



MONITORING CROP RESIDUE BURNING OVER INDIA USING SATELLITE REMOTE SENSING DURING

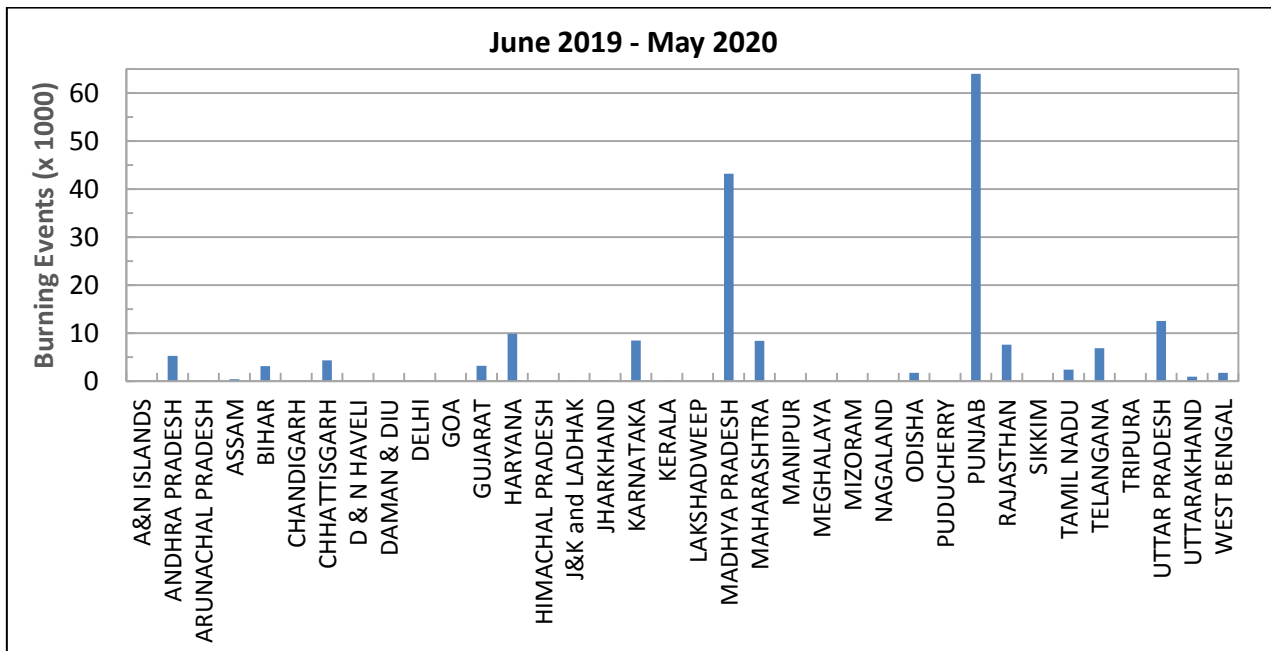


All India Summary Report for Crop Year 2019-20 (June-2019 to May-2020)

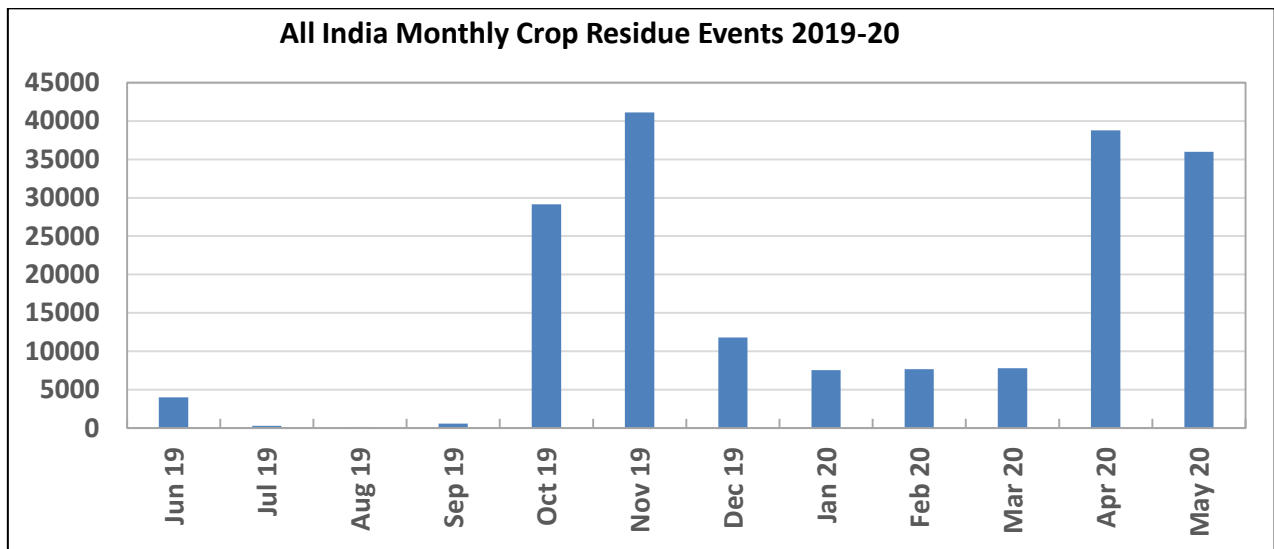
Highlights

- A total of **184885** crop residue burning events were recorded across India during 2019-20.
- Maximum numbers of events were recorded in the months of October and November corresponding to *kharif* crops harvesting, and in the months of April and May corresponding to *rabi* crops harvesting.
- Punjab recorded maximum number of **63999** burning events, followed by **43198** in Madhya Pradesh, **12541** in Uttar Pradesh, **9901** in Haryana, **8443** in Karnataka and **8380** in Maharashtra.
- Punjab recorded maximum number of **50738** residue burning events during October – November period, while Madhya Pradesh recorded maximum number of **35823** burning events during April – May period.

State-wise crop residue burning events (1-JUNE-19 to 31-May-20)



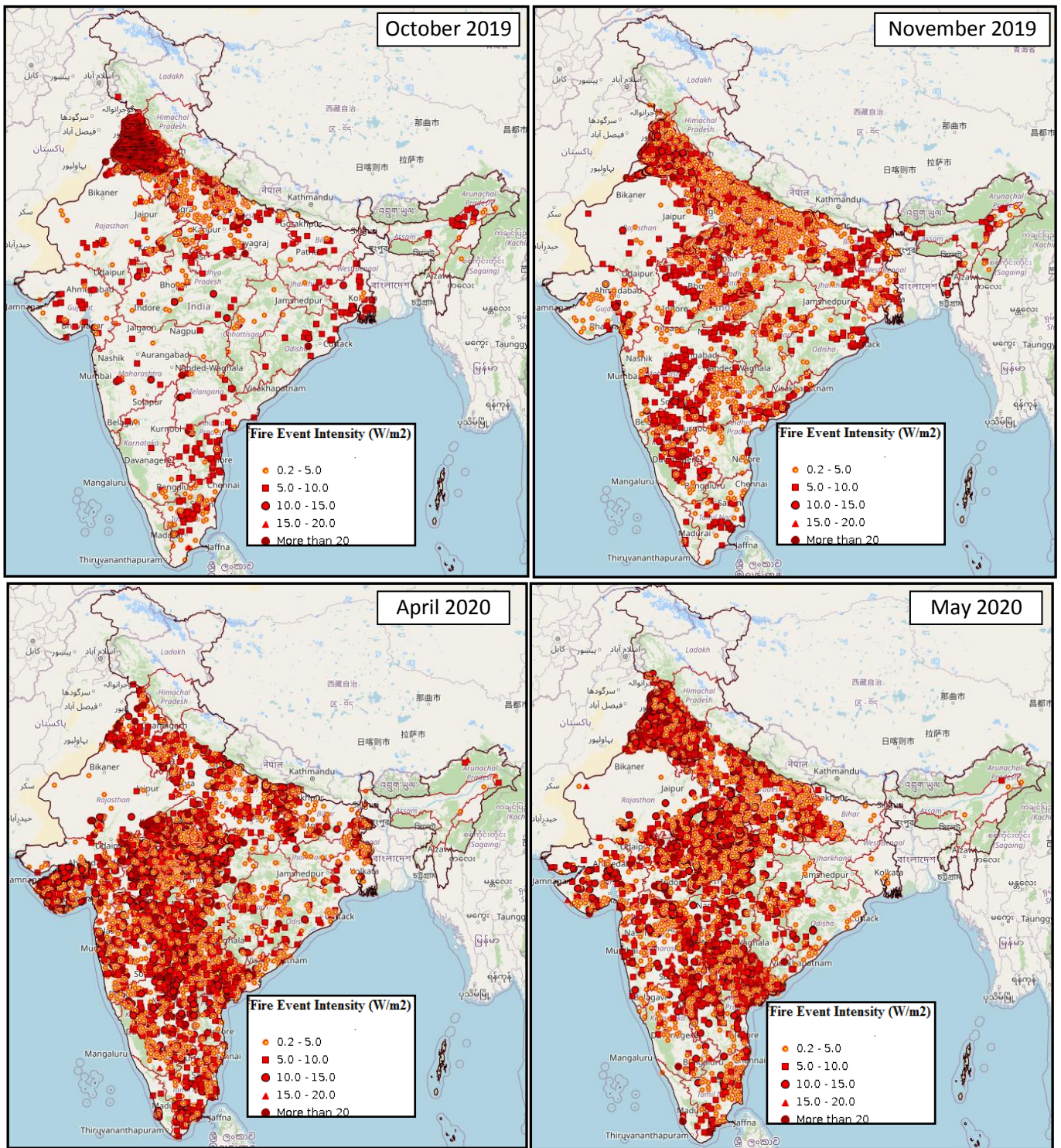
Month-wise crop residue burning events (1-JUNE-19 to 31-May-20)



All India State-wise Crop Residue Burning Events in 2019-20

STATE	Jun 2019	Jul 2019	Aug 2019	Sep 2019	Oct 2019	Nov 2019	Dec 2019	Jan 2020	Feb 2020	Mar 2020	Apr 2020	May 2020	Grand Total
A & N ISLANDS	0	0	0	0	0	0	0	1	0	0	0	0	1
ANDHRA PRADESH	304	24	17	9	49	198	1044	208	216	469	660	2080	5278
ARUNACHAL	3	1	0	4	8	5	5	1	10	9	4	2	52
ASSAM	11	2	6	6	24	53	76	117	86	23	2	4	410
BIHAR	132	3	3	2	17	254	1102	75	79	38	576	886	3167
CHANDIGARH	0	0	0	0	0	0	0	0	0	0	0	0	0
CHHATTISGARH	864	1	0	0	15	202	1799	649	291	91	155	299	4366
D & N HAVELI	0	0	0	0	0	0	0	0	0	0	2	3	5
DAMAN & DIU	0	0	0	0	0	0	0	0	0	0	0	0	0
DELHI	0	1	1	1	2	2	1	1	2	3	9	14	37
GOA	0	0	0	0	0	0	1	3	0	0	0	2	6
GUJARAT	41	7	0	1	34	108	259	239	376	998	947	227	3237
HARYANA	46	3	7	114	4294	2070	299	91	166	104	158	2549	9901
HIMACHAL PRADESH	1	0	0	1	1	0	0	0	1	2	0	13	19
J&K and LADAKH	4	0	0	0	1	5	12	3	1	2	1	94	123
JHARKHAND	2	0	0	0	7	27	23	9	14	27	73	0	182
KARNATAKA	59	7	3	9	13	363	1494	2094	1821	1408	637	535	8443
KERALA	0	0	0	0	0	7	1	3	9	21	63	10	114
LAKSHADWEEP	0	0	0	0	0	0	0	0	0	0	0	0	0
MADHYA PRADESH	443	15	1	1	73	5188	674	273	240	467	27875	7948	43198
MAHARASHTRA	176	12	8	8	20	162	1004	1959	1784	1453	1277	517	8380
MANIPUR	0	0	0	0	1	4	16	4	1	2	0	0	28
MEGHALAYA	0	0	0	0	0	0	0	0	1	5	0	0	6
MIZORAM	0	0	0	0	0	0	1	0	0	1	0	0	2
NAGALAND	0	0	0	0	0	0	0	0	2	2	0	0	4
ODISHA	193	1	0	4	29	56	447	445	286	172	82	44	1759
PUDUCHERRY	0	1	0	0	0	0	0	0	0	0	2	1	4
PUNJAB	464	129	1	337	22421	28317	308	183	366	194	85	11194	63999
RAJASTHAN	58	4	8	10	178	737	240	24	78	21	2751	3487	7596
SIKKIM	0	0	0	0	0	0	0	0	0	0	1	0	1
TAMIL NADU	89	62	33	51	91	50	43	104	377	743	595	201	2439
TELANGANA	507	19	2	3	13	211	964	410	541	928	777	2512	6887
TRIPURA	0	0	0	0	0	3	0	0	0	1	0	0	4
UTTAR PRADESH	596	22	5	13	1428	2807	1476	363	828	384	1427	3192	12541
UTTARAKHAND	21	0	4	1	383	200	49	8	53	34	52	151	956
WEST BENGAL	8	3	1	0	39	100	475	287	69	197	553	8	1740
TOTAL	4022	317	100	575	29141	41129	11813	7554	7698	7799	38764	35973	184885

Maps showing spatial distribution of crop residue burning events during different months



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GIS Maps of burning events can be visualized online: <http://geoportal.icar.gov.in:8080/geoexplorer/composer/>
 (Part of KRISHI Portal: <https://krishi.icar.gov.in> initiative)