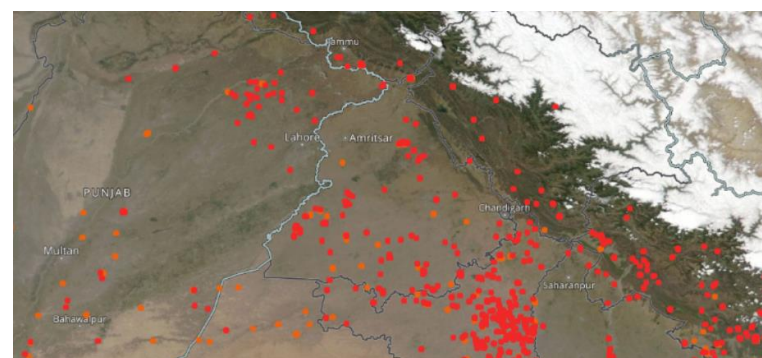


MONITORING WHEAT RESIDUE BURNING IN PUNJAB USING GEOSPATIAL TECHNOLOGIES 2024



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for
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Highlights for 05 May 2024

- The active fire incidents 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" developed on the directions of "Commission for Air Quality Management in National Capital Region and Adjoining Areas".
- Satellites detected 168 incidents in the Punjab State on 05 May 2024.

District-wise Active Fire Events in Punjab

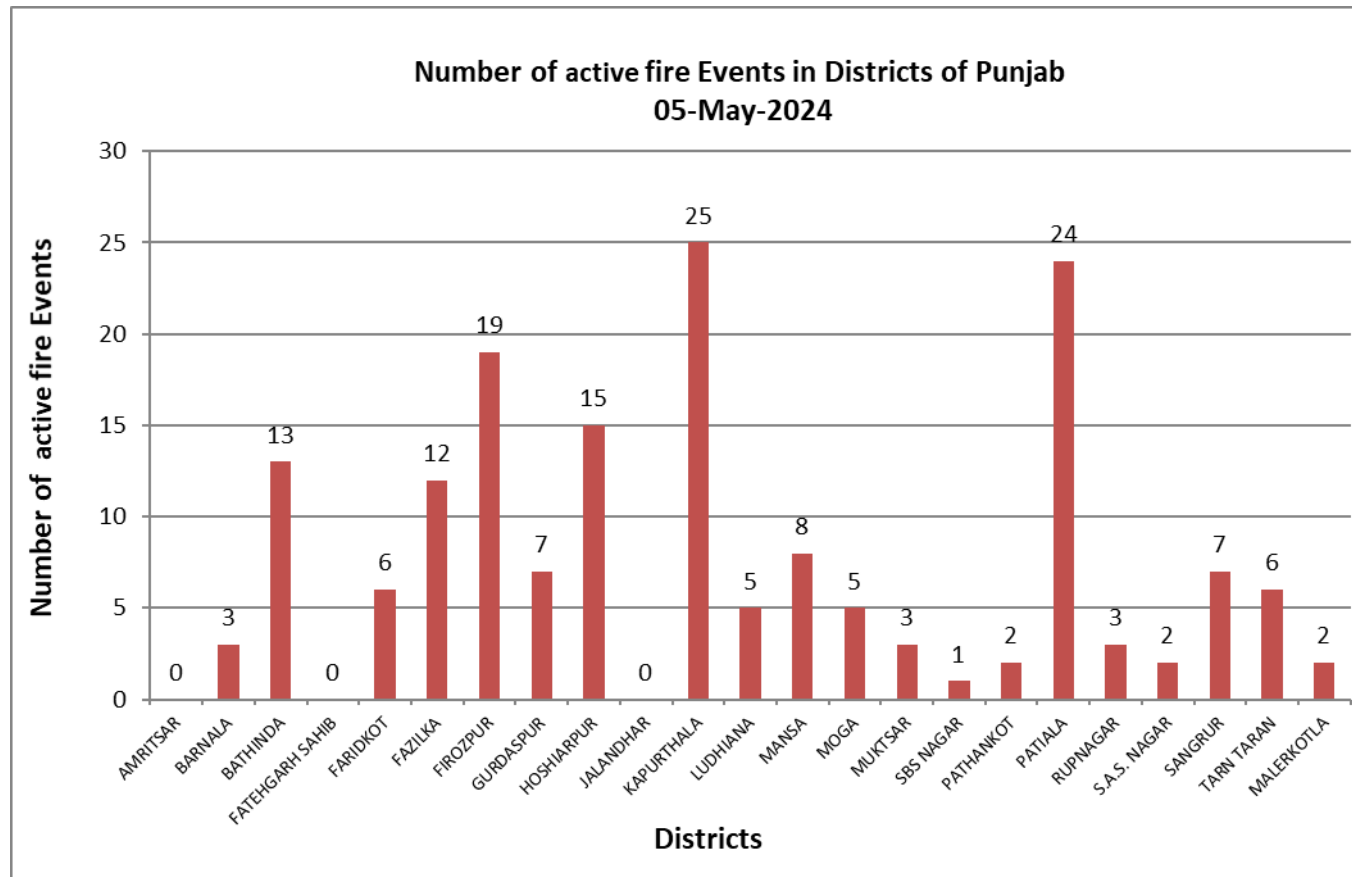


Fig. 1. District-wise fire incidents (Total events = 168) captured by Satellite in Punjab on 05 May 2024

On May, 05 2024, 168 active fire incidents were captured by the Satellite in state of Punjab.

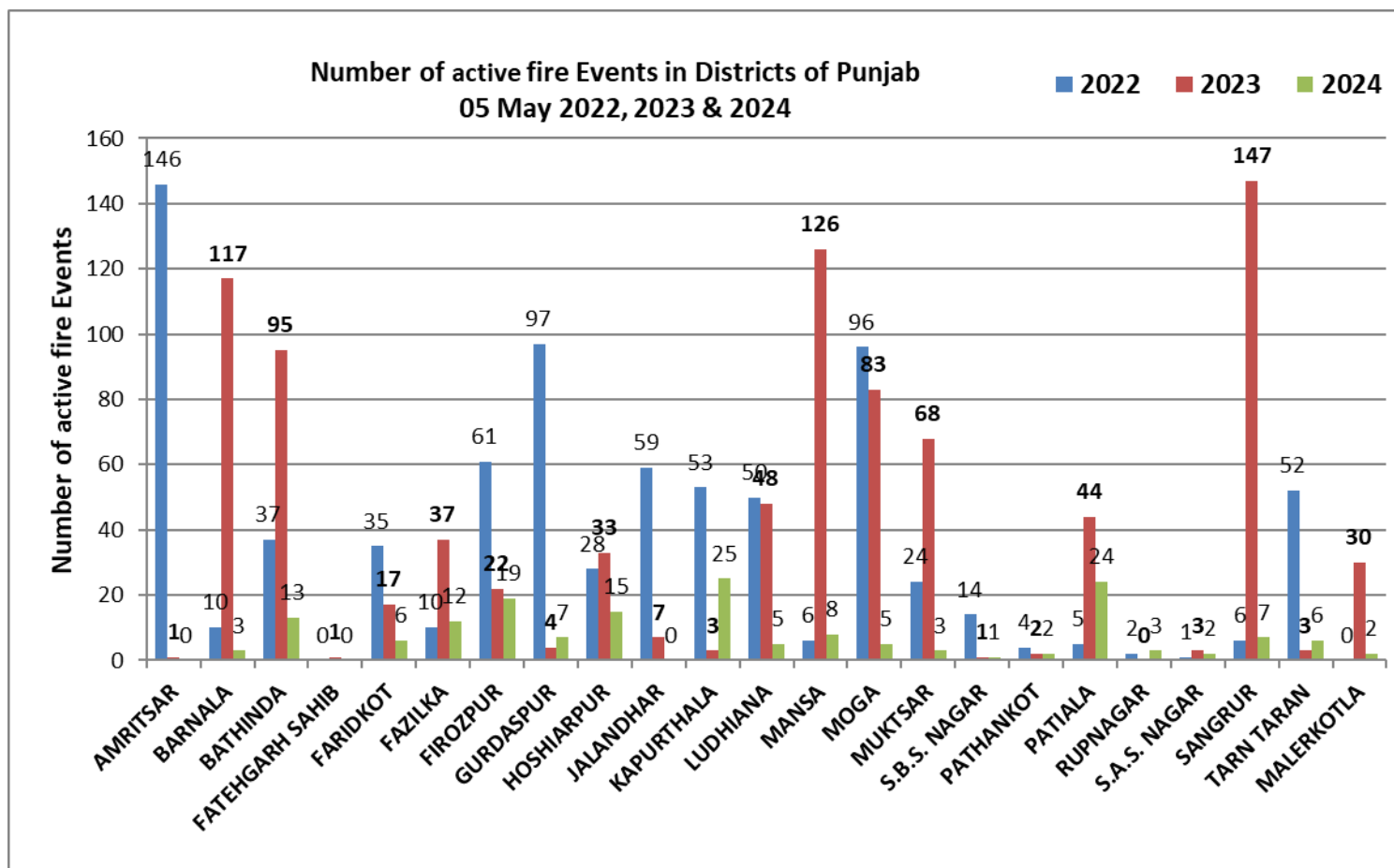


Fig 2 : District-wise comparison of fire incidents captured in Punjab on 05 May 2022, 2023 & 2024

On May, 05 2024, 168 active fire events were captured by the Satellite in state of Punjab. Whereas on the same day (i.e. May 05), in the year 2022, 796 active fire events were captured and in the year 2023 there were 892 active fire events in state of Punjab.

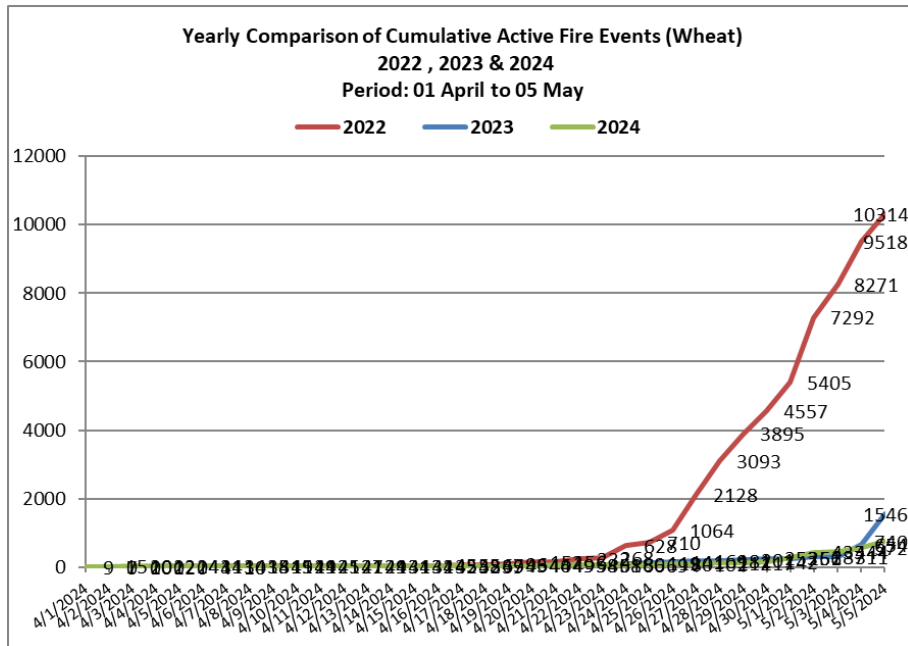


Fig 3 : Cumulative fire incidents captured in Punjab upto 05 May 2022, 2023 & 2024

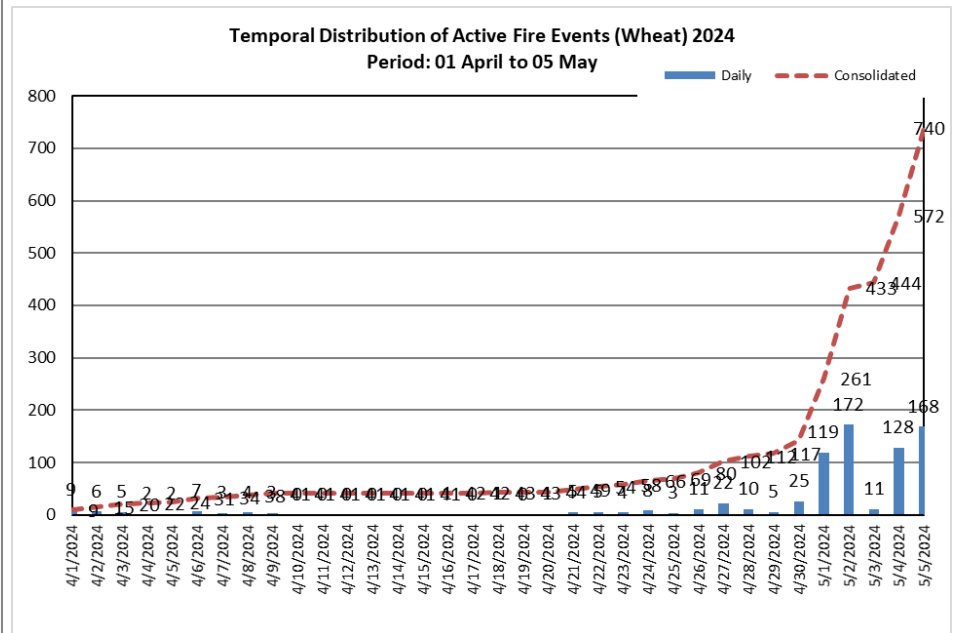
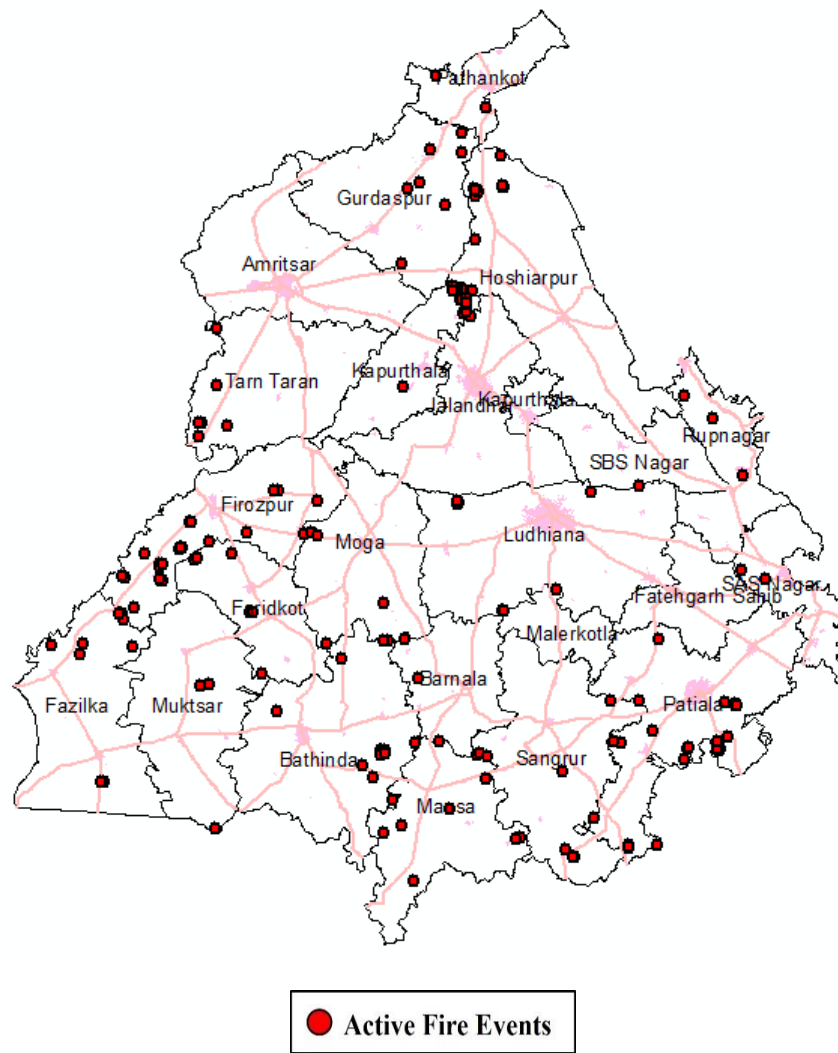


Fig 4: Date-wise Cumulative fire incidents captured in Punjab upto 05 May 2024



Map.1. Active fire locations detected in Punjab on 05 May 2024 by Satellite

Table.1. Active fire locations detected in Punjab on 05 May 2024 by Satellite

S.N.	Latitude	Longitude	Detection_Confidence	Radiative_power (W/m2)	sat	Acq-date	acqtime	District	Tehsil	Block	Village	Hadbast No	Thana
1	30.513480	75.315230	8	18.9	npp	5/5/2024	1:28:49 PM	Barnala	Barnala	Sehna	Kharak Singh	13	Bhadaur Barnala
2	30.147000	75.578000	73	19.6	mod	5/5/2024	2:28:21 PM	Barnala	Tapa	Barnala	Rajia	79	Dhanaula Barnala
3	30.388000	75.367000	68	14.5	mod	5/5/2024	2:28:21 PM	Barnala	Tapa	Sehna	Mauran Nabha	51	Sehna Barnala
4	30.285000	74.849000	67	23.8	mod	5/5/2024	10:14:50 AM	Bathinda	Bathinda	Goniana Mandi	Mehma Sarja	168	Nehianwala Bathinda
5	30.507000	75.258000	71	28.8	mod	5/5/2024	10:14:50 AM	Bathinda	Rampura Phul	Bhagta Bhai Ka	Adampura	29	Dialpura Bathinda
6	30.509000	75.239000	67	23.7	mod	5/5/2024	10:14:50 AM	Bathinda	Rampura Phul	Bhagta Bhai Ka	Kangarh	27	Dialpura Bathinda
7	30.451610	75.088480	8	0.8	npp	5/5/2024	2:19:32 AM	Bathinda	Rampura Phul	Bhagta Bhai Ka	Kotha Guru	1	Dialpura Bathinda
8	30.183000	75.355000	70	17.1	mod	5/5/2024	2:28:21 PM	Bathinda	Rampura Phul	Rampura	Chowkhey	450	Sadar Rampura Bathinda
9	30.158000	75.229000	67	12.5	mod	5/5/2024	2:28:21 PM	Bathinda	Rampura Phul	Rampura	Dhaddhey	3	Baliawali Bathinda
10	30.159000	75.236000	72	17.2	mod	5/5/2024	2:28:21 PM	Bathinda	Rampura Phul	Rampura	Dikh	2	Baliawali Bathinda
11	30.160000	75.243000	72	17.2	mod	5/5/2024	2:28:21	Bathinda	Ramp	Rampura	Dikh	2	Baliawali

	0						PM		ura Phul	a			Bathinda
12	30.148000	75.231000	78	22.4	mod	5/5/2024	2:28:21 PM	Bathinda	Rampura Phul	Rampura	Ram Nivas	4	Baliawali Bathinda
13	30.115000	75.165000	72	29.1	mod	5/5/2024	10:14:50 AM	Bathinda	Talwandi Sabo	Maur	Gehri Bara	18	Kotfatta Bathinda
14	30.002210	75.274040	8	6.0	npp	5/5/2024	1:28:49 PM	Bathinda	Talwandi Sabo	Maur	Kotli Khurd	86	Maur Bathinda
15	30.073000	75.202000	74	21.3	mod	5/5/2024	2:28:21 PM	Bathinda	Talwandi Sabo	Maur	Maur Charthe	15	Maur Bathinda
16	30.150000	75.244000	93	58.7	mod	5/5/2024	2:28:21 PM	Bathinda	Talwandi Sabo	Maur	Thamangarh	65	Baliawali Bathinda
17	30.768000	74.543000	72	13.5	mod	5/5/2024	2:28:21 PM	Faridkot	Faridkot	Faridkot	Jhok Sarkari	30	Sadiq Faridkot
18	30.770000	74.556000	77	18.2	mod	5/5/2024	2:28:21 PM	Faridkot	Faridkot	Faridkot	Jhok Sarkari	30	Sadiq Faridkot
19	30.785000	74.682000	70	12.4	mod	5/5/2024	2:28:21 PM	Faridkot	Faridkot	Faridkot	Nathal Wala	12	Sadar Fairdkot
20	30.600000	74.750000	73	17.5	mod	5/5/2024	2:28:21 PM	Faridkot	Faridkot	Kot Kapura	Dhima Wali	98	Sadar Kotkapura Faridkot
21	30.601000	74.763000	64	10.7	mod	5/5/2024	2:28:21 PM	Faridkot	Faridkot	Kot Kapura	Duareana	109	Sadar Kotkapura Faridkot
22	30.402000	74.795000	62	11.5	mod	5/5/2024	2:28:21 PM	Faridkot	Jaito	Jaiton	Rameana	137	Jaitu Faridkot
23	30.058000	74.219000	44	8.2	mod	5/5/2024	2:28:21 PM	Fazilka	Abohar	Abohar	Ramsara Alias	80	Sadar Abohar

24	30.057000	74.207000	66	13.6	mod	5/5/2024	2:28:21 PM	Fazilka	Abohar	Abohar	Ramsara Alias	80	Sadar Abohar
25	30.491000	74.020000	61	10.3	mod	5/5/2024	2:28:21 PM	Fazilka	Fazilka	Fazilka	Hasta Kalan	298	Sadar Fazilka
26	30.462000	74.127000	66	10.9	mod	5/5/2024	2:28:21 PM	Fazilka	Fazilka	Fazilka	Jhok Depulana	223	Sadar Fazilka
27	30.496000	74.140000	71	12.4	mod	5/5/2024	2:28:21 PM	Fazilka	Fazilka	Jalalabad	Tarobari	221	Sadar Fazilka
28	30.494410	74.136120	8	5.7	npp	5/5/2024	1:28:49 PM	Fazilka	Fazilka	Jalalabad	Tarobari	221	Sadar Fazilka
29	30.497730	74.135410	8	5.7	npp	5/5/2024	1:28:49 PM	Fazilka	Fazilka	Jalalabad	Tarobari	221	Sadar Fazilka
30	30.611000	74.322000	73	14.4	mod	5/5/2024	2:28:21 PM	Fazilka	Jalalabad	Guruhar Sahai	Chak Sawah	191	Amir Khas Fazilka
31	30.592000	74.283000	41	9.3	mod	5/5/2024	2:28:21 PM	Fazilka	Jalalabad	Jalalabad	Chak Arian	194	City Jalalabad
32	30.573000	74.286000	44	10.6	mod	5/5/2024	2:28:21 PM	Fazilka	Jalalabad	Jalalabad	Chak Arian	194	City Jalalabad
33	30.489090	74.318980	8	0.4	npp	5/5/2024	2:19:32 AM	Fazilka	Jalalabad	Jalalabad	Chak Roran	213	Vairo Ke Fazilka
34	30.591000	74.271000	78	17.6	mod	5/5/2024	2:28:21 PM	Fazilka	Jalalabad	Jalalabad	Jalalabad	196	City Jalalabad
35	30.823470	74.601730	8	8.2	npp	5/5/2024	1:28:49 PM	Firozpur	Firozpur	Firozpur	Gulam Pattra	219	Lakhoke Behram Firozpur
36	30.851400	74.736740	9	7.0	npp	5/5/2024	1:28:49 PM	Firozpur	Firozpur	Ghall Khurd	Ratta Khara	204	Ghall Khurd Firozpur
37	30.802000	74.499000	72	14.6	mod	5/5/2024	2:28:21 PM	Firozpur	Firozpur	Mamdot	Jhok Tehal	260	Lakhoke Behram Firozpur

38	30.786000	74.363000	47	9.2	mod	5/5/2024	2:28:21 PM	Firozpur	Firozpur	Mamdot	Wadi	320	Lakhoke Behram Firozepur
39	30.801000	74.487000	76	18.9	mod	5/5/2024	2:28:21 PM	Firozpur	Guru Har Sahai	Mamdot	Mohre	259	Lakhoke Behram Firozepur
40	30.805000	74.492000	77	19.7	mod	5/5/2024	2:28:21 PM	Firozpur	Guru Har Sahai	Mamdot	Mohre	259	Lakhoke Behram Firozepur
41	30.700000	74.424000	75	37.0	mod	5/5/2024	10:14:50 AM	Firozpur	Guru har Sahai	Guru har Sahai	Guru Har	162	Guru Harsahai Firozepur
42	30.701000	74.430000	78	45.2	mod	5/5/2024	10:14:50 AM	Firozpur	Guru har Sahai	Guru har Sahai	Guru Har	162	Guru Harsahai Firozepur
43	30.702960	74.418880	8	7.3	npp	5/5/2024	1:28:49 PM	Firozpur	Guru har Sahai	Guru har Sahai	Guru Har	162	Guru Harsahai Firozepur
44	30.708000	74.288000	83	27.6	mod	5/5/2024	2:28:21 PM	Firozpur	Guru har Sahai	Guru har Sahai	Issa Panj	287	Guru Harsahai Firozepur
45	30.753000	74.418000	70	13.9	mod	5/5/2024	2:28:21 PM	Firozpur	Guru har Sahai	Guru har Sahai	Mare Kalan	166	Guru Harsahai Firozepur
46	30.743000	74.420000	74	16.4	mod	5/5/2024	2:28:21 PM	Firozpur	Guru har Sahai	Guru har Sahai	Mare Kalan	166	Guru Harsahai Firozepur
47	30.751230	74.425800	8	11.7	npp	5/5/2024	1:28:49 PM	Firozpur	Guru har Sahai	Guru har Sahai	Mare Kalan	166	Guru Harsahai Firozepur
48	30.710810	74.279980	8	5.0	npp	5/5/2024	1:28:49 PM	Firozpur	Guru har Sahai	Guru har Sahai	Rana Issa	320	Guru Harsahai Firozepur

49	30.885000	74.525000	62	21.9	mod	5/5/2024	10:14:50 AM	Firozpur	Mam dot	Mamdot	Bhure Kalan	83	Mamdot Firozepur
50	30.886000	74.531000	66	24.8	mod	5/5/2024	10:14:50 AM	Firozpur	Mam dot	Mamdot	Bhure Kalan	83	Mamdot Firozepur
51	30.986000	74.856000	66	22.5	mod	5/5/2024	10:14:50 AM	Firozpur	Zira	Zira	Amber Her	8	Mallan Wala Firozepur
52	30.988000	74.835000	69	27.9	mod	5/5/2024	10:14:50 AM	Firozpur	Zira	Zira	Burewala	4	Mallan Wala Firozepur
53	30.952250	74.996840	8	15.0	npp	5/5/2024	1:28:49 PM	Firozpur	Zira	Zira	Zira	329	City Zira Firozepur
54	31.708200	75.313190	8	0.8	npp	5/5/2024	2:19:32 AM	Gurdaspur	Batala	Sri Hargobindpur	Chone	106	Ghuman, Batala
55	31.964000	75.379000	73	15.8	mod	5/5/2024	2:28:21 PM	Gurdaspur	Gurdaspur	Dhariwal	Babri Nangal	377	Tibber Gurdaspur
56	31.945540	75.331530	8	0.9	npp	5/5/2024	2:19:32 AM	Gurdaspur	Gurdaspur	Dhariwal	Fathe Nangal	387	Dhariwal Gurdaspur
57	32.121000	75.539000	75	17.6	mod	5/5/2024	2:28:21 PM	Gurdaspur	Gurdaspur	Dina Nagar	Jharoli	694	Dinanagar Gurdaspur
58	32.059540	75.534720	8	5.9	npp	5/5/2024	1:28:49 PM	Gurdaspur	Gurdaspur	Gurdaspur	Pakhowal	648	Purana Shalla Gurdaspur
59	32.071000	75.416000	80	26.9	mod	5/5/2024	2:28:21 PM	Gurdaspur	Gurdaspur	Gurdaspur	Sherpur	330	Sadar Gurdaspur
60	31.890690	75.472220	8	7.0	npp	5/5/2024	1:28:49 PM	Gurdaspur	Gurdaspur	Kahnuwan	Chak Yakub	573	Kahnuwan Gurdaspur
61	31.783590	75.586450	8	1.2	npp	5/5/2024	2:19:32 AM	Hoshiarpur	Dasuya	Dasuya	Akki Tunda	480	Dasuya Hoshiarpur
62	31.621600	75.570590	8	13.1	npp	5/5/2024	1:28:49 PM	Hoshiarpur	Dasuya	Tanda	Talwandi Dadian	549	Tanda Hoshiarpur

63	31.951000	75.690000	74	14.8	mod	5/5/2024	2:28:21 PM	Hoshiarpur	Mukerian	Hajipur	Daggan	290	Mukerian Hoshiarpur
64	31.949470	75.686440	8	7.8	npp	5/5/2024	1:28:49 PM	Hoshiarpur	Mukerian	Hajipur	Daggan	290	Mukerian Hoshiarpur
65	31.952780	75.685770	8	4.9	npp	5/5/2024	1:28:49 PM	Hoshiarpur	Mukerian	Hajipur	Dalawal	231	Mukerian Hoshiarpur
66	31.939040	75.592120	8	15.4	npp	5/5/2024	1:28:49 PM	Hoshiarpur	Mukerian	Mukerian	Attalgarh	249	Mukerian Hoshiarpur
67	31.943000	75.578000	88	41.2	mod	5/5/2024	2:28:21 PM	Hoshiarpur	Mukerian	Mukerian	Golra	251	Mukerian Hoshiarpur
68	31.939000	75.585000	92	59.2	mod	5/5/2024	2:28:21 PM	Hoshiarpur	Mukerian	Mukerian	Golra	251	Mukerian Hoshiarpur
69	31.937850	75.583990	8	22.8	npp	5/5/2024	1:28:49 PM	Hoshiarpur	Mukerian	Mukerian	Golra	251	Mukerian Hoshiarpur
70	31.941750	75.587390	8	15.4	npp	5/5/2024	1:28:49 PM	Hoshiarpur	Mukerian	Mukerian	Kalsan	250	Mukerian Hoshiarpur
71	31.942350	75.591460	8	15.4	npp	5/5/2024	1:28:49 PM	Hoshiarpur	Mukerian	Mukerian	Kalsan	250	Mukerian Hoshiarpur
72	32.047360	75.684110	8	4.7	npp	5/5/2024	1:28:49 PM	Hoshiarpur	Mukerian	Mukerian	Pandori Musa	389	Hajipur Hoshiarpur
73	31.919240	75.584720	8	0.7	npp	5/5/2024	2:19:32 AM	Hoshiarpur	Mukerian	Mukerian	Samra h	243	Mukerian Hoshiarpur
74	31.934000	75.595000	78	19.7	mod	5/5/2024	2:28:21 PM	Hoshiarpur	Mukerian	Mukerian	Tanda Ram	246	Mukerian Hoshiarpur
75	31.938440	75.588060	8	15.4	npp	5/5/2024	1:28:49 PM	Hoshiarpur	Mukerian	Mukerian	Tanda Ram	246	Mukerian Hoshiarpur
76	31.552180	75.547200	8	2.9	npp	5/5/2024	2:19:32 AM	Kapurthala	Bholath	Nadala	Akala	131	Bholath Kapurthala
77	31.555480	75.547920	8	33.1	npp	5/5/2024	2:19:32 AM	Kapurthala	Bholath	Nadala	Akala	131	Bholath Kapurthala
78	31.598830	75.551860	8	1.8	npp	5/5/2024	2:19:32 AM	Kapurthala	Bholath	Nadala	Awan	2	Begowal Kapurthala

79	31.548000	75.538000	36	26.0	mod	5/5/2024	3:36:12 AM	Kapurthala	Bholath	Nadala	Bagriyan	130	Bholath Kapurthala
80	31.629740	75.510620	9	70.7	npp	5/5/2024	1:28:49 PM	Kapurthala	Bholath	Nadala	Balochak	24	Begowal Kapurthala
81	31.626000	75.531000	61	16.5	mod	5/5/2024	2:28:21 PM	Kapurthala	Bholath	Nadala	Begowal	10	Begowal Kapurthala
82	31.624000	75.516000	100	191.0	mod	5/5/2024	2:28:21 PM	Kapurthala	Bholath	Nadala	Begowal	10	Begowal Kapurthala
83	31.627030	75.515340	8	21.2	npp	5/5/2024	1:28:49 PM	Kapurthala	Bholath	Nadala	Begowal	10	Begowal Kapurthala
84	31.591270	75.526730	8	24.6	npp	5/5/2024	1:28:49 PM	Kapurthala	Bholath	Nadala	Begowal	10	Begowal Kapurthala
85	31.591870	75.530770	8	44.4	npp	5/5/2024	1:28:49 PM	Kapurthala	Bholath	Nadala	Begowal	10	Begowal Kapurthala
86	31.626430	75.511290	9	100.8	npp	5/5/2024	1:28:49 PM	Kapurthala	Bholath	Nadala	Begowal	10	Begowal Kapurthala
87	31.541000	75.568000	62	36.8	mod	5/5/2024	3:36:12 AM	Kapurthala	Bholath	Nadala	Boparia	132	Bholath Kapurthala
88	31.633000	75.500000	77	20.2	mod	5/5/2024	2:28:21 PM	Kapurthala	Bholath	Nadala	Firosan gowal	23	Begowal Kapurthala
89	31.621320	75.499820	8	9.1	npp	5/5/2024	1:28:49 PM	Kapurthala	Bholath	Nadala	Firosan gowal	23	Begowal Kapurthala
90	31.557290	75.550250	8	15.5	npp	5/5/2024	1:28:49 PM	Kapurthala	Bholath	Nadala	Jhal Bajaj	14	Bholath Kapurthala
91	31.551540	75.551220	8	2.9	npp	5/5/2024	2:19:32 AM	Kapurthala	Bholath	Nadala	Jhal Bajaj	14	Bholath Kapurthala
92	31.558140	75.552660	8	33.1	npp	5/5/2024	2:19:32 AM	Kapurthala	Bholath	Nadala	Jhal Bajaj	14	Bholath Kapurthala
93	31.554840	75.551940	9	33.1	npp	5/5/2024	2:19:32 AM	Kapurthala	Bholath	Nadala	Jhal Bajaj	14	Bholath Kapurthala
94	31.579040	75.547550	8	2.7	npp	5/5/2024	2:19:32 AM	Kapurthala	Bholath	Nadala	Karnail ganj	13	Bholath Kapurthala

95	31.578400	75.551570	8	1.6	npp	5/5/2024	2:19:32 AM	Kapurthala	Bholath	Nadala	Karnail ganj	13	Bholath Kapurthala
96	31.587650	75.548290	8	6.4	npp	5/5/2024	1:28:49 PM	Kapurthala	Bholath	Nadala	Nadali	11	Begowal Kapurthala
97	31.584340	75.548960	8	6.9	npp	5/5/2024	1:28:49 PM	Kapurthala	Bholath	Nadala	Nadali	11	Begowal Kapurthala
98	31.595540	75.551140	8	1.8	npp	5/5/2024	2:19:32 AM	Kapurthala	Bholath	Nadala	Nadali	11	Begowal Kapurthala
99	31.582340	75.548270	8	0.4	npp	5/5/2024	2:19:32 AM	Kapurthala	Bholath	Nadala	Nadali	11	Begowal Kapurthala
100	31.318000	75.317000	44	13.7	mod	5/5/2024	2:28:21 PM	Kapurthala	Kapurthala	Kapurthala	Husainpur	123	Sultanpur Lodhi Kapurthala
101	30.943000	75.515000	63	17.2	mod	5/5/2024	2:28:21 PM	Ludhiana	Jagraon	Sidhwan Bet	Sekh Kutab	22	Sidhwan Bet Ludhiana Rural
102	30.948000	75.519000	65	21.2	mod	5/5/2024	10:14:50 AM	Ludhiana	Jagraon	Sidhwan Bet	Sekh Kutab	22	Sidhwan Bet Ludhiana Rural
103	30.953000	75.514000	84	37.0	mod	5/5/2024	2:28:21 PM	Ludhiana	Jagraon	Sidhwan Bet	Sekh Kutab	22	Sidhwan Bet Ludhiana Rural
104	30.978470	76.007830	8	12.5	npp	5/5/2024	1:28:49 PM	Ludhiana	Ludhiana East	Ludhiana 2	Machhian Kalan	41	Kum Kalan Ludhiana City
105	30.604000	75.677000	69	21.3	mod	5/5/2024	10:14:50 AM	Ludhiana	Raikot	Raikot	Johlan	89	Sadar Raikot Ludhiana Rural
106	30.60100	75.683000	62	13.5	mod	5/5/2024	10:14:5	Malerkotla	Ahmedg	Ahmedg	Jalwan	3	Sandaaur

	0						0 AM		dgarh	arh	a		Malerkotla
107	30.668370	75.876390	8	4.7	npp	5/5/2024	1:28:49 PM	Malerkotla	Ahmedgarh	Ahmedgarh	Momanabad	20	Sadar Ahmedgarh Malerkotla
108	29.881000	75.736000	65	14.2	mod	5/5/2024	2:28:21 PM	Mansa	Budhlada	Budhlada	Akbarpur Khudal	171	Bareta Mansa
109	29.879000	75.722000	74	21.6	mod	5/5/2024	2:28:21 PM	Mansa	Budhlada	Budhlada	Akbarpur Khudal	171	Bareta Mansa
110	30.067300	75.612210	8	9.3	npp	5/5/2024	1:28:49 PM	Mansa	Mansa	Bhikhi	Bir Khurd	27	Bhikhi Mansa
111	30.186930	75.444610	8	0.4	npp	5/5/2024	2:19:32 AM	Mansa	Mansa	Bhikhi	Joga	8	Joga Mansa
112	29.974000	75.479000	70	25.8	mod	5/5/2024	10:14:50 AM	Mansa	Mansa	Bhikhi	Phapre Bhaikhe	46	Bhikhi Mansa
113	29.919050	75.306910	8	13.0	npp	5/5/2024	1:28:49 PM	Mansa	Sardulgarh	Jhunir	Chhapanwali	108	Sadar Mansa
114	29.896000	75.237000	64	19.4	mod	5/5/2024	10:14:50 AM	Mansa	Sardulgarh	Jhunir	Raipur	94	Jaurkian Mansa
115	29.742270	75.345590	8	12.0	npp	5/5/2024	1:28:49 PM	Mansa	Sardulgarh	Sardulgarh	Jhandke	170	Jhunir Mansa
116	30.500000	75.030000	62	10.5	mod	5/5/2024	2:28:21 PM	Moga	Bagha Purana	Bagha Purana	Wander	123	Samalsar Moga
117	30.846750	74.948380	8	6.6	npp	5/5/2024	1:28:49 PM	Moga	Moga	Moga 2	Darapur	3	Sadar Moga
118	30.854370	74.975690	8	16.5	npp	5/5/2024	1:28:49 PM	Moga	Moga	Moga 2	Mehsari	7	Sadar Moga
119	30.845240	74.998180	8	1.6	npp	5/5/2024	2:19:32 AM	Moga	Moga	Moga 2	Mehsari	7	Sadar Moga
120	30.62749	75.243330	8	5.4	npp	5/5/2024	1:28:49	Moga	Nihal	Nihal	Khote	152	Nihal Singh

	0						PM		Singh	Singh			Wala Moga
121	30.368500	74.600110	8	3.5	npp	5/5/2024	1:28:49 PM	Muktsar	Gidderbaha	Kot Bhai At Gidderbaha	Doda	75	Kotbhai Sri Muktsar Sahib
122	29.914000	74.623000	67	13.7	mod	5/5/2024	2:28:21 PM	Muktsar	Malot	Lambi	Waring Khera	15	Lambi Sri Muktsar Sahib
123	30.365000	74.570000	60	13.2	mod	5/5/2024	2:28:21 PM	Muktsar	Muktsar	Kot Bhai At Gidderbaha	Sotha	35	Sadar Sri Muktsar Sahib
124	32.305630	75.440220	8	43.2	npp	5/5/2024	1:28:49 PM	Pathankot	Pathankot	Narot Jaimal Singh	Fateh Pur	21	Narot Jaimal Singh, Pathankot
125	32.200650	75.624540	8	3.9	npp	5/5/2024	1:28:49 PM	Pathankot	Pathankot	Pathankot	Nashera Nalbandan	319	Div No.2, Pathankot
126	30.510000	76.248000	70	22.2	mod	5/5/2024	10:14:50 AM	Patiala	Nabha	Nabha	Bhadson	141	Bhadson Patiala
127	30.313430	76.174920	8	6.5	npp	5/5/2024	1:28:49 PM	Patiala	Nabha	Nabha	Dharoki	193	Sadar Nabha Patiala
128	30.156000	76.472000	76	26.5	mod	5/5/2024	2:28:21 PM	Patiala	Patiala	Bhunarheri	Badli	220	Julkan Patiala
129	30.154080	76.465280	8	1.3	npp	5/5/2024	2:19:32 AM	Patiala	Patiala	Bhunarheri	Bhasmara	226	Julkan Patiala
130	30.159000	76.462000	75	25.5	mod	5/5/2024	10:14:50 AM	Patiala	Patiala	Bhunarheri	Daulatpur Faqrian	221	Julkan Patiala

131	30.158130	76.461920	8	1.3	npp	5/5/2024	2:19:32 AM	Patiala	Patiala	Bhunarheri	Daulatpur Faqriyan	221	Julkan Patiala
132	30.154780	76.461170	8	1.3	npp	5/5/2024	2:19:32 AM	Patiala	Patiala	Bhunarheri	Durd	222	Julkan Patiala
133	30.194530	76.499740	8	5.4	npp	5/5/2024	1:28:49 PM	Patiala	Patiala	Bhunarheri	Guth Mera	146	Julkan Patiala
134	30.182970	76.458950	8	0.5	npp	5/5/2024	2:19:32 AM	Patiala	Patiala	Bhunarheri	Shadipur	219	Julkan Patiala
135	30.304660	76.491460	8	3.7	npp	5/5/2024	1:28:49 PM	Patiala	Patiala	Sanaur	Bir Sanaur	121	Sanour Patiala
136	30.159150	76.349050	8	11.6	npp	5/5/2024	1:28:49 PM	Patiala	Patiala	Sanaur	Nanansu	25	Sadar Patiala
137	30.163630	76.356450	8	8.4	npp	5/5/2024	1:28:49 PM	Patiala	Patiala	Sanaur	Nanansu	25	Sadar Patiala
138	30.296000	76.527000	73	21.7	mod	5/5/2024	2:28:21 PM	Patiala	Patiala	Sanaur	Rathian	123	Sanour Patiala
139	30.299880	76.529860	8	14.0	npp	5/5/2024	1:28:49 PM	Patiala	Patiala	Sanaur	Rathian	123	Sanour Patiala
140	30.297120	76.534550	9	10.6	npp	5/5/2024	1:28:49 PM	Patiala	Patiala	Sanaur	Rathian	123	Sanour Patiala
141	30.125000	76.338000	67	16.0	mod	5/5/2024	10:14:50 AM	Patiala	Patiala	Sanaur	Sassa Gujran	190	Passiana Patiala
142	29.855660	76.236910	8	3.9	npp	5/5/2024	1:28:49 PM	Patiala	Patran	Patran	Bahar Jachh	204	Patran Patiala
143	29.942270	76.008440	8	0.4	npp	5/5/2024	2:19:32 AM	Patiala	Patran	Patran	Hariyokhurd	161	Patran Patiala
144	29.847050	76.132030	8	11.1	npp	5/5/2024	1:28:49 PM	Patiala	Patran	Patran	Kangthala	209	Patran Patiala
145	29.853670	76.130740	8	7.7	npp	5/5/2024	1:28:49 PM	Patiala	Patran	Patran	Kangthala	209	Patran Patiala

146	29.850360	76.131390	8	11.1	npp	5/5/2024	1:28:49 PM	Patiala	Patran	Patran	Kangthala	209	Patran Patiala
147	30.182000	76.111000	68	17.0	mod	5/5/2024	10:14:50 AM	Patiala	Samana	Samana	Gajewas	93	Sadar Samana Patiala
148	30.217000	76.223000	66	14.3	mod	5/5/2024	10:14:50 AM	Patiala	Samana	Samana	Mial Kalan	83	Sadar Samana Patiala
149	30.184720	76.080340	8	5.6	npp	5/5/2024	1:28:49 PM	Patiala	Samana	Samana	Talwandi Malik	94	Sadar Samana Patiala
150	31.209380	76.457870	8	10.5	npp	5/5/2024	1:28:49 PM	Rupnagar	Anandpur Sahib	Nurpur Bedi	Bhaini	382	Nurpur Bedi Rupnagar
151	31.279170	76.356200	8	3.2	npp	5/5/2024	1:28:49 PM	Rupnagar	Nangal	Anandpur Sahib	Bhalan	273	Nangal Rupnagar
152	31.026020	76.568070	8	6.7	npp	5/5/2024	1:28:49 PM	Rupnagar	Rupnagar	Rupnagar	Rattanpura	14	Sadar Rupnagar
153	30.312000	76.073000	69	17.5	mod	5/5/2024	10:14:50 AM	Sangrur	Bhawanigarh	Bhawani garh	Bakhtari	17	Bhawanigarh Sangrur
154	29.818860	75.932090	8	0.6	npp	5/5/2024	2:19:32 AM	Sangrur	Moonak	Andana	Makarod	104	Moonak Sangrur
155	29.816210	75.927340	8	0.6	npp	5/5/2024	2:19:32 AM	Sangrur	Moonak	Andana	Makarod	104	Moonak Sangrur
156	29.840830	75.903500	8	1.5	npp	5/5/2024	2:19:32 AM	Sangrur	Moonak	Andana	Surjan Bhaini	103	Moonak Sangrur
157	30.149000	75.592000	73	20.0	mod	5/5/2024	2:28:21 PM	Sangrur	Sangrur	Sangrur	Dayalgarh	78	Longowal Sangrur
158	30.142000	75.621000	89	51.2	mod	5/5/2024	2:28:21 PM	Sangrur	Sangrur	Sangrur	Togawal	76	Longowal Sangrur
159	30.092370	75.893350	8	5.2	npp	5/5/2024	1:28:49 PM	Sangrur	Sunam	Dirba	Ratolana	32	Chhajli Sangrur

160	30.724120	76.557340	8	2.6	npp	5/5/2024	2:19:32 AM	SAS Nagar	Khara r	Kharar	Rora	369	Kharar Mohali
161	30.695700	76.645410	8	6.8	npp	5/5/2024	1:28:49 PM	SAS Nagar	Khara r	Kharar	Sawara	45	Sohana Mohali
162	30.993720	76.184040	8	11.3	npp	5/5/2024	1:28:49 PM	SBS Nagar	Nawa n Shahr	Nawan Shahr	Bahlur Khurd	256	Rahon Sbs Nagar
163	31.318000	74.624000	72	14.5	mod	5/5/2024	2:28:21 PM	Tarn Taran	Patti	Bhikhiwi nd	Mari Kambo ke	68	Khalra
164	31.200000	74.570000	92	52.3	mod	5/5/2024	2:28:21 PM	Tarn Taran	Patti	Valtoha	Bhura Karimp ura	80	Khem Karan
165	31.199000	74.557000	92	52.1	mod	5/5/2024	2:28:21 PM	Tarn Taran	Patti	Valtoha	Bhura Karimp ura	80	Khem Karan
166	31.191000	74.664000	69	11.4	mod	5/5/2024	2:28:21 PM	Tarn Taran	Patti	Valtoha	Dasuw al	124	Valtoha
167	31.156000	74.558000	84	29.3	mod	5/5/2024	2:28:21 PM	Tarn Taran	Patti	Valtoha	Khem Karan	55	Khem Karan
168	31.501000	74.622000	71	15.1	mod	5/5/2024	2:28:21 PM	Tarn Taran	Tarn Taran	Gandiwi nd Tatla	Naush ehra	177	Sarai Amanat Khan

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

S. No.	Satellite Name	Sensor	Resolution (m)	Day/Night Passses
1	Suomi NPP	VIIRS	375	Both

2	Terra	MODIS	1000	Both
3	Aqua	MODIS	1000	Both

The Wheat mask for the States was provided by MNCFC, MoA&FW, Govt. of India

GIS Maps of fire events can be visualized online on Crop Residue Burning (CRB) Information and Management System of **Punjab Remote Sensing Centre**, Ludhiana by following the link: <http://202.164.39.172/residue/Index.aspx>