



## MONITORING CROP RESIDUE BURNING IN INDIA USING SATELLITE REMOTE SENSING DURING 2020-21



### All India Monthly Crop Residue Burning Events Detected by Satellites in 2020-21

STATE	Jun 2020	Jul 2020	Aug 2020	Sep 2020	Oct 2020	Nov 2020	Dec 2020	Jan 2021	Feb 2021	Mar 2021	Apr 2021	May 2021	Total 2020-21
A & N Island	1	0	0	0	0	0	0	0	0	0	0	0	1
ANDHRA PRADESH	98	14	6	17	41	137	661	279	215	110	100	849	2527
ARUNACHAL	0	0	0	2	4	0	3	0	0	0	0	1	10
ASSAM	2	0	4	7	25	13	14	1	0	0	2	2	70
BIHAR	21	3	4	0	92	971	1620	49	68	42	2618	378	5866
CHANDIGARH	0	0	0	0	0	0	0	0	0	0	0	0	0
CHHATTISGARH	490	1	0	0	26	930	5003	2230	1710	526	230	214	11360
D & N HAVELI	0	0	0	0	0	0	0	0	0	0	0	0	0
DAMAN & DIU	0	0	0	0	0	0	0	0	0	0	0	0	0
DELHI	1	0	1	1	8	1	3	0	2	2	40	8	67
GOA	0	0	0	0	0	0	1	0	0	0	0	0	1
GUJARAT	55	3	6	2	140	349	190	182	109	386	695	134	2251
HARYANA	31	3	5	130	3038	2640	435	132	234	72	1934	1752	10406
HIMACHAL	2	1	0	0	10	7	0	1	1	0	1	24	47
J & KASHMIR	2	1	1	0	24	27	8	0	0	6	69	490	628
JHARKHAND	0	0	0	1	6	17	51	4	4	67	11	0	161
KARNATAKA	23	2	8	11	38	820	3260	2035	1748	586	269	409	9209
KERALA	0	0	0	0	1	6	0	0	0	0	0	0	7
LAKSHADWEEP	0	0	0	0	0	0	0	0	0	0	0	0	0
MADHYA PRADESH	130	6	3	16	2987	8901	613	416	226	5183	20690	2367	41538
MAHARASHTRA	39	1	6	7	107	1333	2239	2516	2308	1713	915	519	11703
MANIPUR	0	0	0	2	0	11	6	0	0	0	0	0	19
MEGHALAYA	0	0	0	0	0	0	0	0	0	0	0	0	0
MIZORAM	0	0	0	0	0	0	0	0	0	0	0	0	0
NAGALAND	0	0	0	0	0	0	0	0	0	0	0	0	0
ODISHA	124	1	0	10	19	47	1064	915	640	483	35	8	3346
PUDUCHERRY	0	0	0	0	0	0	0	0	0	0	0	1	1
PUNJAB	363	170	1	866	30704	48389	407	194	470	162	1183	9940	92849
RAJASTHAN	35	13	14	4	667	978	70	14	7	37	1799	693	4331
SIKKIM	0	0	0	0	0	0	0	0	0	0	0	0	0
TAMIL NADU	101	37	46	31	255	41	49	51	170	250	213	173	1417
TELANGANA	114	6	2	7	49	1600	1899	455	732	390	220	1465	6939
TRIPURA	0	0	0	0	0	0	0	0	0	0	0	0	0
UTTAR PRADESH	106	15	30	31	1082	3577	2454	828	1269	447	7227	2369	19435
UTTARAKHAND	4	1	1	2	667	214	75	38	87	20	122	158	1389
WEST BENGAL	4	1	0	2	33	170	1380	425	111	164	881	16	3187
<b>TOTAL</b>	<b>1746</b>	<b>279</b>	<b>138</b>	<b>1149</b>	<b>40023</b>	<b>71179</b>	<b>21505</b>	<b>10765</b>	<b>10111</b>	<b>10646</b>	<b>39254</b>	<b>21970</b>	<b>228765</b>

Consortium for Research on Agroecosystem Monitoring and Modeling from Space (CREAMS) Laboratory,  
Division of Agricultural Physics, ICAR – Indian Agricultural Research Institute, New Delhi – 110012  
(Website: <http://creams.iari.res.in>) (Email: [iaricreams@gmail.com](mailto:iaricreams@gmail.com))

GIS Maps of burning events can be visualized online: <http://geoportal.icar.gov.in:8080/geoexplorer/composer/>