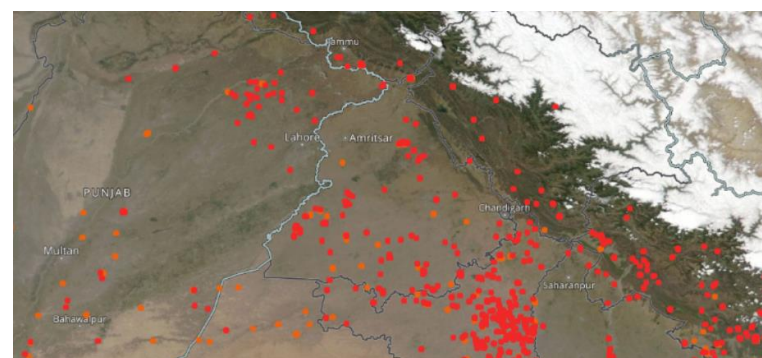


# MONITORING WHEAT RESIDUE BURNING IN PUNJAB USING GEOSPATIAL TECHNOLOGIES 2024



*Prepared By:*  
**Punjab Remote Sensing Centre, Ludhiana, Punjab**  
for  
**Punjab Pollution Control Board, Patiala, Punjab**



### Highlights for 06 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 **133** incidents in the Punjab State on 06 May 2024.

### District-wise Active Fire Events in Punjab

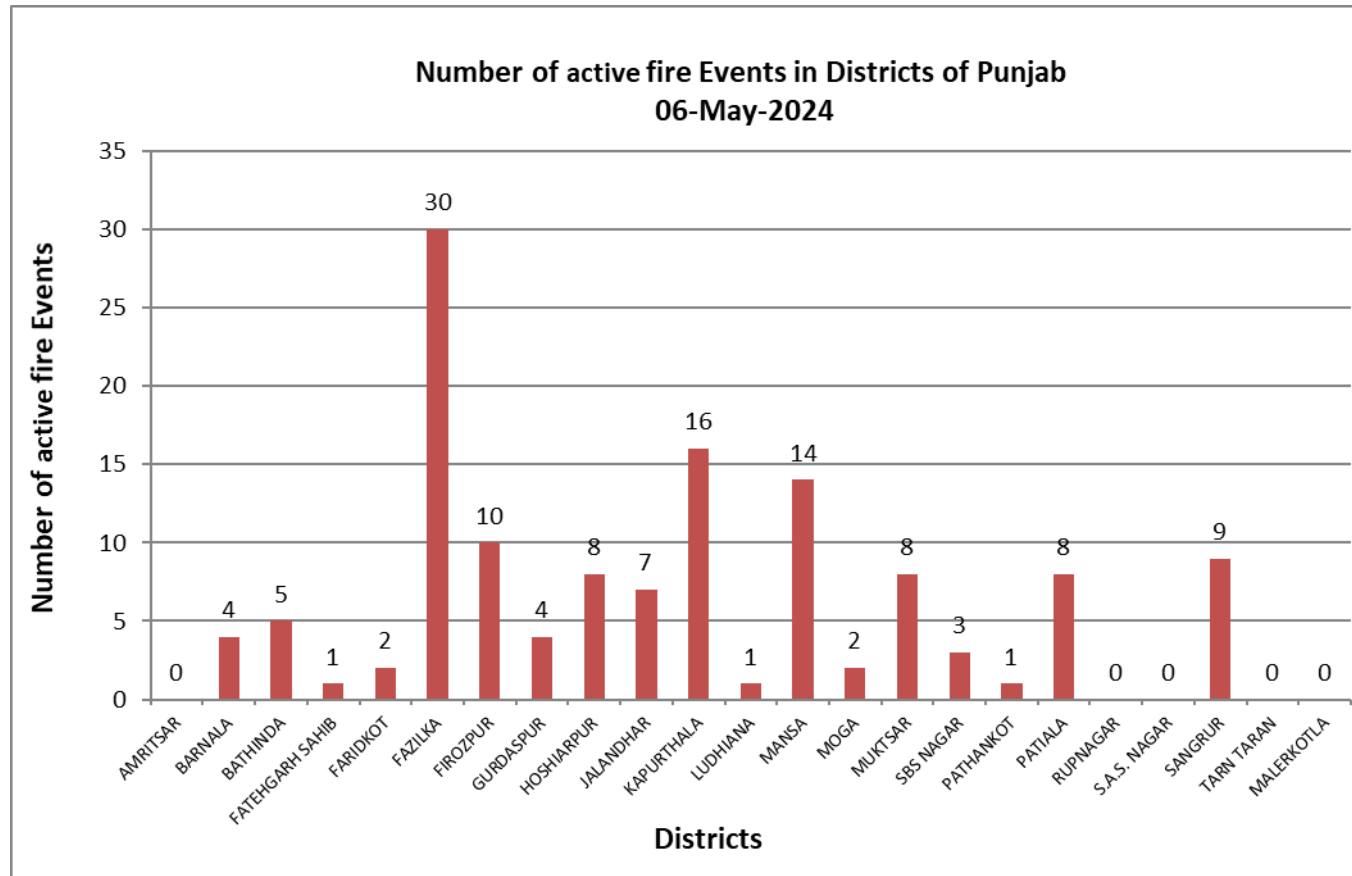
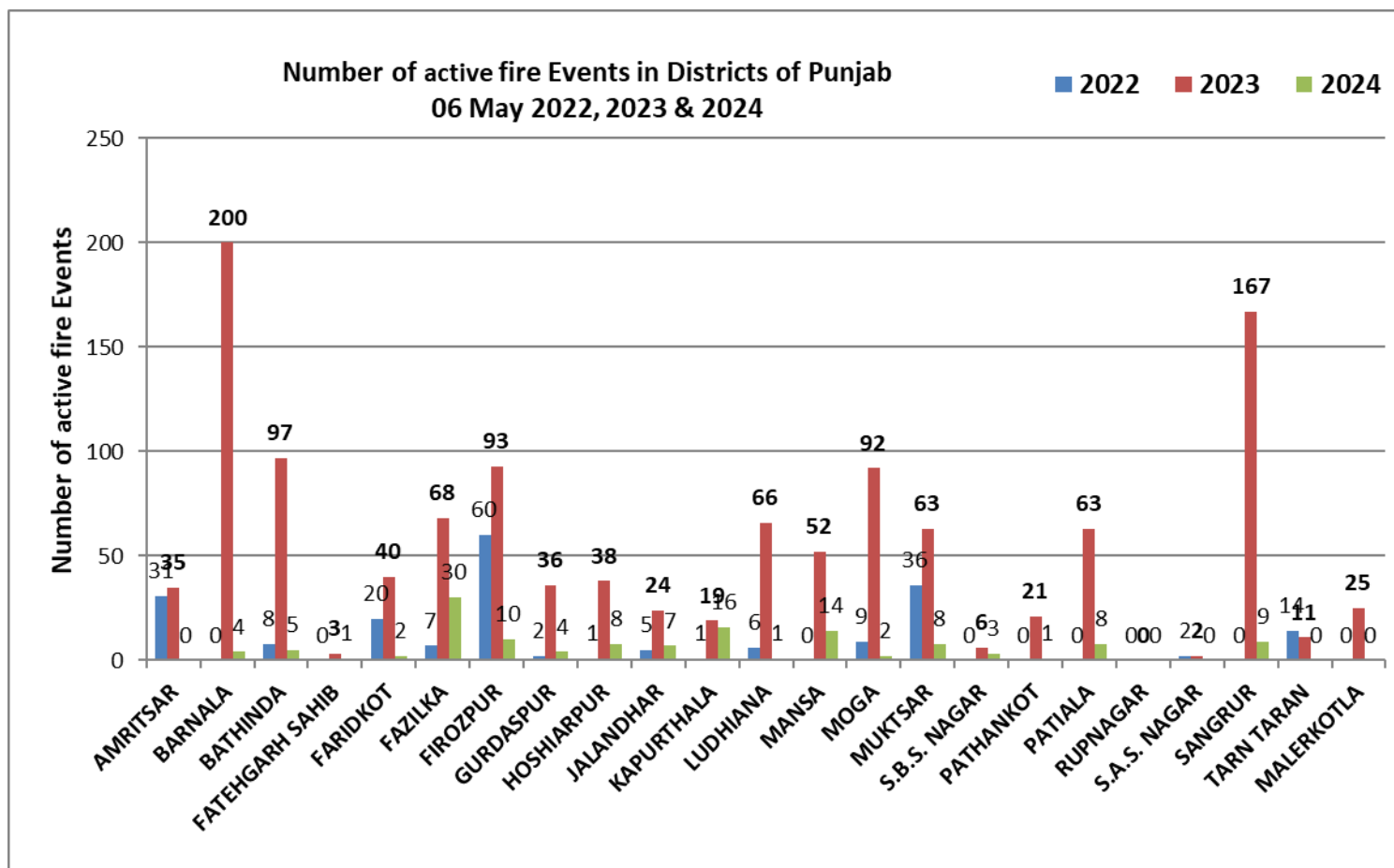


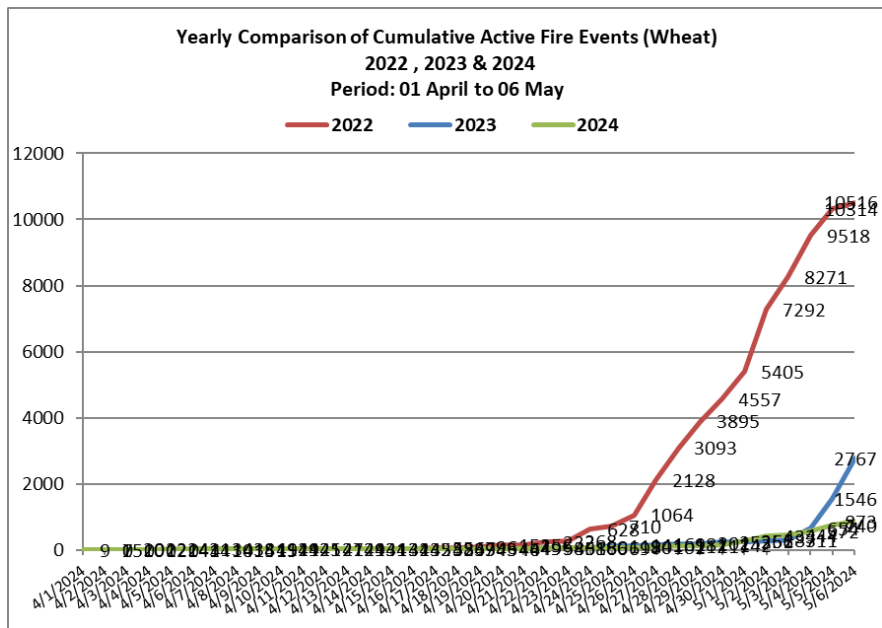
Fig. 1. District-wise fire incidents (Total events = 133) captured by Satellite in Punjab on 06 May 2024

On May, 06 2024, 133 active fire incidents were captured by the Satellite in state of Punjab.

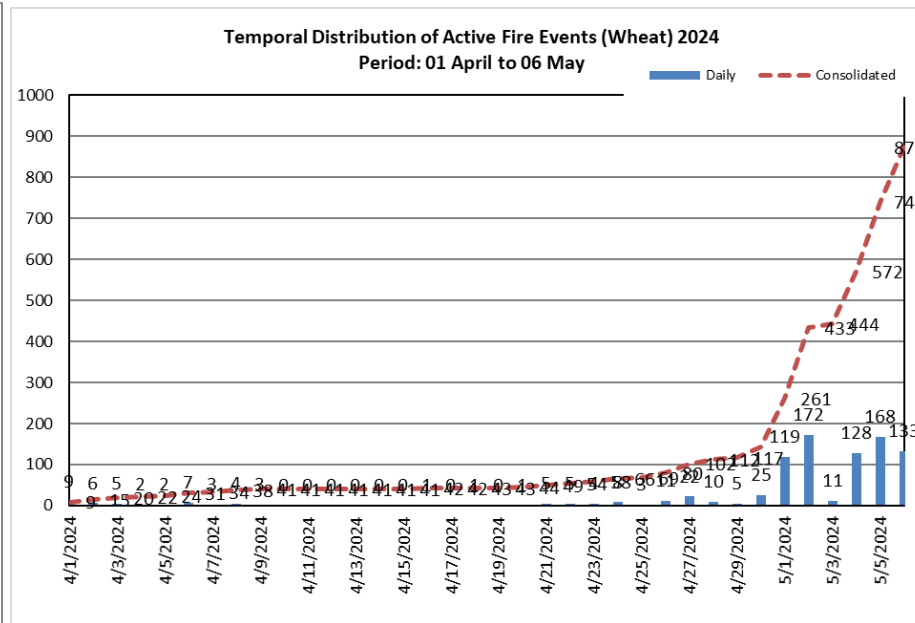


**Fig 2 : District-wise comparison of fire incidents captured in Punjab on 06 May 2022, 2023 & 2024**

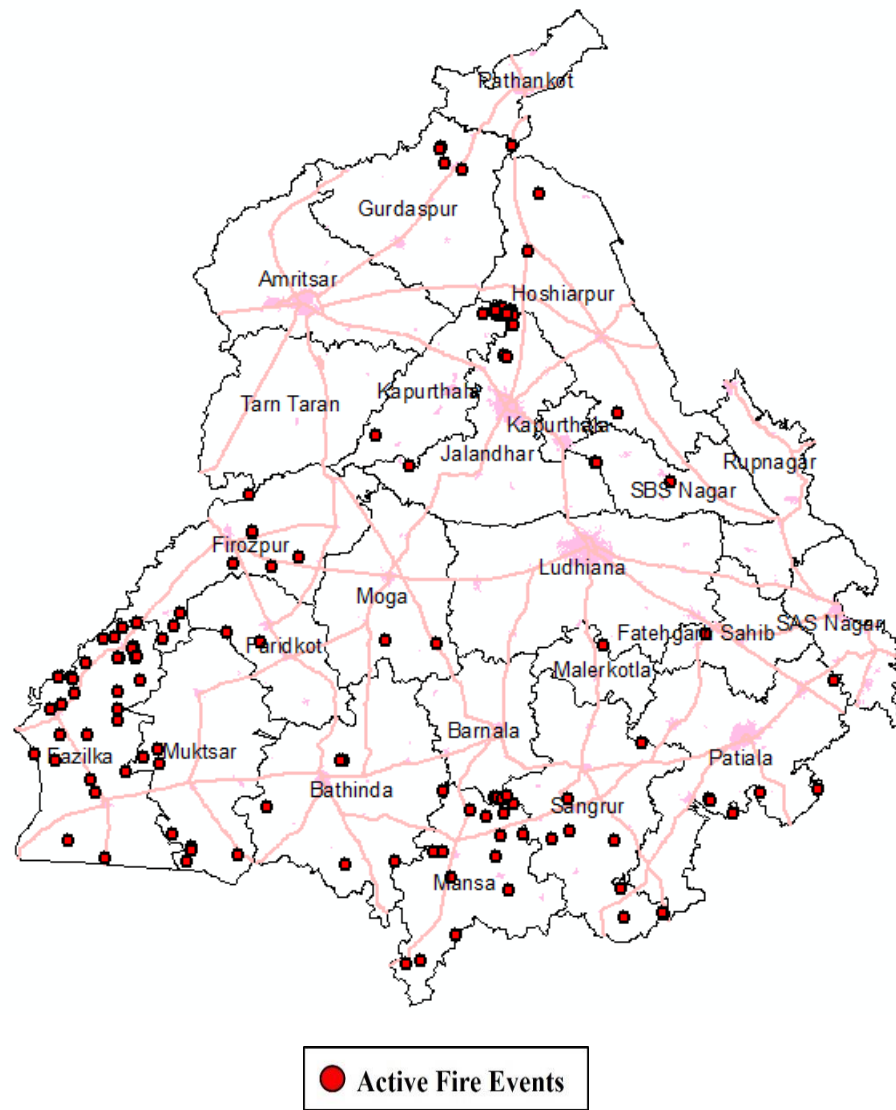
On May, 06 2024, **133** active fire events were captured by the Satellite in state of Punjab. Whereas on the same day (i.e. May 06), in the year 2022, **202** active fire events were captured and in the year 2023 there were **1221** active fire events in state of Punjab.



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



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



**Map.1. Active fire locations detected in Punjab on 06 May 2024 by Satellite**

Table.1. Active fire locations detected in Punjab on 06 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	30.163000	75.529000	58	14.5	mod	5/6/2024	10:55:32 AM	Barnala	Tapa	Barnala	Kot Duna	80	Dhanaula Barnala
2	30.161000	75.543000	76	18.9	mod	5/6/2024	10:55:32 AM	Barnala	Tapa	Barnala	Kot Duna	80	Dhanaula Barnala
3	30.156000	75.571000	43	19.1	mod	5/6/2024	10:55:32 AM	Barnala	Tapa	Barnala	Rajia	79	Dhanaula Barnala
4	30.158000	75.557000	49	13.0	mod	5/6/2024	10:55:32 AM	Barnala	Tapa	Barnala	Rajia	79	Dhanaula Barnala
5	30.273000	75.012000	36	11.6	mod	5/6/2024	10:55:32 AM	Bathinda	Bathinda	Nathana	Gobind pura	176	Nathana Bathinda
6	30.275000	75.005000	69	12.3	mod	5/6/2024	10:55:32 AM	Bathinda	Bathinda	Nathana	Gobind pura	176	Nathana Bathinda
7	30.135540	74.750290	8	15.3	npp	5/6/2024	1:10:36 PM	Bathinda	Bathinda	Sangat	Bajk	87	Nandgarh Bathinda
8	30.183310	75.356730	8	9.5	npp	5/6/2024	1:10:36 PM	Bathinda	Rampura Phul	Rampura	Chowkey	450	Sadar Rampura Bathinda
9	29.964470	75.019710	8	13.6	npp	5/6/2024	1:10:36 PM	Bathinda	Talwandi Sabo	Talwandi Sabo	Jajjal	35	Raman Bathinda
10	30.655180	74.612570	8	16.2	npp	5/6/2024	1:10:36 PM	Faridkot	Faridkot	Faridkot	Dhab Sher	63	Sadiq Faridkot
11	30.624700	74.729030	8	17.3	npp	5/6/2024	1:10:36 PM	Faridkot	Faridkot	Faridkot	Machaki Mal	97	Sadar Kotkapura Faridkot
12	30.646270	76.261890	8	9.7	npp	5/6/2024	1:10:36 PM	Fatehgarh Sahib	Amloh	Amloh	Tooran	4	Gobindgarh Fatehgarh

													Sahib
13	30.176430	74.162740	8	10.1	npp	5/6/2024	1:10:36 PM	Fazilka	Abohar	Abohar	Abohar	121	City-1 Abohar
14	30.235310	74.267650	8	4.5	npp	5/6/2024	1:10:36 PM	Fazilka	Abohar	Abohar	Dharan g Wala	135	Sadar Abohar
15	29.978490	74.195740	8	1.0	npp	5/6/2024	2:00:36 AM	Fazilka	Abohar	Abohar	Raj Pura	75	Bahaw Wala Fazilka
16	30.030800	74.069560	8	6.5	npp	5/6/2024	1:10:36 PM	Fazilka	Abohar	Abohar	Waryam Khera	87	Bahaw Wala Fazilka
17	30.422650	74.236000	8	5.5	npp	5/6/2024	1:10:36 PM	Fazilka	Fazilka	Arniwala Sheikh Subanpur	Aliana	208	Arniwala Fazilka
18	30.389100	74.236360	8	4.7	npp	5/6/2024	1:10:36 PM	Fazilka	Fazilka	Arniwala Sheikh Subanpur	Mahun wali Bodla	205	Arniwala Fazilka
19	30.347660	74.135640	8	8.4	npp	5/6/2024	1:10:36 PM	Fazilka	Fazilka	Arniwala Sheikh Subanpur	Shajrana	239	Khui Khera Fazilka
20	30.345320	74.040530	8	6.4	npp	5/6/2024	1:10:36 PM	Fazilka	Fazilka	Fazilka	Jandwala Khartra	243	Khui Khera Fazilka
21	30.434130	74.044520	8	10.5	npp	5/6/2024	1:10:36 PM	Fazilka	Fazilka	Fazilka	Miani Basti	293	Sadar Fazilka
22	30.421620	74.004140	8	15.0	npp	5/6/2024	1:10:36 PM	Fazilka	Fazilka	Fazilka	Salem Shah	294	Sadar Fazilka
23	30.472350	74.086530	8	10.8	npp	5/6/2024	1:10:36 PM	Fazilka	Fazilka	Fazilka	Theh Qalend	224	Sadar Fazilka



											er		
24	30.519000	74.035000	71	11.9	mod	5/6/2024	10:55:32 AM	Fazilka	Fazilka	Fazilka	Wali Shah	316	Sadar Fazilka
25	30.517360	74.078870	8	16.8	npp	5/6/2024	1:10:36 PM	Fazilka	Fazilka	Jalalabad	Lakhe Wal	312	Sadar Fazilka
26	30.513340	74.079930	8	16.8	npp	5/6/2024	1:10:36 PM	Fazilka	Fazilka	Jalalabad	Lakhe Wal	312	Sadar Fazilka
27	30.215040	74.143840	8	7.6	npp	5/6/2024	1:10:36 PM	Fazilka	Fazilka	Khuian Sarwar	Danger Khera	131	Sadar Abohar
28	30.270660	74.024610	8	6.3	npp	5/6/2024	1:10:36 PM	Fazilka	Fazilka	Khuian Sarwar	Lukho Wali	252	Khui Khera Fazilka
29	30.286440	73.954110	8	7.1	npp	5/6/2024	1:10:36 PM	Fazilka	Fazilka	Khuian Sarwar	Sauna Urf	259	Sadar Fazilka
30	30.665940	74.253650	8	18.5	npp	5/6/2024	1:10:36 PM	Fazilka	Jalalabad	Guruhar Sahai	Badal Ke	333	Amir Khas Fazilka
31	30.610440	74.289440	8	4.8	npp	5/6/2024	1:10:36 PM	Fazilka	Jalalabad	Guruhar Sahai	Chak Kath	190	Amir Khas Fazilka
32	30.606220	74.285890	8	1.1	npp	5/6/2024	2:00:36 AM	Fazilka	Jalalabad	Guruhar Sahai	Chak Kath	190	Amir Khas Fazilka
33	30.577450	74.297810	8	3.9	npp	5/6/2024	1:10:36 PM	Fazilka	Jalalabad	Guruhar Sahai	Suwah Wala	192	City Jalalabad
34	30.582200	74.300760	9	10.0	npp	5/6/2024	1:10:36 PM	Fazilka	Jalalabad	Guruhar Sahai	Suwah Wala	192	City Jalalabad
35	30.510030	74.315670	9	11.2	npp	5/6/2024	1:10:36 PM	Fazilka	Jalalabad	Jalalabad	Chak Jand	212	Vairo Ke Fazilka
36	30.560250	74.124080	8	9.9	npp	5/6/2024	1:10:36 PM	Fazilka	Jalalabad	Jalalabad	Chak Kniwa	368	Sadar Jalalabad
37	30.477970	74.239560	8	13.3	npp	5/6/2024	1:10:36 PM	Fazilka	Jalalabad	Jalalabad	Chak Pali	221	Vairo Ke Fazilka
38	30.574350	74.239440	8	16.1	npp	5/6/2024	1:10:36 PM	Fazilka	Jalalabad	Jalalabad	Chak Ram	201	Vairo Ke Fazilka
39	30.63169	74.186420	8	16.1	npp	5/6/2024	1:10:36	Fazilka	Jalala	Jalalaba	Dhani	257	Sadar

	0						PM		bad	d	Kadim		Jalalabad
40	30.574470	74.235590	8	38.9	npp	5/6/2024	1:10:36 PM	Fazilka	Jalalabad	Jalalabad	Jalalabad	196	City Jalalabad
41	30.638920	74.222760	8	6.8	npp	5/6/2024	1:10:36 PM	Fazilka	Jalalabad	Jalalabad	Mohkam Arain	260	Sadar Jalalabad
42	30.639720	74.226780	8	6.8	npp	5/6/2024	1:10:36 PM	Fazilka	Jalalabad	Jalalabad	Mohkam Arain	260	Sadar Jalalabad
43	30.860800	74.630810	8	10.4	npp	5/6/2024	1:10:36 PM	Firozpur	Firozpur	Firozpur	Jokhari	215	Kulgarhi Ferozepur
44	31.062730	74.689050	8	21.7	npp	5/6/2024	1:10:36 PM	Firozpur	Firozpur	Firozpur	Mastek	36	Arif Ke Ferozepur
45	30.951060	74.696940	8	3.6	npp	5/6/2024	1:10:36 PM	Firozpur	Firozpur	Ghall Khurd	Haste Wala	122	Kulgarhi Ferozepur
46	30.954920	74.695920	9	105.4	npp	5/6/2024	1:10:36 PM	Firozpur	Firozpur	Ghall Khurd	Haste Wala	122	Kulgarhi Ferozepur
47	30.850880	74.766790	9	16.3	npp	5/6/2024	1:10:36 PM	Firozpur	Firozpur	Ghall Khurd	Shakoor	195	Ghall Khurd Ferozepur
48	30.708580	74.449760	8	9.1	npp	5/6/2024	1:10:36 PM	Firozpur	Guruhar Sahai	Guruhar Sahai	Guru Har	162	Guru Harsahai Ferozepur
49	30.671380	74.428630	8	40.3	npp	5/6/2024	1:10:36 PM	Firozpur	Guruhar Sahai	Guruhar Sahai	Guru Har	162	Guru Harsahai Ferozepur
50	30.636000	74.390000	91	38.5	mod	5/6/2024	10:55:32 AM	Firozpur	Guruhar Sahai	Guruhar Sahai	Jhari Wala	180	Guru Harsahai Ferozepur
51	30.683310	74.299540	8	23.1	npp	5/6/2024	1:10:36 PM	Firozpur	Guruhar Sahai	Guruhar Sahai	Khere Ke	284	Guru Harsahai Ferozepur

52	30.87700 0	74.860080	8	18.0	npp	5/6/2024	1:10:36 PM	Firozpur	Talwandi Bhai	Ghall Khurd	Sulhani	162	Talwandi Bhai Firozepur
53	32.09900 0	75.356000	79	64.6	mod	5/6/2024	1:31:37 PM	Gurdaspur	Gurdaspur	Dorangala	Sadda	190	Dorangla Gurdaspur
54	32.05113 0	75.366890	8	41.1	npp	5/6/2024	1:10:36 PM	Gurdaspur	Gurdaspur	Gurdaspur	Hemraj Pur	241	Sadar Gurdaspur
55	32.03242 0	75.430610	8	18.3	npp	5/6/2024	1:10:36 PM	Gurdaspur	Gurdaspur	Gurdaspur	Pahra	357	Tibber Gurdaspur
56	32.09700 0	75.349000	78	52.2	mod	5/6/2024	1:31:37 PM	Gurdaspur	Gurdaspur	Gurdaspur	Seikha	192	Dorangla Gurdaspur
57	31.78872 0	75.654790	8	3.2	npp	5/6/2024	1:10:36 PM	Hoshiarpur	Dasuya	Dasuya	Khera Kotli	113	Dasuya Hoshiarpur
58	31.61198 0	75.601340	8	8.9	npp	5/6/2024	1:10:36 PM	Hoshiarpur	Dasuya	Tanda	Kalyan pur	1	Tanda Hoshiarpur
59	31.61000 0	75.586000	98	87.8	mod	5/6/2024	10:55:3 2 AM	Hoshiarpur	Dasuya	Tanda	Talwandi Dadian	549	Tanda Hoshiarpur
60	31.61181 0	75.580180	8	7.6	npp	5/6/2024	1:10:36 PM	Hoshiarpur	Dasuya	Tanda	Talwandi Dadian	549	Tanda Hoshiarpur
61	31.61277 0	75.585240	8	7.6	npp	5/6/2024	1:10:36 PM	Hoshiarpur	Dasuya	Tanda	Talwandi Dadian	549	Tanda Hoshiarpur
62	31.61102 0	75.596280	9	15.8	npp	5/6/2024	1:10:36 PM	Hoshiarpur	Dasuya	Tanda	Talwandi Dadian	549	Tanda Hoshiarpur
63	31.30351 0	75.965600	8	11.8	npp	5/6/2024	1:10:36 PM	Hoshiarpur	Garh Shankar	Mahilpur	Bhagtu pur	88	Mahilpur Hoshiarpur
64	31.96300 0	75.695000	80	13.6	mod	5/6/2024	10:55:3 2 AM	Hoshiarpur	Mukerian	Hajipur	Mori Chak	293	Hajipur Hoshiarpur

65	31.570250	75.602430	8	0.8	npp	5/6/2024	2:00:36 AM	Jalandhar	Jalandhar li	Bhogpur	Bhatnura Lubana	14	Bhogpur Jalandhar Rural
66	31.569610	75.607680	8	0.8	npp	5/6/2024	2:00:36 AM	Jalandhar	Jalandhar li	Bhogpur	Bhatnura Lubana	14	Bhogpur Jalandhar Rural
67	31.601020	75.604120	8	10.4	npp	5/6/2024	1:10:36 PM	Jalandhar	Jalandhar li	Bhogpur	Khojpur	13	Bhogpur Jalandhar Rural
68	31.599710	75.607310	8	9.1	npp	5/6/2024	1:10:36 PM	Jalandhar	Jalandhar li	Bhogpur	Khojpur	13	Bhogpur Jalandhar Rural
69	31.478000	75.570000	64	10.1	mod	5/6/2024	10:55:32 AM	Jalandhar	Jalandhar li	Jalandhar West	Chakrala	346	Kartarpur Jalandhar Rural
70	31.476000	75.583000	70	12.7	mod	5/6/2024	10:55:32 AM	Jalandhar	Jalandhar li	Jalandhar West	Talwandi Bhilla	347	Kartarpur Jalandhar Rural
71	31.152680	75.240070	8	3.1	npp	5/6/2024	1:10:36 PM	Jalandhar	Shahkot	Lohian	Nawa Pind	189	Lohian Jalandhar Rural
72	31.597000	75.553000	63	54.7	mod	5/6/2024	1:31:37 PM	Kapurthala	Bholath	Nadala	Awan	2	Begowal Kapurthala
73	31.612000	75.572000	85	23.2	mod	5/6/2024	10:55:32 AM	Kapurthala	Bholath	Nadala	Awan	2	Begowal Kapurthala
74	31.608940	75.564990	8	17.3	npp	5/6/2024	1:10:36 PM	Kapurthala	Bholath	Nadala	Awan	2	Begowal Kapurthala
75	31.620790	75.563750	8	1.5	npp	5/6/2024	2:00:36 AM	Kapurthala	Bholath	Nadala	Awan	2	Begowal Kapurthala
76	31.624540	75.564380	8	3.6	npp	5/6/2024	2:00:36 AM	Kapurthala	Bholath	Nadala	Bariar	1	Begowal Kapurthala
77	31.598930	75.572850	8	13.3	npp	5/6/2024	1:10:36 PM	Kapurthala	Bholath	Nadala	Bassi	12	Begowal Kapurthala

78	31.597770	75.575990	9	15.7	npp	5/6/2024	1:10:36 PM	Kapurthala	Bholath	Nadala	Bassi	12	Begowal Kapurthala
79	31.610000	75.542000	87	111.0	mod	5/6/2024	1:31:37 PM	Kapurthala	Bholath	Nadala	Begowal	10	Begowal Kapurthala
80	31.611470	75.537770	8	69.7	npp	5/6/2024	1:10:36 PM	Kapurthala	Bholath	Nadala	Begowal	10	Begowal Kapurthala
81	31.605120	75.544710	8	12.3	npp	5/6/2024	1:10:36 PM	Kapurthala	Bholath	Nadala	Begowal	10	Begowal Kapurthala
82	31.612430	75.542840	9	69.7	npp	5/6/2024	1:10:36 PM	Kapurthala	Bholath	Nadala	Begowal	10	Begowal Kapurthala
83	31.604750	75.502130	8	10.1	npp	5/6/2024	1:10:36 PM	Kapurthala	Bholath	Nadala	Fatehgarh Sikkri	20	Begowal Kapurthala
84	31.600000	75.583000	88	33.9	mod	5/6/2024	10:55:32 AM	Kapurthala	Bholath	Nadala	Jaid	139	Begowal Kapurthala
85	31.603000	75.579000	93	201.5	mod	5/6/2024	1:31:37 PM	Kapurthala	Bholath	Nadala	Jaid	139	Begowal Kapurthala
86	31.604000	75.585000	95	235.9	mod	5/6/2024	1:31:37 PM	Kapurthala	Bholath	Nadala	Jaid	139	Begowal Kapurthala
87	31.240640	75.126470	8	13.4	npp	5/6/2024	1:10:36 PM	Kapurthala	Sultanpur Lodhi	Sultanpur Lodhi	Shahdullapur	112	Kabirpur Kapurthala
88	30.612000	75.907000	73	16.0	mod	5/6/2024	10:55:32 AM	Ludhiana	Payal	Maloud	Sohian	404	Maloud Khanna
89	29.986660	75.534100	8	16.1	npp	5/6/2024	1:10:36 PM	Mansa	Budhlada	Budhlada	Gurne Kalan	42	Bhikhi Mansa
90	30.053000	75.629000	72	15.5	mod	5/6/2024	10:55:32 AM	Mansa	Budhlada	Budhlada	Hiro Khurd	33	Sadar Budhlada Mansa
91	29.886000	75.578000	71	14.5	mod	5/6/2024	10:55:32 AM	Mansa	Budhlada	Budhlada	Kulana	227	City Budhlada Mansa

92	30.045000	75.554000	68	12.5	mod	5/6/2024	10:55:32 AM	Mansa	Mansa	Bhikhi	Bhikhi	20	Bhikhi Mansa
93	30.115000	75.562000	70	14.1	mod	5/6/2024	10:55:32 AM	Mansa	Mansa	Bhikhi	Khiva Kalan	21	Bhikhi Mansa
94	30.105000	75.501000	75	18.4	mod	5/6/2024	10:55:32 AM	Mansa	Mansa	Bhikhi	Matti	15	Bhikhi Mansa
95	30.125000	75.449000	72	15.4	mod	5/6/2024	10:55:32 AM	Mansa	Mansa	Bhikhi	Ralla	7	Joga Mansa
96	29.974000	75.190000	76	20.5	mod	5/6/2024	10:55:32 AM	Mansa	Mansa	Jhunir	Dhingar	134	Sadar Mansa
97	30.000490	75.357050	8	13.5	npp	5/6/2024	1:10:36 PM	Mansa	Mansa	Mansa	Khokhar Kalan	75	Sadar Mansa
98	29.923910	75.384180	8	16.4	npp	5/6/2024	1:10:36 PM	Mansa	Mansa	Mansa	Nangal	115	Sadar Mansa
99	30.001930	75.322680	8	11.2	npp	5/6/2024	1:10:36 PM	Mansa	Mansa	Mansa	Sada Singh	72	Sadar Mansa
100	29.751000	75.395000	77	21.9	mod	5/6/2024	10:55:32 AM	Mansa	Sardulgarh	Jhunir	Fatehpur	174	Jhunir Mansa
101	29.664830	75.227570	8	7.2	npp	5/6/2024	1:10:36 PM	Mansa	Sardulgarh	Sardulgarh	Jhanda Kalan	199	Sardulgarh Mansa
102	29.677650	75.278630	8	23.2	npp	5/6/2024	1:10:36 PM	Mansa	Sardulgarh	Sardulgarh	Kori Wara	196	Sardulgarh Mansa
103	30.630780	75.160680	8	11.7	npp	5/6/2024	1:10:36 PM	Moga	Nihal Singh	Bagha Purana	Manu Ke	105	Nihal Singh Wala Moga
104	30.621410	75.334040	8	1.3	npp	5/6/2024	2:00:36 AM	Moga	Nihal Singh	Nihal Singh	Baude	165	Badhni Kalan Moga
105	29.969730	74.475460	8	12.4	npp	5/6/2024	1:10:36 PM	Muktsar	Malot	Lambi	Bhitti Wala	24	Lambi Sri Muktsar Sahib
106	30.014990	74.492980	8	12.1	npp	5/6/2024	1:10:36 PM	Muktsar	Malot	Lambi	Fatuhi Khera	36	Lambi Sri Muktsar

													Sahib
107	30.052410	74.428660	8	5.1	npp	5/6/2024	1:10:36 PM	Muktsar	Malout	Lambi	Fulu Khera	44	Lambi Sri Muktsar Sahib
108	30.006260	74.491060	8	11.2	npp	5/6/2024	1:10:36 PM	Muktsar	Malout	Lambi	Roran Wali	23	Lambi Sri Muktsar Sahib
109	29.992890	74.652880	8	23.9	npp	5/6/2024	1:10:36 PM	Muktsar	Malout	Lambi	Singhe Wala	7	Lambi Sri Muktsar Sahib
110	30.261510	74.379500	8	4.6	npp	5/6/2024	1:10:36 PM	Muktsar	Malout	Malout	Bodi Wala	174	Kabarwala Sri Muktsar Sahib
111	30.280990	74.328170	8	7.2	npp	5/6/2024	1:10:36 PM	Muktsar	Malout	Malout	Mohlan	176	Kabarwala Sri Muktsar Sahib
112	30.303370	74.377090	8	4.2	npp	5/6/2024	1:10:36 PM	Muktsar	Malout	Malout	Sher Singh	187	Sadar Malout Sri Muktsar Sahib
113	32.106360	75.601810	8	14.2	npp	5/6/2024	1:10:36 PM	Pathankot	Pathankot	Pathankot	Khokher	286	Nangal Bhoor
114	30.174310	76.642690	8	0.4	npp	5/6/2024	2:00:36 AM	Patiala	Patiala	Bhunarheri	Dhgrauli	288	Julkan Patiala
115	30.168890	76.440630	8	1.1	npp	5/6/2024	2:00:36 AM	Patiala	Patiala	Bhunarheri	Pour	218	Julkan Patiala
116	30.110000	76.349000	73	16.9	mod	5/6/2024	10:55:32 AM	Patiala	Patiala	Sanaur	Sassi Brahana	191	Passiana Patiala
117	29.809720	76.112050	8	9.6	npp	5/6/2024	1:10:36 PM	Patiala	Patran	Patran	Dhabi Gujran	138	Patran Patiala
118	29.81246	76.106130	8	9.6	npp	5/6/2024	1:10:36	Patiala	Patra	Patran	Dhabi	138	Patran

	0						PM		n		Gujran		Patiala
119	30.500190	76.701070	8	0.7	npp	5/6/2024	2:00:36 AM	Patiala	Rajpura	Rajpura	Change ra	243	Banur Patiala
120	30.151020	76.269570	8	6.3	npp	5/6/2024	1:10:36 PM	Patiala	Sama na	Sanaur	Dhana uri	177	Passiana Patiala
121	30.147400	76.270440	8	18.7	npp	5/6/2024	1:10:36 PM	Patiala	Sama na	Sanaur	Dhana uri	177	Passiana Patiala
122	30.319020	76.037090	8	15.9	npp	5/6/2024	1:10:36 PM	Sangrur	Bhawanigarh	Bhawani garh	Panwan	14	Bhawanigarh Sangrur
123	30.031420	75.942700	8	7.1	npp	5/6/2024	1:10:36 PM	Sangrur	Dirba	Dirba	Rogla	14	Dirba Sangrur
124	29.799370	75.972310	8	18.2	npp	5/6/2024	1:10:36 PM	Sangrur	Moonak	Andana	Mandvi	118	Khanauri Sangrur
125	29.887920	75.963870	8	11.8	npp	5/6/2024	1:10:36 PM	Sangrur	Moonak	Andana	Sher Garh	95	Moonak Sangrur
126	30.141000	75.597000	76	22.0	mod	5/6/2024	10:55:32 AM	Sangrur	Sangrur	Sangrur	Dayalgarh	78	Longowal Sangrur
127	30.166000	75.573000	83	31.1	mod	5/6/2024	10:55:32 AM	Sangrur	Sangrur	Sangrur	Dhadrian	77	Longowal Sangrur
128	30.035560	75.730190	8	8.7	npp	5/6/2024	1:10:36 PM	Sangrur	Sunam	Sunam	Daula Singh	44	Dharamgarh Sangrur
129	30.158000	75.784000	59	15.5	mod	5/6/2024	10:55:32 AM	Sangrur	Sunam	Sunam	Sunam	28	City Sunam Sangrur
130	30.062040	75.788430	8	20.0	npp	5/6/2024	1:10:36 PM	Sangrur	Sunam	Sunam	Ugrahan	38	Chhajli Sangrur
131	31.157000	75.887000	81	71.0	mod	5/6/2024	1:31:37 PM	SBS Nagar	Nawan Shahr	Aur	Tahar Pur	64	BEHRAM Sbs Nagar
132	31.159000	75.891000	87	119.0	mod	5/6/2024	1:31:37 PM	SBS Nagar	Nawan Shahr	Aur	Tahar Pur	64	BEHRAM Sbs Nagar



133	31.09900 0	76.146000	78	16.6	mod	5/6/2024	10:55:3 2 AM	SBS Nagar	Nawa n Shahr	Nawan Shahr	Karim Pur	158	Sadar NSR Sbs Nagar
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**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>