



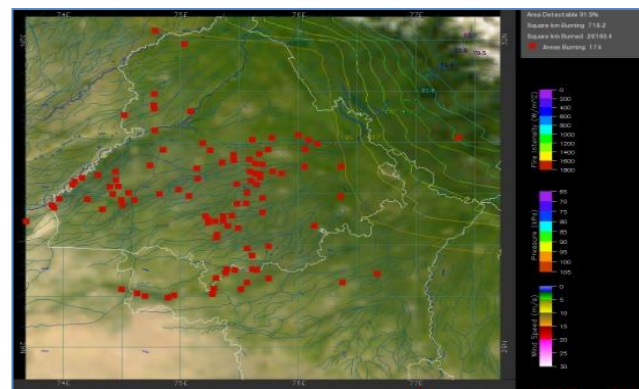
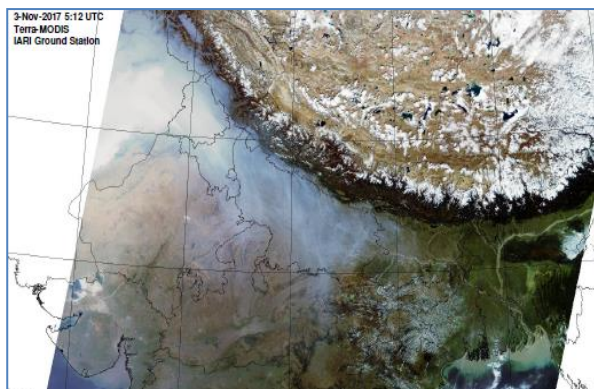
**Bulletin  
No. 57**

**Events Date:  
27-May-2026**

**Issued on:  
27-May-2026**



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



**Prepared by:**

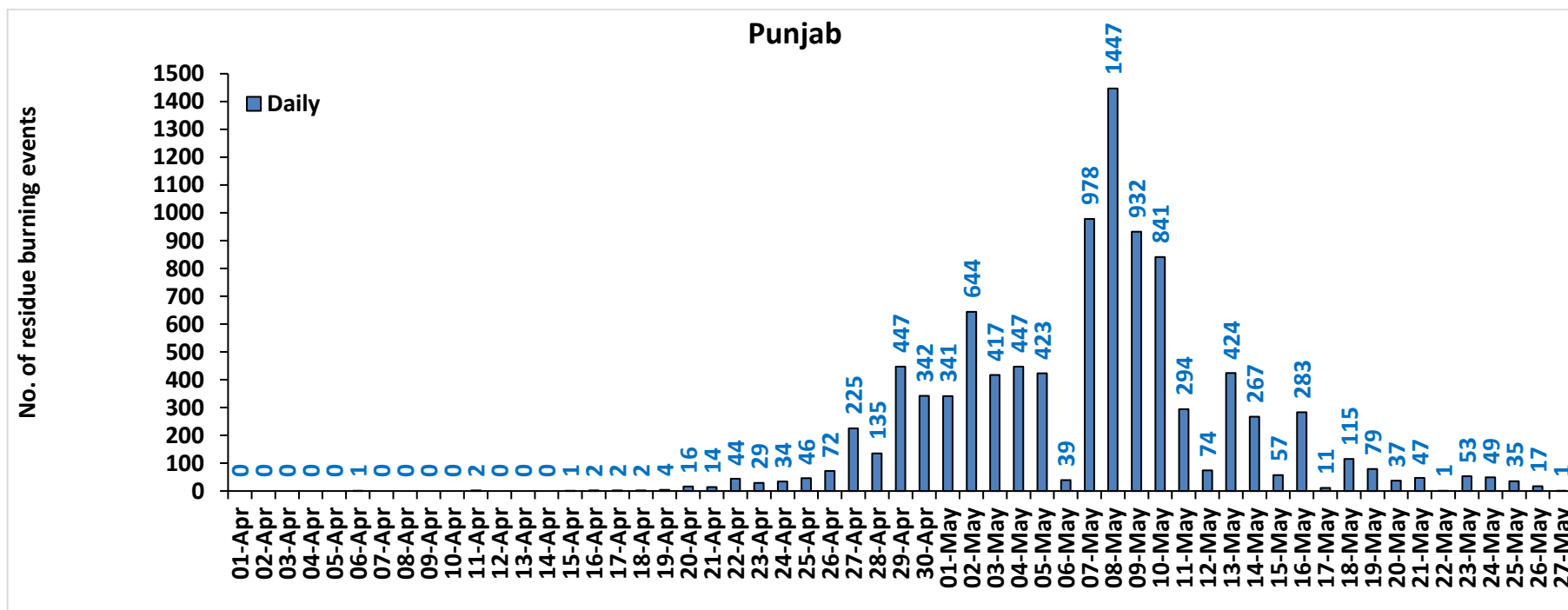
**Consortium for Research on Agroecosystem Monitoring and Modeling from Space (CREAMS) Laboratory,  
Division of Agricultural Physics, ICAR – Indian Agricultural Research Institute, New Delhi – 110012**

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

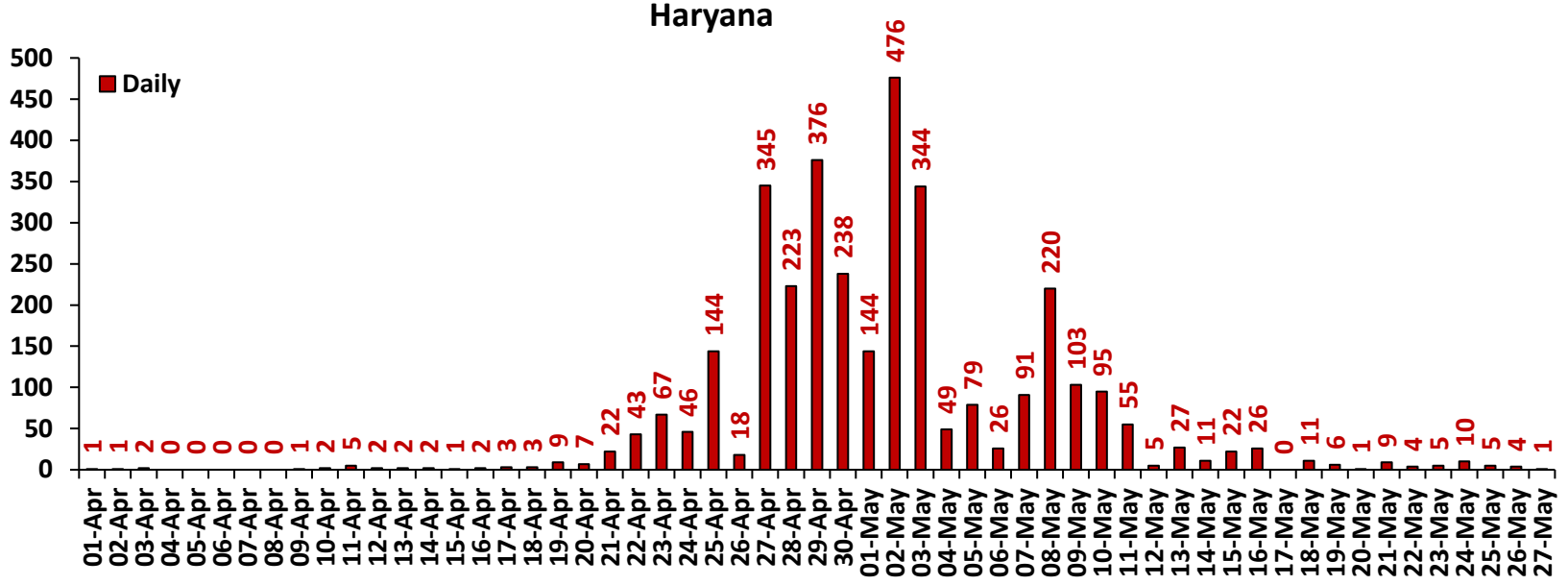
## Highlights for 27-May-2026

- 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 **139** residue burning events in the five study States on **27-May-2026**.
- The state wise events detected on **27-May-2026** were **01** in Punjab, **01** in Haryana, **00** in Delhi, **61** in Uttar Pradesh and **76** in Madhya Pradesh.
- Total **67857** burning events were detected in the five states between **01-Apr-2026** and **27-May-2026**, which are distributed as **9771, 3394, 15768, 65** and **38859** 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 and Madhya Pradesh states.

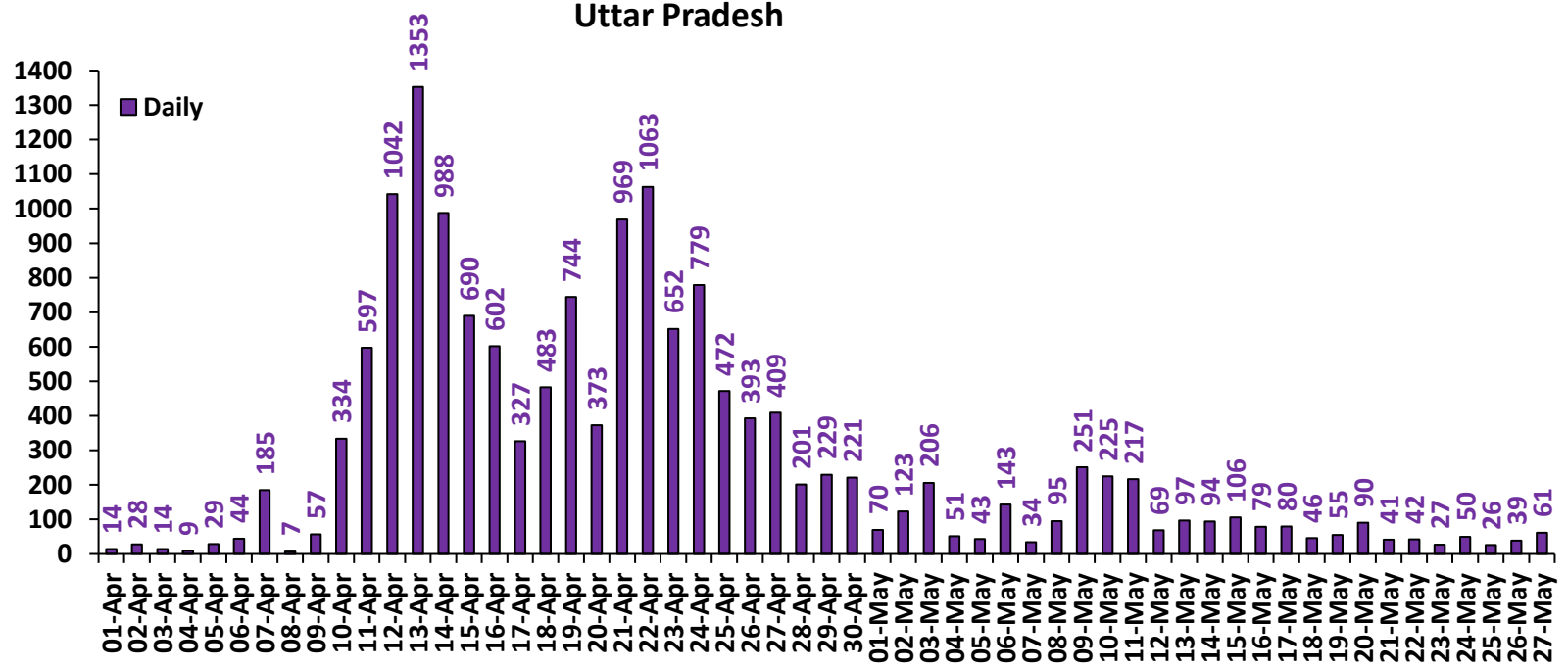
### Temporal distribution of wheat residue burning events for the study States in 2026



No. of residue burning events

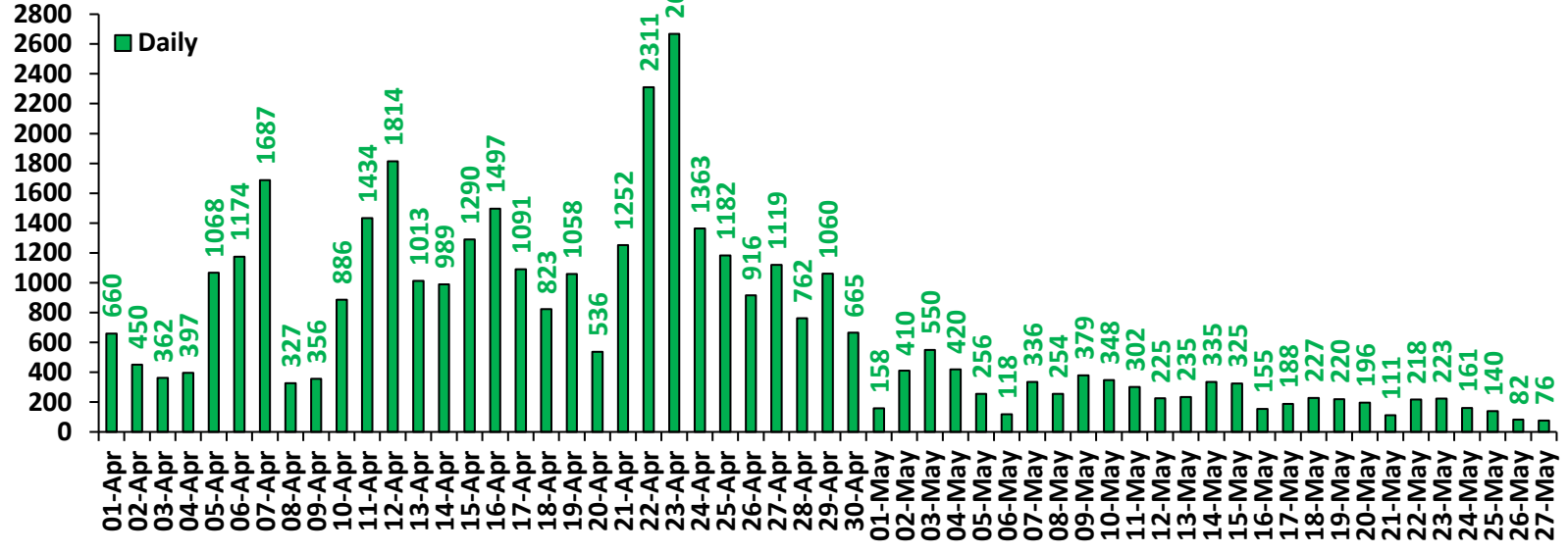


No. of residue burning events



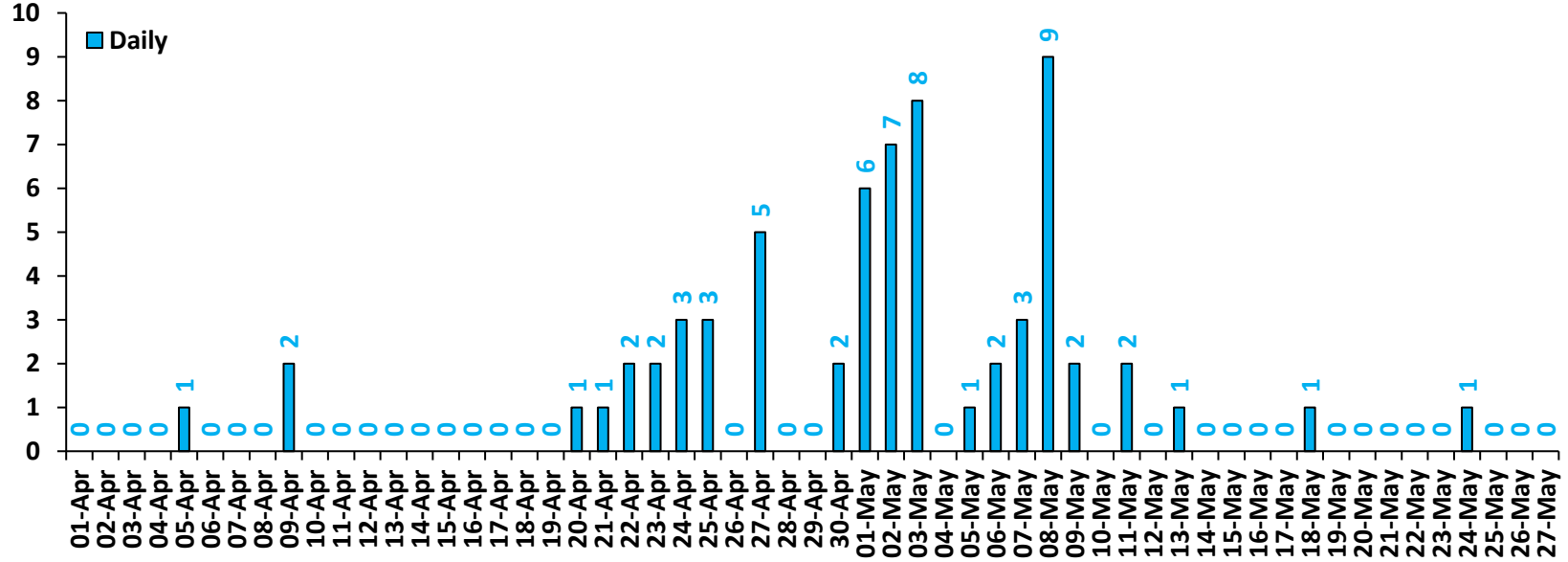
### Madhya Pradesh

No. of residue burning events

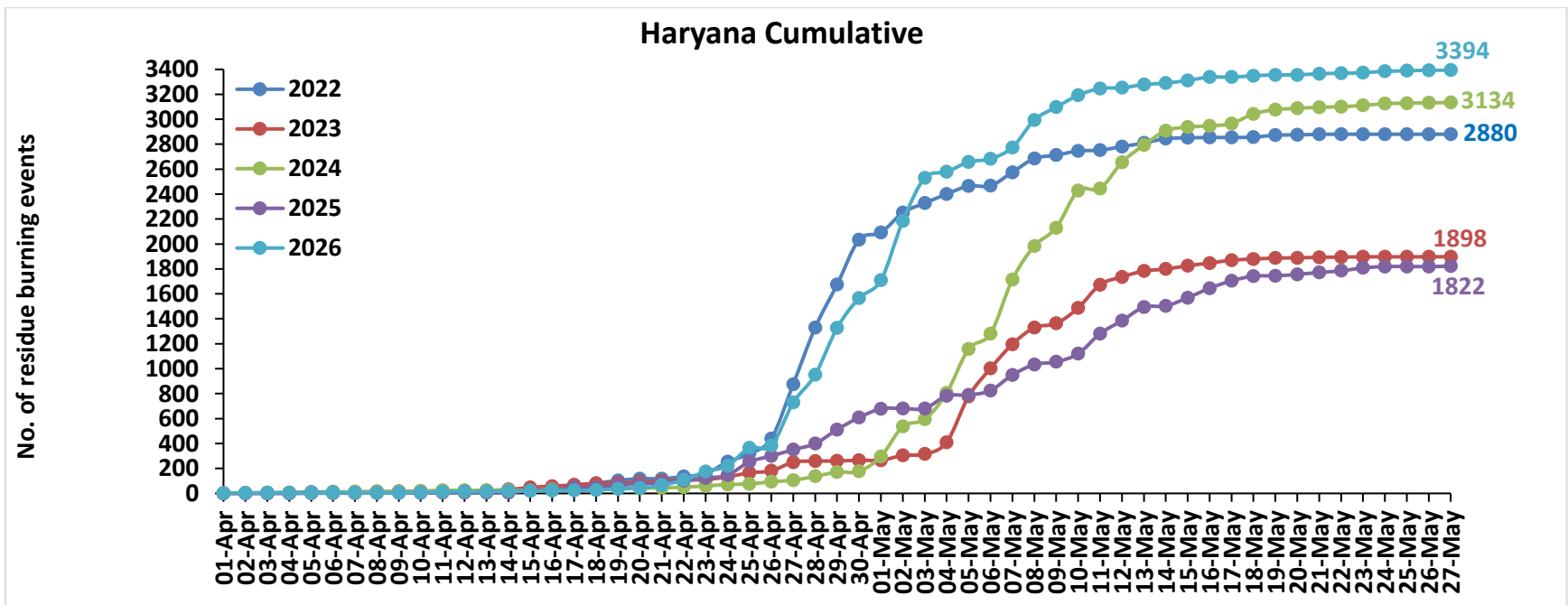
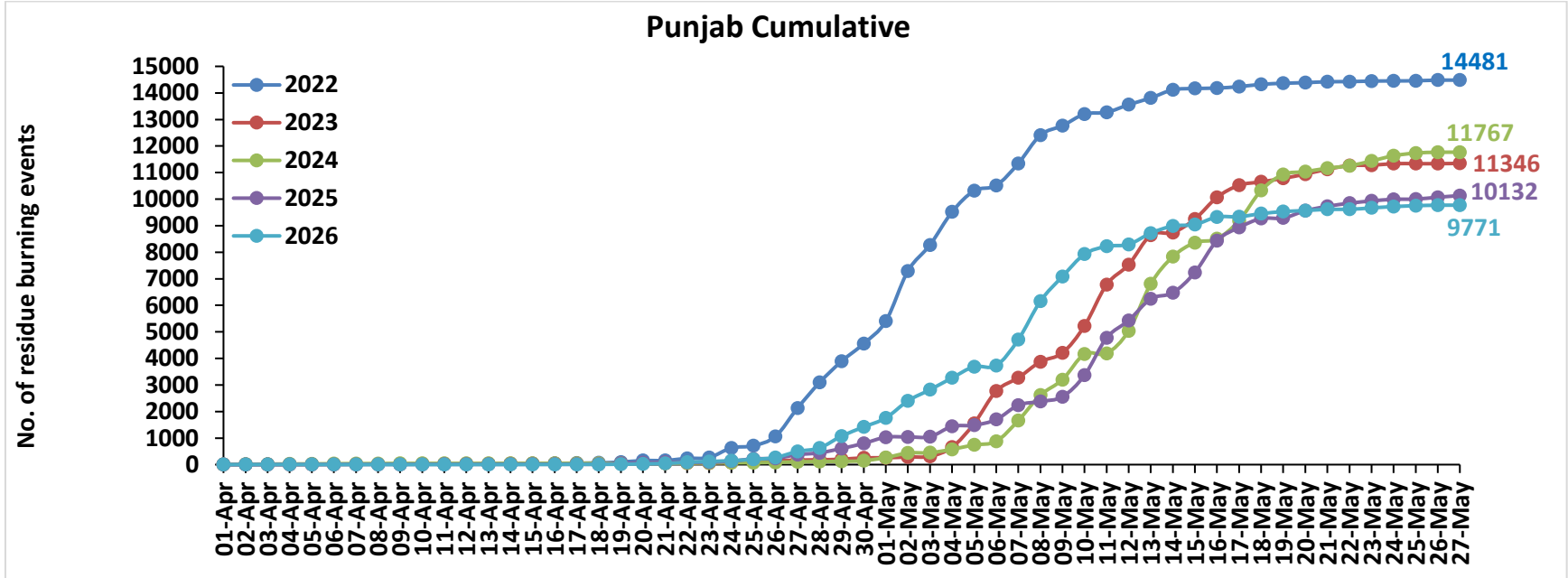


### Delhi

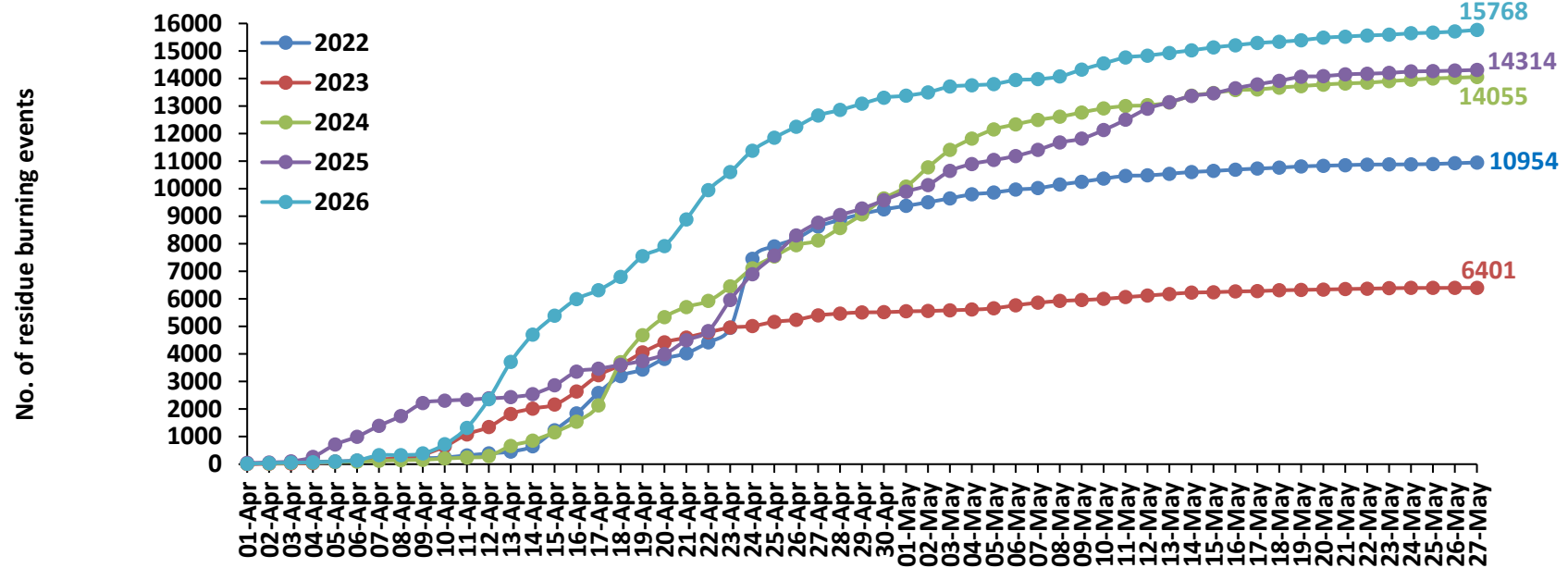
No. of residue burning events



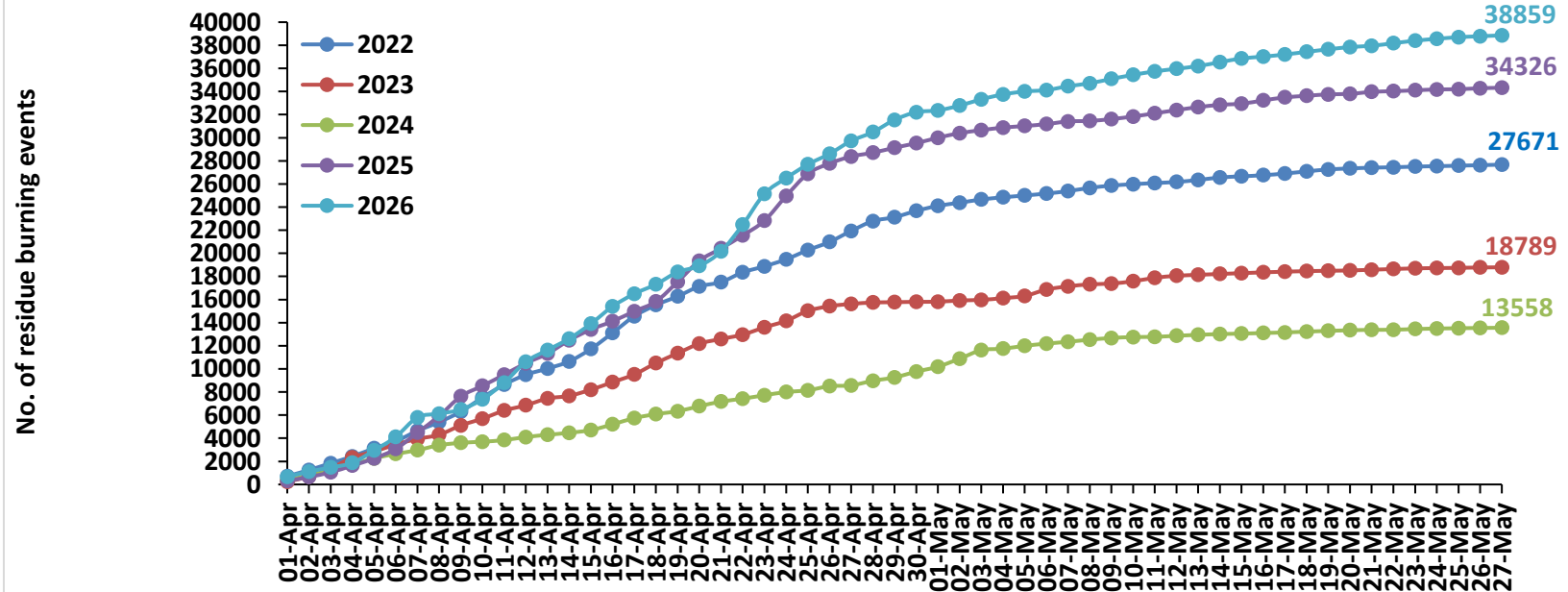
**Comparison of residue burning events in current year (2026) with previous year (2022,2023,2024 and 2025) for the study States**



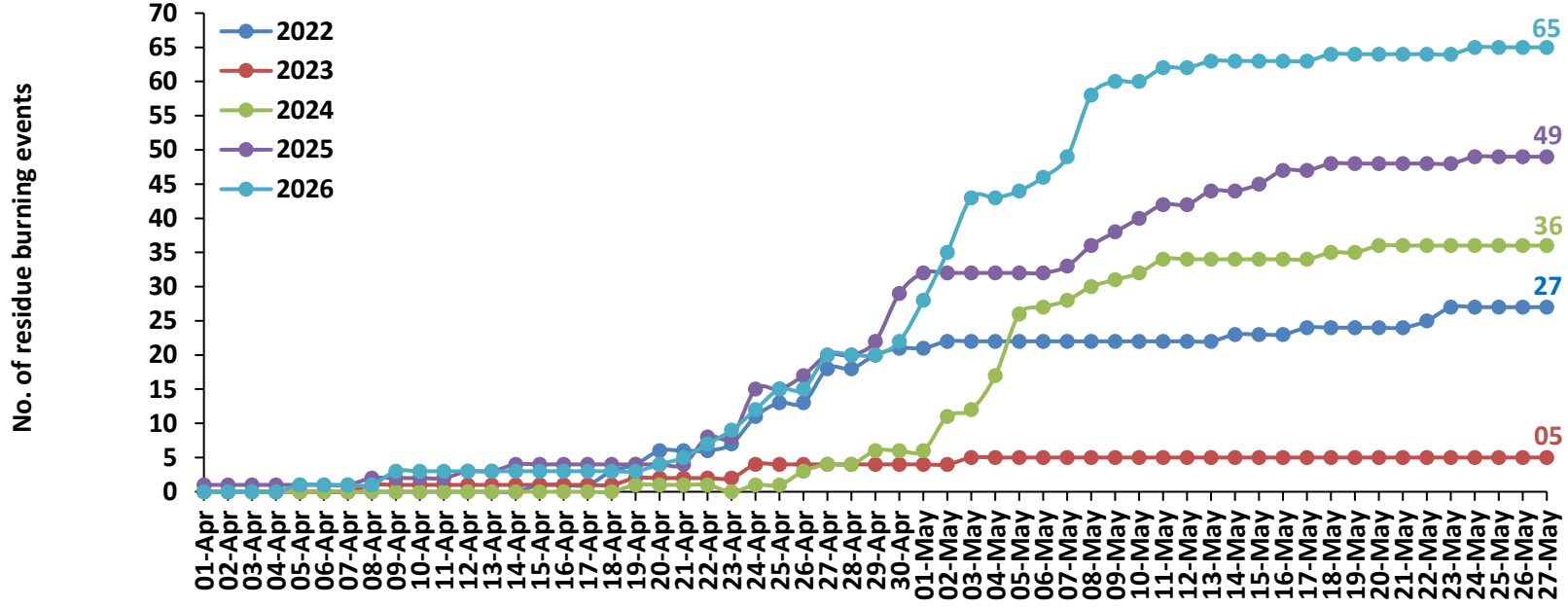
### Uttar Pradesh Cumulative



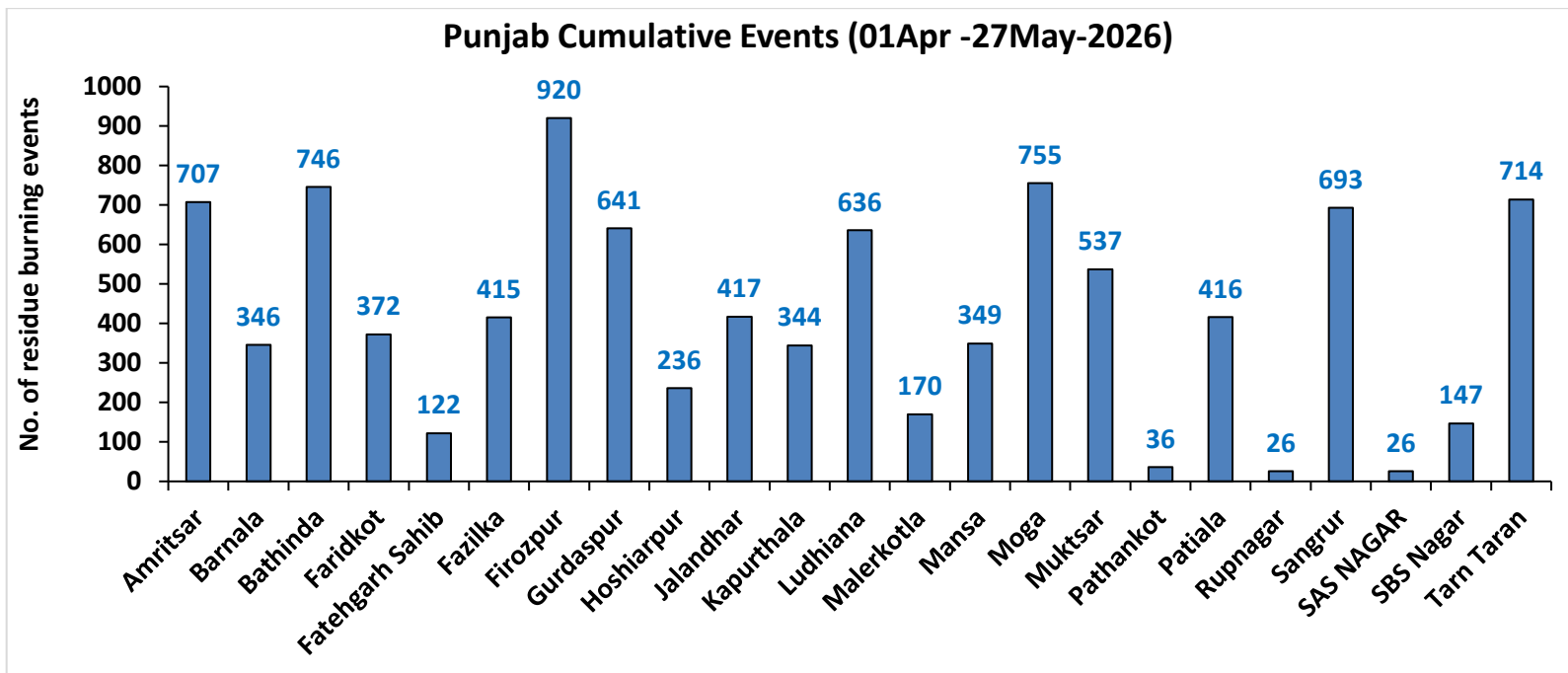
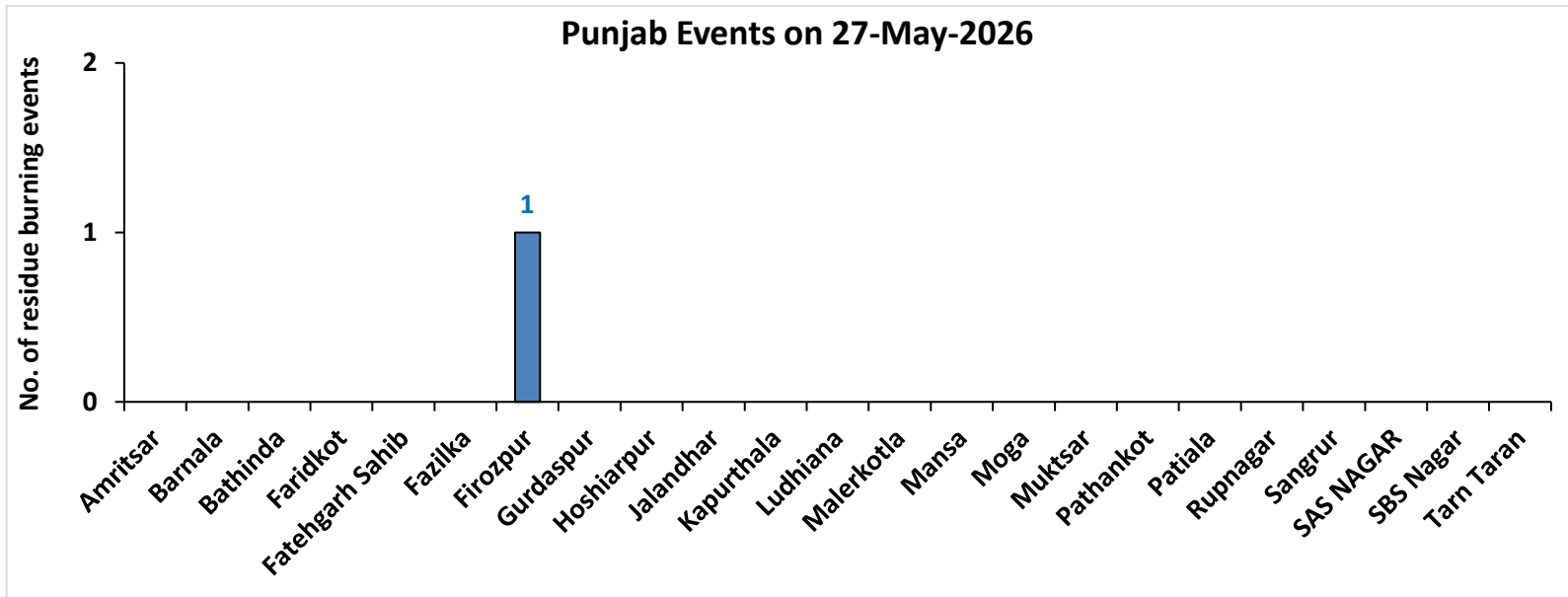
### Madhya Pradesh Cumulative



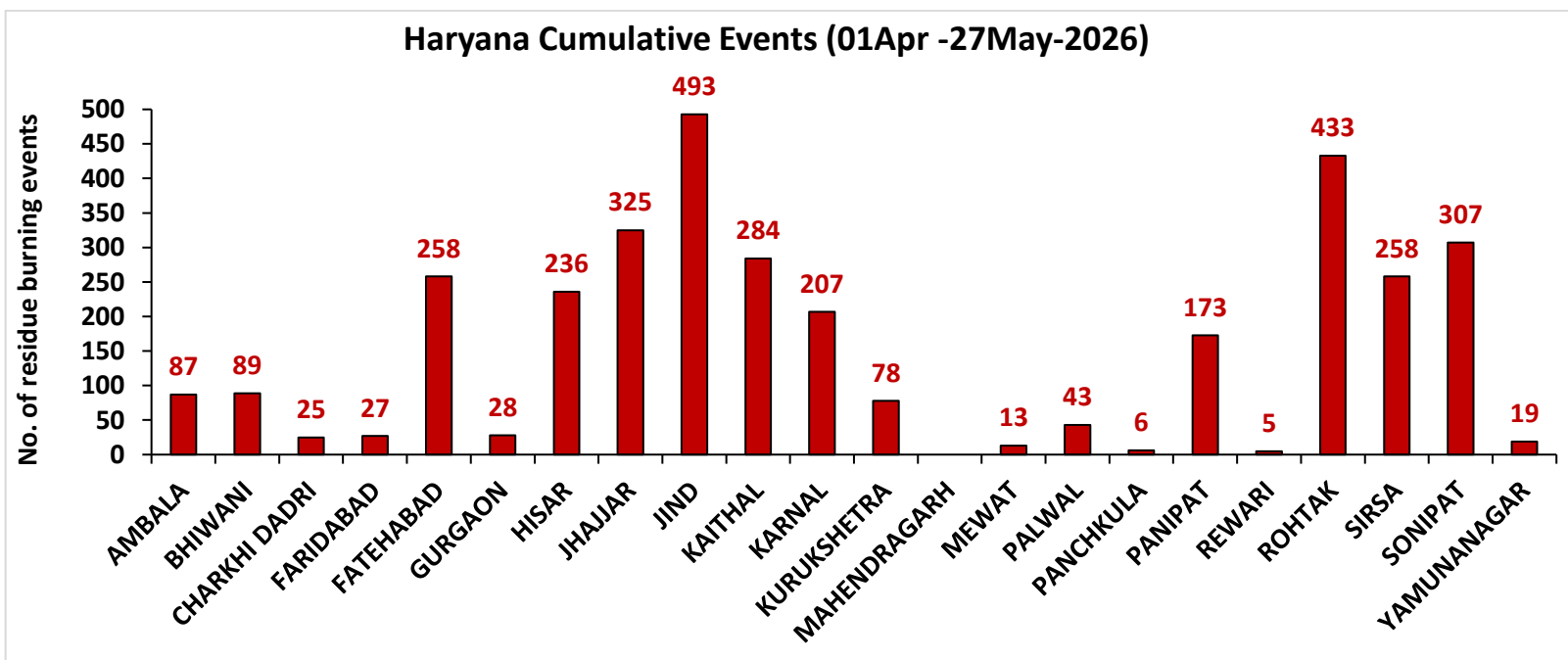
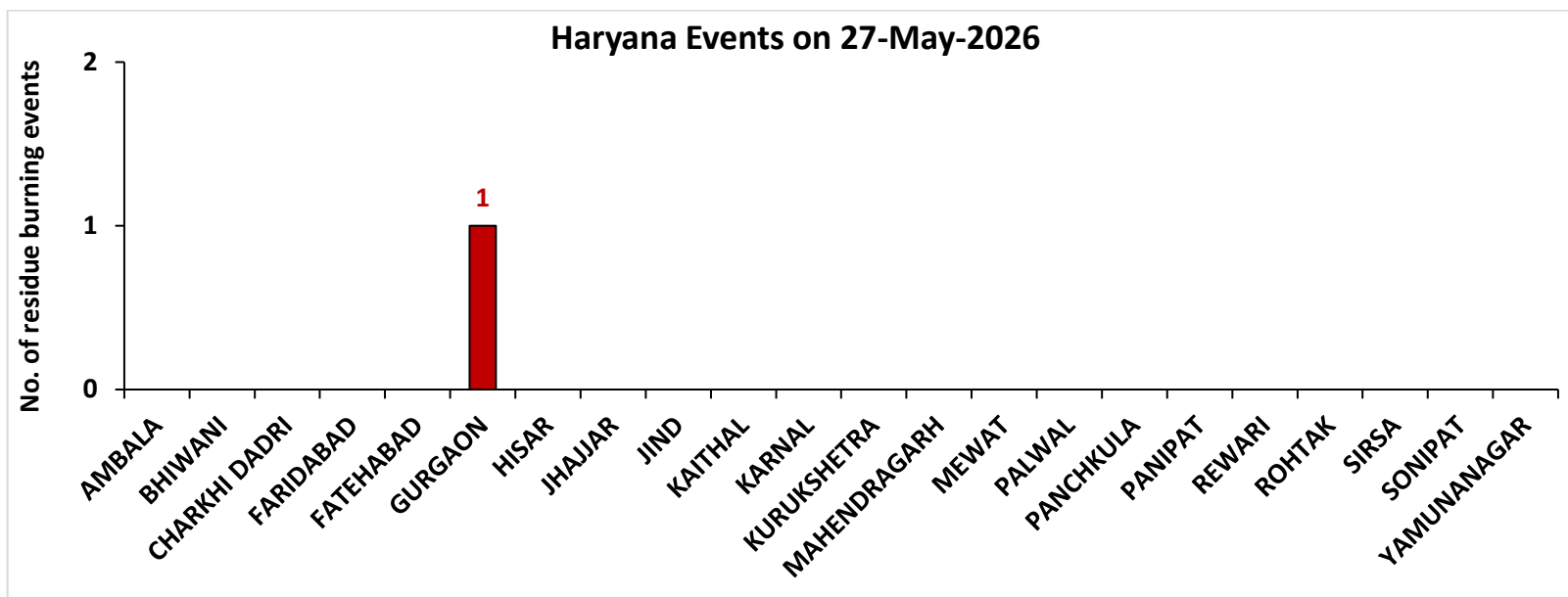
### Delhi Cumulative



## District-wise cumulative number of residues burning events in Punjab (01Apr-27May-2026)

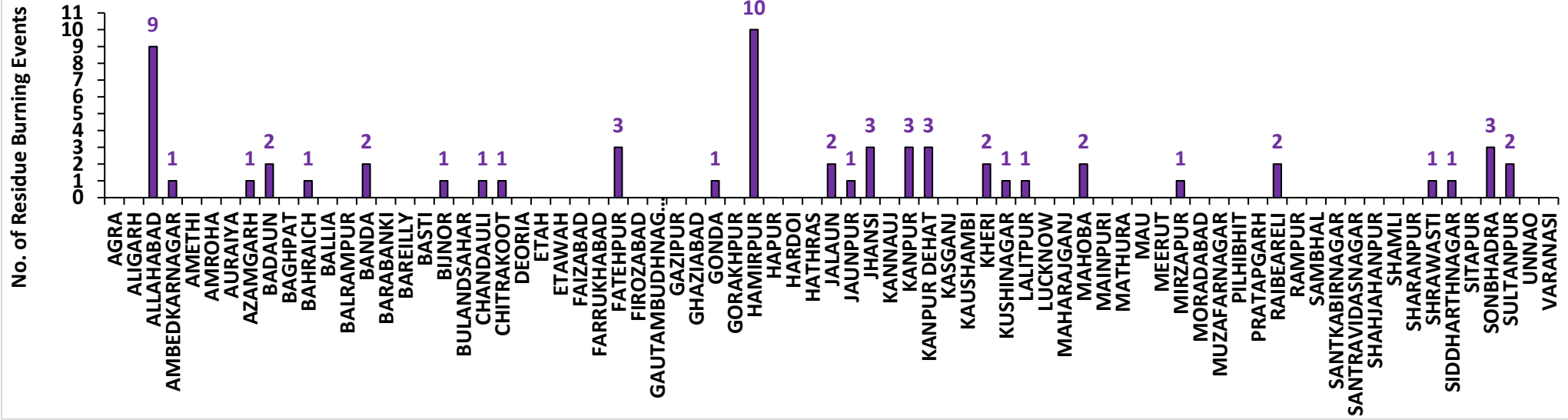


## District-wise cumulative number of residues burning events in Haryana (01Apr-27May-2026)

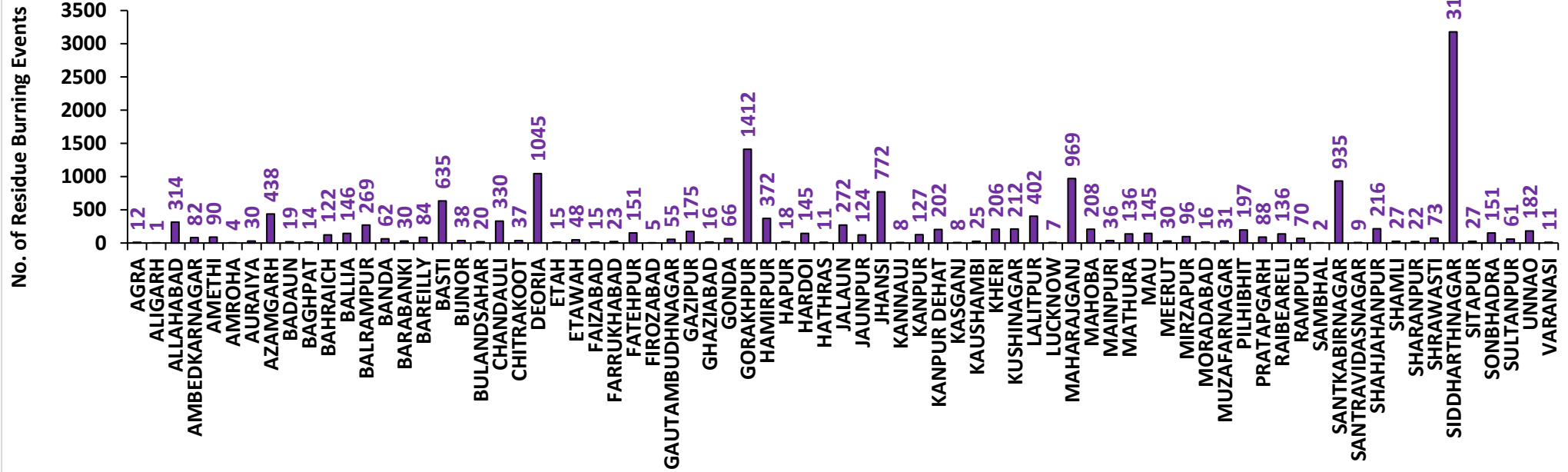


## District-wise cumulative number of residues burning events in Uttar Pradesh (01Apr-27May-2026)

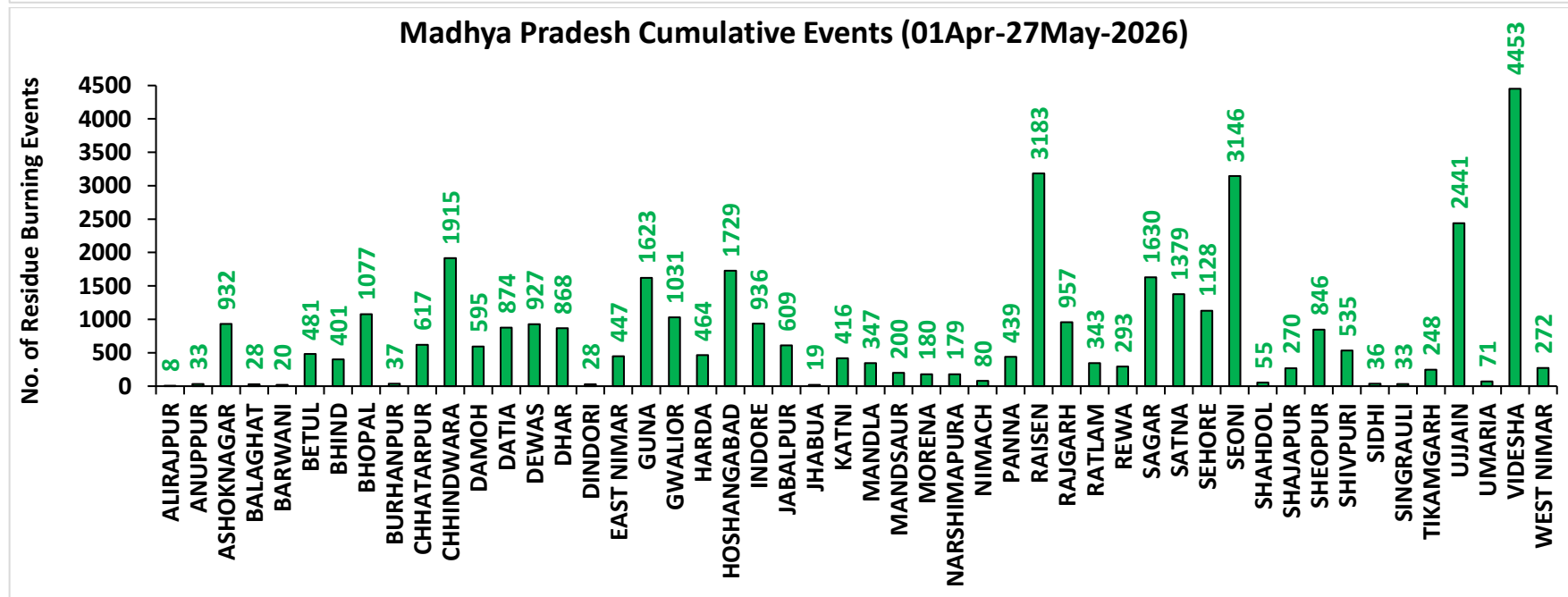
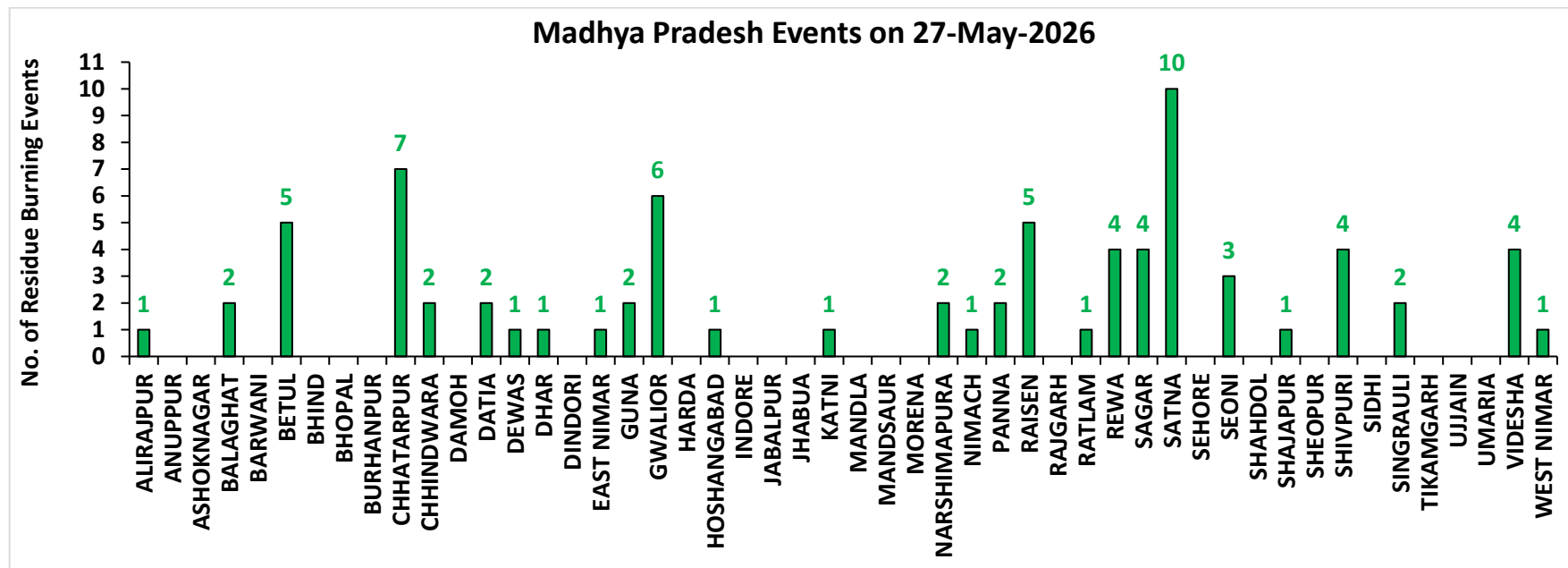
### Uttar Pradesh Events on 27-May-2026



### Uttar Pradesh Cumulative Events (01Apr-27May-2026)



## District-wise cumulative number of residues burning events in Madhya Pradesh (01Apr-27May-2026)



**District-wise cumulative number of wheat residue burning events detected in 2022, 2023,2024,2025 and 2026**  
**(Period: 01 April-27 May)**

**(a) Punjab**

District	01 Apr-27 May				
	2022	2023	2024	2025	2026
Amritsar	1243	870	1004	1102	707
Barnala	472	542	340	335	346
Bathinda	829	586	637	649	746
Faridkot	525	464	322	263	372
Fatehgarh Sahib	72	139	172	152	122
Fazilka	527	385	446	351	415
Firozpur	1428	899	914	737	920
Gurdaspur	1125	950	1327	853	641
Hoshiarpur	483	410	489	307	236
Jalandhar	830	622	466	434	417
Kapurthala	727	504	508	525	344
Ludhiana	946	888	836	629	636
Malerkotla	412	333	139	140	170
Mansa	1099	1010	308	258	349
Moga	729	587	787	861	755
Muksar	168	92	512	406	537
Pathankot	458	427	141	73	36
Patiala	74	41	527	452	416
Rupnagar	1012	817	59	41	26
Sangrur	27	11	583	651	693
SAS NAGAR (Mohali)	223	184	60	28	26
SBS Nagar	1072	585	212	186	147
Tarn Taran	0	0	978	699	714
<b>Total</b>	<b>14481</b>	<b>11346</b>	<b>11767</b>	<b>10132</b>	<b>9771</b>

**(b) Haryana**

District	01 Apr-27 May				
	2022	2023	2024	2025	2026
AMBALA	93	83	146	85	87
BHIWANI	76	24	95	36	89
CHARKHI DADRI	10	8	41	35	25
FARIDABAD	17	17	16	6	27
FATEHABAD	274	268	235	220	258
GURGAON	7	9	10	0	28
HISAR	151	113	134	70	236
JHAJJAR	122	66	267	149	325
JIND	346	156	318	175	493
KAITHAL	306	191	275	178	284
KARNAL	382	227	401	163	207
KURUKSHETRA	142	57	171	69	78
MAHENDRAGARH	0	0	0	0	0
MEWAT	1	8	4	0	13
PALWAL	33	28	30	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	271	214	307
YAMUNANAGAR	22	40	40	36	19
<b>Total</b>	<b>2880</b>	<b>1898</b>	<b>3134</b>	<b>1822</b>	<b>3394</b>

(c) Uttar Pradesh

District	01 Apr-27 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	175	PILHIBHIT	327	66	269	501	197	
ALIGARH	19	33	40	84	1	GHAZIABAD	14	10	32	43	16	PRATAPGARH	24	15	50	36	88	
ALLAHABAD	112	43	181	220	314	GONDA	22	29	50	82	66	RAIBEARELI	105	17	112	151	136	
AMBEDKARNAGAR	11	13	37	67	82	GORAKHPUR	977	368	700	880	1412	RAMPUR	117	33	131	170	70	
AMETHI	0	0	0	0	90	HAMIRPUR	18	42	90	317	372	SAMBHAL	0	0	0	0	2	
AMROHA	9	5	7	12	4	HAPUR	0	0	0	0	18	SANTKABIRNAGAR	697	430	813	516	935	
AURAIYA	106	15	47	67	30	HARDOI	119	80	126	321	145	SANTRAVIDASNAGAR	1	3	5	2	9	
AZAMGARH	90	76	275	197	438	HATHRAS	0	1	0	7	11	SHAHJAHANPUR	348	104	232	492	216	
BADAUN	9	8	24	55	19	JALAUN	26	21	185	328	272	SHAMLI	0	0	0	0	27	
BAGHPAT	8	3	12	23	14	JAUNPUR	23	8	84	53	124	SHARANPUR	32	21	18	50	22	
BAHRAICH	110	46	122	211	122	JHANSI	111	142	470	641	772	SHRAWASTI	86	43	152	136	73	
BALLIA	156	205	397	230	146	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	21	42	62	KANPUR DEHAT	32	25	56	120	202	SONBHADRA	129	43	28	40	151	
BARABANKI	10	3	35	59	30	KASGANJ	0	0	0	0	8	SULTANPUR	62	30	100	75	61	
BAREILLY	114	22	123	202	84	KAUSHAMBI	8	6	8	26	25	UNNAO	72	19	143	171	182	
BASTI	435	226	584	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	<b>Total</b>	<b>10954</b>	<b>6401</b>	<b>14055</b>	<b>14314</b>	<b>15768</b>	
BULANSAHAR	8	11	7	22	20	LALITPUR	70	74	209	635	402							
CHANDAULI	294	62	339	198	330	LUCKNOW	13	2	15	28	7							
CHITRAKOOT	24	3	11	21	37	MAHARAJGANJ	1495	977	1744	1034	969							
DEORIA	734	440	984	875	1045	MAHOBA	8	45	59	173	208							
ETAH	2	7	11	55	15	MAINPURI	6	8	24	72	36							
ETAWAH	3	5	25	51	48	MATHURA	24	54	69	134	136							
FAIZABAD	7	12	25	17	15	MAU	88	64	155	99	145							
FARRUKHABAD	3	2	8	26	23	MEERUT	20	26	40	37	30							
FATEHPUR	53	35	91	95	151	MIRZAPUR	74	15	17	38	96							
FIROZABAD	1	0	2	1	5	MORADABAD	8	14	11	15	16							

**(d) Uttar Pradesh NCR**

District	01 Apr-27 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	43	16
HAPUR	0	0	0	0	18
MEERUT	20	26	40	37	30
MUZAFARNAGAR	55	33	47	80	31
SHAMLI	0	0	0	0	27
<b>Total</b>	<b>134</b>	<b>107</b>	<b>171</b>	<b>258</b>	<b>211</b>

**(e) Delhi**

District	01 Apr-27 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	3	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	1	1	0	2	2
<b>Total</b>	<b>27</b>	<b>5</b>	<b>36</b>	<b>49</b>	<b>65</b>

**(f) Madhya Pradesh**

District	01 Apr-27 May										
	2022	2023	2024	2025	2026	PANNA	184	75	190	332	439
ALIRAJPUR	0	0	2	3	8	RAISEN	2659	1676	1328	2484	3183
ANUPPUR	35	3	6	28	33	RAJGARH	162	183	50	536	957
ASHOKNAGAR	648	232	360	1555	932	RATLAM	200	292	78	336	343
BALAGHAT	31	4	4	13	28	REWA	202	76	167	191	293
BARWANI	7	8	4	8	20	SAGAR	780	586	421	1491	1630
BETUL	209	64	68	175	481	SATNA	1042	258	636	885	1379
BHIND	75	70	123	328	401	SEHORE	954	656	331	849	1128
BHOPAL	973	495	259	1118	1077	SEONI	1532	820	876	1518	3146
BURHANPUR	12	4	6	14	37	SHAHNOL	112	9	24	62	55
CHHATARPUR	173	178	346	678	617	SHAJAPUR	415	550	225	1066	270
CHHINDWARA	533	268	272	739	1915	SHEOPUR	379	452	511	1062	846
DAMOH	219	258	213	746	595	SHIVPURI	198	124	172	771	535
DATIA	394	288	568	770	874	SIDHI	32	5	9	22	36
DEWAS	587	570	105	847	927	SINGRAULI	130	3	9	64	33
DHAR	1012	885	183	1015	868	TIKAMGARH	44	88	116	272	248
DINDORI	45	5	8	49	28	UJJAIN	1250	1789	525	2211	2441
EAST NIMAR	84	108	36	226	447	UMARIA	64	15	25	59	71
GUNA	771	397	323	1926	1623	VIDESHA	3752	1751	1184	4462	4453
GWALIOR	622	398	672	725	1031	WEST NIMAR	41	78	39	190	272
HARDA	402	278	83	216	464	<b>Total</b>	<b>27671</b>	<b>18789</b>	<b>13558</b>	<b>34326</b>	<b>38859</b>
HOSHANGABAD	4067	2758	1586	1591	1729						
INDORE	971	1010	396	1335	936						
JABALPUR	899	488	498	406	609						
JHABUA	2	7	2	10	19						
KATNI	313	155	222	266	416						
MANDLA	182	51	110	185	347						
MANDSAUR	68	113	20	154	200						
MORENA	51	62	57	131	180						
NARSHIMAPURA	133	104	98	129	179						
NIMACH	21	42	12	77	80						

**State-wise and date-wise number of wheat residue burning events detected in 2022, 2023,2024,2025 and 2026**  
**(Period: 01 April-27 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
<b>Total</b>	<b>14481</b>	<b>11346</b>	<b>11767</b>	<b>10132</b>	<b>9771</b>	<b>2880</b>	<b>1898</b>	<b>3134</b>	<b>1822</b>	<b>3394</b>	<b>10954</b>	<b>6401</b>	<b>14055</b>	<b>14314</b>	<b>15768</b>	<b>27</b>	<b>5</b>	<b>36</b>	<b>49</b>	<b>65</b>	<b>27671</b>	<b>18789</b>	<b>13558</b>	<b>34326</b>	<b>38859</b>

### Details of wheat residue burning events in Punjab on 27-May-2026

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m <sup>2</sup> )
1	FIROZPUR	FIROZPUR	S-NPP	30.86713	74.59026	13:38:19	D	11.50

### Details of wheat residue burning events in Haryana on 27-May-2026

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m <sup>2</sup> )
1	GURGAON	SOHNA	S-NPP	28.27283	77.21446	02:27:37	N	0.90

### Details of wheat residue burning events in Uttar Pradesh on 27-May-2026

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m <sup>2</sup> )
1	ALLAHABAD	HADIYA	S-NPP	25.34419	82.10518	13:39:00	D	10.60
2	ALLAHABAD	KORAWN	S-NPP	24.92414	82.13971	13:39:00	D	8.90
3	ALLAHABAD	KORAWN	S-NPP	24.99226	82.01746	13:39:00	D	25.76
4	ALLAHABAD	KORAWN	S-NPP	24.99535	82.01303	02:25:00	N	2.66
5	ALLAHABAD	KORAWN	S-NPP	24.99865	82.01456	02:25:00	N	5.15
6	ALLAHABAD	KORAWN	S-NPP	25.00012	82.01431	02:25:00	N	2.66
7	ALLAHABAD	MEZA	S-NPP	25.06791	81.91854	13:39:00	D	7.93
8	ALLAHABAD	MEZA	S-NPP	25.08228	82.00845	13:39:00	D	7.79
9	ALLAHABAD	MEZA	S-NPP	25.08577	81.93317	13:39:00	D	8.92
10	AMBEDKARNAGAR	AKBARPUR	S-NPP	26.53094	82.38582	13:39:00	D	2.76
11	AZAMGARH	LALGANJ	S-NPP	25.89096	82.89710	13:39:00	D	3.81
12	BADAUN	DATAGANJ	S-NPP	27.74519	79.20934	13:39:00	D	9.94
13	BADAUN	DATAGANJ	S-NPP	27.74621	79.20768	13:39:00	D	7.44
14	BAHRAICH	NANPARA	S-NPP	27.75289	81.53584	13:39:00	D	3.54
15	BANDA	BANDA	S-NPP	25.57911	80.43770	02:25:00	N	4.47
16	BANDA	NARAINI	S-NPP	25.25673	80.40810	13:39:00	D	25.98
17	BIJNOR	NAGINA	S-NPP	29.55394	78.48792	13:41:00	D	6.91
18	CHANDAULI	SHAKALDIHA	S-NPP	25.36016	83.28767	13:39:00	D	3.96

19	CHITRAKOOT	KARWI	S-NPP	25.45978	81.04555	13:39:00	D	20.54
20	FATEHPUR	FATEHPUR	S-NPP	25.72088	80.77115	13:39:00	D	15.53
21	FATEHPUR	FATEHPUR	S-NPP	25.72407	80.73511	13:39:00	D	15.39
22	FATEHPUR	FATEHPUR	S-NPP	25.72469	80.74008	13:39:00	D	21.83
23	GONDA	GONDA	S-NPP	27.22440	82.09547	13:39:00	D	5.03
24	HAMIRPUR	MAUDAHA	S-NPP	25.52740	80.20023	02:25:00	N	1.20
25	HAMIRPUR	MAUDAHA	S-NPP	25.56686	80.15939	02:25:00	N	0.59
26	HAMIRPUR	MAUDAHA	S-NPP	25.57108	80.16044	02:25:00	N	1.09
27	HAMIRPUR	MAUDAHA	S-NPP	25.70526	79.90859	02:25:00	N	3.22
28	HAMIRPUR	MAUDAHA	S-NPP	25.73182	80.18345	02:25:00	N	1.15
29	HAMIRPUR	RATH	S-NPP	25.55940	79.48169	13:39:00	D	28.07
30	HAMIRPUR	RATH	S-NPP	25.68627	79.47860	02:25:00	N	2.81
31	HAMIRPUR	RATH	S-NPP	25.69032	79.47959	02:25:00	N	1.90
32	HAMIRPUR	SARILA	S-NPP	25.91092	79.68410	02:25:00	N	7.44
33	HAMIRPUR	SARILA	S-NPP	25.91354	79.68333	02:25:00	N	6.81
34	JALAUN	KALPI	S-NPP	26.14720	79.55197	13:39:00	D	15.19
35	JALAUN	URAI	S-NPP	26.06453	79.47449	13:39:00	D	12.09
36	JAUNPUR	MACHHALI SAHAR	S-NPP	25.59933	82.21020	13:39:00	D	4.08
37	JHANSI	JHANSI	S-NPP	25.52277	78.60164	02:25:00	N	5.27
38	JHANSI	TAHRAULI	S-NPP	25.52332	78.84991	13:39:00	D	11.31
39	JHANSI	TAHRAULI	S-NPP	25.62115	78.87746	13:39:00	D	14.11
40	KANPUR	GHATAMPUR	S-NPP	26.12966	80.01328	13:39:00	D	5.64
41	KANPUR	GHATAMPUR	S-NPP	26.13021	80.01587	13:39:00	D	15.08
42	KANPUR	GHATAMPUR	S-NPP	26.13027	80.01794	13:39:00	D	10.81
43	KANPUR DEHAT	BHOGANIPUR	S-NPP	26.19991	79.71941	13:39:00	D	10.48
44	KANPUR DEHAT	BHOGANIPUR	S-NPP	26.20208	79.71791	13:39:00	D	7.38
45	KANPUR DEHAT	SIKANDRA	TERRA	26.45145	79.66014	09:02:00	D	11.04
46	KHERI	NIGHASAN	S-NPP	28.37440	80.83611	13:39:00	D	4.59
47	KHERI	NIGHASAN	S-NPP	28.37514	80.83940	13:39:00	D	9.30
48	KUSHINAGAR	HATA	S-NPP	26.87897	83.68469	13:39:00	D	0.93
49	LALITPUR	LALITPUR	S-NPP	24.66096	78.36506	13:39:00	D	20.95
50	MAHOBA	CHARKHARI	S-NPP	25.53914	79.82150	02:25:00	N	4.00
51	MAHOBA	MAHOBA	S-NPP	25.41504	79.91018	13:39:00	D	22.10
52	MIRZAPUR	CHUNAR	S-NPP	25.12136	83.01402	13:39:00	D	6.54
53	RAIBEARELI	LALGANJ	S-NPP	26.08981	80.77496	13:39:00	D	5.53

54	RAIBEARELI	LALGANJ	S-NPP	26.18080	80.83083	13:39:00	D	8.99
55	SHRAWASTI	BHINGA	S-NPP	27.77350	81.83068	13:39:00	D	2.81
56	SIDDHARTHANAGAR	BANSI	S-NPP	27.03734	82.92680	13:39:00	D	6.33
57	SONBHADRA	DUDHI	S-NPP	24.31510	82.84222	13:39:00	D	6.92
58	SONBHADRA	REBUTSHGANJ	S-NPP	24.71318	83.14584	13:39:00	D	6.92
59	SONBHADRA	REBUTSHGANJ	S-NPP	24.71745	83.14526	13:39:00	D	6.92
60	SULTANPUR	JAISINGHPUR	S-NPP	26.34281	82.23656	13:39:00	D	14.53
61	SULTANPUR	KADIRPUR	S-NPP	26.14104	82.45680	13:39:00	D	7.21

**Details of wheat residue burning events in Madhya Pradesh on 27-May-2026**

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m <sup>2</sup> )
1	ALIRAJPUR	JOBAT	S-NPP	22.44334	74.55929	13:39:00	D	1.92
2	BALAGHAT	LALBURRA	S-NPP	21.93273	80.03368	13:39:00	D	12.15
3	BALAGHAT	LANJI	S-NPP	21.49957	80.43577	13:39:00	D	6.23
4	BETUL	BHAINSDEHI	S-NPP	21.64105	77.91193	02:25:00	N	0.60
5	BETUL	BHAINSDEHI	S-NPP	21.81362	77.76109	02:25:00	N	3.39
6	BETUL	BHAINSDEHI	S-NPP	21.81576	77.76033	02:25:00	N	8.97
7	BETUL	BHAINSDEHI	S-NPP	21.81757	77.76186	02:25:00	N	3.39
8	BETUL	MULTAI	S-NPP	21.68338	78.10895	02:25:00	N	1.39
9	CHHATARPUR	BARAMALEHRA	S-NPP	24.65688	79.24974	02:25:00	N	3.49
10	CHHATARPUR	BIJAWAR	S-NPP	24.67865	79.51759	02:25:00	N	5.53
11	CHHATARPUR	CHHATARPUR	S-NPP	24.82567	79.56557	02:25:00	N	9.42
12	CHHATARPUR	CHHATARPUR	S-NPP	24.82650	79.56142	02:25:00	N	10.95
13	CHHATARPUR	NOWGOAN	S-NPP	24.96409	79.78496	13:39:00	D	11.69
14	CHHATARPUR	NOWGOAN	S-NPP	24.96764	79.78439	13:39:00	D	11.69
15	CHHATARPUR	RAJNAGAR	S-NPP	24.93592	79.75650	02:25:00	N	4.41
16	CHHINDWARA	PARASIA	S-NPP	22.07984	78.75799	02:25:00	N	0.92
17	CHHINDWARA	PARASIA	S-NPP	22.20488	78.67885	02:25:00	N	5.74
18	DATIA	DATIA	S-NPP	25.57887	78.58244	02:25:00	N	2.46
19	DATIA	DATIA	S-NPP	25.72193	78.39072	02:25:00	N	1.43
20	DEWAS	KHATEGOAN	TERRA	22.75689	76.89272	09:04:00	D	19.69

21	DHAR	BADNAWAR	S-NPP	23.06664	75.24010	13:39:00	D	3.83
22	EAST NIMAR	HARSUD	S-NPP	22.07067	76.83711	02:25:00	N	0.54
23	GUNA	GUNA	S-NPP	24.71386	77.08566	02:25:00	N	1.20
24	GUNA	GUNA	S-NPP	24.71749	77.08646	02:25:00	N	1.20
25	GWALIOR	BHITARWAR	S-NPP	25.72856	78.09544	02:25:00	N	1.08
26	GWALIOR	BHITARWAR	S-NPP	25.87257	77.99447	02:25:00	N	0.82
27	GWALIOR	BHITARWAR	S-NPP	25.87630	77.99531	02:25:00	N	1.28
28	GWALIOR	BHITARWAR	S-NPP	25.89307	78.03046	02:25:00	N	1.43
29	GWALIOR	BHITARWAR	S-NPP	25.97062	78.17625	02:25:00	N	5.38
30	GWALIOR	DABRA	S-NPP	25.78890	78.24957	02:25:00	N	3.94
31	HOSHANGABAD	BANKHERI	S-NPP	22.72088	78.54423	13:39:00	D	7.57
32	KATNI	BARBARA	S-NPP	23.74760	80.61324	13:39:00	D	21.52
33	NARSHIMAPURA	GOTECAON	S-NPP	22.95690	79.61725	02:25:00	N	5.81
34	NARSHIMAPURA	GOTECAON	S-NPP	22.96119	79.61837	02:25:00	N	5.60
35	NIMACH	JAWAD	TERRA	25.01334	75.24596	09:04:00	D	31.86
36	PANNA	PANNA	S-NPP	24.76538	80.05007	13:39:00	D	15.75
37	PANNA	SHAHNAGAR	S-NPP	24.17771	80.35287	13:39:00	D	22.60
38	RAISEN	BAGAMGANJ	S-NPP	23.55054	78.37699	02:25:00	N	3.06
39	RAISEN	BAGAMGANJ	S-NPP	23.56553	78.70348	13:39:00	D	20.50
40	RAISEN	BARELI	S-NPP	23.00216	78.06407	13:39:00	D	21.91
41	RAISEN	GAIRATGANJ	S-NPP	23.43471	78.26294	02:25:00	N	0.77
42	RAISEN	SILVANI	S-NPP	23.27506	78.46079	02:25:00	N	1.08
43	RATLAM	PIPLODA	S-NPP	23.69147	74.93043	13:39:00	D	5.81
44	REWA	HUZUR	S-NPP	24.44326	81.25646	13:39:00	D	18.15
45	REWA	HUZUR	S-NPP	24.63330	81.30680	13:39:00	D	20.67
46	REWA	HUZUR	S-NPP	24.63712	81.30624	13:39:00	D	13.37
47	REWA	SIRMAUR	S-NPP	24.67953	81.49017	13:39:00	D	13.42
48	SAGAR	BANDA	S-NPP	24.30798	78.99901	13:39:00	D	21.06
49	SAGAR	DEVRI	S-NPP	23.51933	78.91084	02:25:00	N	4.93
50	SAGAR	KESALI	TERRA	23.41343	78.82151	09:04:00	D	18.86
51	SAGAR	KHURAI	TERRA	24.02260	78.29475	09:04:00	D	14.53
52	SATNA	MAIHAR	S-NPP	24.23485	80.79483	13:39:00	D	19.91
53	SATNA	MAJHGAWAN	S-NPP	24.75890	80.89905	13:39:00	D	24.81

54	SATNA	MAJHGAWAN	S-NPP	24.75951	80.90396	13:39:00	D	31.07
55	SATNA	MAJHGAWAN	S-NPP	24.76057	80.97413	13:39:00	D	29.33
56	SATNA	NAGOD	TERRA	24.50871	80.62113	09:04:00	D	10.90
57	SATNA	RAGURAJNAGAR	S-NPP	24.59167	80.76866	02:25:00	N	3.20
58	SATNA	RAGURAJNAGAR	S-NPP	24.59268	80.77081	02:25:00	N	2.56
59	SATNA	RAMNAGAR	S-NPP	24.26143	81.31594	02:25:00	N	7.11
60	SATNA	UCHAHAR	S-NPP	24.42251	80.91595	13:39:00	D	19.06
61	SATNA	UCHAHAR	S-NPP	24.48459	80.83025	13:39:00	D	26.29
62	SEONI	KEWLARI	S-NPP	22.53884	80.02322	02:25:00	N	0.91
63	SEONI	KEWLARI	S-NPP	22.54132	80.03398	02:25:00	N	1.37
64	SEONI	SEONI	S-NPP	22.15128	79.57846	02:25:00	N	1.27
65	SHAJAPUR	NALKHERA	S-NPP	23.89171	76.21079	02:25:00	N	0.84
66	SHIVPURI	KOLARAS	TERRA	25.25805	77.51281	09:04:00	D	18.38
67	SHIVPURI	KOLARAS	TERRA	25.26193	77.50716	09:04:00	D	17.33
68	SHIVPURI	NARWAR	S-NPP	25.62514	78.17067	02:25:00	N	1.45
69	SHIVPURI	NARWAR	S-NPP	25.62891	78.17155	02:25:00	N	1.45
70	SINGRAULI	CHITRANGI	S-NPP	24.52290	82.66197	13:39:00	D	6.23
71	SINGRAULI	SINGRAULI	S-NPP	23.90862	82.61385	13:39:00	D	11.00
72	VIDESHA	BASODA	S-NPP	23.86549	77.90355	02:25:00	N	1.44
73	VIDESHA	BASODA	S-NPP	23.86659	77.90540	02:25:00	N	1.37
74	VIDESHA	BASODA	S-NPP	23.86759	77.90023	02:25:00	N	1.37
75	VIDESHA	LETERI	S-NPP	23.93496	77.50647	02:25:00	N	1.11
76	WEST NIMAR	BHIKANGAON	S-NPP	22.01076	76.14664	13:39:00	D	9.85

## 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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