286	14:07:00	D	7.30
8	CHHATARPUR	BIJAWAR	S-NPP	24.42228	79.30866	01:10:00	N	0.47
9	CHHATARPUR	CHHATARPUR	S-NPP	24.96841	79.35317	14:07:00	D	4.00
10	CHHATARPUR	CHHATARPUR	S-NPP	24.97285	79.34631	14:07:00	D	5.51

11	CHHATARPUR	NOWGOAN	S-NPP	25.06109	79.83646	14:07:00	D	3.85
12	CHHATARPUR	NOWGOAN	S-NPP	25.08924	79.91212	14:07:00	D	2.71
13	CHHATARPUR	RAJNAGAR	S-NPP	24.77022	79.94819	14:07:00	D	2.47
14	CHHATARPUR	RAJNAGAR	S-NPP	24.91077	79.86896	14:07:00	D	4.42
15	CHHATARPUR	RAJNAGAR	S-NPP	24.96639	79.83601	14:07:00	D	4.09
16	CHHATARPUR	RAJNAGAR	S-NPP	25.01072	79.91860	14:07:00	D	2.63
17	CHHATARPUR	RAJNAGAR	S-NPP	25.01104	79.92210	14:07:00	D	2.63
18	CHHATARPUR	RAJNAGAR	S-NPP	25.03457	79.94789	14:07:00	D	0.88
19	CHHINDWARA	CHHINDWARA	S-NPP	21.97930	78.88058	14:05:00	D	17.04
20	CHHINDWARA	CHHINDWARA	S-NPP	21.98022	78.87740	14:05:00	D	16.43
21	DAMOH	DAMOH	S-NPP	23.88755	79.55981	14:05:00	D	1.32
22	DAMOH	PATHARIA	S-NPP	23.90978	79.31995	14:07:00	D	41.61
23	DAMOH	PATHARIA	S-NPP	23.91038	79.32601	14:07:00	D	41.61
24	DATIA	DATIA	S-NPP	25.58381	78.54528	14:07:00	D	6.38
25	DATIA	DATIA	S-NPP	25.58501	78.54168	14:07:00	D	4.91
26	EAST NIMAR	HARSUD	S-NPP	21.89029	76.81591	14:05:00	D	1.44
27	EAST NIMAR	HARSUD	S-NPP	21.93528	76.68678	02:53:00	N	4.07
28	EAST NIMAR	KHANDWA	S-NPP	22.03588	76.48531	14:05:00	D	9.45
29	EAST NIMAR	KHANDWA	S-NPP	22.03643	76.48495	14:05:00	D	9.24
30	GUNA	GUNA	S-NPP	24.97186	77.05746	14:07:00	D	6.33
31	HARDA	KHIRKIYAN	S-NPP	22.26543	76.88307	14:05:00	D	7.85
32	JABALPUR	JABALPUR	S-NPP	22.86115	79.90686	14:05:00	D	2.37
33	JABALPUR	JABALPUR	S-NPP	23.05365	79.83778	02:53:00	N	0.95
34	JABALPUR	JABALPUR	S-NPP	23.05471	79.83872	02:53:00	N	0.43
35	KATNI	DHIMERKHEDA	S-NPP	23.60716	80.34874	14:05:00	D	2.60
36	MANDSAUR	BHANPURA	S-NPP	24.45422	75.61861	14:07:00	D	4.61
37	NARSHIMAPURA	GOTECAON	S-NPP	22.87815	79.56448	14:05:00	D	3.99
38	SAGAR	BINA	S-NPP	24.36736	78.23224	14:07:00	D	17.90
39	SAGAR	BINA	S-NPP	24.37009	78.23088	14:07:00	D	18.97
40	SAGAR	SAGAR	S-NPP	23.67249	78.56497	14:05:00	D	9.78
41	SAGAR	SAGAR	S-NPP	23.83843	78.57349	14:07:00	D	26.73
42	SEONI	KEWLARI	S-NPP	22.36798	79.76655	14:05:00	D	12.71
43	SEONI	KEWLARI	S-NPP	22.54435	80.02543	02:53:00	N	0.48
44	SHEOPUR	KARAHAL	S-NPP	25.36304	76.85191	14:07:00	D	5.55
45	UJJAIN	UJJAIN	S-NPP	23.06627	75.76626	14:05:00	D	19.98
46	VIDESHA	GYARASPUR	S-NPP	23.64374	78.09509	14:05:00	D	1.72
47	VIDESHA	VIDESHA	S-NPP	23.57869	77.81924	01:10:00	N	4.93
48	WEST NIMAR	MAHESHWAR	S-NPP	22.28110	75.68291	14:05:00	D	2.67

**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**

**Study Team**

ICAR – HQ	Dr.S.N. Jha	DDG (AG. ENGG.)	<a href="mailto:ddgengg@icar.org.in">ddgengg@icar.org.in</a>
	Dr. Rajbir Singh	DDG (AG. EXTN)	<a href="mailto:ddgextn.icar@gov.in">ddgextn.icar@gov.in</a>
ICAR - IARI	<b>Dr V.K. Sehgal</b>	Principal & Nodal Scientist	<a href="mailto:iaricreams@gmail.com">iaricreams@gmail.com</a>
	Dr Rajkumar Dhakar	Senior Scientist	<a href="mailto:raidhakar.iari@gmail.com">raidhakar.iari@gmail.com</a>
	Mr Mohd Jahangir	YP-I (FASAL 2.0)	<a href="mailto:mjahangir198@gmail.com">mjahangir198@gmail.com</a>
ICAR - ATARI	Dr.Parvender Sheoran	Director ATARI (Zone-I) Ludhiana	<a href="mailto:zcu1ldh@gmail.com">zcu1ldh@gmail.com</a>
	Dr. J.P. Mishra	Director ATARI (Zone-II) Jodhpur	<a href="mailto:jp.mishra67@gov.in">jp.mishra67@gov.in</a>
	Dr. R. Singh	Director ATARI (Zone-III) Kanpur	<a href="mailto:zpdicarkanpur@gmail.com">zpdicarkanpur@gmail.com</a>
ICAR - IASRI	Dr Rajender Parsad	Principal Scientist, ICAR-HQ	<a href="mailto:rajenderparsad.iasri@icar.org.in">rajenderparsad.iasri@icar.org.in</a>

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

**Disclaimer:** The products / information provided are the results of research work and following the approved protocol of CAQM. CREAMS@IARI donot guarantee the correctness, accuracy, reliability, or any other aspect regarding characteristics or use of the information presented. So, you are cautioned to use your discretion in using the information provided. CREAMS@IARI is not responsible for any damages or loss incurred due to the usage of the information. Though all efforts have been made to keep the content accurate and up to date, the same should not be construed as a statement of law or used for any legal purpose. It may be noted that all agricultural fires events at all time are not recorded by satellites due to: (a) fires taking place when satellite over-pass is not there, and (b) presence of thick cloud and smog at the time of pass.

\*\*\*