



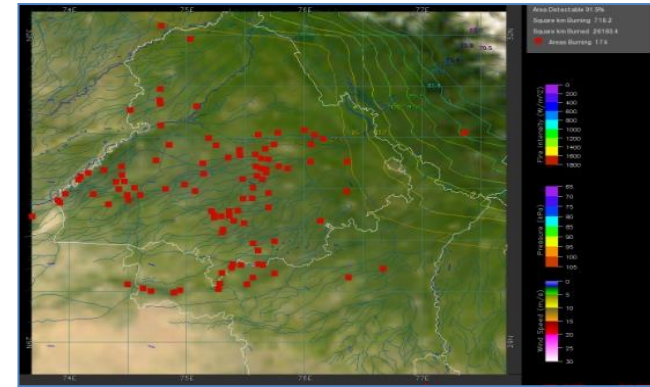
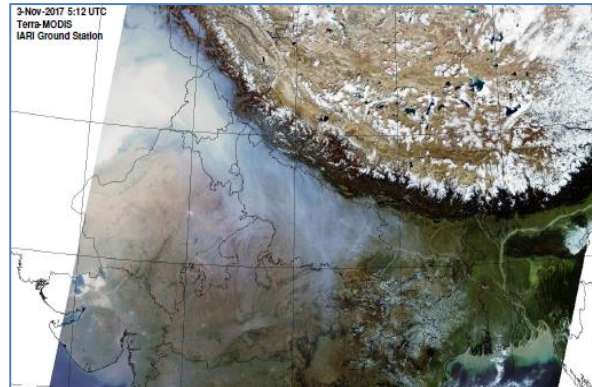
**Bulletin  
No. 60**

**Events Date:  
30-May-2026**

**Issued on:  
30-May-2026**



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



**Prepared by:**

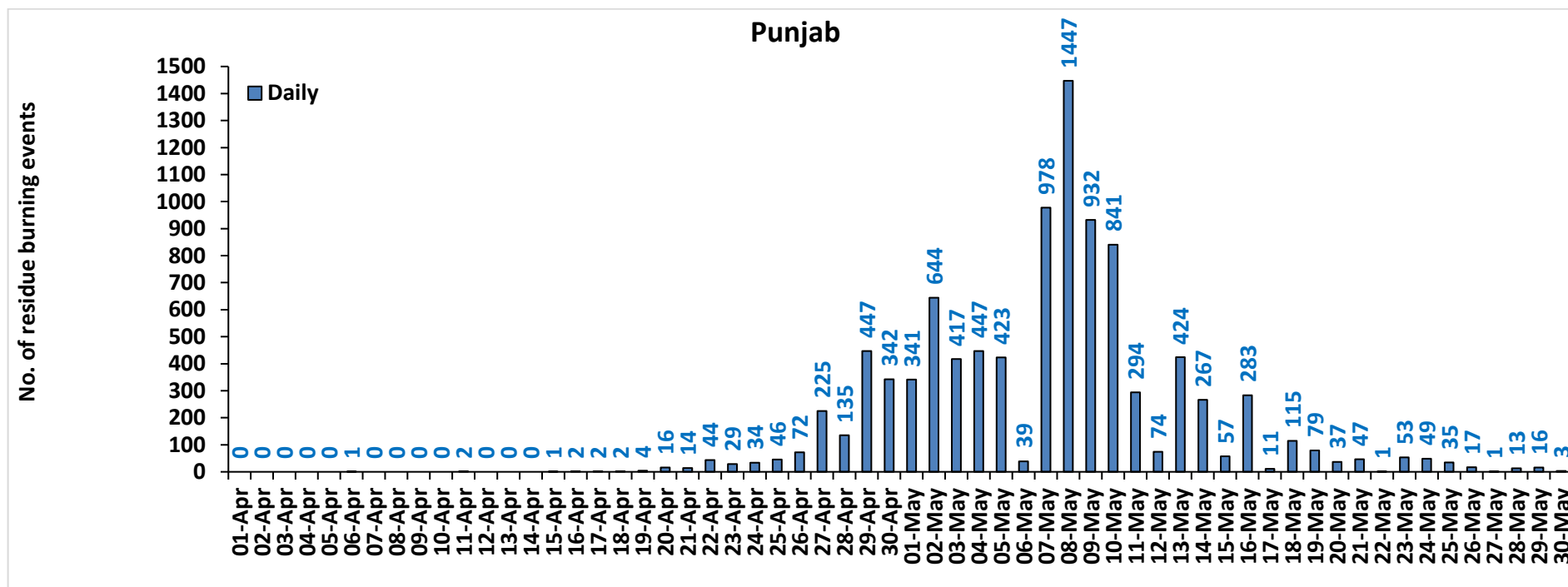
**Consortium for Research on Agroecosystem Monitoring and Modeling from Space (CREAMS) Laboratory,  
Division of Agricultural Physics, ICAR – Indian Agricultural Research Institute, New Delhi – 110012**

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

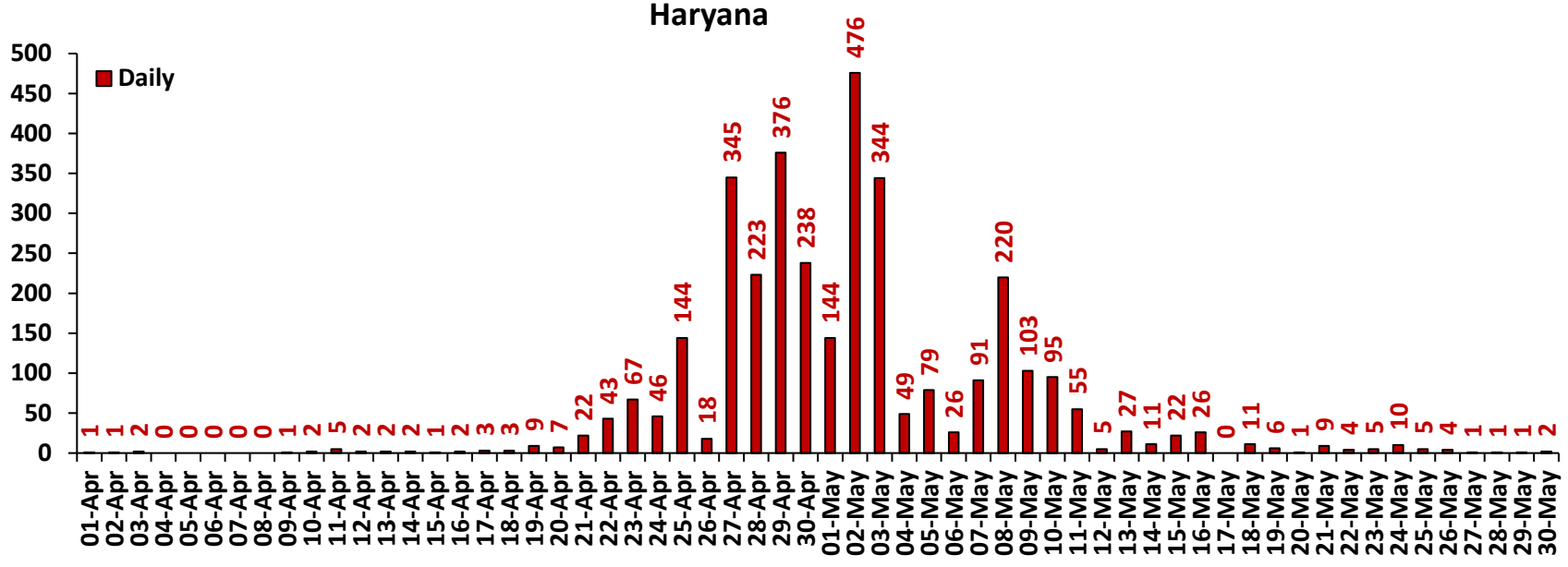
## Highlights for 30-May-2026

- 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 **74** residue burning events in the five study States on **30-May-2026**.
- The state wise events detected on **30-May-2026** were **03** in Punjab, **02** in Haryana, **00** in Delhi, **06** in Uttar Pradesh and **63** in Madhya Pradesh.
- Total **68199** burning events were detected in the five states between **01-Apr-2026** and **30-May-2026**, which are distributed as **9803, 3398, 15816, 65** and **39117** 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.

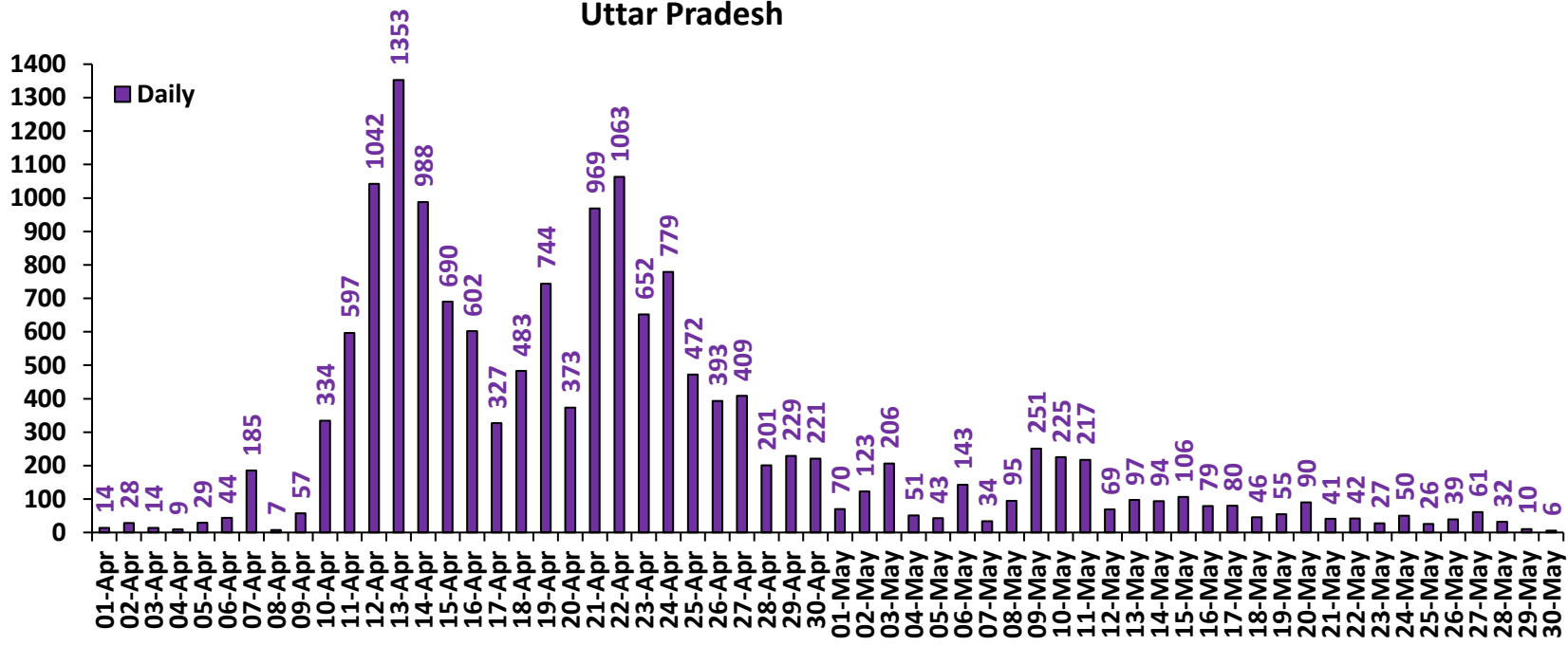
### Temporal distribution of wheat residue burning events for the study States in 2026



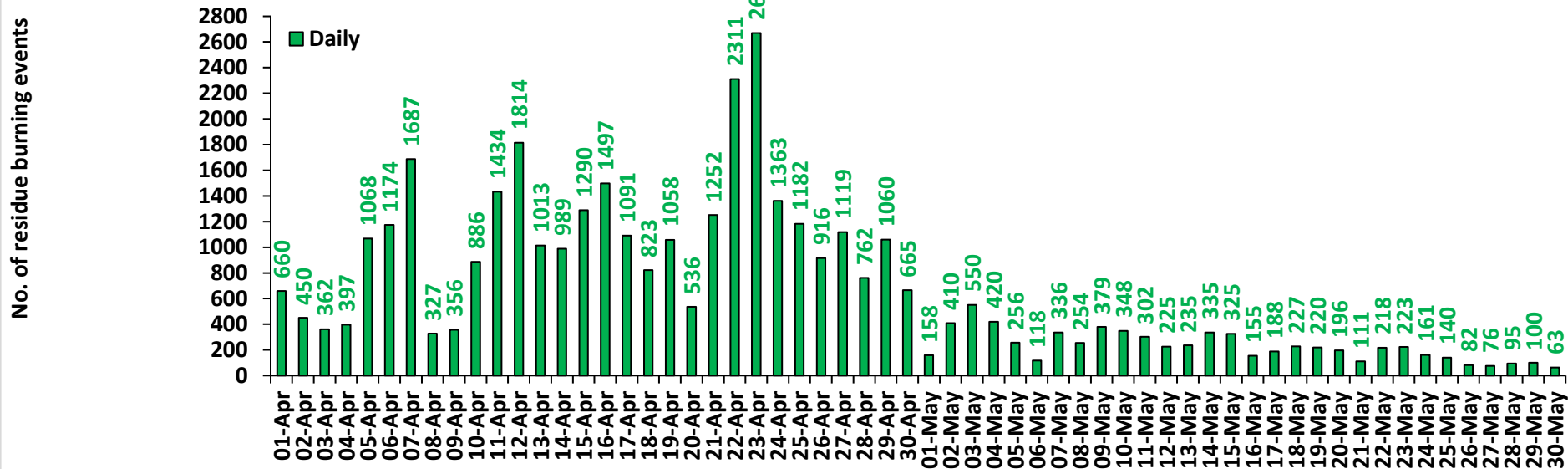
No. of residue burning events



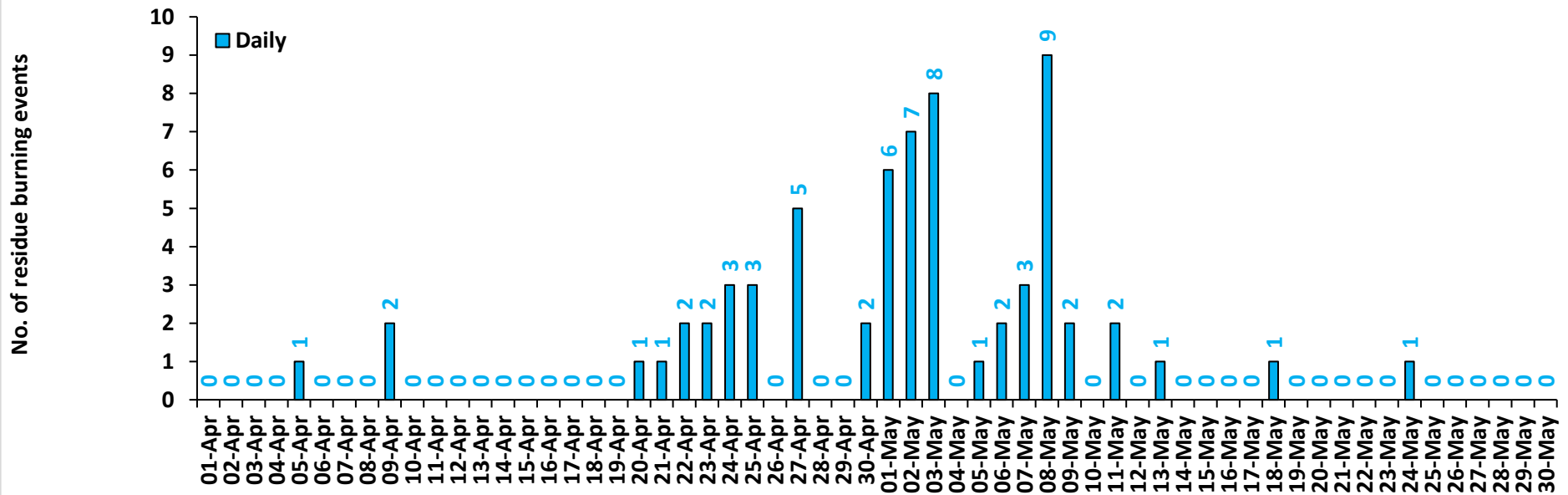
No. of residue burning events



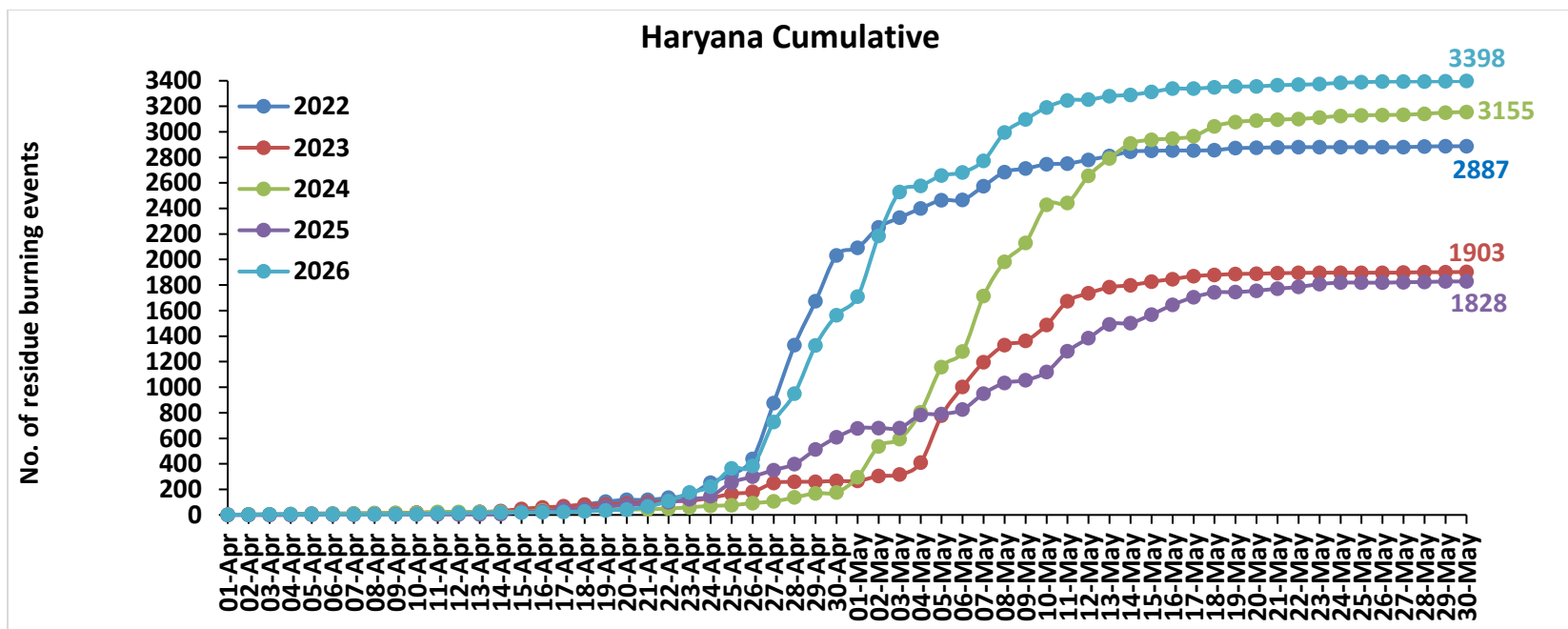
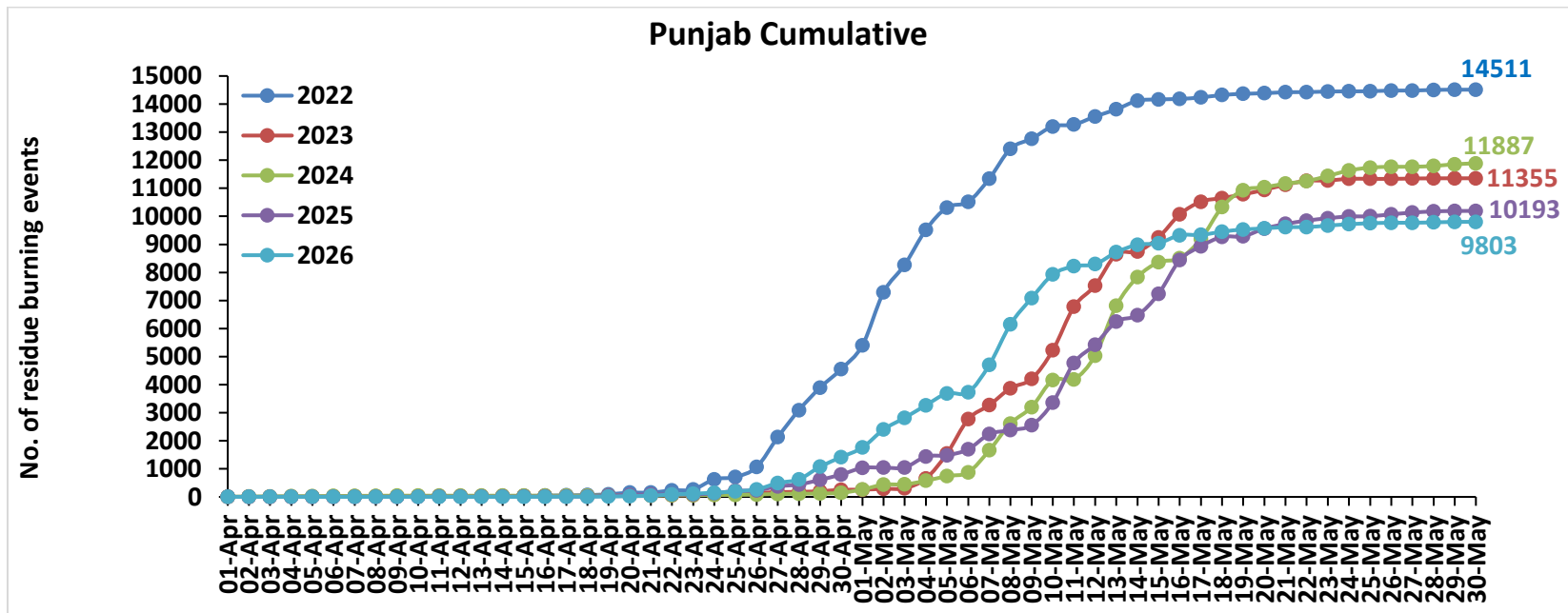
### Madhya Pradesh



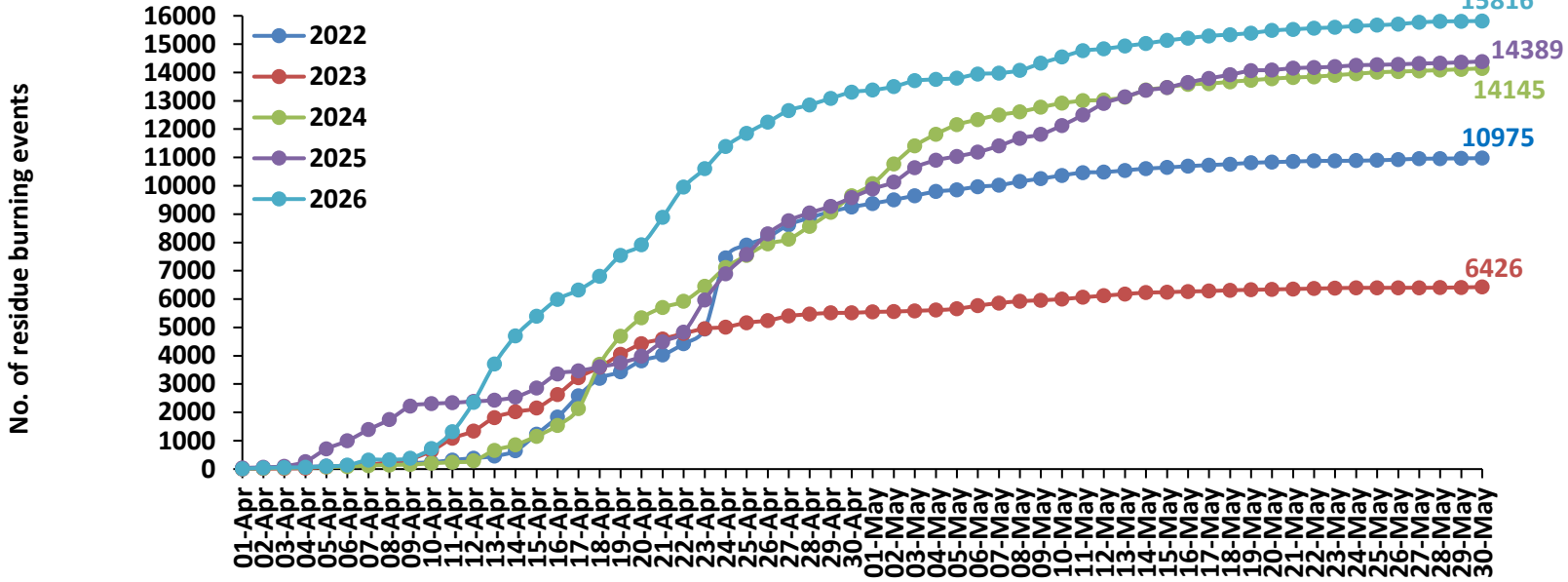
### Delhi



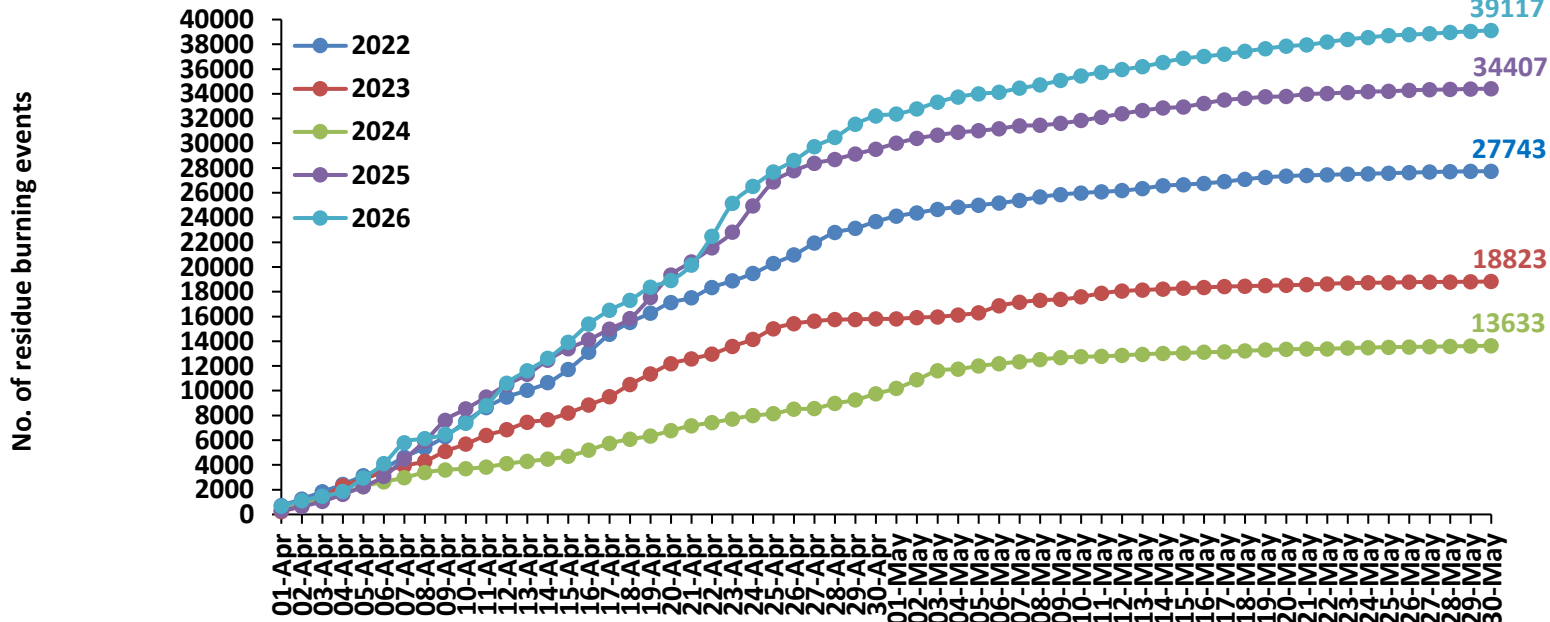
**Comparison of residue burning events in current year (2026) with previous year (2022,2023,2024 and 2025) for the study States**



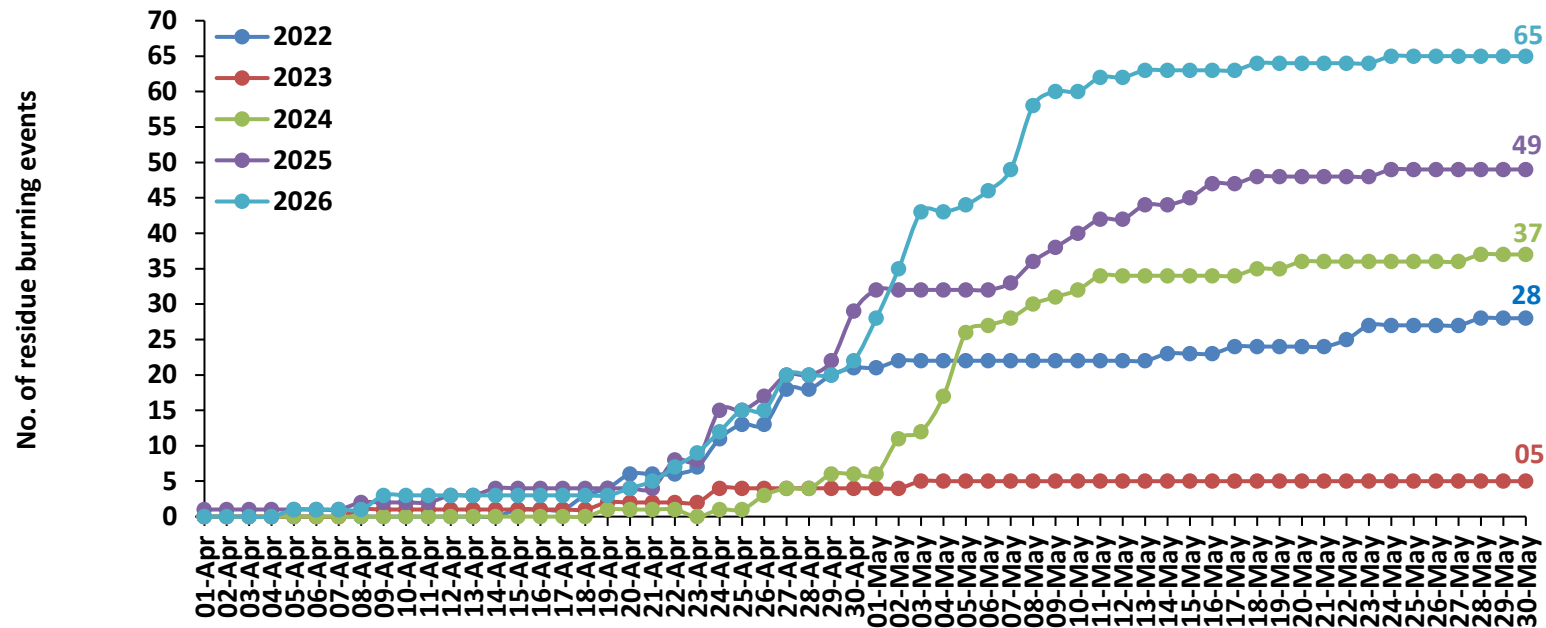
### Uttar Pradesh Cumulative



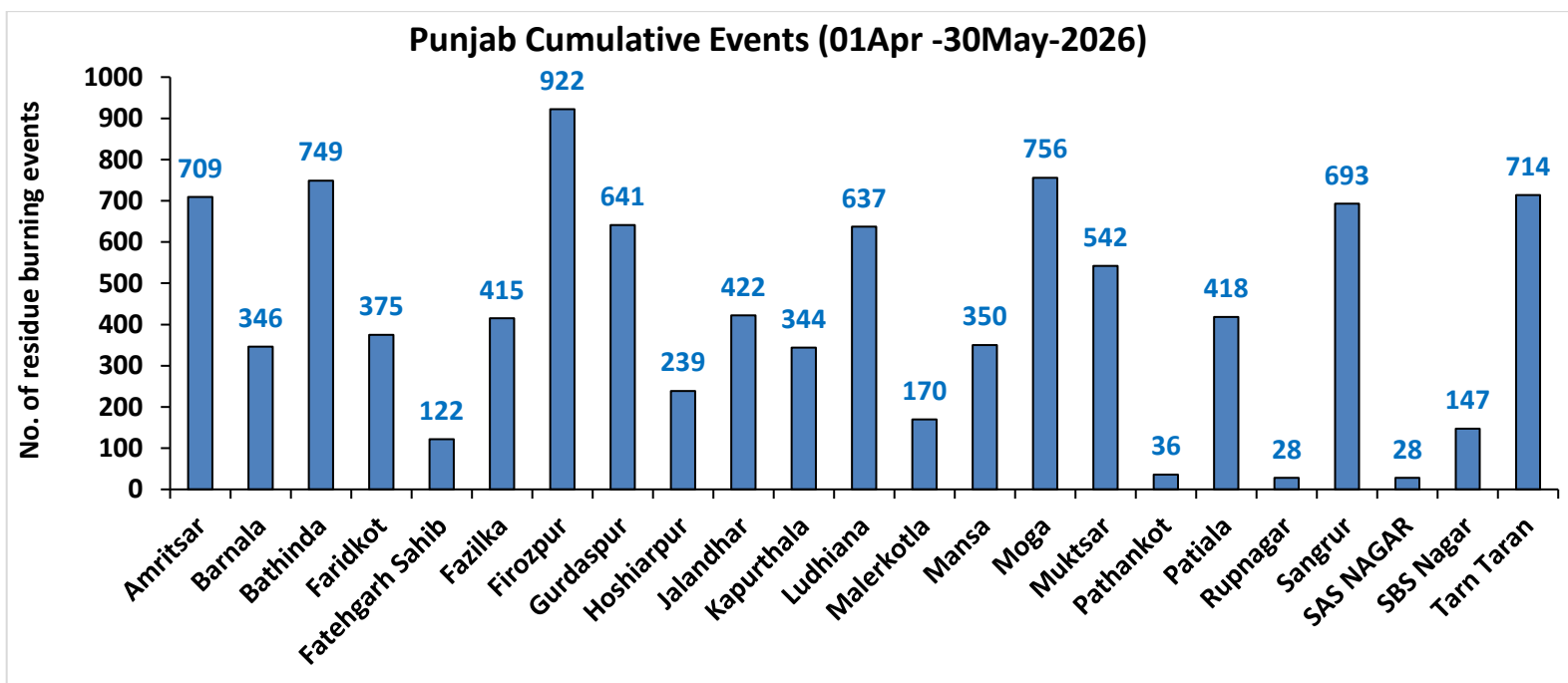
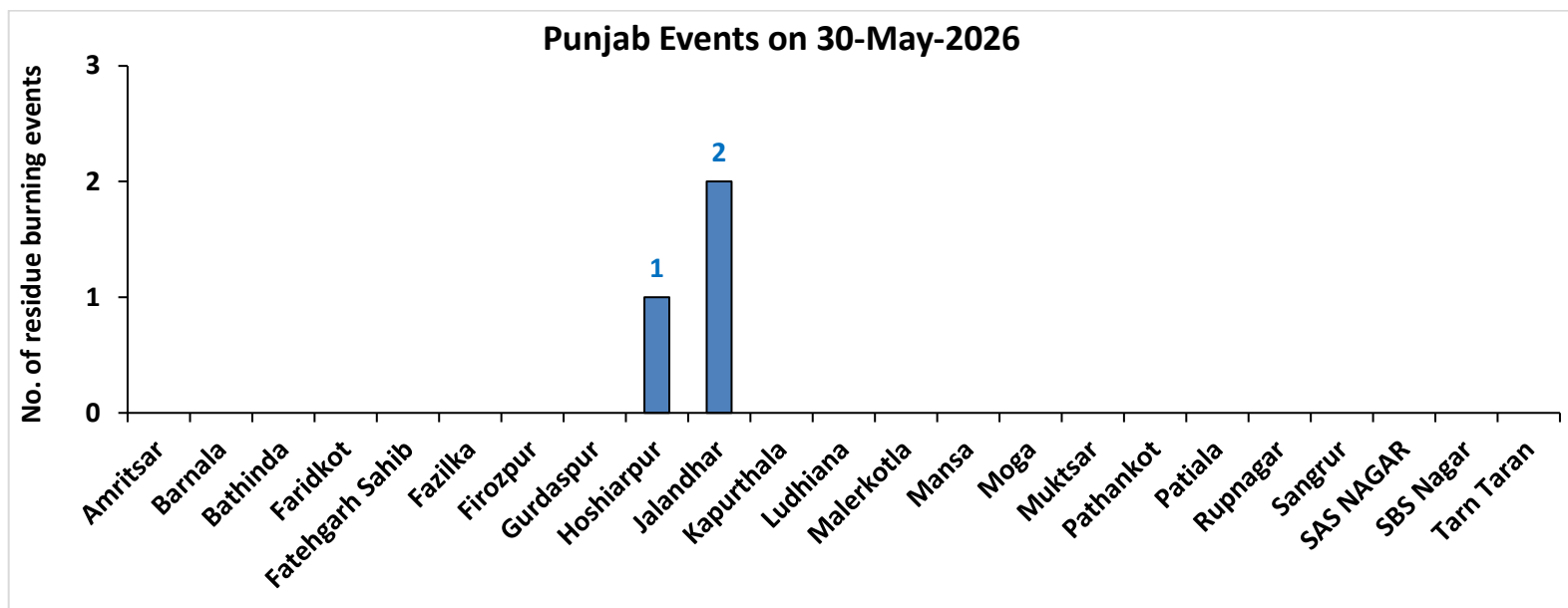
### Madhya Pradesh Cumulative



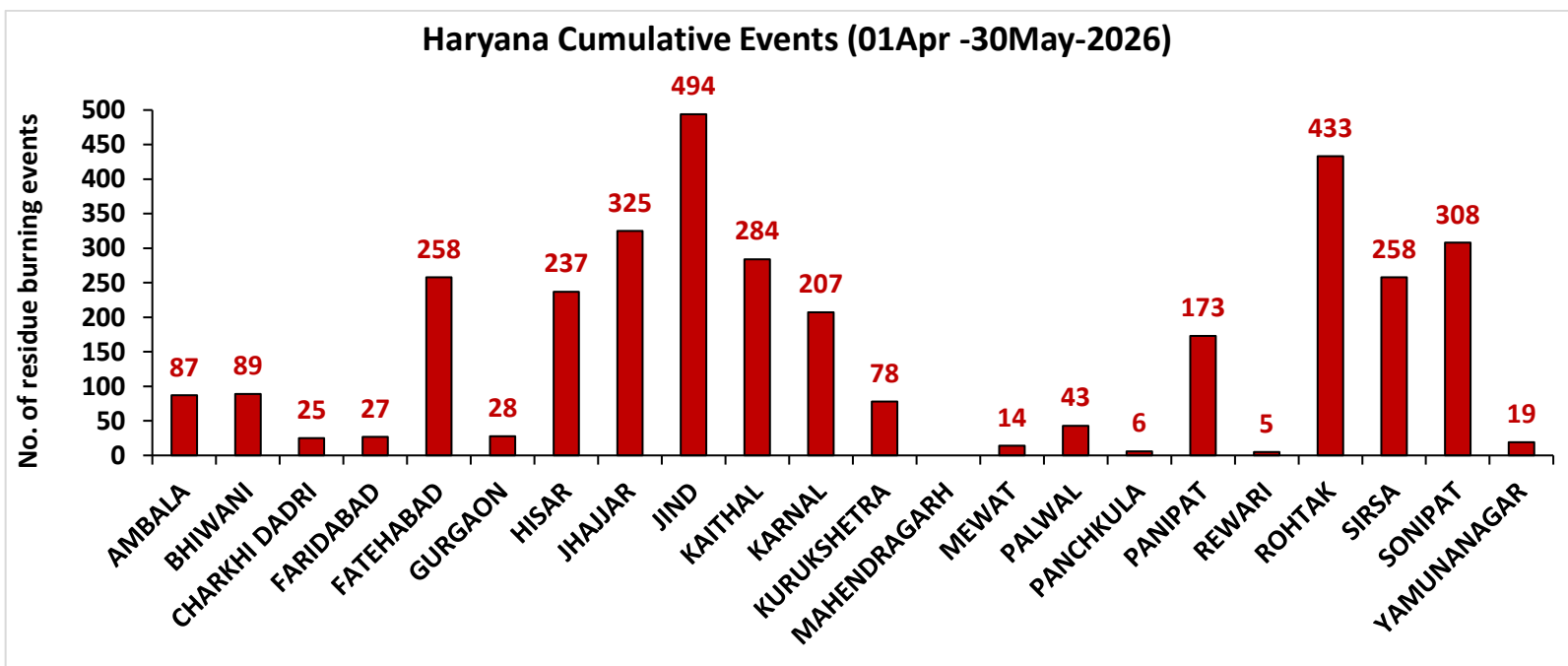
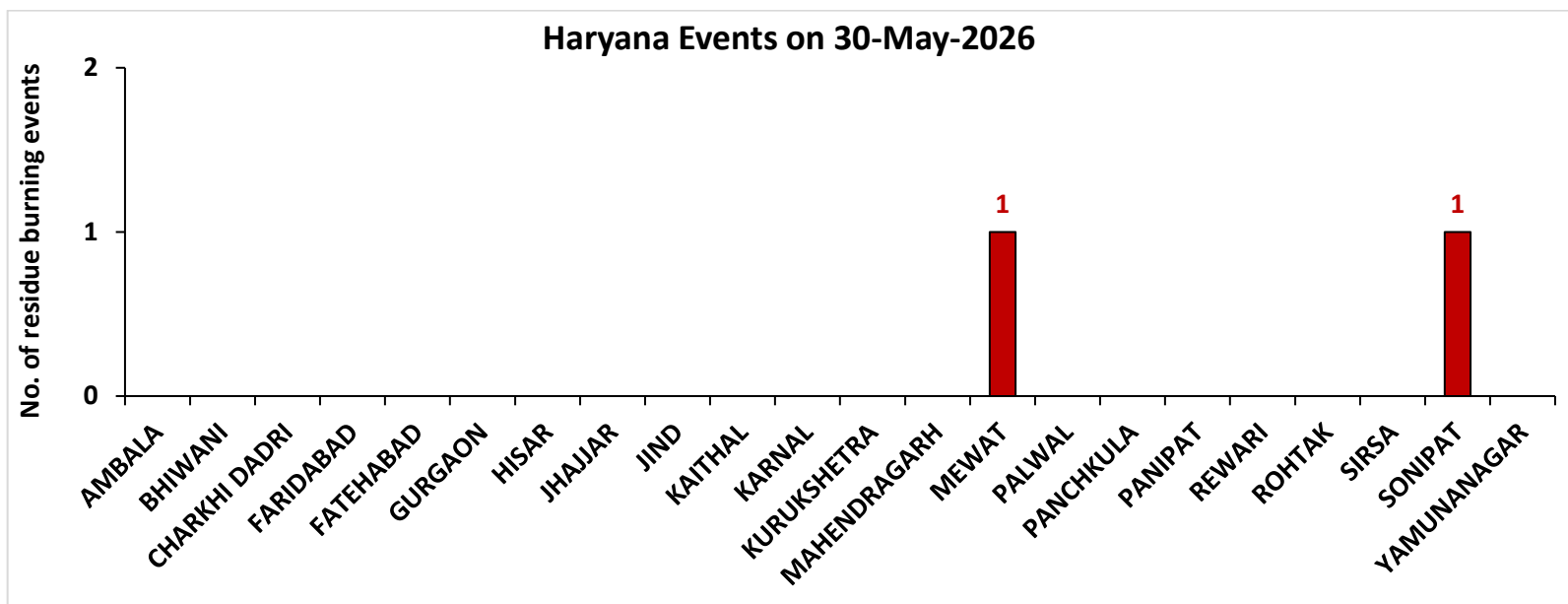
### Delhi Cumulative



## District-wise cumulative number of residues burning events in Punjab (01Apr-30May-2026)

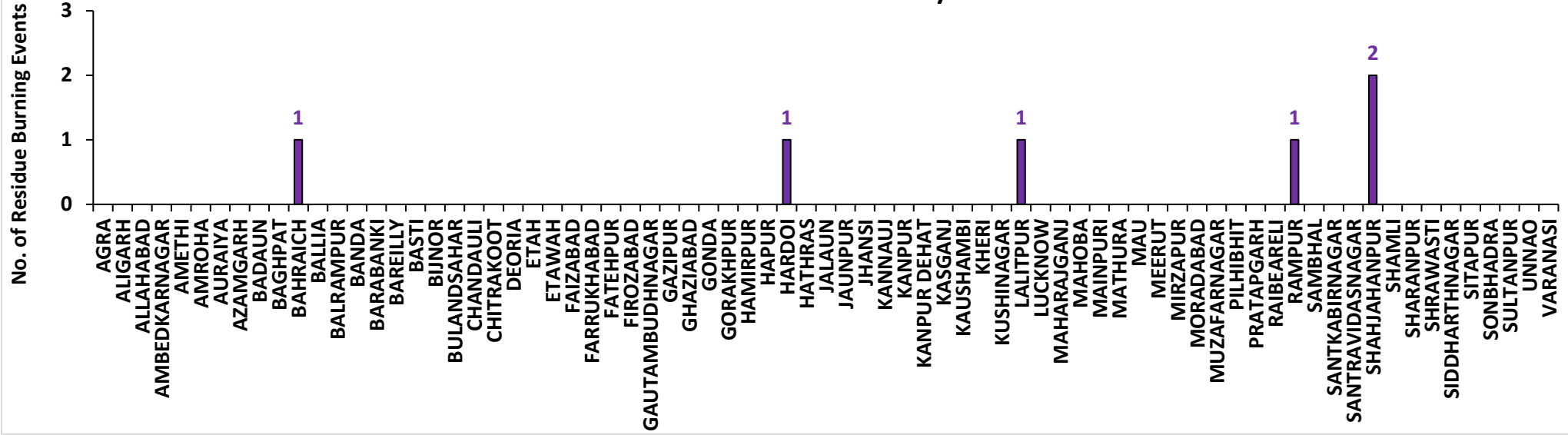


## District-wise cumulative number of residues burning events in Haryana (01Apr-30May-2026)

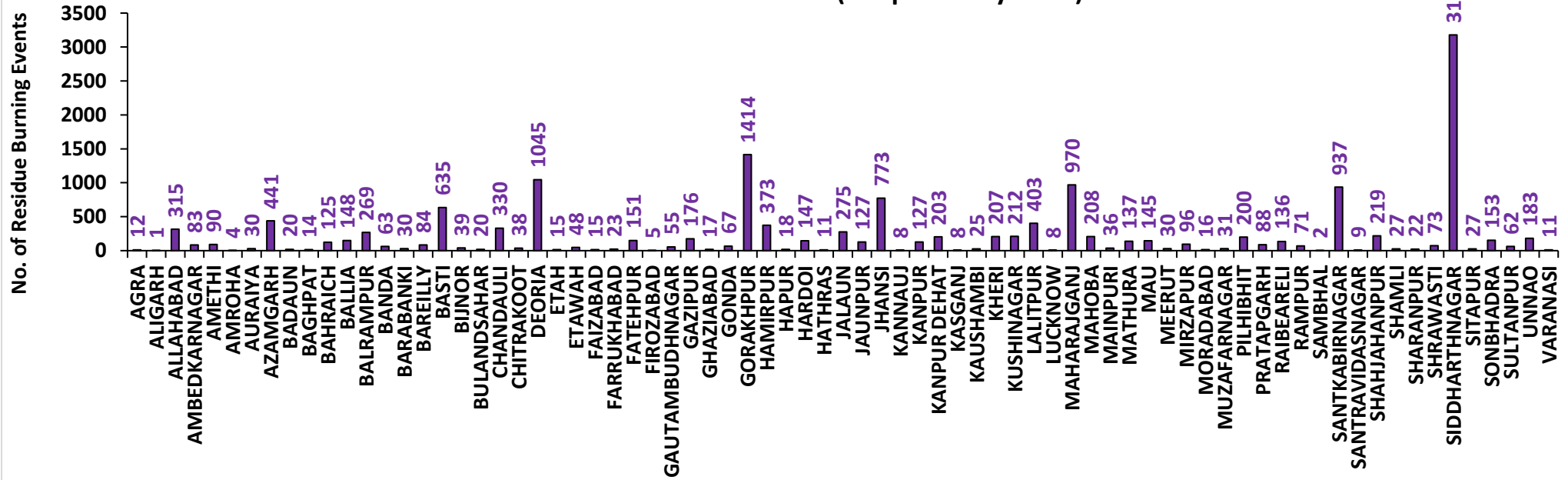


## District-wise cumulative number of residues burning events in Uttar Pradesh (01Apr-30May-2026)

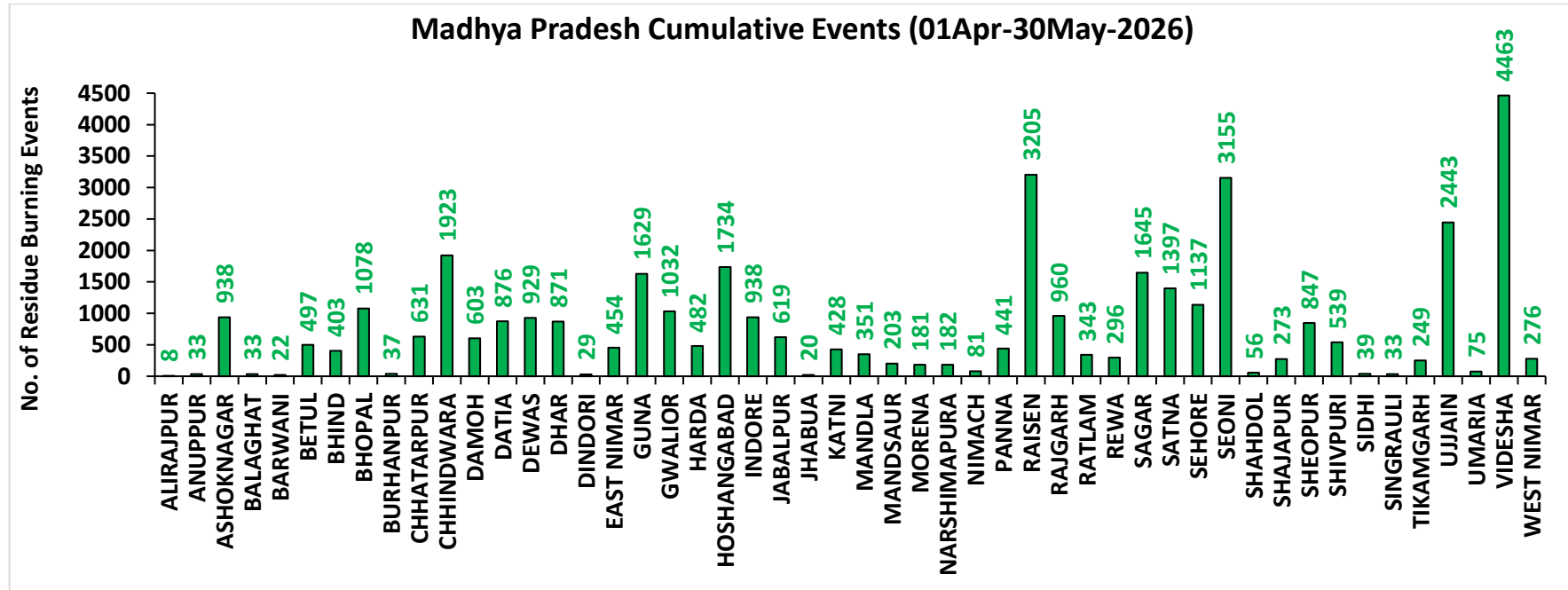
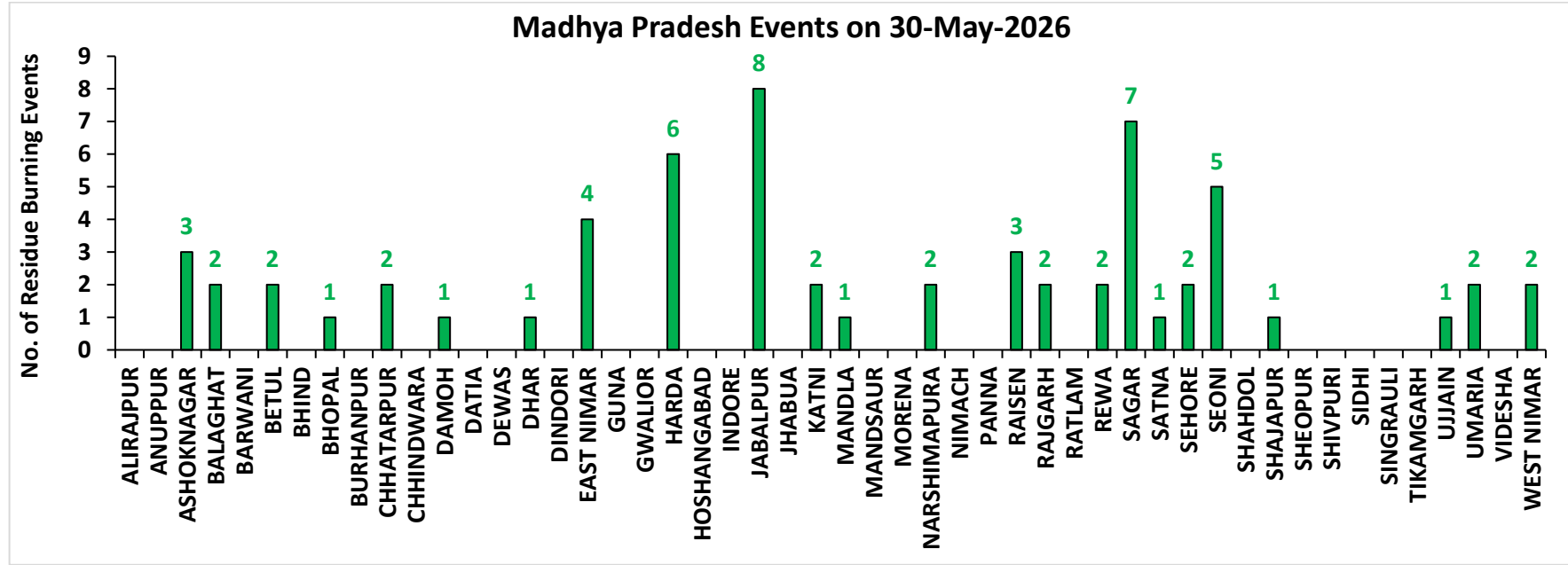
### Uttar Pradesh Events on 30-May-2026



### Uttar Pradesh Cumulative Events (01Apr-30May-2026)



## District-wise cumulative number of residues burning events in Madhya Pradesh (01Apr-30May-2026)



**District-wise cumulative number of wheat residue burning events detected in 2022, 2023,2024,2025 and 2026**  
**(Period: 01 April-30 May)**

**(a) Punjab**

District	01 Apr-30 May				
	2022	2023	2024	2025	2026
Amritsar	1245	871	1015	1102	709
Barnala	472	542	340	337	346
Bathinda	830	586	651	651	749
Faridkot	527	464	324	265	375
Fatehgarh Sahib	72	139	173	155	122
Fazilka	527	385	446	353	415
Firozpur	1429	899	919	743	922
Gurdaspur	1127	954	1335	856	641
Hoshiarpur	483	410	497	309	239
Jalandhar	835	622	475	438	422
Kapurthala	730	504	514	529	344
Ludhiana	950	889	841	640	637
Malerkotla	412	333	140	142	170
Mansa	1099	1010	311	260	350
Moga	729	587	788	863	756
Muksar	168	92	513	407	542
Pathankot	459	428	148	73	36
Patiala	75	41	539	458	418
Rupnagar	1012	817	69	42	28
Sangrur	27	11	589	654	693
SAS NAGAR (Mohali)	231	185	64	28	28
SBS Nagar	1072	586	216	188	147
Tarn Taran	0	0	980	700	714
<b>Total</b>	<b>14511</b>	<b>11355</b>	<b>11887</b>	<b>10193</b>	<b>9803</b>

**(b) Haryana**

District	01 Apr-30 May				
	2022	2023	2024	2025	2026
AMBALA	93	83	149	86	87
BHIWANI	76	24	95	36	89
CHARKHI DADRI	10	8	41	35	25
FARIDABAD	17	18	17	6	27
FATEHABAD	277	268	235	220	258
GURGAON	7	9	10	0	28
HISAR	151	113	135	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	172	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	216	308
YAMUNANAGAR	24	40	42	36	19
<b>Total</b>	<b>2887</b>	<b>1903</b>	<b>3155</b>	<b>1828</b>	<b>3398</b>

(c) Uttar Pradesh

District	01 Apr-30 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	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	315	GONDA	26	29	52	83	67	RAIBEARELI	107	17	113	152	136	
AMBEDKARNAGAR	11	13	37	67	83	GORAKHPUR	978	368	702	880	1414	RAMPUR	117	34	132	170	71	
AMETHI	0	0	0	0	90	HAMIRPUR	18	42	91	319	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	107	17	54	70	30	HARDOI	119	82	131	324	147	SANTRAVIDASNAGAR	1	3	5	2	9	
AZAMGARH	90	76	278	200	441	HATHRAS	0	1	0	7	11	SHAHJAHANPUR	348	106	241	492	219	
BADAUN	9	8	24	55	20	JALAUN	26	22	197	335	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	129	221	125	JHANSI	111	142	471	644	773	SHRAWASTI	86	43	156	138	73	
BALLIA	156	205	398	231	148	KANNAUJ	0	1	3	9	8	SIDDHARTHANAGAR	2541	1852	3268	2358	3180	
BALRAMPUR	246	97	302	219	269	KANPUR	14	4	45	81	127	SITAPUR	25	26	42	98	27	
BANDA	10	6	25	43	63	KANPUR DEHAT	32	28	58	121	203	SONBHADRA	130	43	33	41	153	
BARABANKI	10	3	35	59	30	KASGANJ	0	0	0	0	8	SULTANPUR	62	30	101	77	62	
BAREILLY	114	22	123	203	84	KAUSHAMBI	8	6	8	26	25	UNNAO	73	20	143	172	183	
BASTI	435	226	586	343	635	KHERI	167	79	178	327	207	VARANASI	2	0	2	3	11	
BIJNOR	55	28	22	83	39	KUSHINAGAR	226	95	359	251	212	<b>Total</b>	<b>10975</b>	<b>6426</b>	<b>14145</b>	<b>14389</b>	<b>15816</b>	
BULANSAHAR	8	11	7	22	20	LALITPUR	73	77	209	643	403							
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	60	173	208							
ETAH	2	7	12	55	15	MAINPURI	6	9	24	73	36							
ETAWAH	3	5	26	52	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	27	41	37	30							
FATEHPUR	56	35	96	96	151	MIRZAPUR	75	15	18	39	96							
FIROZABAD	2	0	2	1	5	MORADABAD	8	14	11	15	16							

**(d) Uttar Pradesh NCR**

District	01 Apr-30 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	41	37	30
MUZAFARNAGAR	55	33	47	80	31
SHAMLI	0	0	0	0	27
<b>Total</b>	<b>134</b>	<b>108</b>	<b>172</b>	<b>259</b>	<b>212</b>

**(e) Delhi**

District	01 Apr-30 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-30 May										
	2022	2023	2024	2025	2026	PANNA	184	76	191	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	938	RATLAM	200	292	78	336	343
BALAGHAT	32	4	4	13	33	REWA	203	79	172	196	296
BARWANI	9	9	4	8	22	SAGAR	781	587	428	1496	1645
BETUL	213	64	69	175	497	SATNA	1046	259	639	887	1397
BHIND	76	70	126	332	403	SEHORE	957	656	332	849	1137
BHOPAL	973	496	260	1120	1078	SEONI	1532	821	881	1524	3155
BURHANPUR	13	4	6	14	37	SHAHDOL	112	9	24	62	56
CHHATARPUR	178	180	358	688	631	SHAJAPUR	416	550	229	1066	273
CHHINDWARA	538	269	272	740	1923	SHEOPUR	379	452	511	1064	847
DAMOH	219	258	214	746	603	SHIVPURI	200	124	172	774	539
DATIA	397	288	571	775	876	SIDHI	32	5	9	22	39
DEWAS	587	571	105	847	929	SINGRAULI	130	3	11	65	33
DHAR	1013	888	185	1015	871	TIKAMGARH	45	88	117	282	249
DINDORI	45	5	9	49	29	UJJAIN	1251	1789	525	2211	2443
EAST NIMAR	88	108	36	227	454	UMARIA	64	16	27	59	75
GUNA	776	401	325	1929	1629	VIDESHA	3756	1751	1185	4463	4463
GWALIOR	624	398	676	726	1032	WEST NIMAR	42	81	40	190	276
HARDA	405	280	83	216	482	<b>Total</b>	<b>27743</b>	<b>18823</b>	<b>13633</b>	<b>34407</b>	<b>39117</b>
HOSHANGABAD	4067	2758	1586	1592	1734						
INDORE	971	1010	398	1336	938						
JABALPUR	901	490	498	407	619						
JHABUA	3	7	2	10	20						
KATNI	315	158	228	270	428						
MANDLA	182	52	110	188	351						
MANDSAUR	69	113	20	154	203						
MORENA	52	62	57	136	181						
NARSHIMAPURA	133	104	98	129	182						
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-30 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
<b>Total</b>	<b>14511</b>	<b>11355</b>	<b>11887</b>	<b>10193</b>	<b>9803</b>	<b>2887</b>	<b>1903</b>	<b>3155</b>	<b>1828</b>	<b>3398</b>	<b>10975</b>	<b>6426</b>	<b>14145</b>	<b>14389</b>	<b>15816</b>	<b>28</b>	<b>5</b>	<b>37</b>	<b>49</b>	<b>65</b>	<b>27743</b>	<b>18823</b>	<b>13633</b>	<b>34407</b>	<b>39117</b>

### Details of wheat residue burning events in Punjab on 30-May-2026

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m <sup>2</sup> )
1	HOSHIARPUR	HOSHIARPUR 2	S-NPP	31.45992	75.82874	03:11:50	N	0.70
2	JALANDHAR	ADAMPUR	S-NPP	31.37892	75.64127	03:11:50	N	0.70
3	JALANDHAR	ADAMPUR	S-NPP	31.37939	75.63706	01:32:16	N	1.00

### Details of wheat residue burning events in Haryana on 30-May-2026

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m <sup>2</sup> )
1	MEWAT	NUH	S-NPP	28.06509	77.07616	12:42:16	D	6.70
2	SONIPAT	SONIPAT	S-NPP	29.03395	77.01782	12:42:16	D	8.10

### Details of wheat residue burning events in Uttar Pradesh on 30-May-2026

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m <sup>2</sup> )
1	BAHRAICH	NANPARA	S-NPP	27.90743	81.63379	12:44:00	D	3.89
2	HARDOI	SIWAIJPUR	S-NPP	27.26121	79.70164	12:44:00	D	3.55
3	LALITPUR	LALITPUR	S-NPP	24.43908	78.28504	12:44:00	D	5.74
4	RAMPUR	TANDA	S-NPP	29.07325	78.96289	12:44:00	D	1.38
5	SHAHJAHANPUR	PUWANYA	S-NPP	28.25314	80.14428	14:26:00	D	4.82
6	SHAHJAHANPUR	TILHAR	S-NPP	27.95837	79.67302	12:44:00	D	1.87

## Details of wheat residue burning events in Madhya Pradesh on 30-May-2026

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m <sup>2</sup> )
1	ASHOKNAGAR	ASHOKNAGAR	S-NPP	24.61615	77.83631	12:44:00	D	2.53
2	ASHOKNAGAR	MUNGAOLI	S-NPP	24.29446	77.97534	12:44:00	D	3.05
3	ASHOKNAGAR	MUNGAOLI	S-NPP	24.29647	77.97749	12:44:00	D	4.64
4	BALAGHAT	KHAIRLANJI	S-NPP	21.59635	80.08083	12:44:00	D	3.60
5	BALAGHAT	LANJI	S-NPP	21.55101	80.46508	12:42:00	D	2.99
6	BETUL	BETUL	S-NPP	22.00954	77.74329	01:30:00	N	0.69
7	BETUL	MULTAI	TERRA	21.86828	78.31426	09:21:00	D	8.97
8	BHOPAL	BERASIYA	S-NPP	23.61710	77.30072	01:30:00	N	1.55
9	CHHATARPUR	RAJNAGAR	S-NPP	24.85242	79.89301	12:44:00	D	1.11
10	CHHATARPUR	RAJNAGAR	S-NPP	25.03955	79.96114	12:44:00	D	1.57
11	DAMOH	BATIAGARH	S-NPP	24.08281	79.45726	12:44:00	D	1.60
12	DHAR	KUKSHI	AQUA	22.34257	74.66684	15:54:00	D	9.65
13	EAST NIMAR	HARSUD	S-NPP	21.98954	76.82085	14:24:00	D	3.13
14	EAST NIMAR	HARSUD	S-NPP	22.03388	76.76831	14:24:00	D	3.31
15	EAST NIMAR	HARSUD	TERRA	22.04475	76.74139	09:21:00	D	7.44
16	EAST NIMAR	KHANDWA	S-NPP	21.85174	76.53926	14:24:00	D	6.23
17	HARDA	HARDA	S-NPP	22.32633	77.03757	14:24:00	D	4.93
18	HARDA	KHIRKIYAN	S-NPP	22.13272	76.88779	14:24:00	D	5.37
19	HARDA	KHIRKIYAN	S-NPP	22.23687	76.96726	01:30:00	N	1.67
20	HARDA	KHIRKIYAN	S-NPP	22.23701	76.96500	01:30:00	N	1.57
21	HARDA	KHIRKIYAN	TERRA	22.07851	76.96816	09:21:00	D	8.63
22	HARDA	TIMURNI	S-NPP	22.11943	77.33557	14:24:00	D	5.96
23	JABALPUR	JABALPUR	S-NPP	22.86275	79.90836	12:44:00	D	6.61
24	JABALPUR	JABALPUR	S-NPP	22.86523	79.85410	01:30:00	N	0.78
25	JABALPUR	JABALPUR	S-NPP	22.87380	79.81948	01:30:00	N	3.47
26	JABALPUR	JABALPUR	S-NPP	22.94499	79.81741	12:44:00	D	6.19
27	JABALPUR	JABALPUR	S-NPP	22.98959	79.93037	12:44:00	D	2.45
28	JABALPUR	JABALPUR	TERRA	23.10466	80.09454	09:21:00	D	6.42
29	JABALPUR	SAHPURA	S-NPP	23.07081	79.74109	12:44:00	D	2.79
30	JABALPUR	SAHPURA	S-NPP	23.07260	79.73958	12:44:00	D	1.87

31	KATNI	MURBARA	S-NPP	23.88580	80.46675	14:24:00	D	2.99
32	KATNI	RITHI	S-NPP	23.85252	80.22559	12:44:00	D	4.14
33	MANDLA	NIWAS	S-NPP	22.89619	80.37119	12:44:00	D	22.53
34	NARSHIMAPURA	GOTECAON	TERRA	23.11071	79.51848	09:21:00	D	34.52
35	NARSHIMAPURA	GOTECAON	TERRA	23.11225	79.50843	09:21:00	D	9.26
36	RAISEN	BAGAMGANJ	TERRA	23.57046	78.29115	09:21:00	D	8.16
37	RAISEN	GAIRATGANJ	S-NPP	23.37469	78.17377	01:30:00	N	2.91
38	RAISEN	GAIRATGANJ	S-NPP	23.40014	78.35495	01:30:00	N	0.58
39	RAJGARH	KHILCHIPUR	TERRA	24.17836	76.49579	09:21:00	D	5.49
40	RAJGARH	SARANGPUR	S-NPP	23.80045	76.48164	14:24:00	D	5.86
41	REWA	HUZUR	S-NPP	24.61794	81.22645	12:44:00	D	5.20
42	REWA	HUZUR	S-NPP	24.62232	81.22157	12:44:00	D	6.76
43	SAGAR	BANDA	S-NPP	24.11802	79.05006	12:44:00	D	3.67
44	SAGAR	KESALI	S-NPP	23.33907	78.90858	12:44:00	D	5.38
45	SAGAR	KESALI	TERRA	23.35608	78.87661	09:21:00	D	8.71
46	SAGAR	SAGAR	S-NPP	23.61794	78.81711	12:44:00	D	4.24
47	SAGAR	SAGAR	S-NPP	23.61950	78.81763	12:44:00	D	4.93
48	SAGAR	SAGAR	S-NPP	23.91359	78.55264	12:44:00	D	2.90
49	SAGAR	SAGAR	TERRA	23.79801	78.87808	09:21:00	D	6.66
50	SATNA	UCHAHAR	S-NPP	24.46526	80.83780	12:44:00	D	1.37
51	SEHORE	BUDHNI	S-NPP	22.84927	77.76143	14:24:00	D	2.83
52	SEHORE	BUDHNI	TERRA	22.77909	77.42975	09:21:00	D	11.57
53	SEONI	GHANSAUR	S-NPP	22.74511	80.21210	01:30:00	N	0.65
54	SEONI	GHANSAUR	S-NPP	22.74738	80.21030	01:30:00	N	3.68
55	SEONI	KEWLARI	TERRA	22.53084	80.03019	09:21:00	D	10.22
56	SEONI	SEONI	S-NPP	22.10200	79.51043	01:30:00	N	1.10
57	SEONI	SEONI	S-NPP	22.21869	79.78564	12:44:00	D	5.09
58	SHAJAPUR	BAROUD	TERRA	23.88226	75.71851	09:21:00	D	6.72
59	UJJAIN	NAGDA	TERRA	23.56684	75.37819	09:21:00	D	5.42
60	UMARIA	MANPUR	S-NPP	24.00016	80.94781	12:44:00	D	2.20
61	UMARIA	MANPUR	S-NPP	24.00220	80.94653	12:44:00	D	2.19
62	WEST NIMAR	BARWAH	S-NPP	22.02263	76.00982	14:24:00	D	3.83
63	WEST NIMAR	BARWAH	S-NPP	22.07570	76.02498	14:24:00	D	4.01

**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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