



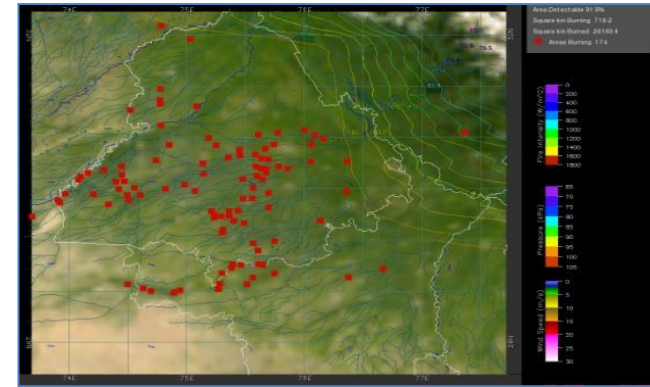
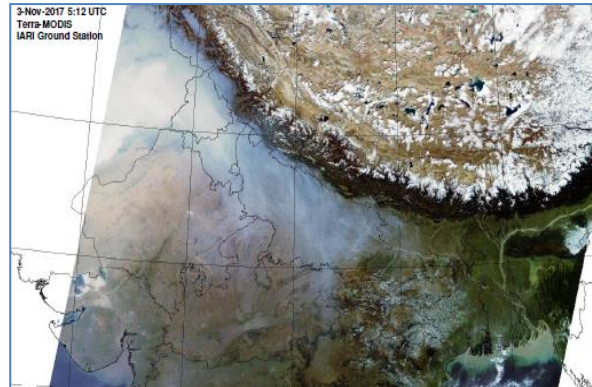
**Bulletin
No. 52**

**Events Date:
21-Nov-2020**

**Issued on:
22-Nov-2020**



MONITORING PADDY RESIDUE BURNING IN NORTH INDIA USING SATELLITE REMOTE SENSING DURING 2020



Prepared by:

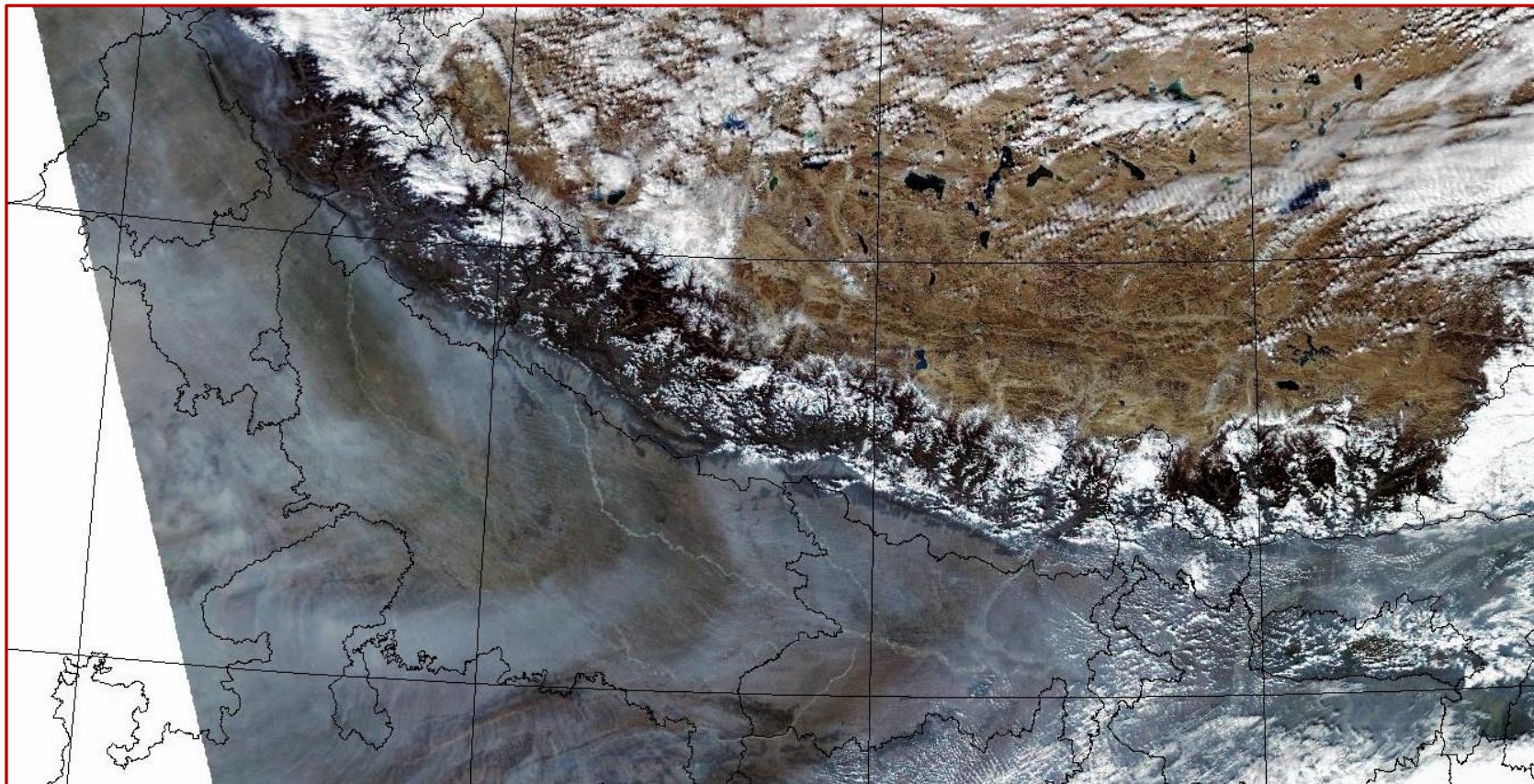
**Consortium for Research on Agroecosystem Monitoring and Modeling from Space (CREAMS) Laboratory,
Division of Agricultural Physics, ICAR – Indian Agricultural Research Institute, New Delhi – 110012**

<http://creams.iari.res.in>

Highlights for 21-November-2020

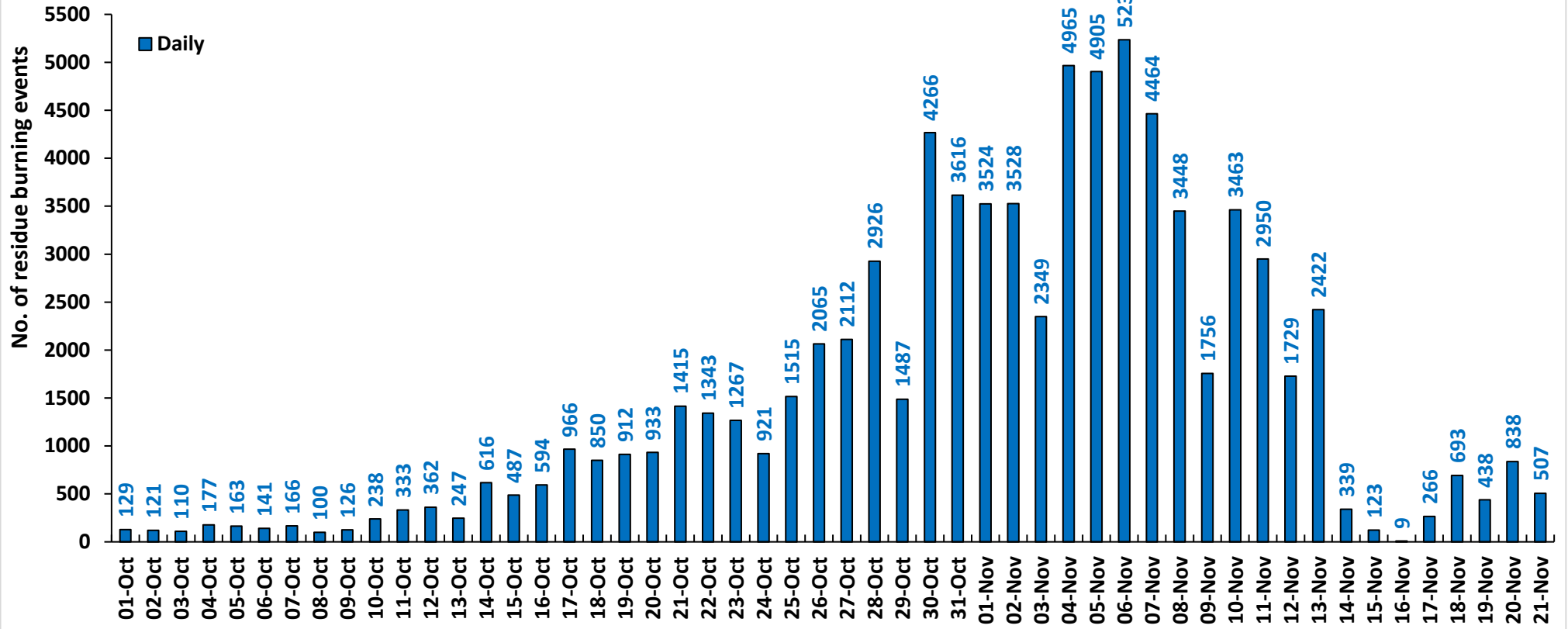
- Satellites detected **771** residue burning events in the three study States on **21-Nov-2020**.
- The state wise events detected on **21-Nov-2020** were **507** in Punjab, **104** in Haryana and **160** in UP.
- The number of events has decreased from **1118** on **20-Nov-2020** to **771** on **21-Nov-2020** in the three states.
- Fazilka in Punjab, Sirsa in Haryana and Jhansi in UP reported the highest number of events on **21-Nov-2020**.
- Total **87398** burning events were detected in the three States between **01-Oct-2020** and **21-Nov-2020**, which are distributed as **78655**, **5350** and **3393** in Punjab, Haryana and UP, respectively.
- In Haryana and UP, the cumulative number of burning events between **01-Oct** and **21-Nov 2020** were lower than in **2019**, while in Punjab the cumulative number of events were more than in **2019**.

[AQUA \(MODIS\) Satellite image of North India Acquired on 21-Nov-2020 at 12:55 IST by IARI Ground Station](#)

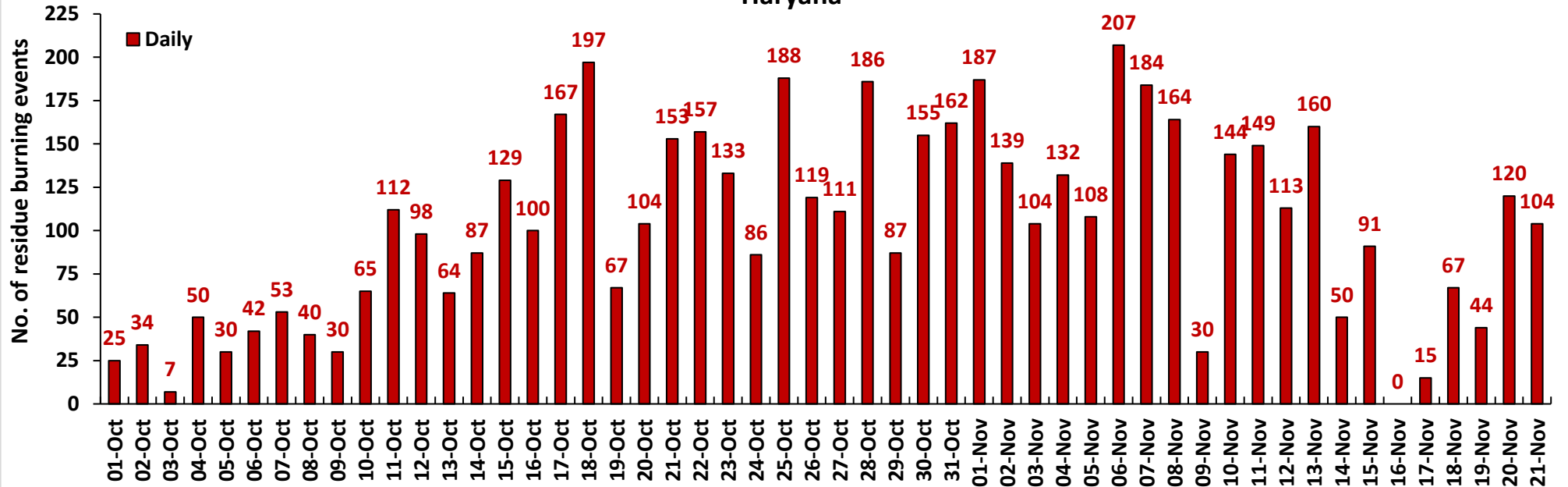


Temporal distribution of residue burning events for the three study States in 2020

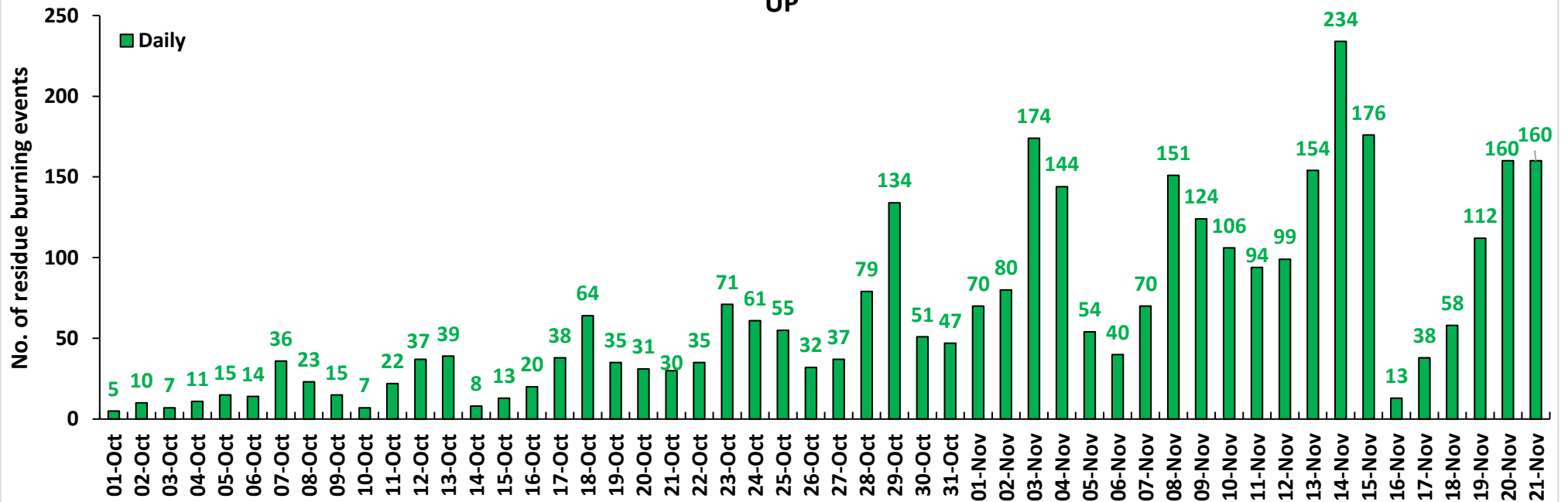
Punjab



Haryana



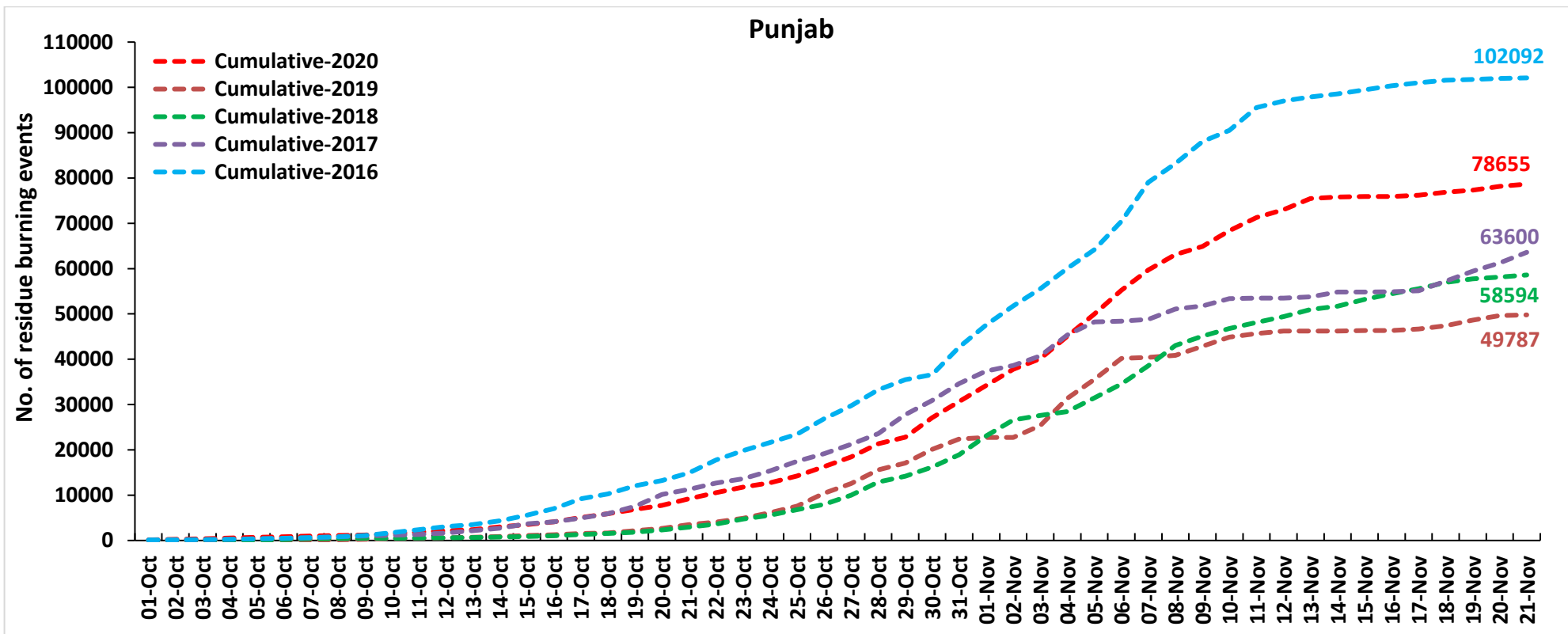
UP



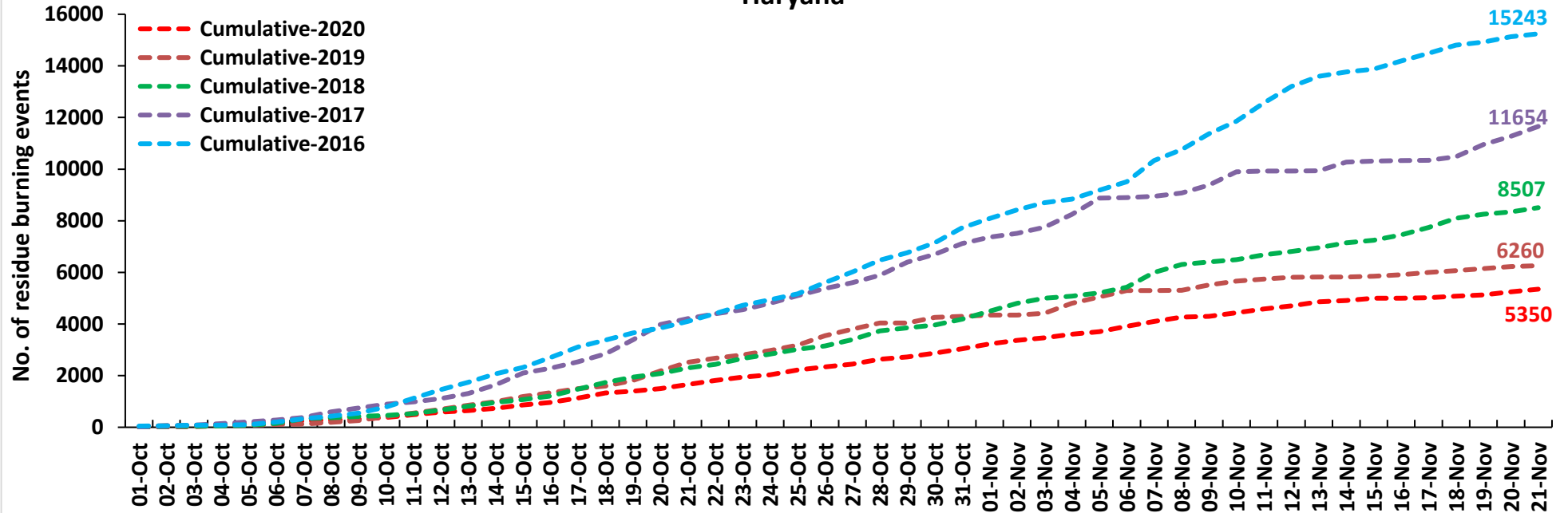
Comparison of residue burning events in current year (2020) with previous years (2019, 2018, 2017 & 2016) for the three study States

(01-Oct to 21-Nov)

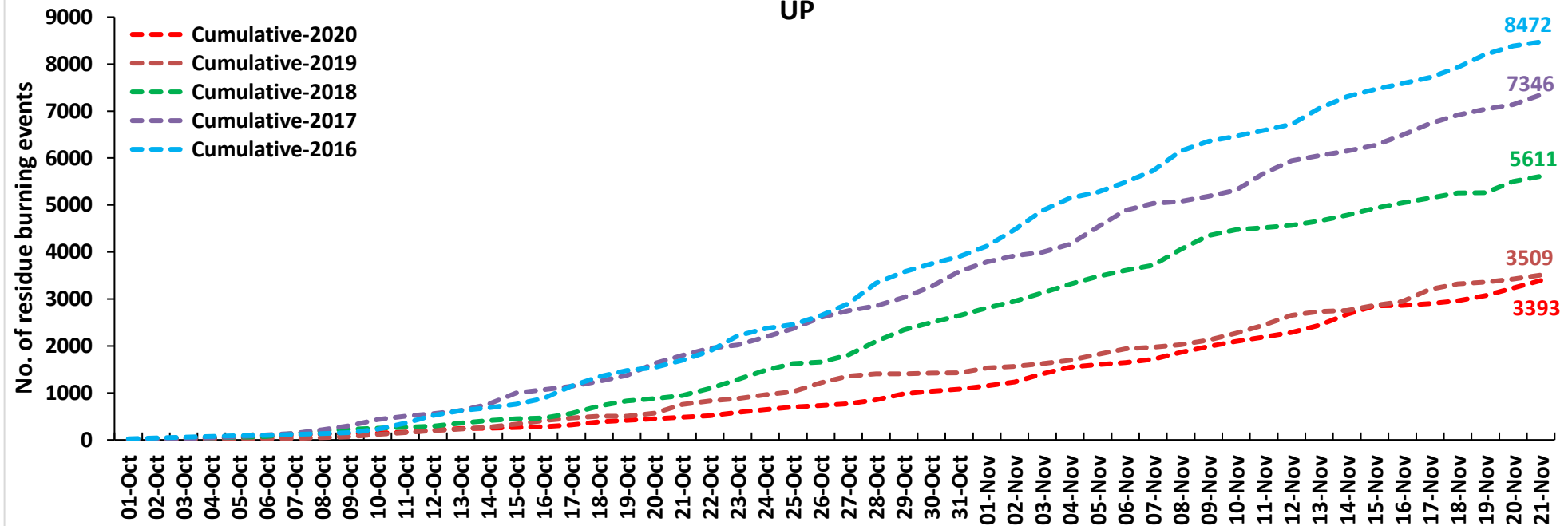
Punjab



Haryana

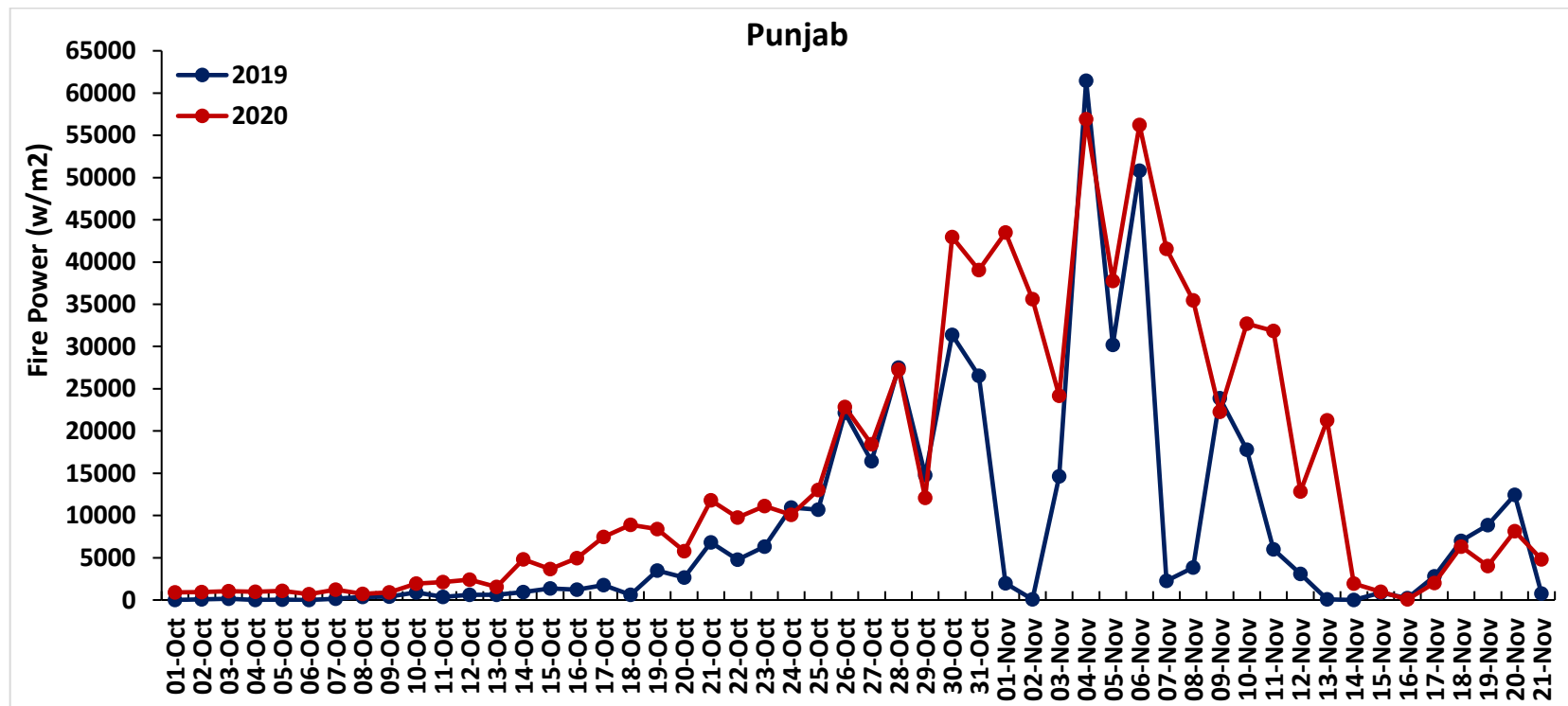


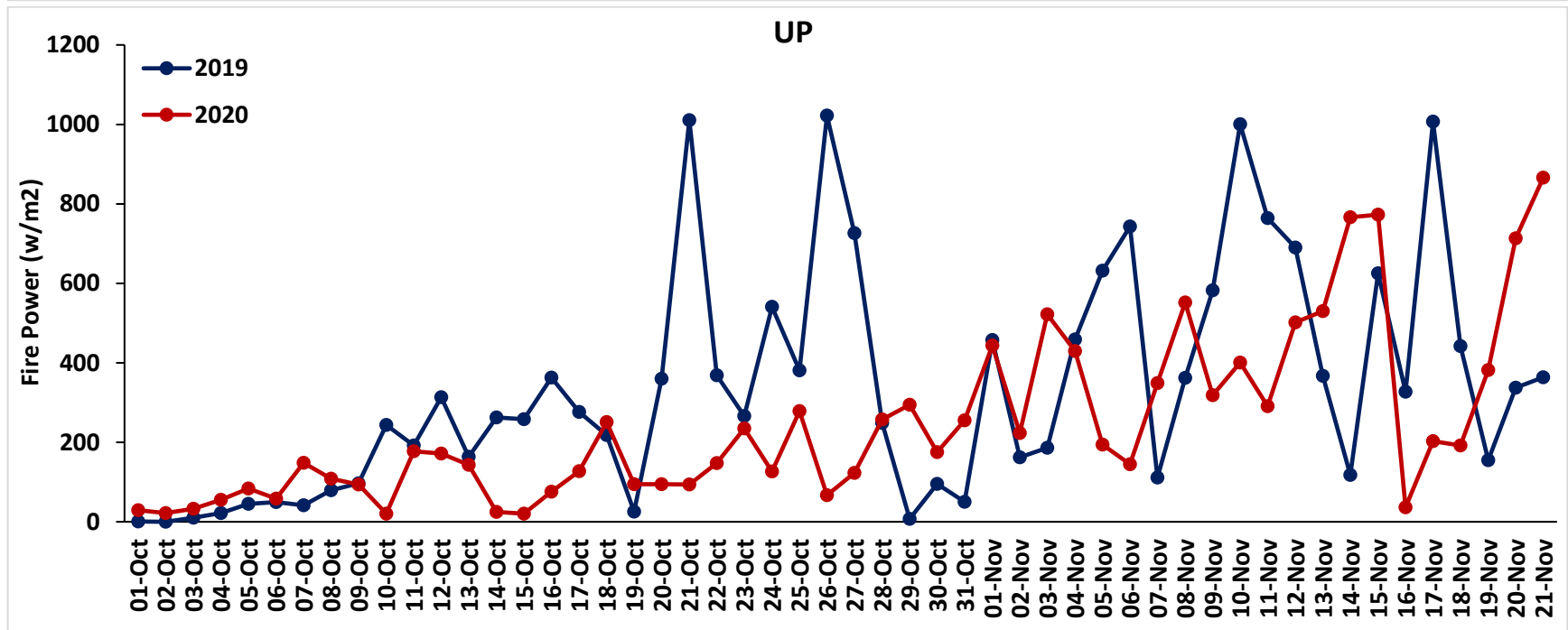
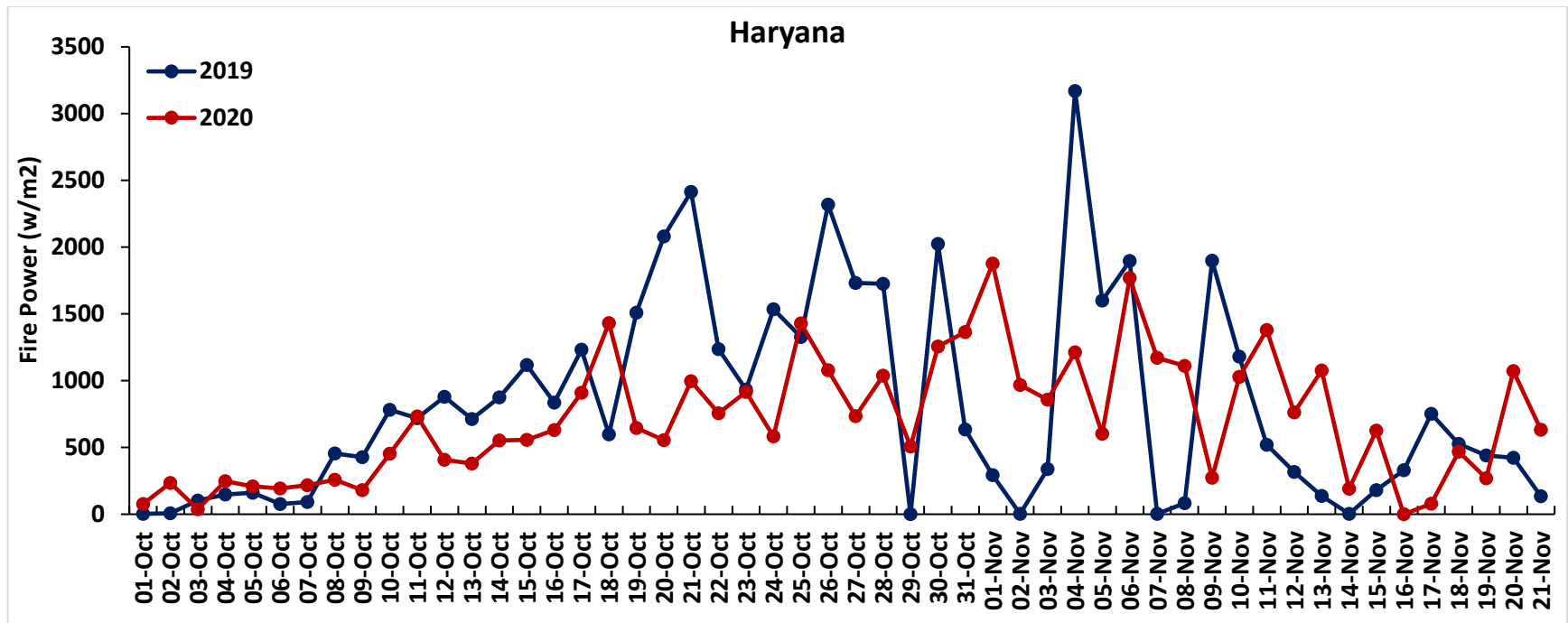
UP



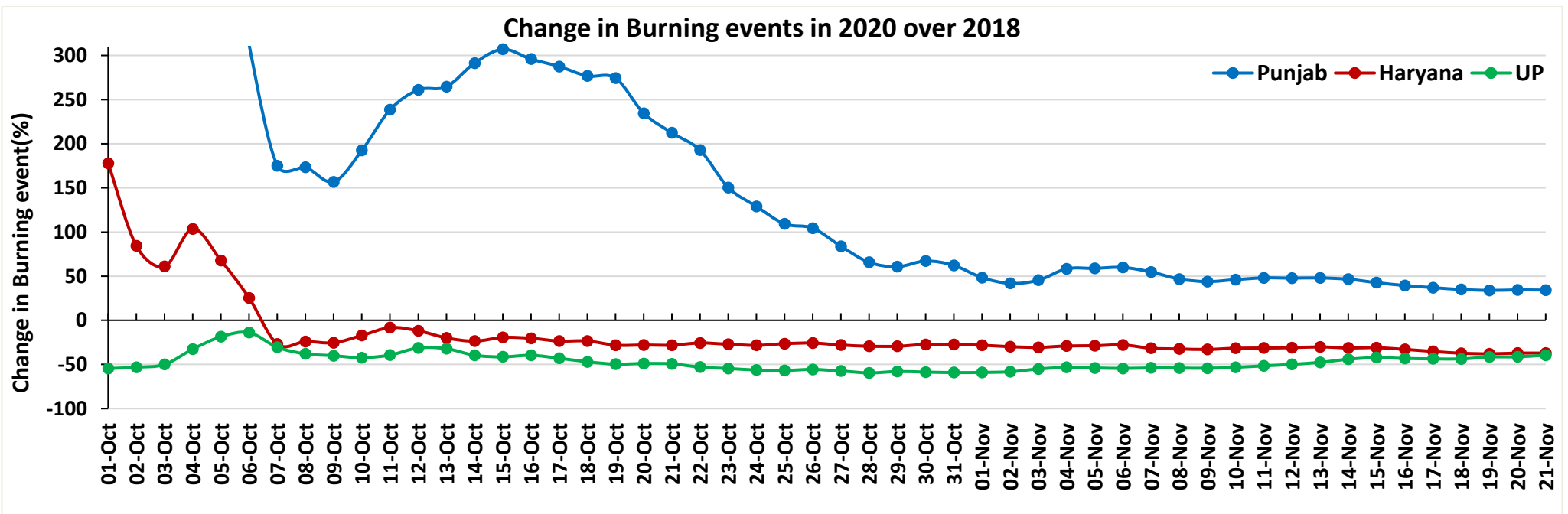
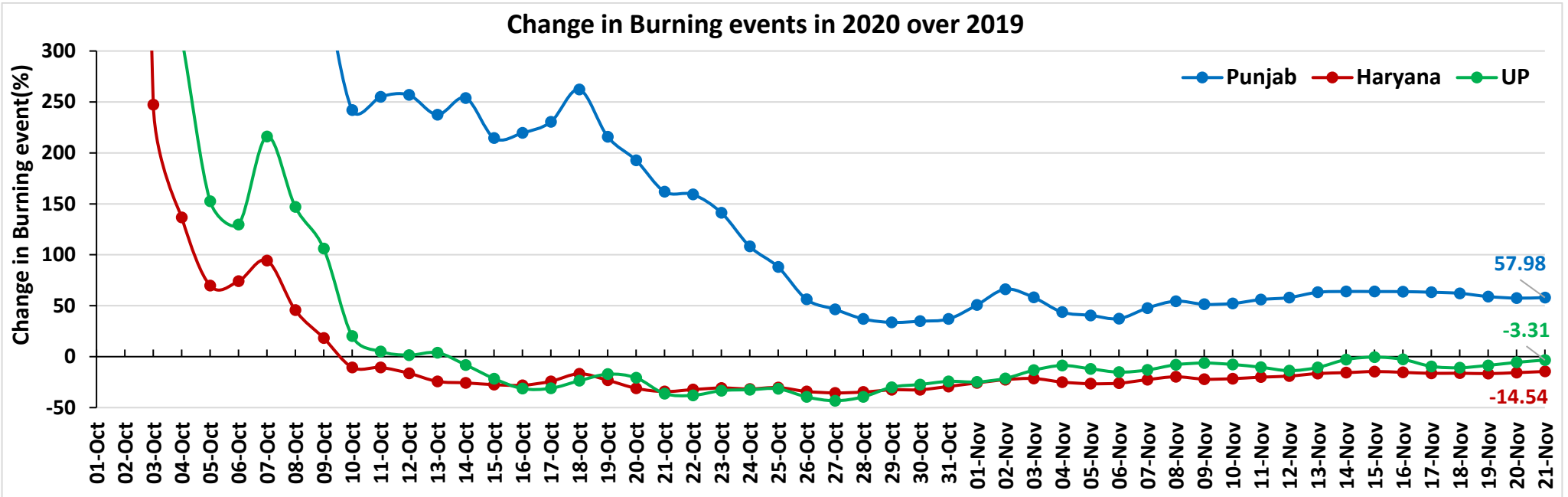
Comparison of Fire Intensity of residue burning events in current year (2020) with previous year (2019)
For the three study States

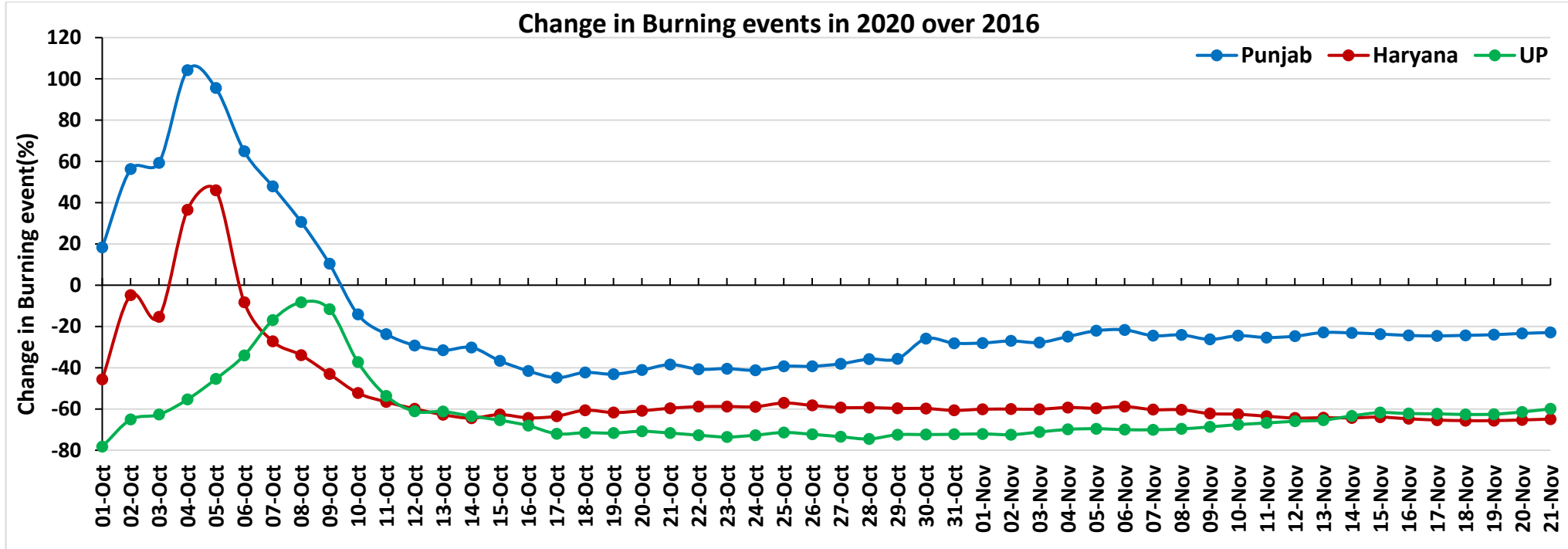
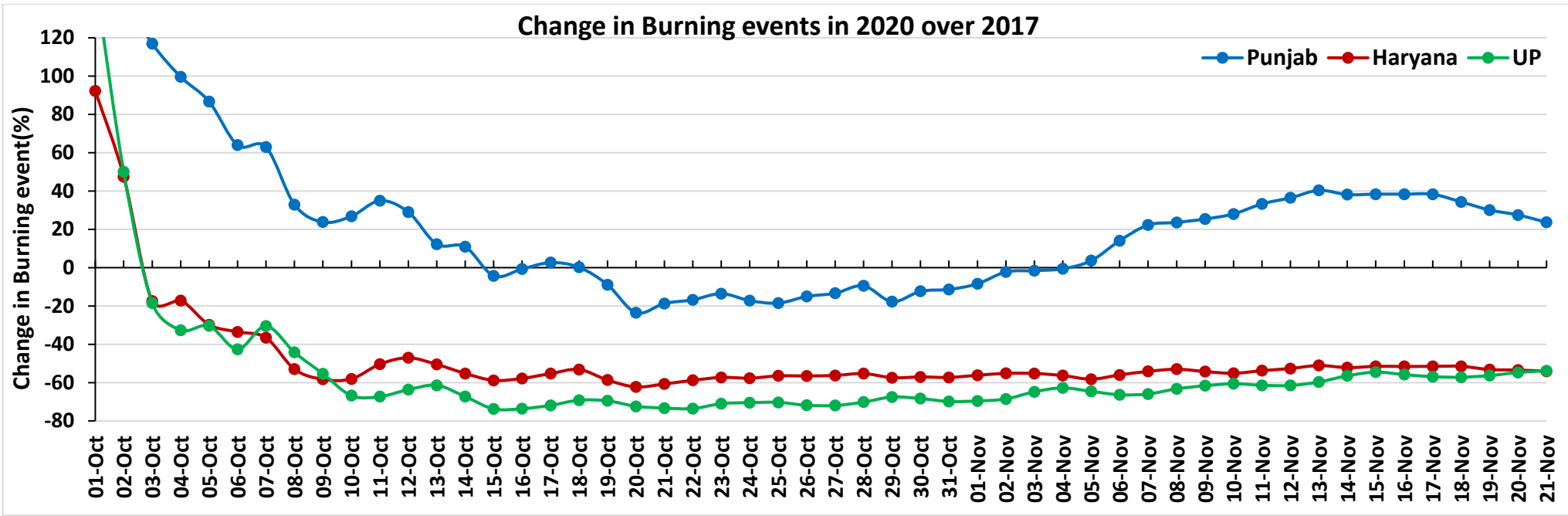
(01-Oct to 21-Nov)





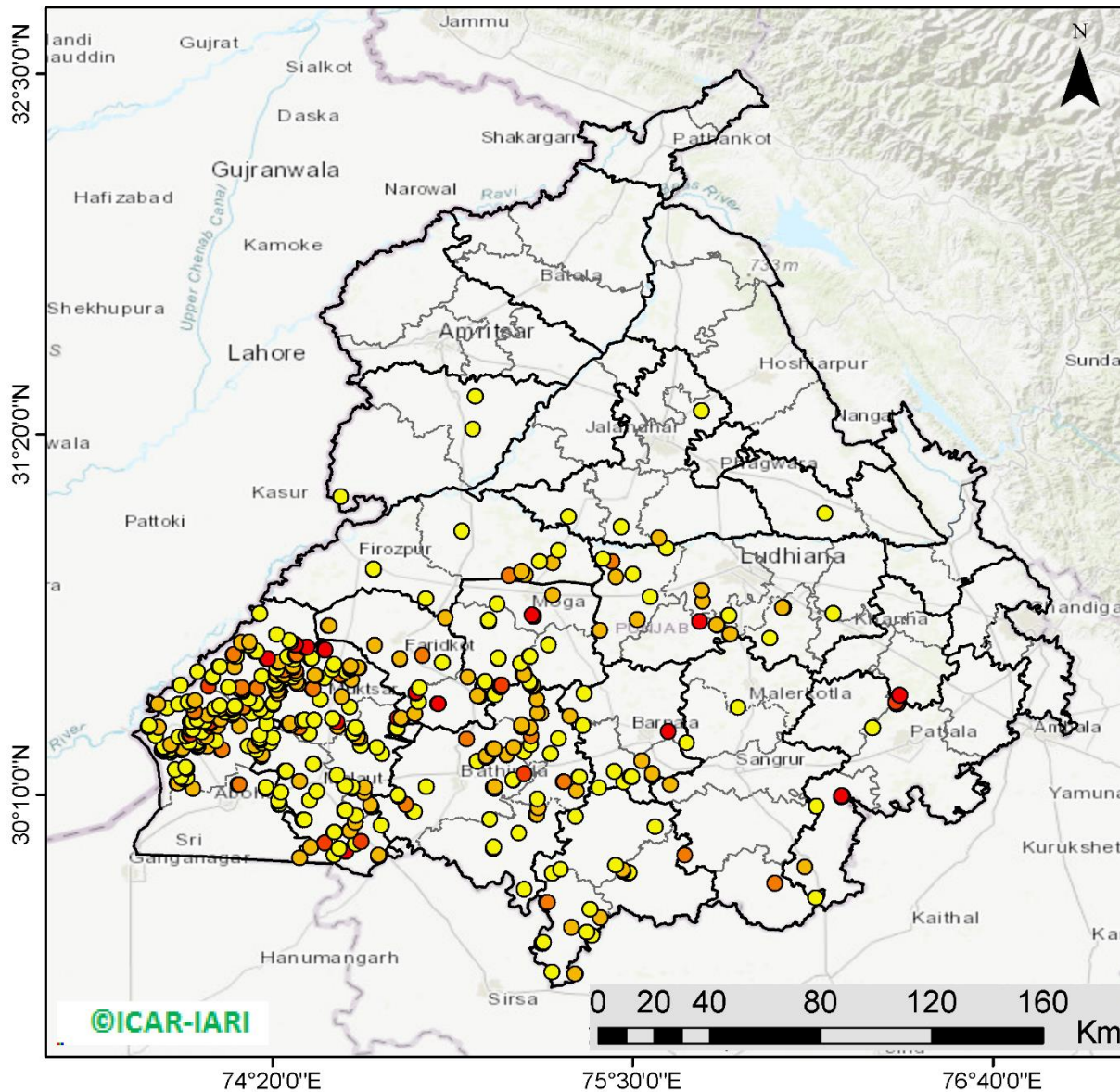
Percent Change in Burning events in 2020 over 2019, 2018, 2017 and 2016 (Daily Cumulative)





(a) Punjab

RICE RESIDUE BURNING IN PUNJAB



507 burning events detected in Punjab on 21st November 2020

Fire Intensity (W/m²)

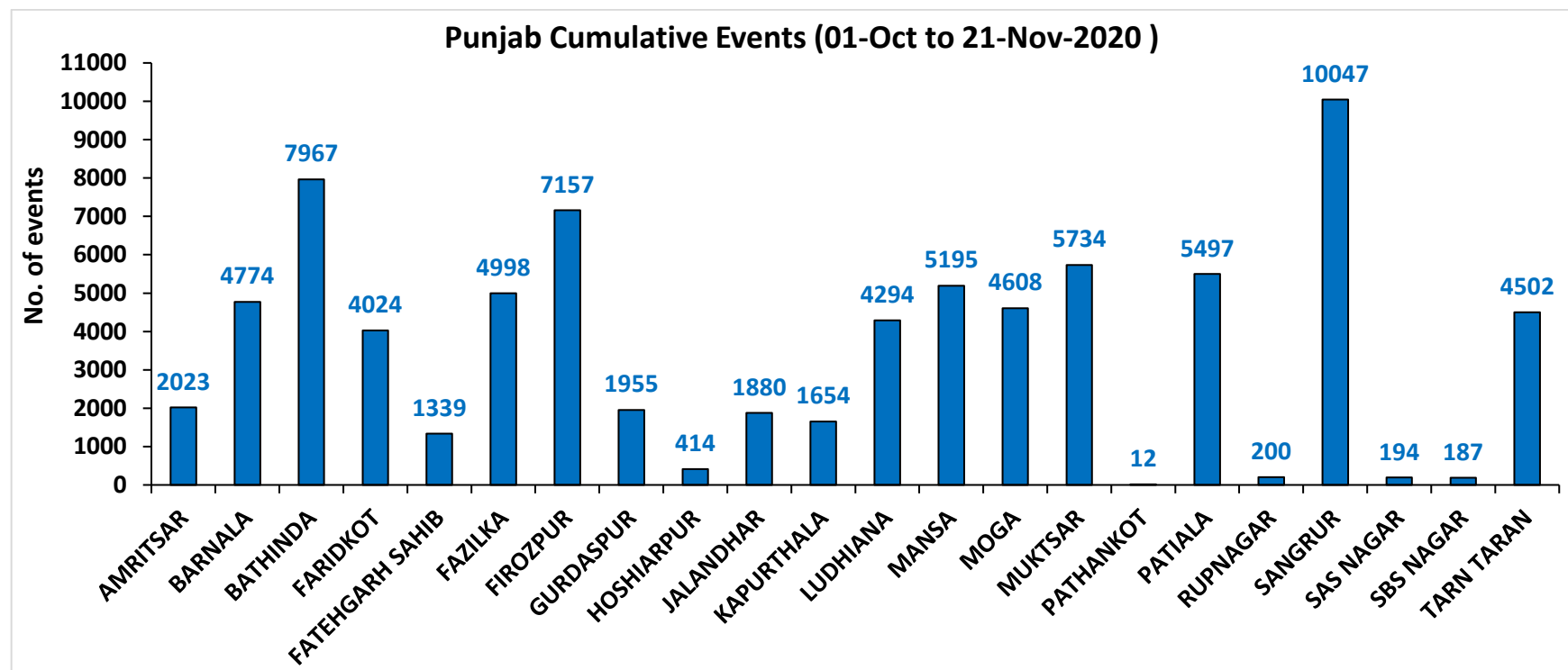
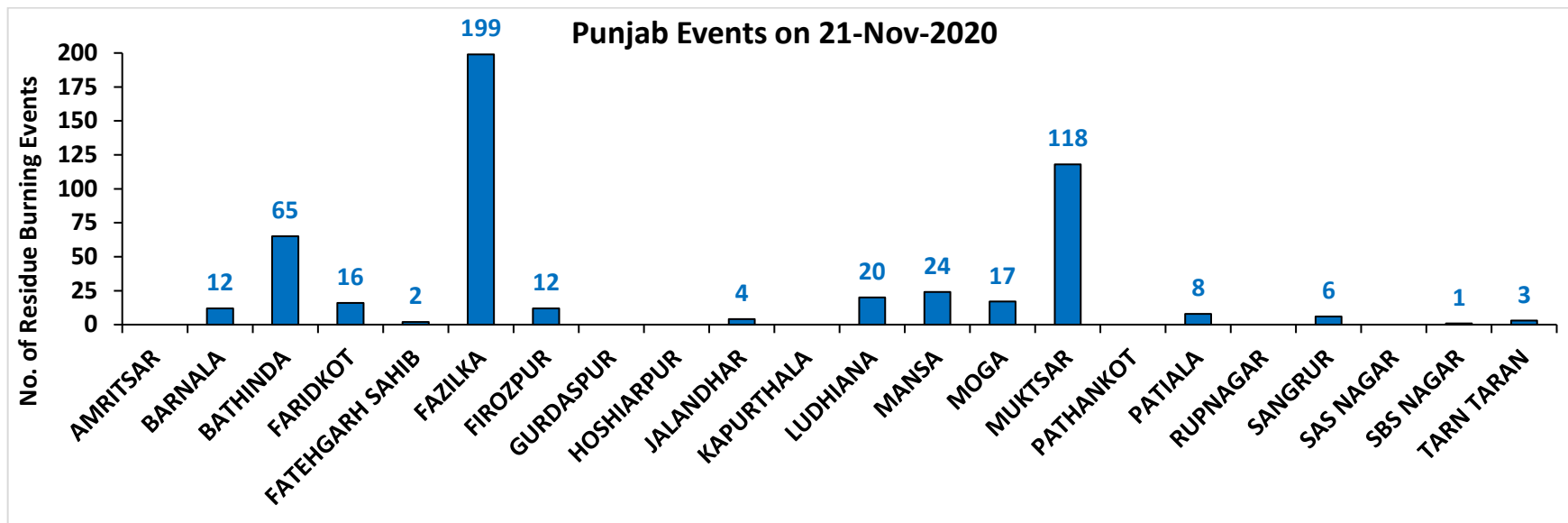
- 0 - 5
- 6 - 10
- 11 - 15
- 16 - 20
- >20

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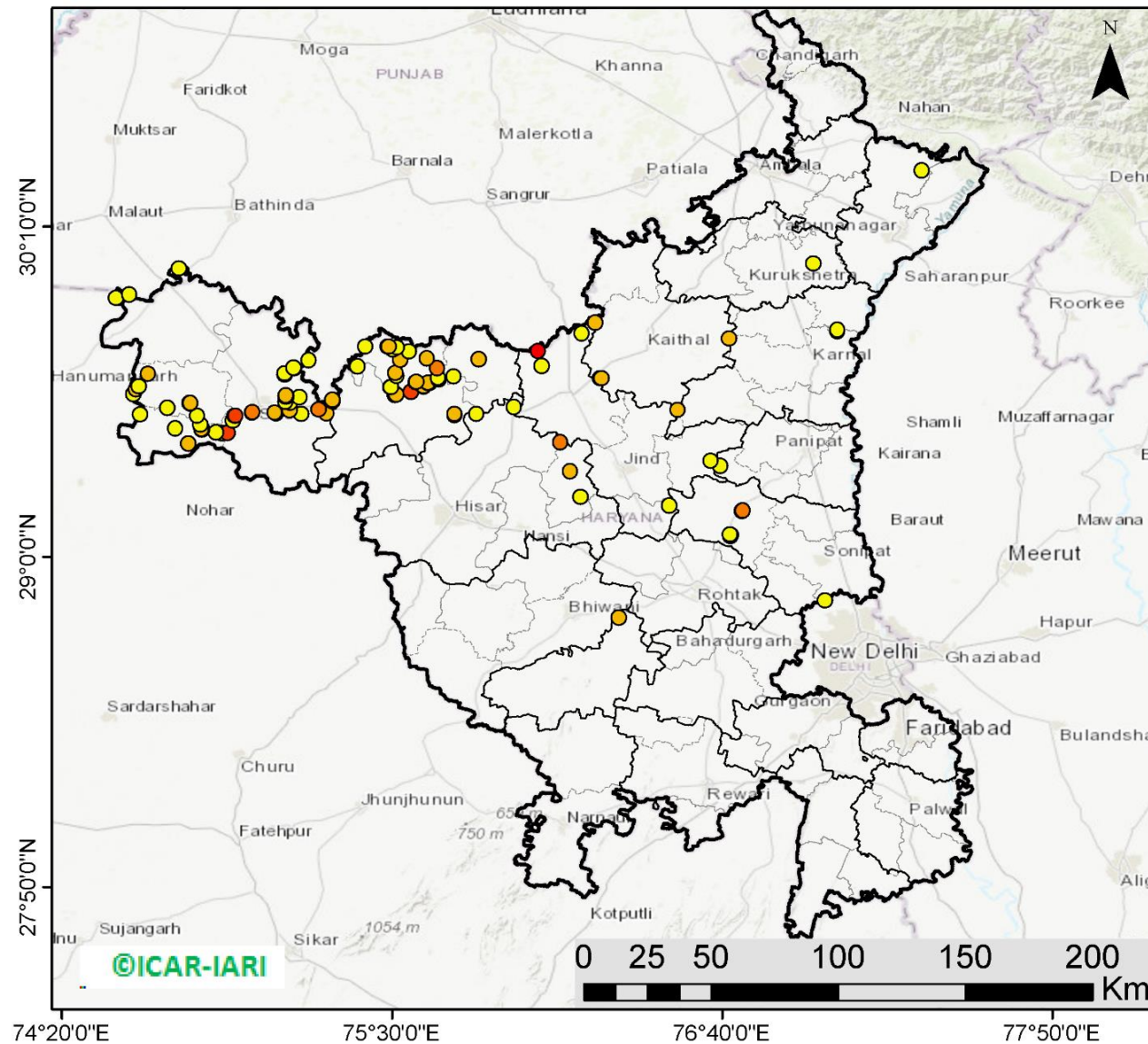
<http://geoportal.icar.gov.in:8080/geoexplorer/composer/>

District-wise number of residue burning events in Punjab (01-Oct to 21-Nov 2020)



(b) Haryana

RICE RESIDUE BURNING IN HARYANA



104 burning events detected in Haryana on 21st November 2020

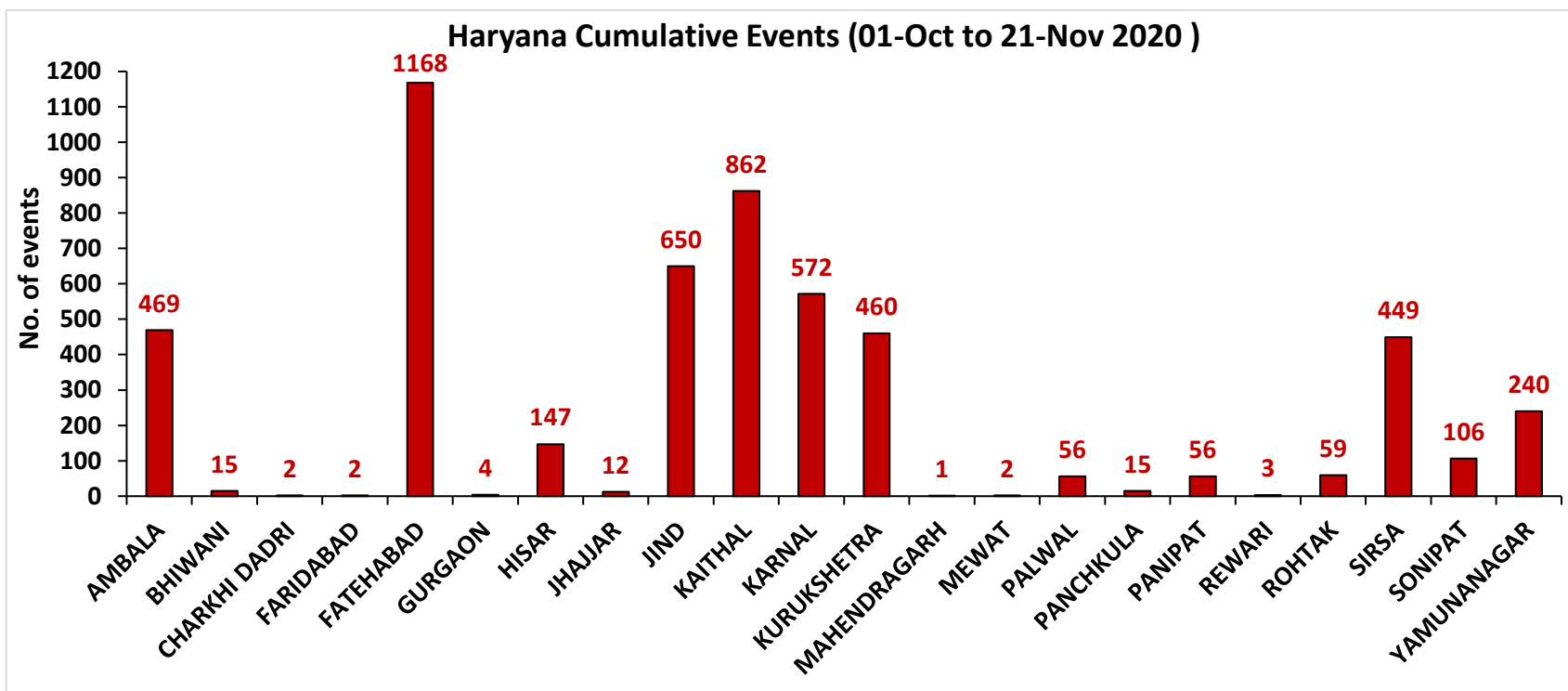
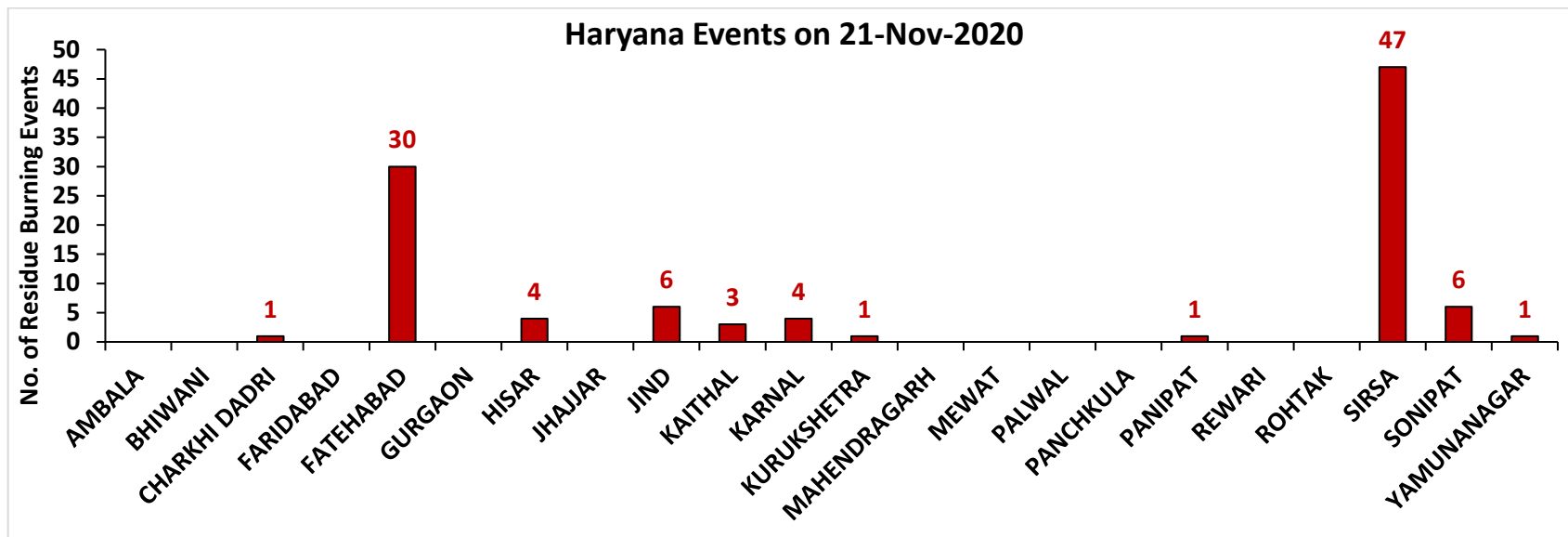
Fire Intensity (W/m²)

- 0 - 5
- 6 - 10
- 11 - 15
- 16 - 20
- >20



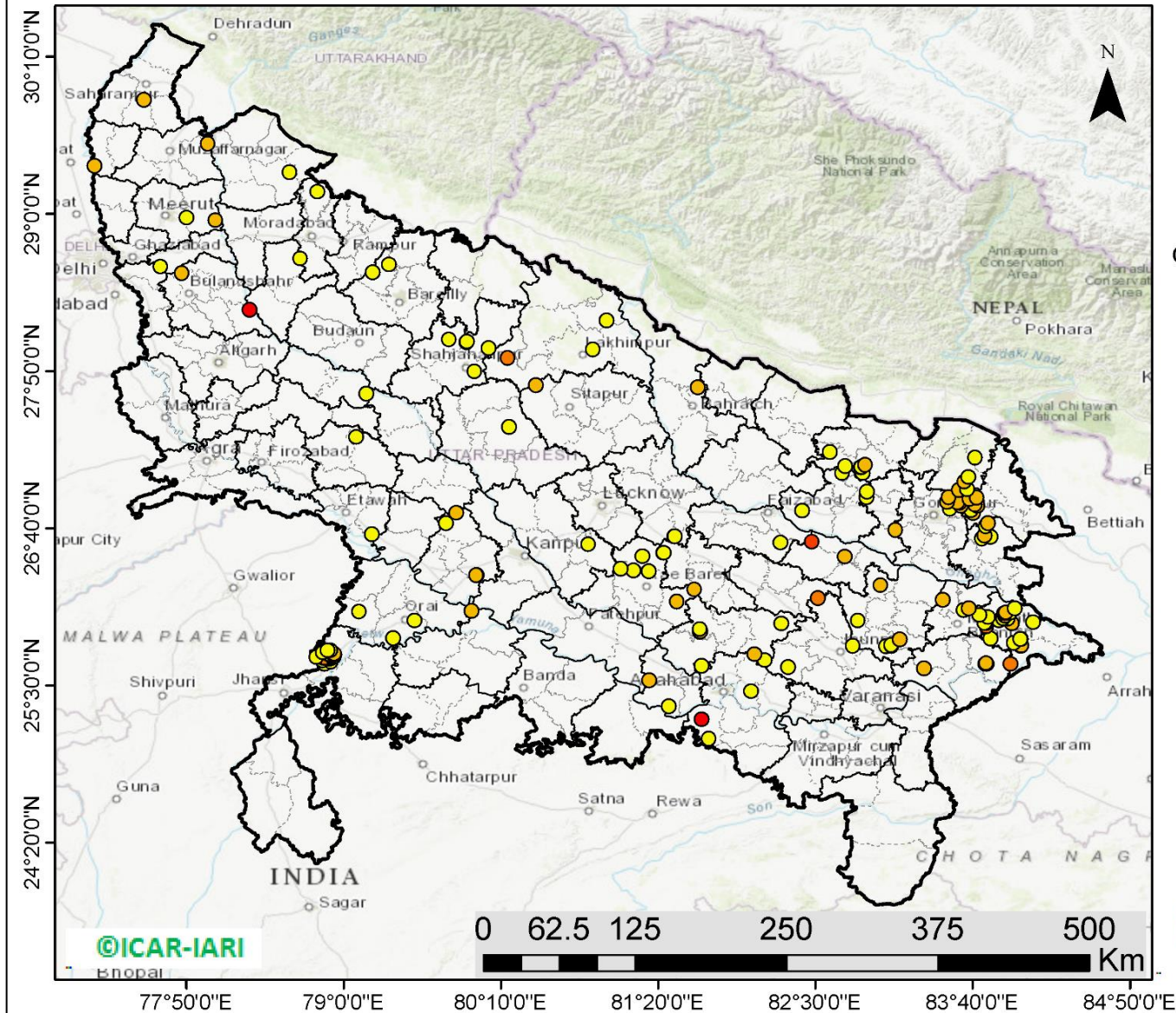
<http://geoportal.icar.gov.in:8080/geoexplorer/composer/>

District-wise number of residue burning events in Haryana (01-Oct to 21-Nov 2020)



(c) Uttar Pradesh

RICE RESIDUE BURNING IN UTTAR PRADESH



160 burning events detected in Uttar Pradesh on 21st November 2020

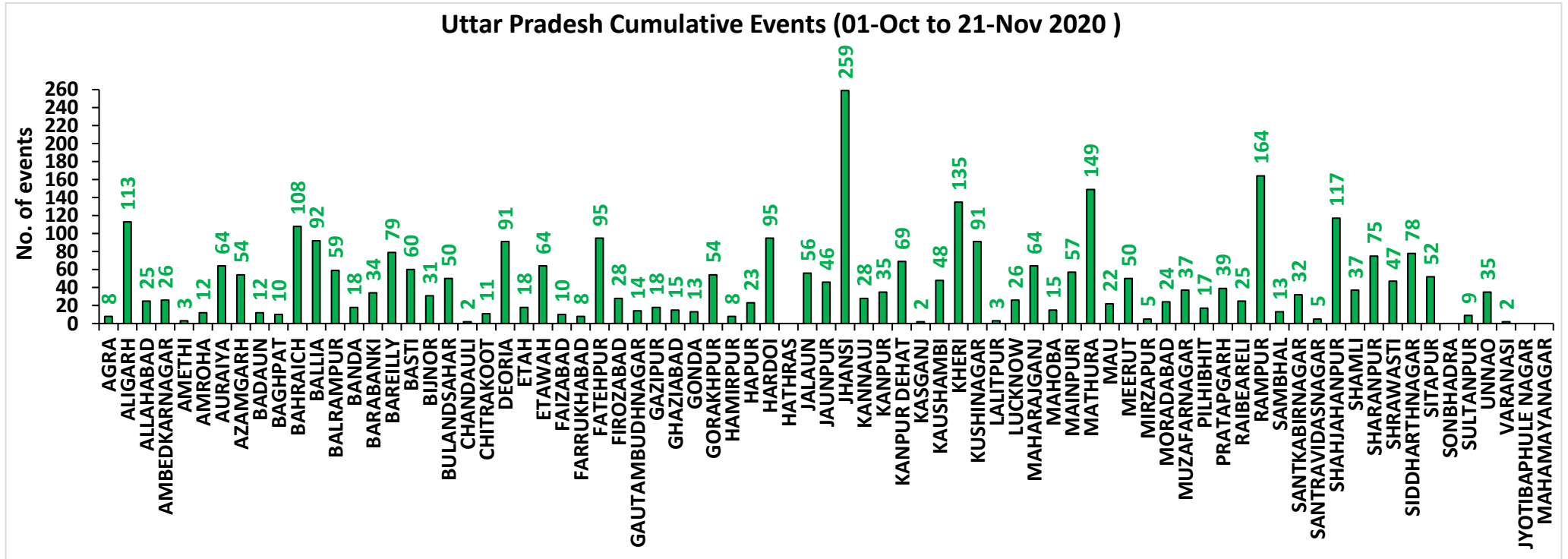
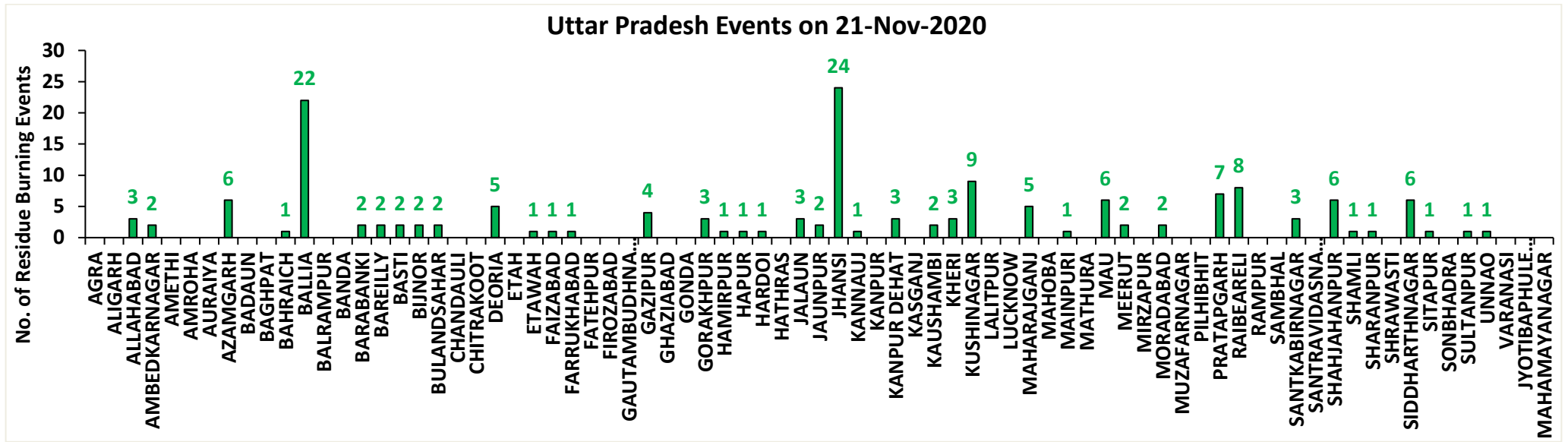
Fire Intensity (W/m²)

-  0 - 5
-  6 - 10
-  11 - 15
-  16 - 20
-  >20



<http://geoportal.icar.gov.in:8080/geoexplorer/composer/>

District-wise number of residue burning events in Uttar Pradesh (01-Oct to 21-Nov 2020)



State-wise and date-wise number of residue burning events detected in 2016, 2017, 2018, 2019 and 2020
(Period: 01-October to 21-November)

| Date | Punjab | | | | | Haryana | | | | | UP | | | | | Total | | | | |
|--------|--------|------|------|------|------|---------|------|------|------|------|------|------|------|------|------|-------|------|------|------|------|
| | 2020 | 2019 | 2018 | 2017 | 2016 | 2020 | 2019 | 2018 | 2017 | 2016 | 2020 | 2019 | 2018 | 2017 | 2016 | 2020 | 2019 | 2018 | 2017 | 2016 |
| 01-Oct | 129 | 3 | 16 | 54 | 109 | 25 | 1 | 9 | 13 | 46 | 5 | 1 | 11 | 2 | 23 | 159 | 5 | 36 | 69 | 178 |
| 02-Oct | 121 | 20 | 9 | 50 | 51 | 34 | 2 | 23 | 27 | 16 | 10 | 0 | 21 | 8 | 20 | 165 | 22 | 53 | 85 | 87 |
| 03-Oct | 110 | 37 | 4 | 62 | 66 | 07 | 16 | 9 | 40 | 16 | 07 | 3 | 12 | 17 | 16 | 124 | 56 | 25 | 119 | 98 |
| 04-Oct | 177 | 3 | 32 | 103 | 37 | 50 | 30 | 16 | 60 | 7 | 11 | 4 | 5 | 22 | 15 | 238 | 37 | 53 | 185 | 59 |
| 05-Oct | 163 | 16 | 56 | 106 | 95 | 30 | 37 | 30 | 68 | 15 | 15 | 11 | 10 | 20 | 14 | 208 | 64 | 96 | 194 | 124 |
| 06-Oct | 141 | 0 | 87 | 138 | 152 | 42 | 22 | 63 | 75 | 105 | 14 | 8 | 13 | 39 | 6 | 197 | 30 | 163 | 252 | 263 |
| 07-Oct | 166 | 27 | 162 | 105 | 171 | 53 | 16 | 180 | 97 | 126 | 36 | 4 | 69 | 33 | 24 | 255 | 47 | 411 | 235 | 321 |
| 08-Oct | 100 | 59 | 39 | 215 | 166 | 40 | 69 | 40 | 218 | 94 | 23 | 18 | 54 | 76 | 14 | 163 | 146 | 133 | 509 | 274 |
| 09-Oct | 126 | 93 | 75 | 163 | 270 | 30 | 70 | 47 | 148 | 121 | 15 | 17 | 32 | 88 | 22 | 171 | 180 | 154 | 399 | 413 |
| 10-Oct | 238 | 172 | 23 | 164 | 597 | 65 | 157 | 37 | 151 | 242 | 07 | 53 | 21 | 126 | 74 | 310 | 382 | 81 | 441 | 913 |
| 11-Oct | 333 | 78 | 30 | 177 | 652 | 112 | 126 | 78 | 87 | 336 | 22 | 38 | 24 | 74 | 128 | 467 | 242 | 132 | 338 | 1116 |
| 12-Oct | 362 | 99 | 67 | 342 | 694 | 98 | 154 | 133 | 123 | 338 | 37 | 42 | 22 | 51 | 164 | 497 | 295 | 222 | 516 | 1196 |
| 13-Oct | 247 | 108 | 62 | 470 | 467 | 64 | 159 | 147 | 207 | 284 | 39 | 33 | 61 | 69 | 102 | 350 | 300 | 270 | 746 | 853 |
| 14-Oct | 616 | 141 | 112 | 582 | 812 | 87 | 133 | 153 | 333 | 328 | 08 | 39 | 57 | 137 | 60 | 711 | 313 | 322 | 1052 | 1200 |
| 15-Oct | 487 | 262 | 90 | 943 | 1215 | 129 | 203 | 110 | 458 | 248 | 13 | 63 | 35 | 237 | 76 | 629 | 528 | 235 | 1638 | 1539 |
| 16-Oct | 594 | 168 | 174 | 465 | 1478 | 100 | 148 | 138 | 186 | 385 | 20 | 77 | 20 | 71 | 125 | 714 | 393 | 332 | 722 | 1988 |
| 17-Oct | 966 | 250 | 272 | 807 | 2173 | 167 | 152 | 268 | 244 | 399 | 38 | 53 | 94 | 69 | 261 | 1171 | 455 | 634 | 1120 | 2833 |
| 18-Oct | 850 | 100 | 263 | 970 | 1065 | 197 | 103 | 255 | 306 | 270 | 64 | 39 | 163 | 108 | 204 | 1111 | 242 | 681 | 1384 | 1539 |
| 19-Oct | 912 | 529 | 254 | 1591 | 1762 | 67 | 220 | 208 | 541 | 276 | 35 | 3 | 108 | 128 | 132 | 1014 | 752 | 570 | 2260 | 2170 |
| 20-Oct | 933 | 490 | 496 | 2653 | 1175 | 104 | 360 | 141 | 597 | 188 | 31 | 62 | 49 | 255 | 62 | 1068 | 912 | 686 | 3505 | 1425 |
| 21-Oct | 1415 | 852 | 618 | 1139 | 1726 | 153 | 339 | 217 | 233 | 257 | 30 | 185 | 66 | 168 | 152 | 1598 | 1376 | 901 | 1540 | 2135 |
| 22-Oct | 1343 | 555 | 656 | 1356 | 2837 | 157 | 158 | 134 | 186 | 309 | 35 | 78 | 149 | 151 | 194 | 1535 | 791 | 939 | 1693 | 3340 |
| 23-Oct | 1267 | 827 | 1113 | 994 | 2040 | 133 | 131 | 232 | 155 | 313 | 71 | 48 | 193 | 72 | 331 | 1471 | 1006 | 1538 | 1221 | 2684 |
| 24-Oct | 921 | 1220 | 844 | 1714 | 1836 | 86 | 165 | 166 | 244 | 221 | 61 | 79 | 192 | 171 | 152 | 1068 | 1464 | 1202 | 2129 | 2209 |
| 25-Oct | 1515 | 1463 | 1247 | 2104 | 1813 | 188 | 212 | 182 | 303 | 229 | 55 | 67 | 142 | 175 | 83 | 1758 | 1742 | 1571 | 2582 | 2125 |
| 26-Oct | 2065 | 2861 | 1173 | 1715 | 3390 | 119 | 366 | 132 | 276 | 434 | 32 | 189 | 33 | 240 | 195 | 2216 | 3416 | 1338 | 2231 | 4019 |
| 27-Oct | 2112 | 2135 | 2040 | 2069 | 2904 | 111 | 249 | 252 | 224 | 417 | 37 | 145 | 154 | 145 | 255 | 2260 | 2529 | 2446 | 2438 | 3576 |
| 28-Oct | 2926 | 3007 | 2864 | 2318 | 3493 | 186 | 238 | 330 | 292 | 458 | 79 | 45 | 290 | 99 | 435 | 3191 | 3290 | 3484 | 2709 | 4386 |
| 29-Oct | 1487 | 1504 | 1321 | 4184 | 2258 | 87 | 0 | 124 | 502 | 278 | 134 | 1 | 243 | 180 | 237 | 1708 | 1505 | 1688 | 4866 | 2773 |
| 30-Oct | 4266 | 3017 | 2008 | 3152 | 1076 | 155 | 222 | 103 | 307 | 395 | 51 | 19 | 158 | 238 | 175 | 4472 | 3258 | 2269 | 3697 | 1646 |
| 31-Oct | 3616 | 2325 | 2715 | 3743 | 6132 | 162 | 36 | 229 | 413 | 575 | 47 | 4 | 148 | 321 | 153 | 3825 | 2365 | 3092 | 4477 | 6860 |
| 01-Nov | 3524 | 293 | 4140 | 2736 | 4843 | 187 | 50 | 306 | 250 | 362 | 70 | 105 | 161 | 199 | 223 | 3781 | 448 | 4607 | 3185 | 5428 |
| 02-Nov | 3528 | 6 | 3550 | 1246 | 4183 | 139 | 2 | 306 | 145 | 332 | 80 | 33 | 142 | 131 | 345 | 3747 | 41 | 3998 | 1522 | 4860 |

| | | | | | | | | | | | | | | | | | | | | |
|--------------|--------------|--------------|--------------|--------------|---------------|-------------|-------------|-------------|--------------|--------------|-------------|-------------|-------------|-------------|-------------|--------------|--------------|--------------|--------------|---------------|
| 03-Nov | 2349 | 2646 | 972 | 2109 | 3806 | 104 | 68 | 202 | 240 | 375 | 174 | 56 | 181 | 75 | 409 | 2627 | 2770 | 1355 | 2424 | 4490 |
| 04-Nov | 4965 | 6001 | 882 | 4603 | 4477 | 132 | 383 | 77 | 499 | 146 | 144 | 75 | 183 | 168 | 265 | 5241 | 6459 | 1142 | 5270 | 4888 |
| 05-Nov | 4905 | 4199 | 2989 | 2876 | 4137 | 108 | 253 | 129 | 625 | 345 | 54 | 124 | 163 | 367 | 125 | 5067 | 4576 | 3281 | 3868 | 4607 |
| 06-Nov | 5235 | 4642 | 3071 | 171 | 6303 | 207 | 243 | 222 | 26 | 322 | 40 | 118 | 130 | 357 | 215 | 5482 | 5003 | 3423 | 554 | 6840 |
| 07-Nov | 4464 | 189 | 4033 | 420 | 8575 | 184 | 2 | 568 | 46 | 821 | 70 | 33 | 108 | 149 | 244 | 4718 | 224 | 4709 | 615 | 9640 |
| 08-Nov | 3448 | 462 | 4450 | 2256 | 4129 | 164 | 16 | 313 | 128 | 432 | 151 | 54 | 338 | 43 | 419 | 3763 | 532 | 5101 | 2427 | 4980 |
| 09-Nov | 1756 | 2003 | 2083 | 675 | 4857 | 30 | 199 | 96 | 311 | 608 | 124 | 96 | 294 | 107 | 205 | 1910 | 2298 | 2473 | 1093 | 5670 |
| 10-Nov | 3463 | 2046 | 1675 | 1642 | 2468 | 144 | 151 | 85 | 509 | 484 | 106 | 147 | 125 | 131 | 109 | 3713 | 2344 | 1885 | 2282 | 3061 |
| 11-Nov | 2950 | 783 | 1364 | 103 | 5040 | 149 | 78 | 196 | 29 | 716 | 94 | 174 | 45 | 358 | 129 | 3193 | 1035 | 1605 | 490 | 5885 |
| 12-Nov | 1729 | 520 | 1256 | 33 | 1477 | 113 | 68 | 122 | 3 | 634 | 99 | 210 | 45 | 269 | 129 | 1941 | 798 | 1423 | 305 | 2240 |
| 13-Nov | 2422 | 10 | 1563 | 237 | 885 | 160 | 16 | 146 | 7 | 389 | 154 | 79 | 94 | 109 | 338 | 2736 | 105 | 1803 | 353 | 1612 |
| 14-Nov | 339 | 0 | 765 | 1101 | 692 | 50 | 1 | 189 | 340 | 171 | 234 | 22 | 128 | 95 | 247 | 623 | 23 | 1082 | 1536 | 1110 |
| 15-Nov | 123 | 92 | 1480 | 5 | 871 | 91 | 29 | 107 | 40 | 107 | 176 | 111 | 146 | 123 | 154 | 390 | 232 | 1733 | 168 | 1132 |
| 16-Nov | 9 | 23 | 1250 | 8 | 911 | 0 | 59 | 204 | 17 | 318 | 13 | 79 | 112 | 218 | 123 | 22 | 161 | 1566 | 243 | 1352 |
| 17-Nov | 266 | 332 | 1132 | 217 | 638 | 15 | 85 | 289 | 12 | 299 | 38 | 265 | 103 | 249 | 130 | 319 | 682 | 1524 | 478 | 1067 |
| 18-Nov | 693 | 740 | 1400 | 2147 | 568 | 67 | 70 | 356 | 139 | 312 | 58 | 113 | 111 | 180 | 217 | 818 | 923 | 1867 | 2466 | 1097 |
| 19-Nov | 438 | 1221 | 752 | 2200 | 168 | 44 | 82 | 159 | 471 | 125 | 112 | 39 | 3 | 122 | 273 | 594 | 1342 | 914 | 2793 | 566 |
| 20-Nov | 838 | 1007 | 385 | 1857 | 240 | 120 | 74 | 88 | 325 | 204 | 160 | 64 | 243 | 101 | 183 | 1118 | 1145 | 716 | 2283 | 627 |
| 21-Nov | 507 | 151 | 480 | 2310 | 112 | 104 | 37 | 161 | 378 | 115 | 160 | 84 | 107 | 205 | 86 | 771 | 272 | 748 | 2893 | 313 |
| Total | 78655 | 49787 | 58594 | 63600 | 102092 | 5350 | 6260 | 8507 | 11654 | 15243 | 3393 | 3509 | 5611 | 7346 | 8472 | 87398 | 59556 | 72712 | 82600 | 125807 |

District-wise and date-wise cumulative number of residue burning events detected in 2016, 2017, 2018, 2019 and 2020
(Period: 01-Oct to 21-Nov)

(a) Punjab

| Districts | 01-Oct to 21-Nov | | | | |
|-----------------|------------------|--------------|--------------|--------------|--------------|
| | 2016 | 2017 | 2018 | 2019 | 2020 |
| AMRITSAR | 2164 | 1314 | 1282 | 1382 | 2023 |
| BARNALA | 5691 | 3189 | 3244 | 2961 | 4774 |
| BATHINDA | 8822 | 5348 | 6297 | 5279 | 7967 |
| FARIDKOT | 4622 | 3383 | 3029 | 2293 | 4024 |
| FATEHGARH SAHIB | 2459 | 1622 | 853 | 820 | 1339 |
| FAZILKA | 0 | 0 | 0 | 2370 | 4998 |
| FIROZPUR | 13565 | 9198 | 9750 | 4608 | 7157 |
| GURDASPUR | 2208 | 1559 | 1137 | 1465 | 1955 |
| HOSHIARPUR | 899 | 483 | 197 | 309 | 414 |
| JALANDHAR | 4658 | 2054 | 1364 | 1509 | 1880 |
| KAPURTHALA | 3134 | 1594 | 745 | 1351 | 1654 |
| LUDHIANA | 9524 | 4329 | 2887 | 2265 | 4294 |
| MANSA | 5626 | 4370 | 4284 | 3558 | 5195 |
| MOGA | 6392 | 2406 | 2701 | 2144 | 4608 |
| MUKTSAR | 7001 | 4973 | 5632 | 3464 | 5734 |
| PATHANKOT | 0 | 0 | 0 | 6 | 12 |
| PATIALA | 6536 | 5027 | 4204 | 3851 | 5497 |
| RUPNAGAR | 717 | 326 | 84 | 118 | 200 |
| SANGRUR | 11860 | 8345 | 7763 | 6357 | 10047 |
| SAS NAGAR | 115 | 107 | 104 | 150 | 194 |
| SBS NAGAR | 1605 | 806 | 373 | 264 | 187 |
| TARN TARAN | 4494 | 3167 | 2664 | 3263 | 4502 |
| Total | 102092 | 63600 | 58594 | 49787 | 78655 |

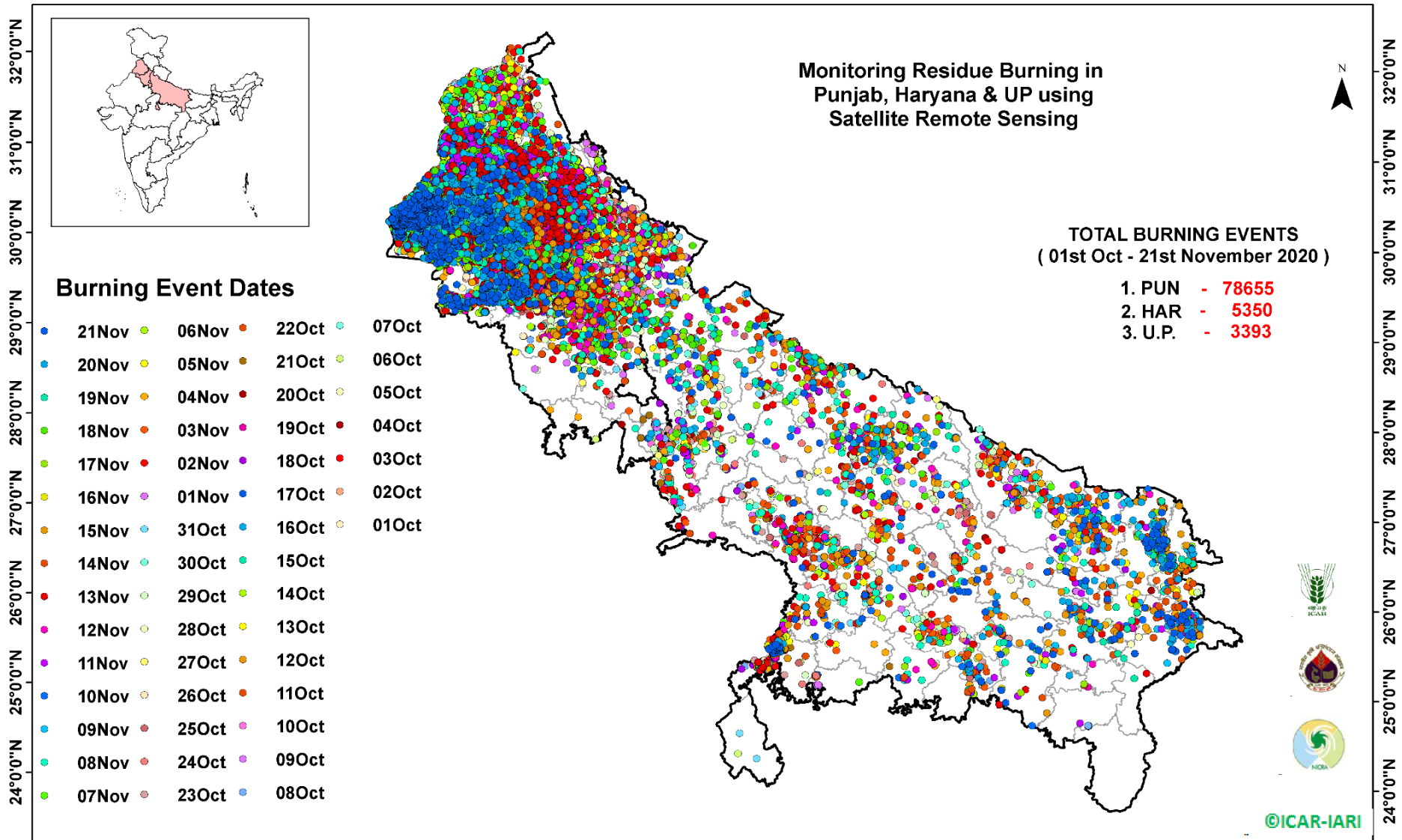
(b) Haryana

| Districts | 01-Oct to 21-Nov | | | | |
|---------------|------------------|--------------|-------------|-------------|-------------|
| | 2016 | 2017 | 2018 | 2019 | 2020 |
| AMBALA | 530 | 494 | 328 | 337 | 469 |
| BHIWANI | 74 | 31 | 14 | 11 | 15 |
| CHARKHI DADRI | 0 | 0 | 0 | 0 | 2 |
| FARIDABAD | 286 | 341 | 185 | 10 | 2 |
| FATEHABAD | 4771 | 3417 | 2354 | 1182 | 1168 |
| GURGAON | 0 | 0 | 0 | 4 | 4 |
| HISAR | 386 | 175 | 179 | 114 | 147 |
| JHAJJAR | 29 | 17 | 21 | 3 | 12 |
| JIND | 853 | 931 | 846 | 572 | 650 |
| KAITHAL | 1747 | 1512 | 1288 | 1256 | 862 |
| KARNAL | 1625 | 1500 | 846 | 1080 | 572 |
| KURUKSHETRA | 1078 | 1144 | 680 | 738 | 460 |
| MAHENDRAGARH | 0 | 0 | 0 | 2 | 1 |
| MEWAT | 0 | 0 | 0 | 3 | 2 |
| PALWAL | 0 | 0 | 0 | 188 | 56 |
| PANCHKULA | 0 | 0 | 3 | 21 | 15 |
| PANIPAT | 82 | 82 | 57 | 37 | 56 |
| REWARI | 0 | 0 | 0 | 3 | 3 |
| ROHTAK | 85 | 62 | 28 | 19 | 59 |
| SIRSA | 3377 | 1577 | 1457 | 399 | 449 |
| SONIPAT | 81 | 61 | 30 | 31 | 106 |
| YAMUNANAGAR | 239 | 310 | 191 | 250 | 240 |
| Total | 15243 | 11654 | 8507 | 6260 | 5350 |

(C)
Uttar Pradesh

| Districts | 01-Oct to 21-Nov | | | | | | | | | | | | | | | | |
|---------------|------------------|------|------|------|------|-----------------|------|------|------|-----|-----|--------------------|-------------|-------------|-------------|-------------|-------------|
| | 2016 | 2017 | 2018 | 2019 | 2020 | GAUTAMBUDHNAGAR | 21 | 37 | 12 | 19 | 14 | MUZAFARNAGAR | 123 | 133 | 40 | 25 | 37 |
| AGRA | 0 | 0 | 0 | 4 | 8 | GAZIPUR | 13 | 11 | 16 | 11 | 18 | PILHIBHIT | 933 | 719 | 428 | 351 | 17 |
| ALIGARH | 53 | 78 | 92 | 90 | 113 | GHAZIABAD | 68 | 46 | 28 | 14 | 15 | PRATAPGARH | 36 | 38 | 28 | 15 | 39 |
| ALLAHABAD | 5 | 8 | 13 | 9 | 25 | GONDA | 46 | 33 | 18 | 8 | 13 | RAIBEARELI | 80 | 69 | 41 | 18 | 25 |
| AMBEDKARNAGAR | 67 | 34 | 15 | 7 | 26 | GORAKHPUR | 62 | 104 | 114 | 13 | 54 | RAMPUR | 618 | 622 | 221 | 313 | 164 |
| AMETHI | 0 | 0 | 0 | 6 | 3 | HAMIRPUR | 0 | 0 | 1 | 35 | 8 | SAMBHAL | 0 | 0 | 0 | 9 | 13 |
| AMROHA | 0 | 0 | 0 | 8 | 12 | HAPUR | 0 | 0 | 0 | 12 | 23 | SANTKABIRNAGAR | 54 | 59 | 50 | 11 | 32 |
| AURAIYA | 217 | 197 | 56 | 42 | 64 | HARDOI | 236 | 196 | 109 | 79 | 95 | SANTRAVIDASNAGAR | 0 | 0 | 0 | 0 | 5 |
| AZAMGARH | 33 | 28 | 24 | 2 | 54 | HATHRAS | 0 | 0 | 0 | 1 | 0 | SHAHJAHANPUR | 1130 | 678 | 375 | 341 | 117 |
| BADAUN | 6 | 7 | 10 | 22 | 12 | JALAUN | 0 | 0 | 0 | 115 | 56 | SHAMLI | 0 | 0 | 0 | 24 | 37 |
| BAGHPAT | 0 | 0 | 0 | 11 | 10 | JAUNPUR | 15 | 15 | 16 | 6 | 46 | SHARANPUR | 98 | 115 | 58 | 66 | 75 |
| BAHRAICH | 65 | 39 | 57 | 44 | 108 | JHANSI | 0 | 0 | 2 | 155 | 259 | SHRAWASTI | 32 | 29 | 36 | 20 | 47 |
| BALLIA | 17 | 26 | 16 | 16 | 92 | KANNAUJ | 30 | 15 | 6 | 8 | 28 | SIDDHARTHANAGAR | 238 | 171 | 459 | 43 | 78 |
| BALRAMPUR | 34 | 27 | 40 | 6 | 59 | KANPUR | 14 | 8 | 13 | 7 | 35 | SITAPUR | 121 | 72 | 40 | 40 | 52 |
| BANDA | 2 | 14 | 8 | 11 | 18 | KANPUR DEHAT | 51 | 53 | 19 | 34 | 69 | SONBHADRA | 15 | 13 | 11 | 0 | 0 |
| BARABANKI | 214 | 158 | 171 | 60 | 34 | KASGANJ | 0 | 0 | 0 | 5 | 2 | SULTANPUR | 61 | 30 | 31 | 15 | 9 |
| BAREILLY | 244 | 204 | 114 | 110 | 79 | KAUSHAMBI | 20 | 42 | 39 | 15 | 48 | UNNAO | 61 | 51 | 39 | 30 | 35 |
| BASTI | 140 | 180 | 112 | 22 | 60 | KHERI | 426 | 260 | 195 | 174 | 135 | VARANASI | 1 | 0 | 0 | 0 | 2 |
| BIJNOR | 54 | 47 | 10 | 15 | 31 | KUSHINAGAR | 45 | 105 | 108 | 20 | 91 | JYOTIBAPHULE NAGAR | 10 | 13 | 4 | 0 | 0 |
| BULANDSAHAR | 29 | 30 | 13 | 23 | 50 | LALITPUR | 0 | 0 | 0 | 6 | 3 | MAHAMAYANAGAR | 2 | 2 | 8 | 0 | 0 |
| CHANDAULI | 8 | 7 | 1 | 0 | 2 | LUCKNOW | 60 | 30 | 26 | 22 | 26 | Total | 8472 | 7346 | 5611 | 3509 | 3393 |
| CHITRAKOOT | 0 | 0 | 0 | 5 | 11 | MAHARAJGANJ | 605 | 924 | 915 | 217 | 64 | | | | | | |
| DEORIA | 57 | 59 | 51 | 5 | 91 | MAHOBA | 0 | 0 | 0 | 9 | 15 | | | | | | |
| ETAH | 17 | 31 | 25 | 4 | 18 | MAINPURI | 81 | 85 | 45 | 39 | 57 | | | | | | |
| ETAWAH | 129 | 107 | 46 | 48 | 64 | MATHURA | 1442 | 1082 | 1048 | 462 | 149 | | | | | | |
| FAIZABAD | 13 | 10 | 8 | 5 | 10 | MAU | 12 | 12 | 11 | 6 | 22 | | | | | | |
| FARRUKHABAD | 0 | 0 | 0 | 6 | 8 | MEERUT | 74 | 75 | 18 | 27 | 50 | | | | | | |
| FATEHPUR | 58 | 43 | 75 | 54 | 95 | MIRZAPUR | 4 | 12 | 6 | 3 | 5 | | | | | | |
| FIROZABAD | 23 | 18 | 9 | 16 | 28 | MORADABAD | 49 | 35 | 11 | 15 | 24 | | | | | | |

Map of Cumulative Burning Events (01-Oct to 21-Nov 2020)



(<http://geoportal.icar.gov.in:8080/geoexplorer/composer/>)

Details of residue burning events in Punjab on 21-Nov-2020

| S. No. | District | Tehsil / Block | Satellite | Latitude | Longitude | Time (IST) | Day / Night | Fire Power (W/m ²) |
|--------|----------|----------------|-----------|----------|-----------|------------|-------------|--------------------------------|
| 1 | BARNALA | BARNALA | S-NPP | 30.37061 | 75.61629 | 12:30:00 | D | 25.90 |
| 2 | BARNALA | BARNALA | S-NPP | 30.49512 | 75.34319 | 14:12:00 | D | 2.20 |
| 3 | BARNALA | TAPPA | S-NPP | 30.20638 | 75.47118 | 12:30:00 | D | 2.60 |
| 4 | BARNALA | TAPPA | S-NPP | 30.22310 | 75.49668 | 14:12:00 | D | 7.50 |
| 5 | BARNALA | TAPPA | S-NPP | 30.22401 | 75.49302 | 14:12:00 | D | 3.50 |
| 6 | BARNALA | TAPPA | S-NPP | 30.22431 | 75.49720 | 14:12:00 | D | 3.50 |
| 7 | BARNALA | TAPPA | S-NPP | 30.22922 | 75.56434 | 14:12:00 | D | 6.50 |
| 8 | BARNALA | TAPPA | S-NPP | 30.23314 | 75.56348 | 14:12:00 | D | 11.70 |
| 9 | BARNALA | TAPPA | S-NPP | 30.23479 | 75.56388 | 14:12:00 | D | 6.50 |
| 10 | BARNALA | TAPPA | S-NPP | 30.24160 | 75.44056 | 14:12:00 | D | 2.70 |
| 11 | BARNALA | TAPPA | S-NPP | 30.27568 | 75.53008 | 14:12:00 | D | 5.10 |
| 12 | BARNALA | TAPPA | S-NPP | 30.39022 | 75.33962 | 12:30:00 | D | 3.00 |
| 13 | BATHINDA | BATHINDA | S-NPP | 30.08665 | 75.03816 | 14:12:00 | D | 2.00 |
| 14 | BATHINDA | BATHINDA | S-NPP | 30.11158 | 74.78870 | 14:12:00 | D | 3.90 |
| 15 | BATHINDA | BATHINDA | S-NPP | 30.11186 | 74.79246 | 14:12:00 | D | 4.90 |
| 16 | BATHINDA | BATHINDA | S-NPP | 30.12805 | 74.65552 | 14:12:00 | D | 5.60 |
| 17 | BATHINDA | BATHINDA | S-NPP | 30.13303 | 74.65131 | 14:12:00 | D | 7.30 |
| 18 | BATHINDA | BATHINDA | S-NPP | 30.13488 | 74.76608 | 12:30:00 | D | 11.80 |
| 19 | BATHINDA | BATHINDA | S-NPP | 30.16147 | 74.74236 | 14:12:00 | D | 4.90 |
| 20 | BATHINDA | BATHINDA | S-NPP | 30.16509 | 74.74066 | 14:12:00 | D | 3.80 |
| 21 | BATHINDA | BATHINDA | S-NPP | 30.18553 | 75.05273 | 14:12:00 | D | 3.70 |
| 22 | BATHINDA | BATHINDA | S-NPP | 30.19063 | 75.04832 | 14:12:00 | D | 5.10 |
| 23 | BATHINDA | BATHINDA | S-NPP | 30.19093 | 75.05224 | 14:12:00 | D | 5.10 |
| 24 | BATHINDA | BATHINDA | S-NPP | 30.19125 | 74.83213 | 12:30:00 | D | 3.90 |
| 25 | BATHINDA | BATHINDA | S-NPP | 30.21202 | 75.11378 | 14:12:00 | D | 5.90 |
| 26 | BATHINDA | BATHINDA | S-NPP | 30.21327 | 75.11264 | 14:12:00 | D | 4.50 |
| 27 | BATHINDA | BATHINDA | S-NPP | 30.23483 | 75.14898 | 12:30:00 | D | 17.10 |
| 28 | BATHINDA | BATHINDA | S-NPP | 30.27549 | 74.99612 | 14:12:00 | D | 2.60 |
| 29 | BATHINDA | BATHINDA | S-NPP | 30.28865 | 75.02639 | 14:12:00 | D | 9.20 |
| 30 | BATHINDA | BATHINDA | S-NPP | 30.28895 | 75.03030 | 14:12:00 | D | 9.30 |

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|----|----------|--------------|-------|----------|----------|----------|---|-------|
| 31 | BATHINDA | BATHINDA | S-NPP | 30.29092 | 75.02606 | 14:12:00 | D | 8.30 |
| 32 | BATHINDA | BATHINDA | S-NPP | 30.29373 | 75.09331 | 14:12:00 | D | 9.80 |
| 33 | BATHINDA | BATHINDA | S-NPP | 30.29557 | 75.09306 | 14:12:00 | D | 8.20 |
| 34 | BATHINDA | BATHINDA | S-NPP | 30.31237 | 75.05192 | 14:12:00 | D | 6.10 |
| 35 | BATHINDA | BATHINDA | S-NPP | 30.31419 | 75.04763 | 14:12:00 | D | 4.70 |
| 36 | BATHINDA | BATHINDA | S-NPP | 30.31447 | 75.05157 | 14:12:00 | D | 7.10 |
| 37 | BATHINDA | BATHINDA | S-NPP | 30.31725 | 75.11519 | 14:12:00 | D | 5.90 |
| 38 | BATHINDA | BATHINDA | S-NPP | 30.31894 | 75.11494 | 14:12:00 | D | 6.40 |
| 39 | BATHINDA | BATHINDA | S-NPP | 30.32830 | 75.17036 | 14:12:00 | D | 4.20 |
| 40 | BATHINDA | BATHINDA | S-NPP | 30.34601 | 74.96197 | 14:12:00 | D | 11.30 |
| 41 | BATHINDA | BATHINDA | S-NPP | 30.35584 | 75.17189 | 14:12:00 | D | 11.00 |
| 42 | BATHINDA | RAMPURA PHUL | TERRA | 30.15300 | 75.19300 | 11:20:00 | D | 4.90 |
| 43 | BATHINDA | RAMPURA PHUL | S-NPP | 30.17795 | 75.31868 | 14:12:00 | D | 5.90 |
| 44 | BATHINDA | RAMPURA PHUL | S-NPP | 30.20785 | 75.27522 | 14:12:00 | D | 7.70 |
| 45 | BATHINDA | RAMPURA PHUL | S-NPP | 30.20815 | 75.27928 | 14:12:00 | D | 14.30 |
| 46 | BATHINDA | RAMPURA PHUL | S-NPP | 30.20835 | 75.27841 | 14:12:00 | D | 14.50 |
| 47 | BATHINDA | RAMPURA PHUL | S-NPP | 30.22267 | 75.32624 | 14:12:00 | D | 4.40 |
| 48 | BATHINDA | RAMPURA PHUL | S-NPP | 30.22278 | 75.32707 | 14:12:00 | D | 4.50 |
| 49 | BATHINDA | RAMPURA PHUL | S-NPP | 30.29877 | 75.23367 | 14:12:00 | D | 5.00 |
| 50 | BATHINDA | RAMPURA PHUL | S-NPP | 30.30486 | 75.14832 | 14:12:00 | D | 3.60 |
| 51 | BATHINDA | RAMPURA PHUL | S-NPP | 30.34702 | 75.25932 | 12:30:00 | D | 3.40 |
| 52 | BATHINDA | RAMPURA PHUL | S-NPP | 30.38309 | 75.16947 | 14:12:00 | D | 6.00 |
| 53 | BATHINDA | RAMPURA PHUL | S-NPP | 30.38647 | 75.14098 | 14:12:00 | D | 6.20 |
| 54 | BATHINDA | RAMPURA PHUL | S-NPP | 30.39192 | 75.14050 | 14:12:00 | D | 6.20 |
| 55 | BATHINDA | RAMPURA PHUL | S-NPP | 30.41986 | 75.29610 | 14:12:00 | D | 5.00 |
| 56 | BATHINDA | RAMPURA PHUL | S-NPP | 30.42001 | 75.29666 | 14:12:00 | D | 5.40 |
| 57 | BATHINDA | RAMPURA PHUL | TERRA | 30.42900 | 75.20300 | 11:20:00 | D | 5.70 |
| 58 | BATHINDA | RAMPURA PHUL | TERRA | 30.43000 | 75.19200 | 11:20:00 | D | 7.70 |
| 59 | BATHINDA | RAMPURA PHUL | S-NPP | 30.47364 | 75.19128 | 12:30:00 | D | 6.40 |
| 60 | BATHINDA | RAMPURA PHUL | S-NPP | 30.49058 | 75.05467 | 14:12:00 | D | 3.80 |
| 61 | BATHINDA | RAMPURA PHUL | S-NPP | 30.51715 | 75.17723 | 14:12:00 | D | 2.50 |
| 62 | BATHINDA | RAMPURA PHUL | S-NPP | 30.51949 | 75.07606 | 14:12:00 | D | 27.50 |
| 63 | BATHINDA | RAMPURA PHUL | S-NPP | 30.52114 | 75.07597 | 14:12:00 | D | 17.90 |

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|----|-----------------|-----------------|-------|----------|----------|----------|---|-------|
| 64 | BATHINDA | RAMPURA PHUL | S-NPP | 30.52160 | 75.17667 | 14:12:00 | D | 5.20 |
| 65 | BATHINDA | RAMPURA PHUL | S-NPP | 30.52645 | 75.16811 | 14:12:00 | D | 2.70 |
| 66 | BATHINDA | RAMPURA PHUL | S-NPP | 30.52752 | 75.16815 | 14:12:00 | D | 4.60 |
| 67 | BATHINDA | RAMPURA PHUL | S-NPP | 30.53191 | 75.16765 | 14:12:00 | D | 2.70 |
| 68 | BATHINDA | RAMPURA PHUL | S-NPP | 30.55339 | 75.14553 | 14:12:00 | D | 5.70 |
| 69 | BATHINDA | RAMPURA PHUL | S-NPP | 30.55368 | 75.14957 | 14:12:00 | D | 6.50 |
| 70 | BATHINDA | TALWANDI SABO | S-NPP | 29.86069 | 75.14907 | 14:12:00 | D | 3.90 |
| 71 | BATHINDA | TALWANDI SABO | S-NPP | 29.99286 | 75.04893 | 14:12:00 | D | 2.70 |
| 72 | BATHINDA | TALWANDI SABO | S-NPP | 29.99654 | 75.04975 | 14:12:00 | D | 3.50 |
| 73 | BATHINDA | TALWANDI SABO | S-NPP | 30.04237 | 75.13123 | 14:12:00 | D | 2.10 |
| 74 | BATHINDA | TALWANDI SABO | S-NPP | 30.10143 | 75.18977 | 14:12:00 | D | 7.80 |
| 75 | BATHINDA | TALWANDI SABO | S-NPP | 30.10261 | 75.18763 | 14:12:00 | D | 3.90 |
| 76 | BATHINDA | TALWANDI SABO | S-NPP | 30.10288 | 75.19161 | 14:12:00 | D | 6.40 |
| 77 | BATHINDA | TALWANDI SABO | S-NPP | 30.12494 | 75.19363 | 14:12:00 | D | 5.20 |
| 78 | FARIDKOT | FARIDKOT | S-NPP | 30.49624 | 74.79930 | 14:12:00 | D | 12.00 |
| 79 | FARIDKOT | FARIDKOT | S-NPP | 30.49817 | 74.79934 | 14:12:00 | D | 25.30 |
| 80 | FARIDKOT | FARIDKOT | S-NPP | 30.51309 | 74.80928 | 14:12:00 | D | 1.80 |
| 81 | FARIDKOT | FARIDKOT | S-NPP | 30.59408 | 74.88334 | 14:12:00 | D | 2.60 |
| 82 | FARIDKOT | FARIDKOT | S-NPP | 30.60508 | 74.74689 | 14:12:00 | D | 3.00 |
| 83 | FARIDKOT | FARIDKOT | S-NPP | 30.60802 | 74.74708 | 14:12:00 | D | 9.90 |
| 84 | FARIDKOT | FARIDKOT | S-NPP | 30.61859 | 74.81939 | 14:12:00 | D | 13.10 |
| 85 | FARIDKOT | FARIDKOT | S-NPP | 30.65071 | 74.66579 | 12:30:00 | D | 7.60 |
| 86 | FARIDKOT | FARIDKOT | S-NPP | 30.71222 | 74.51360 | 14:12:00 | D | 8.50 |
| 87 | FARIDKOT | FARIDKOT | S-NPP | 30.71249 | 74.51730 | 14:12:00 | D | 8.50 |
| 88 | FARIDKOT | JAITO | S-NPP | 30.42794 | 74.79430 | 14:12:00 | D | 5.50 |
| 89 | FARIDKOT | JAITO | S-NPP | 30.46039 | 74.86855 | 14:12:00 | D | 15.50 |
| 90 | FARIDKOT | JAITO | S-NPP | 30.46067 | 74.87240 | 14:12:00 | D | 22.10 |
| 91 | FARIDKOT | JAITO | S-NPP | 30.46644 | 74.80610 | 14:12:00 | D | 2.90 |
| 92 | FARIDKOT | JAITO | S-NPP | 30.48536 | 75.00505 | 12:30:00 | D | 4.70 |
| 93 | FARIDKOT | JAITO | S-NPP | 30.54604 | 74.96628 | 14:12:00 | D | 6.40 |
| 94 | FATEHGARH SAHIB | FATEHGARH SAHIB | S-NPP | 30.46510 | 76.35177 | 12:30:00 | D | 16.10 |
| 95 | FATEHGARH SAHIB | FATEHGARH SAHIB | AQUA | 30.48900 | 76.36400 | 12:55:00 | D | 27.90 |
| 96 | FAZILKA | ABOHAR | S-NPP | 29.96212 | 74.42188 | 14:12:00 | D | 6.40 |

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|-----|---------|---------|-------|----------|----------|----------|---|-------|
| 97 | FAZILKA | ABOHAR | S-NPP | 30.13569 | 74.35564 | 14:12:00 | D | 4.90 |
| 98 | FAZILKA | ABOHAR | S-NPP | 30.13681 | 74.35741 | 14:12:00 | D | 4.40 |
| 99 | FAZILKA | ABOHAR | S-NPP | 30.14604 | 74.35462 | 14:12:00 | D | 4.20 |
| 100 | FAZILKA | ABOHAR | S-NPP | 30.14690 | 74.35282 | 14:12:00 | D | 4.30 |
| 101 | FAZILKA | ABOHAR | S-NPP | 30.18554 | 74.31326 | 14:12:00 | D | 3.00 |
| 102 | FAZILKA | ABOHAR | S-NPP | 30.19070 | 74.31275 | 14:12:00 | D | 3.00 |
| 103 | FAZILKA | ABOHAR | S-NPP | 30.19915 | 74.22343 | 14:12:00 | D | 6.90 |
| 104 | FAZILKA | ABOHAR | S-NPP | 30.19943 | 74.22691 | 14:12:00 | D | 11.80 |
| 105 | FAZILKA | FAZILKA | TERRA | 30.18600 | 74.07700 | 11:20:00 | D | 5.10 |
| 106 | FAZILKA | FAZILKA | S-NPP | 30.20350 | 74.02540 | 14:12:00 | D | 6.90 |
| 107 | FAZILKA | FAZILKA | S-NPP | 30.20379 | 74.02880 | 14:12:00 | D | 6.90 |
| 108 | FAZILKA | FAZILKA | S-NPP | 30.21565 | 74.04816 | 14:12:00 | D | 3.20 |
| 109 | FAZILKA | FAZILKA | S-NPP | 30.21972 | 74.05693 | 14:12:00 | D | 5.20 |
| 110 | FAZILKA | FAZILKA | S-NPP | 30.22017 | 74.04085 | 14:12:00 | D | 2.00 |
| 111 | FAZILKA | FAZILKA | S-NPP | 30.22131 | 74.05445 | 14:12:00 | D | 4.00 |
| 112 | FAZILKA | FAZILKA | S-NPP | 30.22160 | 74.05785 | 14:12:00 | D | 4.80 |
| 113 | FAZILKA | FAZILKA | S-NPP | 30.22348 | 74.03934 | 14:12:00 | D | 2.70 |
| 114 | FAZILKA | FAZILKA | S-NPP | 30.24755 | 74.01978 | 14:12:00 | D | 2.30 |
| 115 | FAZILKA | FAZILKA | S-NPP | 30.25052 | 74.05723 | 14:12:00 | D | 1.90 |
| 116 | FAZILKA | FAZILKA | S-NPP | 30.25534 | 74.05330 | 14:12:00 | D | 1.90 |
| 117 | FAZILKA | FAZILKA | S-NPP | 30.29021 | 74.29845 | 14:12:00 | D | 6.70 |
| 118 | FAZILKA | FAZILKA | S-NPP | 30.29565 | 74.30149 | 14:12:00 | D | 5.60 |
| 119 | FAZILKA | FAZILKA | S-NPP | 30.30258 | 74.00391 | 14:12:00 | D | 1.40 |
| 120 | FAZILKA | FAZILKA | S-NPP | 30.30596 | 73.98309 | 14:12:00 | D | 6.10 |
| 121 | FAZILKA | FAZILKA | S-NPP | 30.30822 | 74.01019 | 14:12:00 | D | 3.70 |
| 122 | FAZILKA | FAZILKA | S-NPP | 30.30975 | 74.28227 | 14:12:00 | D | 4.20 |
| 123 | FAZILKA | FAZILKA | S-NPP | 30.31047 | 73.97581 | 14:12:00 | D | 2.80 |
| 124 | FAZILKA | FAZILKA | S-NPP | 30.31075 | 73.97919 | 14:12:00 | D | 6.10 |
| 125 | FAZILKA | FAZILKA | S-NPP | 30.31076 | 74.04082 | 14:12:00 | D | 8.10 |
| 126 | FAZILKA | FAZILKA | S-NPP | 30.31101 | 74.16917 | 14:12:00 | D | 8.50 |
| 127 | FAZILKA | FAZILKA | S-NPP | 30.31103 | 73.98257 | 14:12:00 | D | 6.10 |
| 128 | FAZILKA | FAZILKA | S-NPP | 30.31129 | 74.17265 | 14:12:00 | D | 10.80 |
| 129 | FAZILKA | FAZILKA | AQUA | 30.31200 | 74.23000 | 14:35:00 | D | 64.50 |

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|-----|---------|---------|-------|----------|----------|----------|---|-------|
| 130 | FAZILKA | FAZILKA | S-NPP | 30.31273 | 74.00288 | 14:12:00 | D | 1.70 |
| 131 | FAZILKA | FAZILKA | AQUA | 30.31400 | 74.27900 | 14:35:00 | D | 76.50 |
| 132 | FAZILKA | FAZILKA | AQUA | 30.31500 | 74.27000 | 14:35:00 | D | 90.90 |
| 133 | FAZILKA | FAZILKA | S-NPP | 30.31585 | 74.04031 | 14:12:00 | D | 8.10 |
| 134 | FAZILKA | FAZILKA | S-NPP | 30.31610 | 73.98206 | 14:12:00 | D | 3.90 |
| 135 | FAZILKA | FAZILKA | S-NPP | 30.31614 | 74.04372 | 14:12:00 | D | 8.10 |
| 136 | FAZILKA | FAZILKA | S-NPP | 30.31912 | 73.97993 | 14:12:00 | D | 5.30 |
| 137 | FAZILKA | FAZILKA | S-NPP | 30.31939 | 73.98331 | 14:12:00 | D | 7.40 |
| 138 | FAZILKA | FAZILKA | S-NPP | 30.32012 | 74.09167 | 14:12:00 | D | 3.60 |
| 139 | FAZILKA | FAZILKA | S-NPP | 30.32117 | 73.98156 | 14:12:00 | D | 3.90 |
| 140 | FAZILKA | FAZILKA | S-NPP | 30.32268 | 74.12263 | 14:12:00 | D | 5.40 |
| 141 | FAZILKA | FAZILKA | S-NPP | 30.32325 | 74.25607 | 14:12:00 | D | 1.90 |
| 142 | FAZILKA | FAZILKA | S-NPP | 30.32494 | 74.08771 | 14:12:00 | D | 4.00 |
| 143 | FAZILKA | FAZILKA | S-NPP | 30.32496 | 74.27723 | 14:12:00 | D | 5.40 |
| 144 | FAZILKA | FAZILKA | S-NPP | 30.32522 | 74.09116 | 14:12:00 | D | 4.00 |
| 145 | FAZILKA | FAZILKA | S-NPP | 30.32551 | 74.09460 | 14:12:00 | D | 7.20 |
| 146 | FAZILKA | FAZILKA | S-NPP | 30.32631 | 74.00656 | 14:12:00 | D | 3.20 |
| 147 | FAZILKA | FAZILKA | S-NPP | 30.32825 | 74.00475 | 14:12:00 | D | 6.70 |
| 148 | FAZILKA | FAZILKA | S-NPP | 30.33212 | 74.30145 | 14:12:00 | D | 2.30 |
| 149 | FAZILKA | FAZILKA | S-NPP | 30.33291 | 74.09209 | 14:12:00 | D | 4.10 |
| 150 | FAZILKA | FAZILKA | S-NPP | 30.33543 | 74.09013 | 14:12:00 | D | 2.90 |
| 151 | FAZILKA | FAZILKA | S-NPP | 30.33589 | 74.06409 | 14:12:00 | D | 1.60 |
| 152 | FAZILKA | FAZILKA | S-NPP | 30.34062 | 74.15223 | 14:12:00 | D | 2.30 |
| 153 | FAZILKA | FAZILKA | S-NPP | 30.34189 | 74.29337 | 14:12:00 | D | 2.80 |
| 154 | FAZILKA | FAZILKA | S-NPP | 30.34290 | 74.29169 | 14:12:00 | D | 4.50 |
| 155 | FAZILKA | FAZILKA | S-NPP | 30.34706 | 74.29287 | 14:12:00 | D | 2.80 |
| 156 | FAZILKA | FAZILKA | S-NPP | 30.35263 | 74.11134 | 12:30:00 | D | 9.80 |
| 157 | FAZILKA | FAZILKA | S-NPP | 30.35386 | 74.03121 | 14:12:00 | D | 2.30 |
| 158 | FAZILKA | FAZILKA | S-NPP | 30.35528 | 74.12038 | 12:30:00 | D | 8.00 |
| 159 | FAZILKA | FAZILKA | S-NPP | 30.35575 | 74.05515 | 14:12:00 | D | 3.90 |
| 160 | FAZILKA | FAZILKA | S-NPP | 30.35807 | 73.95543 | 14:12:00 | D | 3.80 |
| 161 | FAZILKA | FAZILKA | S-NPP | 30.36009 | 74.29324 | 12:30:00 | D | 4.70 |
| 162 | FAZILKA | FAZILKA | S-NPP | 30.36166 | 74.06492 | 14:12:00 | D | 14.60 |

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|-----|---------|---------|-------|----------|----------|----------|---|-------|
| 163 | FAZILKA | FAZILKA | S-NPP | 30.36193 | 74.06835 | 14:12:00 | D | 19.70 |
| 164 | FAZILKA | FAZILKA | S-NPP | 30.36975 | 74.10229 | 14:12:00 | D | 2.80 |
| 165 | FAZILKA | FAZILKA | S-NPP | 30.37003 | 74.10575 | 14:12:00 | D | 2.80 |
| 166 | FAZILKA | FAZILKA | S-NPP | 30.37773 | 74.06978 | 12:30:00 | D | 6.10 |
| 167 | FAZILKA | FAZILKA | S-NPP | 30.37805 | 74.07713 | 14:12:00 | D | 3.60 |
| 168 | FAZILKA | FAZILKA | S-NPP | 30.38450 | 73.96636 | 14:12:00 | D | 8.10 |
| 169 | FAZILKA | FAZILKA | S-NPP | 30.38680 | 73.93207 | 14:12:00 | D | 4.30 |
| 170 | FAZILKA | FAZILKA | S-NPP | 30.38785 | 74.13535 | 14:12:00 | D | 19.30 |
| 171 | FAZILKA | FAZILKA | S-NPP | 30.38882 | 73.93314 | 12:30:00 | D | 2.60 |
| 172 | FAZILKA | FAZILKA | S-NPP | 30.38923 | 74.15268 | 14:12:00 | D | 5.00 |
| 173 | FAZILKA | FAZILKA | S-NPP | 30.38950 | 74.15616 | 14:12:00 | D | 7.60 |
| 174 | FAZILKA | FAZILKA | S-NPP | 30.38989 | 74.22652 | 14:12:00 | D | 7.80 |
| 175 | FAZILKA | FAZILKA | S-NPP | 30.39105 | 73.93462 | 12:30:00 | D | 3.10 |
| 176 | FAZILKA | FAZILKA | S-NPP | 30.39681 | 74.31494 | 14:12:00 | D | 2.80 |
| 177 | FAZILKA | FAZILKA | S-NPP | 30.39781 | 74.13084 | 14:12:00 | D | 21.20 |
| 178 | FAZILKA | FAZILKA | S-NPP | 30.39809 | 74.13430 | 14:12:00 | D | 37.30 |
| 179 | FAZILKA | FAZILKA | S-NPP | 30.40294 | 74.13032 | 14:12:00 | D | 15.20 |
| 180 | FAZILKA | FAZILKA | S-NPP | 30.40301 | 74.06767 | 14:12:00 | D | 3.40 |
| 181 | FAZILKA | FAZILKA | S-NPP | 30.40321 | 74.13379 | 14:12:00 | D | 19.90 |
| 182 | FAZILKA | FAZILKA | S-NPP | 30.40357 | 74.07455 | 14:12:00 | D | 4.40 |
| 183 | FAZILKA | FAZILKA | S-NPP | 30.40553 | 74.09869 | 14:12:00 | D | 6.60 |
| 184 | FAZILKA | FAZILKA | S-NPP | 30.40568 | 74.11552 | 12:30:00 | D | 4.80 |
| 185 | FAZILKA | FAZILKA | S-NPP | 30.41008 | 74.09126 | 14:12:00 | D | 3.20 |
| 186 | FAZILKA | FAZILKA | S-NPP | 30.41086 | 74.16456 | 14:12:00 | D | 6.90 |
| 187 | FAZILKA | FAZILKA | S-NPP | 30.41114 | 74.16804 | 14:12:00 | D | 7.80 |
| 188 | FAZILKA | FAZILKA | S-NPP | 30.42314 | 74.12481 | 14:12:00 | D | 5.10 |
| 189 | FAZILKA | FAZILKA | S-NPP | 30.42370 | 74.20425 | 12:30:00 | D | 6.40 |
| 190 | FAZILKA | FAZILKA | S-NPP | 30.42936 | 74.26527 | 14:12:00 | D | 2.40 |
| 191 | FAZILKA | FAZILKA | S-NPP | 30.42996 | 74.20848 | 14:12:00 | D | 3.80 |
| 192 | FAZILKA | FAZILKA | S-NPP | 30.43270 | 74.08112 | 14:12:00 | D | 11.70 |
| 193 | FAZILKA | FAZILKA | S-NPP | 30.43282 | 74.17997 | 14:12:00 | D | 1.40 |
| 194 | FAZILKA | FAZILKA | AQUA | 30.43300 | 74.16200 | 14:35:00 | D | 85.90 |
| 195 | FAZILKA | FAZILKA | AQUA | 30.43400 | 74.16600 | 14:35:00 | D | 90.50 |

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| 196 | FAZILKA | FAZILKA | AQUA | 30.43500 | 74.21000 | 14:35:00 | D | 62.20 |
| 197 | FAZILKA | FAZILKA | S-NPP | 30.43505 | 74.08181 | 14:12:00 | D | 11.70 |
| 198 | FAZILKA | FAZILKA | AQUA | 30.43700 | 74.21400 | 14:35:00 | D | 55.80 |
| 199 | FAZILKA | FAZILKA | S-NPP | 30.43997 | 74.20396 | 14:12:00 | D | 11.40 |
| 200 | FAZILKA | FAZILKA | S-NPP | 30.44051 | 74.14758 | 14:12:00 | D | 3.00 |
| 201 | FAZILKA | FAZILKA | S-NPP | 30.44166 | 74.16152 | 14:12:00 | D | 5.10 |
| 202 | FAZILKA | FAZILKA | S-NPP | 30.44194 | 74.20296 | 14:12:00 | D | 9.40 |
| 203 | FAZILKA | FAZILKA | S-NPP | 30.44220 | 74.20647 | 14:12:00 | D | 10.90 |
| 204 | FAZILKA | FAZILKA | S-NPP | 30.44228 | 74.29616 | 14:12:00 | D | 3.50 |
| 205 | FAZILKA | FAZILKA | S-NPP | 30.44284 | 74.14648 | 14:12:00 | D | 4.00 |
| 206 | FAZILKA | FAZILKA | S-NPP | 30.44310 | 74.14997 | 14:12:00 | D | 4.20 |
| 207 | FAZILKA | FAZILKA | S-NPP | 30.44390 | 74.16044 | 14:12:00 | D | 4.40 |
| 208 | FAZILKA | FAZILKA | S-NPP | 30.44416 | 74.16393 | 14:12:00 | D | 5.90 |
| 209 | FAZILKA | FAZILKA | S-NPP | 30.44540 | 74.20696 | 14:12:00 | D | 9.90 |
| 210 | FAZILKA | FAZILKA | S-NPP | 30.44564 | 74.14708 | 14:12:00 | D | 2.40 |
| 211 | FAZILKA | FAZILKA | S-NPP | 30.44645 | 73.99327 | 14:12:00 | D | 0.80 |
| 212 | FAZILKA | FAZILKA | S-NPP | 30.44801 | 74.23861 | 14:12:00 | D | 9.00 |
| 213 | FAZILKA | FAZILKA | S-NPP | 30.44829 | 74.24213 | 14:12:00 | D | 7.90 |
| 214 | FAZILKA | FAZILKA | S-NPP | 30.44975 | 74.23767 | 14:12:00 | D | 9.10 |
| 215 | FAZILKA | FAZILKA | S-NPP | 30.45001 | 74.24120 | 14:12:00 | D | 10.40 |
| 216 | FAZILKA | FAZILKA | S-NPP | 30.45113 | 74.21347 | 14:12:00 | D | 2.90 |
| 217 | FAZILKA | FAZILKA | S-NPP | 30.45303 | 74.21247 | 14:12:00 | D | 2.70 |
| 218 | FAZILKA | FAZILKA | S-NPP | 30.45443 | 74.16289 | 14:12:00 | D | 2.20 |
| 219 | FAZILKA | FAZILKA | S-NPP | 30.45744 | 74.06818 | 14:12:00 | D | 0.80 |
| 220 | FAZILKA | FAZILKA | S-NPP | 30.45954 | 73.96450 | 14:12:00 | D | 5.70 |
| 221 | FAZILKA | FAZILKA | S-NPP | 30.45957 | 74.02986 | 14:12:00 | D | 3.80 |
| 222 | FAZILKA | FAZILKA | S-NPP | 30.46710 | 74.06026 | 14:12:00 | D | 1.40 |
| 223 | FAZILKA | FAZILKA | S-NPP | 30.46913 | 74.08138 | 12:30:00 | D | 4.80 |
| 224 | FAZILKA | FAZILKA | S-NPP | 30.47044 | 74.08318 | 12:30:00 | D | 7.20 |
| 225 | FAZILKA | FAZILKA | S-NPP | 30.52183 | 74.03741 | 14:12:00 | D | 2.80 |
| 226 | FAZILKA | JALALABAD | S-NPP | 30.45721 | 74.33712 | 14:12:00 | D | 2.90 |
| 227 | FAZILKA | JALALABAD | S-NPP | 30.45838 | 74.28316 | 14:12:00 | D | 3.30 |
| 228 | FAZILKA | JALALABAD | S-NPP | 30.46130 | 74.33740 | 14:12:00 | D | 5.90 |

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| 229 | FAZILKA | JALALABAD | S-NPP | 30.46211 | 74.28358 | 14:12:00 | D | 3.40 |
| 230 | FAZILKA | JALALABAD | S-NPP | 30.46239 | 74.33660 | 14:12:00 | D | 2.70 |
| 231 | FAZILKA | JALALABAD | S-NPP | 30.47717 | 74.25628 | 14:12:00 | D | 1.50 |
| 232 | FAZILKA | JALALABAD | S-NPP | 30.49492 | 74.35155 | 14:12:00 | D | 6.90 |
| 233 | FAZILKA | JALALABAD | S-NPP | 30.50189 | 74.23962 | 14:12:00 | D | 5.50 |
| 234 | FAZILKA | JALALABAD | S-NPP | 30.50504 | 74.34695 | 14:12:00 | D | 6.60 |
| 235 | FAZILKA | JALALABAD | S-NPP | 30.50532 | 74.35053 | 14:12:00 | D | 7.00 |
| 236 | FAZILKA | JALALABAD | S-NPP | 30.50705 | 74.23911 | 14:12:00 | D | 10.30 |
| 237 | FAZILKA | JALALABAD | S-NPP | 30.51039 | 74.22450 | 12:30:00 | D | 2.50 |
| 238 | FAZILKA | JALALABAD | S-NPP | 30.51039 | 74.28163 | 14:12:00 | D | 6.30 |
| 239 | FAZILKA | JALALABAD | S-NPP | 30.51067 | 74.28519 | 14:12:00 | D | 10.20 |
| 240 | FAZILKA | JALALABAD | S-NPP | 30.51193 | 74.23505 | 14:12:00 | D | 10.30 |
| 241 | FAZILKA | JALALABAD | S-NPP | 30.51372 | 74.19228 | 14:12:00 | D | 4.50 |
| 242 | FAZILKA | JALALABAD | S-NPP | 30.51894 | 74.12834 | 14:12:00 | D | 16.00 |
| 243 | FAZILKA | JALALABAD | S-NPP | 30.52280 | 74.34693 | 12:30:00 | D | 2.60 |
| 244 | FAZILKA | JALALABAD | S-NPP | 30.52288 | 74.34431 | 12:30:00 | D | 2.70 |
| 245 | FAZILKA | JALALABAD | S-NPP | 30.52582 | 74.34494 | 14:12:00 | D | 3.00 |
| 246 | FAZILKA | JALALABAD | TERRA | 30.53400 | 74.33900 | 11:20:00 | D | 22.60 |
| 247 | FAZILKA | JALALABAD | S-NPP | 30.53592 | 74.34035 | 14:12:00 | D | 2.90 |
| 248 | FAZILKA | JALALABAD | S-NPP | 30.54455 | 74.38303 | 14:12:00 | D | 3.10 |
| 249 | FAZILKA | JALALABAD | S-NPP | 30.54573 | 74.13972 | 14:12:00 | D | 4.60 |
| 250 | FAZILKA | JALALABAD | S-NPP | 30.54733 | 74.13934 | 14:12:00 | D | 5.00 |
| 251 | FAZILKA | JALALABAD | TERRA | 30.55000 | 74.30000 | 11:20:00 | D | 3.90 |
| 252 | FAZILKA | JALALABAD | S-NPP | 30.55209 | 74.34600 | 14:12:00 | D | 5.60 |
| 253 | FAZILKA | JALALABAD | S-NPP | 30.55237 | 74.34960 | 14:12:00 | D | 5.60 |
| 254 | FAZILKA | JALALABAD | S-NPP | 30.55381 | 74.36759 | 14:12:00 | D | 6.30 |
| 255 | FAZILKA | JALALABAD | S-NPP | 30.55410 | 74.37119 | 14:12:00 | D | 6.30 |
| 256 | FAZILKA | JALALABAD | S-NPP | 30.55439 | 74.37479 | 14:12:00 | D | 9.50 |
| 257 | FAZILKA | JALALABAD | S-NPP | 30.56436 | 74.09201 | 14:12:00 | D | 2.60 |
| 258 | FAZILKA | JALALABAD | S-NPP | 30.56972 | 74.36971 | 14:12:00 | D | 7.10 |
| 259 | FAZILKA | JALALABAD | S-NPP | 30.56982 | 74.36971 | 14:12:00 | D | 8.00 |
| 260 | FAZILKA | JALALABAD | S-NPP | 30.57001 | 74.37331 | 14:12:00 | D | 12.80 |
| 261 | FAZILKA | JALALABAD | S-NPP | 30.57317 | 74.34762 | 14:12:00 | D | 3.50 |

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| 262 | FAZILKA | JALALABAD | S-NPP | 30.57341 | 74.34758 | 14:12:00 | D | 3.90 |
| 263 | FAZILKA | JALALABAD | S-NPP | 30.57867 | 74.21052 | 14:12:00 | D | 6.30 |
| 264 | FAZILKA | JALALABAD | S-NPP | 30.58002 | 74.16075 | 14:12:00 | D | 2.90 |
| 265 | FAZILKA | JALALABAD | S-NPP | 30.58029 | 74.16425 | 14:12:00 | D | 4.60 |
| 266 | FAZILKA | JALALABAD | S-NPP | 30.59475 | 74.35272 | 14:12:00 | D | 5.90 |
| 267 | FAZILKA | JALALABAD | S-NPP | 30.59503 | 74.35633 | 14:12:00 | D | 7.20 |
| 268 | FAZILKA | JALALABAD | AQUA | 30.60300 | 74.38300 | 14:35:00 | D | 51.30 |
| 269 | FAZILKA | JALALABAD | S-NPP | 30.60381 | 74.40285 | 14:12:00 | D | 2.30 |
| 270 | FAZILKA | JALALABAD | AQUA | 30.60700 | 74.38700 | 14:35:00 | D | 52.30 |
| 271 | FAZILKA | JALALABAD | S-NPP | 30.60759 | 74.31524 | 14:12:00 | D | 31.70 |
| 272 | FAZILKA | JALALABAD | S-NPP | 30.60786 | 74.31883 | 14:12:00 | D | 20.20 |
| 273 | FAZILKA | JALALABAD | S-NPP | 30.61286 | 74.38372 | 14:12:00 | D | 2.80 |
| 274 | FAZILKA | JALALABAD | S-NPP | 30.61533 | 74.21399 | 14:12:00 | D | 3.30 |
| 275 | FAZILKA | JALALABAD | S-NPP | 30.61561 | 74.21752 | 14:12:00 | D | 3.80 |
| 276 | FAZILKA | JALALABAD | S-NPP | 30.61993 | 74.20641 | 14:12:00 | D | 10.80 |
| 277 | FAZILKA | JALALABAD | S-NPP | 30.62002 | 74.40859 | 14:12:00 | D | 16.50 |
| 278 | FAZILKA | JALALABAD | S-NPP | 30.62021 | 74.20995 | 14:12:00 | D | 13.00 |
| 279 | FAZILKA | JALALABAD | S-NPP | 30.62030 | 74.41223 | 14:12:00 | D | 13.80 |
| 280 | FAZILKA | JALALABAD | S-NPP | 30.63072 | 74.27692 | 14:12:00 | D | 4.20 |
| 281 | FAZILKA | JALALABAD | S-NPP | 30.63128 | 74.28407 | 14:12:00 | D | 4.30 |
| 282 | FAZILKA | JALALABAD | S-NPP | 30.64346 | 74.43938 | 14:12:00 | D | 36.50 |
| 283 | FAZILKA | JALALABAD | S-NPP | 30.64403 | 74.44669 | 14:12:00 | D | 37.80 |
| 284 | FAZILKA | JALALABAD | S-NPP | 30.65001 | 74.25707 | 14:12:00 | D | 2.50 |
| 285 | FAZILKA | JALALABAD | S-NPP | 30.65134 | 74.40557 | 14:12:00 | D | 9.20 |
| 286 | FAZILKA | JALALABAD | S-NPP | 30.65163 | 74.40921 | 14:12:00 | D | 23.20 |
| 287 | FAZILKA | JALALABAD | S-NPP | 30.65862 | 74.23473 | 14:12:00 | D | 7.20 |
| 288 | FAZILKA | JALALABAD | S-NPP | 30.65986 | 74.23374 | 14:12:00 | D | 7.60 |
| 289 | FAZILKA | JALALABAD | S-NPP | 30.66092 | 74.39365 | 14:12:00 | D | 10.90 |
| 290 | FAZILKA | JALALABAD | S-NPP | 30.66143 | 74.26027 | 12:30:00 | D | 6.80 |
| 291 | FAZILKA | JALALABAD | S-NPP | 30.66585 | 74.38953 | 14:12:00 | D | 2.70 |
| 292 | FAZILKA | JALALABAD | S-NPP | 30.66608 | 74.38881 | 14:12:00 | D | 2.60 |
| 293 | FAZILKA | JALALABAD | S-NPP | 30.68399 | 74.34689 | 14:12:00 | D | 2.30 |
| 294 | FAZILKA | JALALABAD | S-NPP | 30.75315 | 74.29298 | 14:12:00 | D | 1.00 |

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| 295 | FIROZPUR | FIROZPUR | S-NPP | 30.73993 | 74.89390 | 14:12:00 | D | 6.40 |
| 296 | FIROZPUR | FIROZPUR | S-NPP | 30.80012 | 74.82972 | 14:12:00 | D | 2.00 |
| 297 | FIROZPUR | FIROZPUR | S-NPP | 30.89588 | 74.66071 | 14:12:00 | D | 2.90 |
| 298 | FIROZPUR | FIROZPUR | S-NPP | 30.89744 | 74.66101 | 14:12:00 | D | 2.70 |
| 299 | FIROZPUR | ZIRA | S-NPP | 30.87560 | 75.10078 | 14:12:00 | D | 13.20 |
| 300 | FIROZPUR | ZIRA | S-NPP | 30.87901 | 75.14943 | 14:12:00 | D | 6.40 |
| 301 | FIROZPUR | ZIRA | S-NPP | 30.87930 | 75.15350 | 14:12:00 | D | 6.60 |
| 302 | FIROZPUR | ZIRA | S-NPP | 30.88938 | 75.14034 | 14:12:00 | D | 6.50 |
| 303 | FIROZPUR | ZIRA | S-NPP | 30.91620 | 75.24096 | 12:30:00 | D | 6.00 |
| 304 | FIROZPUR | ZIRA | S-NPP | 30.92114 | 75.19920 | 14:12:00 | D | 4.60 |
| 305 | FIROZPUR | ZIRA | S-NPP | 30.95594 | 75.25995 | 12:30:00 | D | 3.80 |
| 306 | FIROZPUR | ZIRA | S-NPP | 31.02071 | 74.94774 | 14:12:00 | D | 1.80 |
| 307 | JALANDHAR | JALANDHAR I | S-NPP | 31.40884 | 75.72267 | 14:12:00 | D | 3.80 |
| 308 | JALANDHAR | NAKODAR | S-NPP | 31.03341 | 75.46229 | 12:30:00 | D | 4.60 |
| 309 | JALANDHAR | PHILLAUR | S-NPP | 30.99758 | 75.58501 | 12:30:00 | D | 5.80 |
| 310 | JALANDHAR | SHAHKOT | S-NPP | 31.06577 | 75.29249 | 14:12:00 | D | 3.20 |
| 311 | LUDHIANA | JAGRAON | S-NPP | 30.69755 | 75.39419 | 14:12:00 | D | 6.80 |
| 312 | LUDHIANA | JAGRAON | S-NPP | 30.73392 | 75.51428 | 14:12:00 | D | 8.30 |
| 313 | LUDHIANA | JAGRAON | TERRA | 30.80700 | 75.55700 | 11:20:00 | D | 4.90 |
| 314 | LUDHIANA | JAGRAON | S-NPP | 30.87148 | 75.44697 | 14:12:00 | D | 8.40 |
| 315 | LUDHIANA | JAGRAON | S-NPP | 30.88071 | 75.50188 | 14:12:00 | D | 4.20 |
| 316 | LUDHIANA | JAGRAON | S-NPP | 30.92101 | 75.43426 | 14:12:00 | D | 10.80 |
| 317 | LUDHIANA | JAGRAON | S-NPP | 30.93008 | 75.40370 | 14:12:00 | D | 4.30 |
| 318 | LUDHIANA | JAGRAON | S-NPP | 30.96382 | 75.60986 | 12:30:00 | D | 2.80 |
| 319 | LUDHIANA | LUDHIANA EAST | S-NPP | 30.71605 | 75.77206 | 12:30:00 | D | 6.00 |
| 320 | LUDHIANA | LUDHIANA EAST | S-NPP | 30.74699 | 75.81145 | 12:30:00 | D | 2.80 |
| 321 | LUDHIANA | LUDHIANA WEST | S-NPP | 30.79107 | 75.72787 | 14:12:00 | D | 6.00 |
| 322 | LUDHIANA | LUDHIANA WEST | S-NPP | 30.82709 | 75.72261 | 12:30:00 | D | 5.80 |
| 323 | LUDHIANA | PAYAL | S-NPP | 30.67297 | 75.94373 | 12:30:00 | D | 3.40 |
| 324 | LUDHIANA | PAYAL | S-NPP | 30.77222 | 75.98966 | 14:12:00 | D | 5.70 |
| 325 | LUDHIANA | PAYAL | S-NPP | 30.77287 | 75.98617 | 14:12:00 | D | 6.70 |
| 326 | LUDHIANA | RAIKOT | S-NPP | 30.68447 | 75.81407 | 14:12:00 | D | 1.90 |
| 327 | LUDHIANA | RAIKOT | S-NPP | 30.68620 | 75.81570 | 14:12:00 | D | 5.10 |

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| 328 | LUDHIANA | RAIKOT | S-NPP | 30.71416 | 75.77253 | 12:30:00 | D | 5.70 |
| 329 | LUDHIANA | RAIKOT | S-NPP | 30.72804 | 75.71701 | 12:30:00 | D | 21.40 |
| 330 | LUDHIANA | SAMRALA | S-NPP | 30.75365 | 76.14878 | 14:12:00 | D | 1.90 |
| 331 | MANSA | BUDHLADA | TERRA | 29.91200 | 75.48600 | 11:20:00 | D | 5.30 |
| 332 | MANSA | BUDHLADA | S-NPP | 29.91338 | 75.48919 | 14:12:00 | D | 2.30 |
| 333 | MANSA | BUDHLADA | S-NPP | 29.91385 | 75.48901 | 14:12:00 | D | 2.20 |
| 334 | MANSA | BUDHLADA | S-NPP | 29.91695 | 75.47025 | 12:30:00 | D | 5.20 |
| 335 | MANSA | BUDHLADA | S-NPP | 29.92331 | 75.46800 | 12:30:00 | D | 5.20 |
| 336 | MANSA | MANSA | S-NPP | 29.93814 | 75.44545 | 14:12:00 | D | 2.40 |
| 337 | MANSA | MANSA | S-NPP | 30.06286 | 75.57198 | 14:12:00 | D | 4.90 |
| 338 | MANSA | MANSA | S-NPP | 30.09443 | 75.31577 | 14:12:00 | D | 3.10 |
| 339 | MANSA | MANSA | S-NPP | 30.18880 | 75.39182 | 14:12:00 | D | 4.10 |
| 340 | MANSA | SARDULGARH | S-NPP | 29.58575 | 75.31394 | 14:12:00 | D | 7.40 |
| 341 | MANSA | SARDULGARH | S-NPP | 29.58614 | 75.31287 | 14:12:00 | D | 8.60 |
| 342 | MANSA | SARDULGARH | TERRA | 29.59100 | 75.23800 | 11:20:00 | D | 4.20 |
| 343 | MANSA | SARDULGARH | S-NPP | 29.68373 | 75.20611 | 14:12:00 | D | 5.00 |
| 344 | MANSA | SARDULGARH | S-NPP | 29.68401 | 75.21004 | 14:12:00 | D | 5.00 |
| 345 | MANSA | SARDULGARH | S-NPP | 29.68814 | 75.21176 | 14:12:00 | D | 5.00 |
| 346 | MANSA | SARDULGARH | S-NPP | 29.71079 | 75.36810 | 12:30:00 | D | 3.80 |
| 347 | MANSA | SARDULGARH | S-NPP | 29.72153 | 75.35105 | 14:12:00 | D | 3.70 |
| 348 | MANSA | SARDULGARH | TERRA | 29.73700 | 75.30300 | 11:20:00 | D | 5.40 |
| 349 | MANSA | SARDULGARH | S-NPP | 29.76892 | 75.39563 | 14:12:00 | D | 6.90 |
| 350 | MANSA | SARDULGARH | S-NPP | 29.79584 | 75.36121 | 12:30:00 | D | 3.40 |
| 351 | MANSA | SARDULGARH | S-NPP | 29.81683 | 75.22063 | 14:12:00 | D | 7.00 |
| 352 | MANSA | SARDULGARH | S-NPP | 29.81711 | 75.22459 | 14:12:00 | D | 12.70 |
| 353 | MANSA | SARDULGARH | S-NPP | 29.91256 | 75.23985 | 14:12:00 | D | 2.40 |
| 354 | MANSA | SARDULGARH | S-NPP | 29.92449 | 75.26646 | 12:30:00 | D | 4.20 |
| 355 | MOGA | BAGHA PURANA | S-NPP | 30.48750 | 74.99831 | 12:30:00 | D | 5.70 |
| 356 | MOGA | BAGHA PURANA | S-NPP | 30.51544 | 75.07246 | 14:12:00 | D | 17.90 |
| 357 | MOGA | BAGHA PURANA | S-NPP | 30.51919 | 75.07208 | 14:12:00 | D | 27.50 |
| 358 | MOGA | BAGHA PURANA | S-NPP | 30.52086 | 75.07198 | 14:12:00 | D | 17.90 |
| 359 | MOGA | BAGHA PURANA | S-NPP | 30.53378 | 75.02289 | 14:12:00 | D | 2.80 |
| 360 | MOGA | BAGHA PURANA | S-NPP | 30.59127 | 75.13812 | 14:12:00 | D | 2.70 |

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|-----|---------|------------------|-------|----------|----------|----------|---|-------|
| 361 | MOGA | BAGHA PURANA | S-NPP | 30.60771 | 75.06412 | 14:12:00 | D | 4.50 |
| 362 | MOGA | BAGHA PURANA | S-NPP | 30.60864 | 75.06494 | 14:12:00 | D | 4.00 |
| 363 | MOGA | BAGHA PURANA | S-NPP | 30.61546 | 75.16542 | 14:12:00 | D | 3.10 |
| 364 | MOGA | BAGHA PURANA | S-NPP | 30.61547 | 75.16845 | 14:12:00 | D | 4.20 |
| 365 | MOGA | BAGHA PURANA | S-NPP | 30.72800 | 75.03403 | 14:12:00 | D | 1.90 |
| 366 | MOGA | BAGHA PURANA | S-NPP | 30.73205 | 75.03379 | 14:12:00 | D | 2.50 |
| 367 | MOGA | MOGA | AQUA | 30.74400 | 75.17900 | 12:55:00 | D | 37.90 |
| 368 | MOGA | MOGA | AQUA | 30.74800 | 75.17500 | 12:55:00 | D | 33.30 |
| 369 | MOGA | MOGA | S-NPP | 30.78458 | 75.06111 | 14:12:00 | D | 4.20 |
| 370 | MOGA | MOGA | S-NPP | 30.81168 | 75.24088 | 12:30:00 | D | 5.40 |
| 371 | MOGA | NIHAL SINGH WALA | S-NPP | 30.65273 | 75.22750 | 14:12:00 | D | 3.40 |
| 372 | MUKTSAR | GIDDARBAHA | S-NPP | 30.17304 | 74.63114 | 14:12:00 | D | 5.80 |
| 373 | MUKTSAR | GIDDARBAHA | S-NPP | 30.18607 | 74.59276 | 14:12:00 | D | 3.60 |
| 374 | MUKTSAR | GIDDARBAHA | S-NPP | 30.18912 | 74.63332 | 14:12:00 | D | 6.10 |
| 375 | MUKTSAR | GIDDARBAHA | S-NPP | 30.19132 | 74.59224 | 14:12:00 | D | 3.60 |
| 376 | MUKTSAR | GIDDARBAHA | S-NPP | 30.19490 | 74.56973 | 14:12:00 | D | 3.90 |
| 377 | MUKTSAR | GIDDARBAHA | S-NPP | 30.22992 | 74.54424 | 14:12:00 | D | 2.40 |
| 378 | MUKTSAR | GIDDARBAHA | S-NPP | 30.29901 | 74.68972 | 14:12:00 | D | 4.40 |
| 379 | MUKTSAR | GIDDARBAHA | S-NPP | 30.31905 | 74.67276 | 14:12:00 | D | 2.50 |
| 380 | MUKTSAR | GIDDARBAHA | S-NPP | 30.32564 | 74.61969 | 14:12:00 | D | 4.20 |
| 381 | MUKTSAR | GIDDARBAHA | S-NPP | 30.34895 | 74.61150 | 12:30:00 | D | 12.00 |
| 382 | MUKTSAR | GIDDARBAHA | S-NPP | 30.34908 | 74.61741 | 12:30:00 | D | 9.50 |
| 383 | MUKTSAR | GIDDARBAHA | S-NPP | 30.35371 | 74.60816 | 12:30:00 | D | 8.90 |
| 384 | MUKTSAR | GIDDARBAHA | S-NPP | 30.36537 | 74.59595 | 14:12:00 | D | 2.30 |
| 385 | MUKTSAR | GIDDARBAHA | S-NPP | 30.36634 | 74.59713 | 14:12:00 | D | 2.90 |
| 386 | MUKTSAR | GIDDARBAHA | S-NPP | 30.38093 | 74.73761 | 14:12:00 | D | 3.50 |
| 387 | MUKTSAR | GIDDARBAHA | S-NPP | 30.38122 | 74.73217 | 12:30:00 | D | 3.70 |
| 388 | MUKTSAR | GIDDARBAHA | S-NPP | 30.38199 | 74.60555 | 14:12:00 | D | 3.20 |
| 389 | MUKTSAR | GIDDARBAHA | S-NPP | 30.38274 | 74.60307 | 14:12:00 | D | 2.80 |
| 390 | MUKTSAR | GIDDARBAHA | S-NPP | 30.38284 | 74.73859 | 14:12:00 | D | 3.60 |
| 391 | MUKTSAR | GIDDARBAHA | S-NPP | 30.41076 | 74.75227 | 12:30:00 | D | 5.30 |
| 392 | MUKTSAR | GIDDARBAHA | AQUA | 30.41300 | 74.74700 | 12:55:00 | D | 45.20 |
| 393 | MUKTSAR | GIDDARBAHA | AQUA | 30.41400 | 74.73900 | 12:55:00 | D | 42.90 |

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|-----|---------|------------|-------|----------|----------|----------|---|-------|
| 394 | MUKTSAR | GIDDARBAHA | S-NPP | 30.41466 | 74.74934 | 12:30:00 | D | 7.20 |
| 395 | MUKTSAR | MALAUT | S-NPP | 29.96571 | 74.67725 | 14:12:00 | D | 14.40 |
| 396 | MUKTSAR | MALAUT | S-NPP | 29.96691 | 74.67866 | 14:12:00 | D | 18.90 |
| 397 | MUKTSAR | MALAUT | S-NPP | 29.97068 | 74.53313 | 14:12:00 | D | 2.30 |
| 398 | MUKTSAR | MALAUT | S-NPP | 29.97098 | 74.67673 | 14:12:00 | D | 8.60 |
| 399 | MUKTSAR | MALAUT | S-NPP | 29.98393 | 74.56838 | 14:12:00 | D | 15.90 |
| 400 | MUKTSAR | MALAUT | S-NPP | 29.98421 | 74.57202 | 14:12:00 | D | 28.90 |
| 401 | MUKTSAR | MALAUT | S-NPP | 29.99299 | 74.54922 | 14:12:00 | D | 2.60 |
| 402 | MUKTSAR | MALAUT | S-NPP | 29.99636 | 74.45808 | 14:12:00 | D | 6.10 |
| 403 | MUKTSAR | MALAUT | S-NPP | 30.00772 | 74.60284 | 14:12:00 | D | 1.80 |
| 404 | MUKTSAR | MALAUT | S-NPP | 30.01048 | 74.50378 | 14:12:00 | D | 19.90 |
| 405 | MUKTSAR | MALAUT | S-NPP | 30.01440 | 74.62065 | 14:12:00 | D | 15.60 |
| 406 | MUKTSAR | MALAUT | S-NPP | 30.04441 | 74.53326 | 14:12:00 | D | 1.90 |
| 407 | MUKTSAR | MALAUT | S-NPP | 30.04479 | 74.53439 | 14:12:00 | D | 2.40 |
| 408 | MUKTSAR | MALAUT | S-NPP | 30.04853 | 74.58416 | 14:12:00 | D | 3.90 |
| 409 | MUKTSAR | MALAUT | S-NPP | 30.04857 | 74.58540 | 14:12:00 | D | 5.40 |
| 410 | MUKTSAR | MALAUT | S-NPP | 30.06671 | 74.68751 | 14:12:00 | D | 3.20 |
| 411 | MUKTSAR | MALAUT | S-NPP | 30.06734 | 74.68613 | 14:12:00 | D | 2.10 |
| 412 | MUKTSAR | MALAUT | AQUA | 30.07100 | 74.40600 | 14:35:00 | D | 65.10 |
| 413 | MUKTSAR | MALAUT | AQUA | 30.07400 | 74.41000 | 14:35:00 | D | 75.00 |
| 414 | MUKTSAR | MALAUT | S-NPP | 30.07618 | 74.60113 | 14:12:00 | D | 8.10 |
| 415 | MUKTSAR | MALAUT | S-NPP | 30.08431 | 74.43246 | 14:12:00 | D | 4.80 |
| 416 | MUKTSAR | MALAUT | S-NPP | 30.08459 | 74.43604 | 14:12:00 | D | 4.80 |
| 417 | MUKTSAR | MALAUT | S-NPP | 30.09747 | 74.60277 | 14:12:00 | D | 2.50 |
| 418 | MUKTSAR | MALAUT | S-NPP | 30.11562 | 74.56775 | 12:30:00 | D | 4.80 |
| 419 | MUKTSAR | MALAUT | S-NPP | 30.11582 | 74.56956 | 12:30:00 | D | 3.60 |
| 420 | MUKTSAR | MALAUT | S-NPP | 30.14905 | 74.45507 | 14:12:00 | D | 3.70 |
| 421 | MUKTSAR | MALAUT | S-NPP | 30.17361 | 74.36091 | 14:12:00 | D | 2.30 |
| 422 | MUKTSAR | MALAUT | S-NPP | 30.17723 | 74.47614 | 14:12:00 | D | 2.90 |
| 423 | MUKTSAR | MALAUT | S-NPP | 30.20979 | 74.42213 | 14:12:00 | D | 6.10 |
| 424 | MUKTSAR | MALAUT | S-NPP | 30.24271 | 74.37563 | 14:12:00 | D | 3.30 |
| 425 | MUKTSAR | MALAUT | S-NPP | 30.24300 | 74.37920 | 14:12:00 | D | 4.00 |
| 426 | MUKTSAR | MALAUT | S-NPP | 30.24387 | 74.37473 | 14:12:00 | D | 2.80 |

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| 427 | MUKTSAR | MALAUT | S-NPP | 30.24413 | 74.37830 | 14:12:00 | D | 4.40 |
| 428 | MUKTSAR | MALAUT | S-NPP | 30.26594 | 74.46751 | 14:12:00 | D | 2.60 |
| 429 | MUKTSAR | MALAUT | S-NPP | 30.26649 | 74.46669 | 14:12:00 | D | 2.30 |
| 430 | MUKTSAR | MALAUT | S-NPP | 30.33413 | 74.32628 | 14:12:00 | D | 2.50 |
| 431 | MUKTSAR | MALAUT | S-NPP | 30.35054 | 74.33546 | 14:12:00 | D | 1.80 |
| 432 | MUKTSAR | MUKTSAR | S-NPP | 30.36535 | 74.45203 | 14:12:00 | D | 3.40 |
| 433 | MUKTSAR | MUKTSAR | S-NPP | 30.36538 | 74.45345 | 14:12:00 | D | 3.40 |
| 434 | MUKTSAR | MUKTSAR | S-NPP | 30.38404 | 74.42100 | 14:12:00 | D | 11.50 |
| 435 | MUKTSAR | MUKTSAR | S-NPP | 30.38778 | 74.54465 | 12:30:00 | D | 6.70 |
| 436 | MUKTSAR | MUKTSAR | S-NPP | 30.39225 | 74.39114 | 14:12:00 | D | 5.20 |
| 437 | MUKTSAR | MUKTSAR | S-NPP | 30.39252 | 74.39474 | 14:12:00 | D | 5.20 |
| 438 | MUKTSAR | MUKTSAR | S-NPP | 30.39717 | 74.38704 | 14:12:00 | D | 8.20 |
| 439 | MUKTSAR | MUKTSAR | S-NPP | 30.39745 | 74.39063 | 14:12:00 | D | 5.20 |
| 440 | MUKTSAR | MUKTSAR | AQUA | 30.40300 | 74.54100 | 12:55:00 | D | 53.40 |
| 441 | MUKTSAR | MUKTSAR | AQUA | 30.40300 | 74.54400 | 12:55:00 | D | 44.10 |
| 442 | MUKTSAR | MUKTSAR | S-NPP | 30.40646 | 74.43117 | 12:30:00 | D | 4.00 |
| 443 | MUKTSAR | MUKTSAR | S-NPP | 30.40841 | 74.43810 | 12:30:00 | D | 4.00 |
| 444 | MUKTSAR | MUKTSAR | S-NPP | 30.40879 | 74.46973 | 14:12:00 | D | 2.80 |
| 445 | MUKTSAR | MUKTSAR | S-NPP | 30.41327 | 74.52821 | 14:12:00 | D | 4.90 |
| 446 | MUKTSAR | MUKTSAR | AQUA | 30.42000 | 74.53900 | 12:55:00 | D | 73.90 |
| 447 | MUKTSAR | MUKTSAR | S-NPP | 30.43335 | 74.31493 | 14:12:00 | D | 2.70 |
| 448 | MUKTSAR | MUKTSAR | S-NPP | 30.44936 | 74.58418 | 14:12:00 | D | 2.90 |
| 449 | MUKTSAR | MUKTSAR | S-NPP | 30.47359 | 74.48920 | 14:12:00 | D | 2.80 |
| 450 | MUKTSAR | MUKTSAR | S-NPP | 30.47370 | 74.48865 | 14:12:00 | D | 2.40 |
| 451 | MUKTSAR | MUKTSAR | S-NPP | 30.48410 | 74.55804 | 14:12:00 | D | 5.70 |
| 452 | MUKTSAR | MUKTSAR | S-NPP | 30.48445 | 74.55851 | 14:12:00 | D | 5.40 |
| 453 | MUKTSAR | MUKTSAR | S-NPP | 30.50871 | 74.46320 | 14:12:00 | D | 9.20 |
| 454 | MUKTSAR | MUKTSAR | S-NPP | 30.50899 | 74.46685 | 14:12:00 | D | 10.30 |
| 455 | MUKTSAR | MUKTSAR | S-NPP | 30.52597 | 74.41394 | 14:12:00 | D | 5.70 |
| 456 | MUKTSAR | MUKTSAR | S-NPP | 30.52625 | 74.41756 | 14:12:00 | D | 5.70 |
| 457 | MUKTSAR | MUKTSAR | S-NPP | 30.53119 | 74.41344 | 14:12:00 | D | 6.70 |
| 458 | MUKTSAR | MUKTSAR | S-NPP | 30.53956 | 74.59016 | 14:12:00 | D | 6.30 |
| 459 | MUKTSAR | MUKTSAR | S-NPP | 30.54352 | 74.50413 | 14:12:00 | D | 1.70 |

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| 460 | MUKTSAR | MUKTSAR | S-NPP | 30.54598 | 74.40108 | 14:12:00 | D | 1.10 |
| 461 | MUKTSAR | MUKTSAR | S-NPP | 30.55128 | 74.47410 | 12:30:00 | D | 8.90 |
| 462 | MUKTSAR | MUKTSAR | S-NPP | 30.55203 | 74.47108 | 12:30:00 | D | 9.60 |
| 463 | MUKTSAR | MUKTSAR | S-NPP | 30.55273 | 74.55643 | 12:30:00 | D | 8.10 |
| 464 | MUKTSAR | MUKTSAR | AQUA | 30.55300 | 74.39100 | 14:35:00 | D | 121.80 |
| 465 | MUKTSAR | MUKTSAR | AQUA | 30.55300 | 74.40000 | 14:35:00 | D | 124.10 |
| 466 | MUKTSAR | MUKTSAR | S-NPP | 30.55390 | 74.55318 | 12:30:00 | D | 10.80 |
| 467 | MUKTSAR | MUKTSAR | S-NPP | 30.55728 | 74.41096 | 14:12:00 | D | 2.30 |
| 468 | MUKTSAR | MUKTSAR | AQUA | 30.56100 | 74.42600 | 12:55:00 | D | 65.70 |
| 469 | MUKTSAR | MUKTSAR | AQUA | 30.56200 | 74.42900 | 12:55:00 | D | 68.60 |
| 470 | MUKTSAR | MUKTSAR | S-NPP | 30.56477 | 74.57281 | 14:12:00 | D | 3.10 |
| 471 | MUKTSAR | MUKTSAR | S-NPP | 30.56728 | 74.40642 | 14:12:00 | D | 13.90 |
| 472 | MUKTSAR | MUKTSAR | S-NPP | 30.56742 | 74.40634 | 14:12:00 | D | 14.20 |
| 473 | MUKTSAR | MUKTSAR | S-NPP | 30.56771 | 74.40997 | 14:12:00 | D | 12.70 |
| 474 | MUKTSAR | MUKTSAR | S-NPP | 30.57009 | 74.37333 | 14:12:00 | D | 12.00 |
| 475 | MUKTSAR | MUKTSAR | S-NPP | 30.57087 | 74.52773 | 14:12:00 | D | 2.00 |
| 476 | MUKTSAR | MUKTSAR | S-NPP | 30.57120 | 74.58716 | 14:12:00 | D | 5.40 |
| 477 | MUKTSAR | MUKTSAR | S-NPP | 30.57634 | 74.61488 | 12:30:00 | D | 14.20 |
| 478 | MUKTSAR | MUKTSAR | S-NPP | 30.57648 | 74.58667 | 14:12:00 | D | 5.10 |
| 479 | MUKTSAR | MUKTSAR | S-NPP | 30.57756 | 74.40173 | 14:12:00 | D | 2.40 |
| 480 | MUKTSAR | MUKTSAR | S-NPP | 30.57784 | 74.61150 | 12:30:00 | D | 9.30 |
| 481 | MUKTSAR | MUKTSAR | S-NPP | 30.58043 | 74.58657 | 14:12:00 | D | 10.30 |
| 482 | MUKTSAR | MUKTSAR | S-NPP | 30.58175 | 74.58618 | 14:12:00 | D | 5.10 |
| 483 | MUKTSAR | MUKTSAR | S-NPP | 30.58266 | 74.40127 | 14:12:00 | D | 9.70 |
| 484 | MUKTSAR | MUKTSAR | S-NPP | 30.58718 | 74.53360 | 14:12:00 | D | 3.60 |
| 485 | MUKTSAR | MUKTSAR | S-NPP | 30.58816 | 74.53331 | 14:12:00 | D | 3.30 |
| 486 | MUKTSAR | MUKTSAR | S-NPP | 30.60795 | 74.45753 | 14:12:00 | D | 3.60 |
| 487 | MUKTSAR | MUKTSAR | S-NPP | 30.60822 | 74.46120 | 14:12:00 | D | 3.60 |
| 488 | MUKTSAR | MUKTSAR | AQUA | 30.63600 | 74.50200 | 12:55:00 | D | 44.50 |
| 489 | MUKTSAR | MUKTSAR | AQUA | 30.63600 | 74.50500 | 12:55:00 | D | 48.90 |
| 490 | PATIALA | PATIALA | S-NPP | 30.38372 | 76.27711 | 14:12:00 | D | 2.60 |
| 491 | PATIALA | PATIALA | S-NPP | 30.45909 | 76.35386 | 12:30:00 | D | 16.10 |
| 492 | PATIALA | PATIALA | S-NPP | 30.46053 | 76.35927 | 12:30:00 | D | 16.10 |

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| 493 | PATIALA | SAMANA | S-NPP | 29.93149 | 76.05824 | 12:30:00 | D | 6.40 |
| 494 | PATIALA | SAMANA | S-NPP | 30.12890 | 76.09613 | 12:30:00 | D | 4.80 |
| 495 | PATIALA | SAMANA | S-NPP | 30.16053 | 76.17506 | 12:30:00 | D | 27.80 |
| 496 | PATIALA | SAMANA | S-NPP | 30.16201 | 76.18069 | 12:30:00 | D | 36.80 |
| 497 | PATIALA | SAMANA | S-NPP | 30.16405 | 76.17654 | 12:30:00 | D | 37.60 |
| 498 | SANGRUR | DHURI | TERRA | 30.33400 | 75.67500 | 11:20:00 | D | 3.80 |
| 499 | SANGRUR | MALERKOTLA | S-NPP | 30.44784 | 75.84146 | 14:12:00 | D | 3.70 |
| 500 | SANGRUR | MOONAK | TERRA | 29.83200 | 76.09200 | 11:20:00 | D | 5.00 |
| 501 | SANGRUR | MOONAK | S-NPP | 29.87971 | 75.96006 | 14:12:00 | D | 10.50 |
| 502 | SANGRUR | SANGRUR | S-NPP | 30.19968 | 75.62230 | 14:12:00 | D | 6.40 |
| 503 | SANGRUR | SUNAM | S-NPP | 29.97059 | 75.66981 | 14:12:00 | D | 11.80 |
| 504 | SBS NAGAR | SBS NAGAR | S-NPP | 31.07745 | 76.12182 | 14:12:00 | D | 1.80 |
| 505 | TARN TARAN | KHADOOR SAHIB | S-NPP | 31.34946 | 74.98357 | 12:36:00 | D | 2.90 |
| 506 | TARN TARAN | KHADOOR SAHIB | S-NPP | 31.45557 | 74.99024 | 14:12:00 | D | 2.50 |
| 507 | TARN TARAN | PATTI | S-NPP | 31.13122 | 74.55478 | 14:12:00 | D | 2.90 |

Details of residue burning events in Haryana on 21-Nov-2020

| S. No. | District | Tehsil / Block | Satellite | Latitude | Longitude | Time (IST) | Day / Night | Fire Power (W/m ²) |
|--------|---------------|----------------|-----------|----------|-----------|------------|-------------|--------------------------------|
| 1 | CHARKHI DADRI | DADRI | S-NPP | 28.78504 | 76.30087 | 12:30:00 | D | 6.60 |
| 2 | FATEHABAD | FATEHABAD | S-NPP | 29.50011 | 75.72114 | 14:12:00 | D | 5.30 |
| 3 | FATEHABAD | FATEHABAD | S-NPP | 29.50427 | 75.72126 | 14:12:00 | D | 5.30 |
| 4 | FATEHABAD | FATEHABAD | S-NPP | 29.57305 | 75.51028 | 14:12:00 | D | 5.00 |
| 5 | FATEHABAD | FATEHABAD | S-NPP | 29.57335 | 75.51437 | 14:12:00 | D | 6.70 |
| 6 | FATEHABAD | FATEHABAD | S-NPP | 29.58285 | 75.56738 | 14:12:00 | D | 18.60 |
| 7 | FATEHABAD | FATEHABAD | S-NPP | 29.59891 | 75.49477 | 14:12:00 | D | 5.10 |
| 8 | FATEHABAD | FATEHABAD | S-NPP | 29.59970 | 75.49559 | 14:12:00 | D | 5.00 |
| 9 | FATEHABAD | FATEHABAD | S-NPP | 29.63670 | 75.71763 | 14:12:00 | D | 3.30 |
| 10 | FATEHABAD | FATEHABAD | S-NPP | 29.63927 | 75.51595 | 14:12:00 | D | 2.90 |
| 11 | FATEHABAD | RATIA | S-NPP | 29.60134 | 75.61089 | 14:12:00 | D | 4.00 |
| 12 | FATEHABAD | RATIA | S-NPP | 29.60289 | 75.61149 | 14:12:00 | D | 6.10 |
| 13 | FATEHABAD | RATIA | S-NPP | 29.61359 | 75.62659 | 14:12:00 | D | 3.90 |
| 14 | FATEHABAD | RATIA | S-NPP | 29.61388 | 75.63077 | 14:12:00 | D | 3.90 |
| 15 | FATEHABAD | RATIA | S-NPP | 29.61525 | 75.62720 | 14:12:00 | D | 7.80 |
| 16 | FATEHABAD | RATIA | S-NPP | 29.61627 | 75.58450 | 14:12:00 | D | 5.90 |
| 17 | FATEHABAD | RATIA | S-NPP | 29.61766 | 75.58520 | 14:12:00 | D | 5.40 |
| 18 | FATEHABAD | RATIA | S-NPP | 29.62514 | 75.66489 | 12:30:00 | D | 2.50 |
| 19 | FATEHABAD | RATIA | S-NPP | 29.63148 | 75.66267 | 12:30:00 | D | 2.50 |
| 20 | FATEHABAD | RATIA | S-NPP | 29.65003 | 75.51086 | 14:12:00 | D | 6.20 |
| 21 | FATEHABAD | RATIA | S-NPP | 29.66633 | 75.65991 | 14:12:00 | D | 10.10 |
| 22 | FATEHABAD | RATIA | S-NPP | 29.67342 | 75.37763 | 14:12:00 | D | 3.70 |
| 23 | FATEHABAD | RATIA | NOAA-19 | 29.69604 | 75.52905 | 17:33:00 | N | 7.11 |
| 24 | FATEHABAD | RATIA | NOAA-19 | 29.70088 | 75.62410 | 17:33:00 | N | 7.57 |
| 25 | FATEHABAD | RATIA | S-NPP | 29.72526 | 75.56064 | 14:12:00 | D | 2.30 |
| 26 | FATEHABAD | RATIA | S-NPP | 29.73158 | 75.50360 | 12:30:00 | D | 4.10 |
| 27 | FATEHABAD | RATIA | S-NPP | 29.73896 | 75.51773 | 14:12:00 | D | 2.50 |
| 28 | FATEHABAD | RATIA | S-NPP | 29.74205 | 75.40581 | 12:30:00 | D | 2.50 |
| 29 | FATEHABAD | RATIA | S-NPP | 29.74214 | 75.48433 | 14:12:00 | D | 5.70 |
| 30 | FATEHABAD | RATIA | S-NPP | 29.74243 | 75.48842 | 14:12:00 | D | 5.70 |

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| 31 | FATEHABAD | TOHANA | S-NPP | 29.69791 | 75.80630 | 12:30:00 | D | 7.30 |
| 32 | HISAR | HISAR | S-NPP | 29.50382 | 75.79810 | 14:12:00 | D | 3.00 |
| 33 | HISAR | HISAR | S-NPP | 29.52965 | 75.93011 | 14:12:00 | D | 3.90 |
| 34 | HISAR | NARNAUND | S-NPP | 29.21109 | 76.16525 | 14:12:00 | D | 2.60 |
| 35 | HISAR | NARNAUND | S-NPP | 29.30205 | 76.12865 | 14:12:00 | D | 8.80 |
| 36 | JIND | JULANA | S-NPP | 29.18067 | 76.47963 | 01:18:00 | N | 0.40 |
| 37 | JIND | NARWANA | S-NPP | 29.40517 | 76.09438 | 14:12:00 | D | 13.10 |
| 38 | JIND | NARWANA | S-NPP | 29.67495 | 76.02779 | 14:12:00 | D | 2.70 |
| 39 | JIND | NARWANA | AQUA | 29.72600 | 76.01600 | 12:55:00 | D | 31.10 |
| 40 | JIND | NARWANA | S-NPP | 29.78938 | 76.17030 | 14:12:00 | D | 3.50 |
| 41 | JIND | SAFIDON | S-NPP | 29.33975 | 76.62598 | 12:30:00 | D | 2.50 |
| 42 | KAITHAL | KAITHAL | S-NPP | 29.63077 | 76.23477 | 14:12:00 | D | 7.40 |
| 43 | KAITHAL | KAITHAL | S-NPP | 29.63108 | 76.23933 | 14:12:00 | D | 9.80 |
| 44 | KAITHAL | KAITHAL | S-NPP | 29.82729 | 76.21758 | 14:12:00 | D | 8.30 |
| 45 | KARNAL | ASSANDH | TERRA | 29.51800 | 76.50900 | 11:20:00 | D | 6.80 |
| 46 | KARNAL | KARNAL | S-NPP | 29.77013 | 76.68987 | 12:30:00 | D | 6.50 |
| 47 | KARNAL | KARNAL | S-NPP | 29.79742 | 77.07294 | 14:12:00 | D | 3.40 |
| 48 | KARNAL | KARNAL | S-NPP | 29.80245 | 77.07291 | 14:12:00 | D | 4.20 |
| 49 | KURUKSHETRA | THANESAR | S-NPP | 30.03506 | 76.98879 | 12:30:00 | D | 3.50 |
| 50 | PANIPAT | ISRANA | S-NPP | 29.32089 | 76.65963 | 14:12:00 | D | 4.50 |
| 51 | SIRSA | DABWALI | TERRA | 29.91400 | 74.53400 | 11:20:00 | D | 8.20 |
| 52 | SIRSA | DABWALI | TERRA | 29.91500 | 74.52400 | 11:20:00 | D | 4.90 |
| 53 | SIRSA | DABWALI | S-NPP | 29.92655 | 74.57195 | 14:12:00 | D | 3.90 |
| 54 | SIRSA | DABWALI | S-NPP | 30.01887 | 74.74693 | 14:12:00 | D | 2.90 |
| 55 | SIRSA | ELLENABAD | S-NPP | 29.40051 | 74.78086 | 14:12:00 | D | 6.20 |
| 56 | SIRSA | ELLENABAD | S-NPP | 29.43673 | 74.90061 | 14:12:00 | D | 1.60 |
| 57 | SIRSA | ELLENABAD | S-NPP | 29.44024 | 74.87771 | 14:12:00 | D | 1.60 |
| 58 | SIRSA | ELLENABAD | S-NPP | 29.45122 | 74.82739 | 14:12:00 | D | 4.40 |
| 59 | SIRSA | ELLENABAD | S-NPP | 29.45150 | 74.83111 | 14:12:00 | D | 4.40 |
| 60 | SIRSA | ELLENABAD | S-NPP | 29.45219 | 74.82792 | 14:12:00 | D | 8.70 |
| 61 | SIRSA | ELLENABAD | S-NPP | 29.45477 | 74.73435 | 14:12:00 | D | 2.20 |
| 62 | SIRSA | ELLENABAD | S-NPP | 29.46681 | 74.82218 | 14:12:00 | D | 3.40 |
| 63 | SIRSA | ELLENABAD | S-NPP | 29.50298 | 74.60911 | 14:12:00 | D | 3.10 |
| 64 | SIRSA | ELLENABAD | S-NPP | 29.52663 | 74.70534 | 14:12:00 | D | 3.10 |

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|----|---------|--------|---------|----------|----------|----------|---|-------|
| 65 | SIRSA | RANIA | S-NPP | 29.49796 | 74.81174 | 14:12:00 | D | 2.00 |
| 66 | SIRSA | RANIA | S-NPP | 29.54251 | 74.78732 | 14:12:00 | D | 6.80 |
| 67 | SIRSA | RANIA | S-NPP | 29.54373 | 74.78501 | 14:12:00 | D | 4.30 |
| 68 | SIRSA | RANIA | S-NPP | 29.54403 | 74.78870 | 14:12:00 | D | 7.60 |
| 69 | SIRSA | RANIA | S-NPP | 29.57583 | 74.58578 | 12:30:00 | D | 4.00 |
| 70 | SIRSA | RANIA | S-NPP | 29.59117 | 74.59516 | 14:12:00 | D | 8.80 |
| 71 | SIRSA | RANIA | S-NPP | 29.60248 | 74.60497 | 14:12:00 | D | 5.00 |
| 72 | SIRSA | RANIA | NOAA-19 | 29.64613 | 74.63827 | 17:33:00 | N | 9.00 |
| 73 | SIRSA | SIRSA | S-NPP | 29.43823 | 74.91930 | 14:12:00 | D | 16.00 |
| 74 | SIRSA | SIRSA | S-NPP | 29.48092 | 74.93745 | 14:12:00 | D | 3.40 |
| 75 | SIRSA | SIRSA | S-NPP | 29.49748 | 74.94347 | 14:12:00 | D | 15.20 |
| 76 | SIRSA | SIRSA | S-NPP | 29.49777 | 74.94725 | 14:12:00 | D | 15.20 |
| 77 | SIRSA | SIRSA | S-NPP | 29.50440 | 75.17841 | 14:12:00 | D | 3.00 |
| 78 | SIRSA | SIRSA | S-NPP | 29.50564 | 75.26923 | 14:12:00 | D | 7.50 |
| 79 | SIRSA | SIRSA | S-NPP | 29.50600 | 75.08987 | 12:30:00 | D | 7.30 |
| 80 | SIRSA | SIRSA | S-NPP | 29.50860 | 75.00563 | 12:30:00 | D | 13.70 |
| 81 | SIRSA | SIRSA | S-NPP | 29.50930 | 75.08662 | 12:30:00 | D | 5.80 |
| 82 | SIRSA | SIRSA | S-NPP | 29.51144 | 75.00692 | 12:30:00 | D | 11.80 |
| 83 | SIRSA | SIRSA | S-NPP | 29.51768 | 75.13802 | 14:12:00 | D | 7.20 |
| 84 | SIRSA | SIRSA | S-NPP | 29.51989 | 75.24012 | 14:12:00 | D | 12.80 |
| 85 | SIRSA | SIRSA | S-NPP | 29.54495 | 75.13944 | 14:12:00 | D | 4.10 |
| 86 | SIRSA | SIRSA | S-NPP | 29.54914 | 75.12342 | 14:12:00 | D | 4.40 |
| 87 | SIRSA | SIRSA | S-NPP | 29.55056 | 75.28893 | 12:30:00 | D | 5.20 |
| 88 | SIRSA | SIRSA | S-NPP | 29.55482 | 75.28916 | 12:30:00 | D | 8.00 |
| 89 | SIRSA | SIRSA | S-NPP | 29.56386 | 75.17295 | 14:12:00 | D | 1.20 |
| 90 | SIRSA | SIRSA | S-NPP | 29.56722 | 75.12444 | 14:12:00 | D | 4.80 |
| 91 | SIRSA | SIRSA | S-NPP | 29.56750 | 75.12833 | 14:12:00 | D | 6.30 |
| 92 | SIRSA | SIRSA | S-NPP | 29.57100 | 75.12534 | 14:12:00 | D | 6.90 |
| 93 | SIRSA | SIRSA | S-NPP | 29.64300 | 75.12130 | 14:12:00 | D | 19.00 |
| 94 | SIRSA | SIRSA | S-NPP | 29.64840 | 75.12080 | 14:12:00 | D | 4.30 |
| 95 | SIRSA | SIRSA | S-NPP | 29.66731 | 75.15439 | 14:12:00 | D | 3.50 |
| 96 | SIRSA | SIRSA | S-NPP | 29.66899 | 75.15214 | 14:12:00 | D | 4.20 |
| 97 | SIRSA | SIRSA | S-NPP | 29.69458 | 75.20509 | 14:12:00 | D | 2.90 |
| 98 | SONIPAT | GOHANA | S-NPP | 29.07275 | 76.69566 | 12:30:00 | D | 3.10 |

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|-----|-------------|-----------|-------|----------|----------|----------|---|-------|
| 99 | SONIPAT | GOHANA | S-NPP | 29.07772 | 76.69677 | 12:30:00 | D | 5.20 |
| 100 | SONIPAT | GOHANA | S-NPP | 29.07886 | 76.69361 | 12:30:00 | D | 3.10 |
| 101 | SONIPAT | GOHANA | S-NPP | 29.16175 | 76.73669 | 14:12:00 | D | 6.90 |
| 102 | SONIPAT | GOHANA | S-NPP | 29.16374 | 76.73976 | 14:12:00 | D | 10.60 |
| 103 | SONIPAT | KHARKHODA | S-NPP | 28.84562 | 77.02921 | 14:12:00 | D | 4.20 |
| 104 | YAMUNANAGAR | JAGADHRI | S-NPP | 30.36509 | 77.37191 | 12:30:00 | D | 2.50 |

Details of residue burning events in Uttar Pradesh on 21-Nov-2020

| S. No. | District | Tehsil / Block | Satellite | Latitude | Longitude | Time (IST) | Day / Night | Fire Power (W/m ²) |
|--------|---------------|----------------|-----------|----------|-----------|------------|-------------|--------------------------------|
| 1 | ALLAHABAD | BARA | S-NPP | 25.10395 | 81.70992 | 01:18:00 | N | 0.40 |
| 2 | ALLAHABAD | BARA | METOP-1 | 25.24588 | 81.65559 | 21:12:00 | N | 24.00 |
| 3 | ALLAHABAD | PHULPUR | S-NPP | 25.45503 | 82.02197 | 12:30:00 | D | 5.00 |
| 4 | AMBEDKARNAGAR | TANDA | NOAA-19 | 26.45412 | 82.71838 | 17:33:00 | N | 6.00 |
| 5 | AMBEDKARNAGAR | TANDA | AQUA | 26.56400 | 82.47600 | 12:55:00 | D | 16.20 |
| 6 | AZAMGARH | BURHANPUR | NOAA-19 | 26.24301 | 82.98529 | 17:33:00 | N | 6.00 |
| 7 | AZAMGARH | LALGANJ | S-NPP | 25.79062 | 83.02463 | 01:18:00 | N | 0.60 |
| 8 | AZAMGARH | LALGANJ | S-NPP | 25.79482 | 83.06458 | 12:30:00 | D | 3.30 |
| 9 | AZAMGARH | LALGANJ | S-NPP | 25.79943 | 83.06341 | 12:30:00 | D | 3.50 |
| 10 | AZAMGARH | MEHNAGAR | S-NPP | 25.84159 | 83.12569 | 12:30:00 | D | 10.00 |
| 11 | AZAMGARH | PHULPUR | S-NPP | 25.97999 | 82.81744 | 12:30:00 | D | 3.10 |
| 12 | BAHRAICH | NANPARA | S-NPP | 27.71353 | 81.62897 | 12:30:00 | D | 5.40 |
| 13 | BALLIA | BALLIA | AQUA | 25.65700 | 83.94800 | 12:55:00 | D | 13.10 |
| 14 | BALLIA | BALLIA | AQUA | 25.79400 | 84.02500 | 12:55:00 | D | 8.20 |
| 15 | BALLIA | BALLIA | S-NPP | 25.79528 | 84.02834 | 12:30:00 | D | 6.70 |
| 16 | BALLIA | BELTHARA ROAD | S-NPP | 26.00473 | 83.78129 | 12:30:00 | D | 1.90 |
| 17 | BALLIA | BELTHARA ROAD | NOAA-19 | 26.01394 | 83.90735 | 17:33:00 | N | 7.00 |
| 18 | BALLIA | BELTHARA ROAD | S-NPP | 26.02167 | 83.71795 | 12:30:00 | D | 4.50 |
| 19 | BALLIA | BELTHARA ROAD | S-NPP | 26.03322 | 83.89977 | 12:30:00 | D | 6.50 |
| 20 | BALLIA | BELTHARA ROAD | S-NPP | 26.03512 | 83.90925 | 12:30:00 | D | 4.70 |
| 21 | BALLIA | BELTHARA ROAD | S-NPP | 26.03855 | 83.91002 | 12:30:00 | D | 2.60 |
| 22 | BALLIA | BELTHARA ROAD | NOAA-19 | 26.04089 | 83.91220 | 17:33:00 | N | 8.00 |
| 23 | BALLIA | RASRA | S-NPP | 25.81624 | 83.97366 | 12:30:00 | D | 2.10 |
| 24 | BALLIA | RASRA | S-NPP | 25.84394 | 84.02393 | 12:30:00 | D | 2.60 |
| 25 | BALLIA | RASRA | S-NPP | 25.84408 | 84.02122 | 12:30:00 | D | 3.70 |
| 26 | BALLIA | RASRA | S-NPP | 25.84792 | 83.79794 | 12:30:00 | D | 2.80 |
| 27 | BALLIA | RASRA | S-NPP | 25.95808 | 83.95808 | 12:30:00 | D | 5.20 |
| 28 | BALLIA | RASRA | S-NPP | 25.97986 | 83.86305 | 12:30:00 | D | 3.20 |
| 29 | BALLIA | RASRA | S-NPP | 25.99343 | 83.92953 | 12:30:00 | D | 4.30 |
| 30 | BALLIA | RASRA | S-NPP | 25.99541 | 83.89423 | 12:30:00 | D | 2.10 |

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|----|-------------|-------------|---------|----------|----------|----------|---|-------|
| 31 | BALLIA | SIKANDARPUR | S-NPP | 25.96718 | 84.11566 | 12:30:00 | D | 1.70 |
| 32 | BALLIA | SIKANDARPUR | S-NPP | 25.96812 | 84.11701 | 12:30:00 | D | 2.60 |
| 33 | BALLIA | SIKANDARPUR | S-NPP | 26.03670 | 83.94514 | 12:30:00 | D | 4.30 |
| 34 | BALLIA | SIKANDARPUR | S-NPP | 26.07151 | 83.98090 | 12:30:00 | D | 2.80 |
| 35 | BARABANKI | Haidargarh | S-NPP | 26.60671 | 81.45491 | 12:30:00 | D | 2.20 |
| 36 | BARABANKI | Haidargarh | S-NPP | 26.60742 | 81.45815 | 12:30:00 | D | 2.20 |
| 37 | BAREILLY | BAHERI | S-NPP | 28.62345 | 79.33615 | 12:30:00 | D | 0.90 |
| 38 | BAREILLY | MIRGANJ | S-NPP | 28.56580 | 79.21595 | 12:30:00 | D | 2.00 |
| 39 | BASTI | BHANPUR | S-NPP | 27.07317 | 82.69946 | 12:30:00 | D | 3.20 |
| 40 | BASTI | HARRAIYA | S-NPP | 26.79536 | 82.40337 | 01:18:00 | N | 0.50 |
| 41 | BIJNOR | BIJNOR | TERRA | 29.52200 | 77.99200 | 11:20:00 | D | 6.00 |
| 42 | BIJNOR | DHAMPUR | S-NPP | 29.30752 | 78.59838 | 12:30:00 | D | 2.70 |
| 43 | BULANSAHAR | BULANSHAHR | S-NPP | 28.56029 | 77.80057 | 12:30:00 | D | 6.30 |
| 44 | BULANSAHAR | DIBAI | S-NPP | 28.28815 | 78.30072 | 12:30:00 | D | 24.50 |
| 45 | DEORIA | DEORIA | S-NPP | 26.59098 | 83.73683 | 12:30:00 | D | 2.90 |
| 46 | DEORIA | DEORIA | S-NPP | 26.60363 | 83.79823 | 12:30:00 | D | 3.60 |
| 47 | DEORIA | DEORIA | NOAA-19 | 26.61282 | 83.75529 | 17:33:00 | N | 8.67 |
| 48 | DEORIA | DEORIA | S-NPP | 26.68308 | 83.76489 | 12:30:00 | D | 3.50 |
| 49 | DEORIA | DEORIA | NOAA-19 | 26.70564 | 83.78117 | 17:33:00 | N | 8.00 |
| 50 | ETAWAH | CHAKARNAGAR | S-NPP | 26.62196 | 79.20794 | 12:30:00 | D | 4.30 |
| 51 | FAIZABAD | BIKAPUR | S-NPP | 26.55836 | 82.24148 | 12:30:00 | D | 3.30 |
| 52 | FARRUKHABAD | KARIMGANJ | S-NPP | 27.66583 | 79.16912 | 12:30:00 | D | 2.50 |
| 53 | GAZIPUR | MUHAMMADBAD | AQUA | 25.65700 | 83.76100 | 12:55:00 | D | 7.30 |
| 54 | GAZIPUR | MUHAMMADBAD | AQUA | 25.65900 | 83.77500 | 12:55:00 | D | 7.00 |
| 55 | GAZIPUR | MUHAMMADBAD | AQUA | 25.66300 | 83.76900 | 12:55:00 | D | 7.80 |
| 56 | GAZIPUR | SAIDPUR | S-NPP | 25.62732 | 83.30590 | 12:30:00 | D | 5.40 |
| 57 | GORAKHPUR | GORAKHPUR | S-NPP | 26.80715 | 83.49998 | 12:30:00 | D | 2.70 |
| 58 | GORAKHPUR | GORAKHPUR | NOAA-19 | 26.86285 | 83.47544 | 17:33:00 | N | 8.00 |
| 59 | GORAKHPUR | GORAKHPUR | NOAA-19 | 26.89654 | 83.49000 | 17:33:00 | N | 7.75 |
| 60 | HAMIRPUR | HAMIRPUR | S-NPP | 26.05395 | 79.94931 | 14:12:00 | D | 6.90 |
| 61 | HAPUR | HAPUR | S-NPP | 28.60775 | 77.64091 | 14:12:00 | D | 3.80 |
| 62 | HARDOI | HARDOI | S-NPP | 27.41724 | 80.22798 | 12:30:00 | D | 2.00 |
| 63 | JALAUN | KONCH | S-NPP | 26.04517 | 79.11587 | 14:12:00 | D | 4.10 |

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| 64 | JALAUN | URAI | S-NPP | 25.85188 | 79.36868 | 12:30:00 | D | 2.60 |
| 65 | JALAUN | URAI | S-NPP | 25.98026 | 79.52481 | 12:30:00 | D | 4.60 |
| 66 | JAUNPUR | JAUNPUR | S-NPP | 25.79293 | 82.77688 | 12:30:00 | D | 3.60 |
| 67 | JAUNPUR | MACHHALI SAHAR | S-NPP | 25.63544 | 82.29884 | 12:30:00 | D | 3.70 |
| 68 | JHANSI | MOTH | S-NPP | 25.65680 | 78.85541 | 14:12:00 | D | 3.40 |
| 69 | JHANSI | MOTH | S-NPP | 25.65710 | 78.85745 | 14:12:00 | D | 4.50 |
| 70 | JHANSI | MOTH | S-NPP | 25.67435 | 78.90691 | 12:30:00 | D | 2.80 |
| 71 | JHANSI | MOTH | S-NPP | 25.68221 | 78.84391 | 14:12:00 | D | 3.00 |
| 72 | JHANSI | MOTH | S-NPP | 25.69551 | 78.89045 | 12:30:00 | D | 11.20 |
| 73 | JHANSI | MOTH | S-NPP | 25.69666 | 78.89524 | 12:30:00 | D | 13.30 |
| 74 | JHANSI | MOTH | S-NPP | 25.69813 | 78.88864 | 12:30:00 | D | 9.80 |
| 75 | JHANSI | MOTH | S-NPP | 25.69931 | 78.89342 | 12:30:00 | D | 9.80 |
| 76 | JHANSI | MOTH | S-NPP | 25.70199 | 78.84843 | 14:12:00 | D | 9.40 |
| 77 | JHANSI | MOTH | S-NPP | 25.70237 | 78.85428 | 14:12:00 | D | 9.40 |
| 78 | JHANSI | MOTH | S-NPP | 25.70276 | 78.86013 | 14:12:00 | D | 10.10 |
| 79 | JHANSI | MOTH | S-NPP | 25.70662 | 78.91925 | 14:12:00 | D | 11.60 |
| 80 | JHANSI | MOTH | S-NPP | 25.70701 | 78.92519 | 14:12:00 | D | 11.60 |
| 81 | JHANSI | MOTH | S-NPP | 25.70739 | 78.79788 | 12:30:00 | D | 2.30 |
| 82 | JHANSI | MOTH | S-NPP | 25.71690 | 78.91389 | 12:30:00 | D | 5.70 |
| 83 | JHANSI | MOTH | S-NPP | 25.72512 | 78.89616 | 12:30:00 | D | 3.50 |
| 84 | JHANSI | MOTH | S-NPP | 25.72523 | 78.90081 | 14:12:00 | D | 4.60 |
| 85 | JHANSI | MOTH | S-NPP | 25.72649 | 78.92385 | 14:12:00 | D | 9.60 |
| 86 | JHANSI | MOTH | S-NPP | 25.72666 | 78.92457 | 14:12:00 | D | 21.70 |
| 87 | JHANSI | MOTH | S-NPP | 25.72689 | 78.92980 | 14:12:00 | D | 8.70 |
| 88 | JHANSI | MOTH | S-NPP | 25.73339 | 78.92936 | 14:12:00 | D | 8.70 |
| 89 | JHANSI | MOTH | S-NPP | 25.74392 | 78.84425 | 12:30:00 | D | 2.80 |
| 90 | JHANSI | MOTH | S-NPP | 25.75768 | 78.89851 | 14:12:00 | D | 3.40 |
| 91 | JHANSI | MOTH | S-NPP | 25.75913 | 78.88104 | 12:30:00 | D | 3.60 |
| 92 | KANNAUJ | TIRWA | S-NPP | 26.78133 | 79.83642 | 14:12:00 | D | 8.90 |
| 93 | KANPUR DEHAT | AKBARPUR | S-NPP | 26.31813 | 79.98667 | 14:12:00 | D | 6.20 |
| 94 | KANPUR DEHAT | AKBARPUR | S-NPP | 26.31848 | 79.98219 | 14:12:00 | D | 8.10 |
| 95 | KANPUR DEHAT | RASULABAD | S-NPP | 26.70558 | 79.75967 | 12:30:00 | D | 2.30 |
| 96 | KAUSHAMBI | MANJHANPUR | S-NPP | 25.34625 | 81.41143 | 12:30:00 | D | 2.00 |

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| 97 | KAUSHAMBI | SIRATHU | NOAA-19 | 25.53783 | 81.26736 | 17:33:00 | N | 9.00 |
| 98 | KHERI | LAKHIMPUR | S-NPP | 27.99337 | 80.84888 | 12:30:00 | D | 2.00 |
| 99 | KHERI | MOHMADI | NOAA-19 | 27.93184 | 80.21913 | 17:33:00 | N | 12.50 |
| 100 | KHERI | NIGHASAN | S-NPP | 28.20889 | 80.95068 | 12:30:00 | D | 1.30 |
| 101 | KUSHINAGAR | HATA | NOAA-19 | 26.77751 | 83.66955 | 17:33:00 | N | 6.00 |
| 102 | KUSHINAGAR | HATA | S-NPP | 26.79761 | 83.65799 | 01:18:00 | N | 1.10 |
| 103 | KUSHINAGAR | HATA | NOAA-19 | 26.82916 | 83.70110 | 17:33:00 | N | 7.50 |
| 104 | KUSHINAGAR | HATA | NOAA-19 | 26.83141 | 83.58220 | 17:33:00 | N | 8.00 |
| 105 | KUSHINAGAR | HATA | NOAA-19 | 26.84039 | 83.68411 | 17:33:00 | N | 9.00 |
| 106 | KUSHINAGAR | HATA | METOP-2 | 26.85536 | 83.57088 | 19:58:00 | N | 13.00 |
| 107 | KUSHINAGAR | HATA | NOAA-19 | 26.85836 | 83.55308 | 17:33:00 | N | 7.00 |
| 108 | KUSHINAGAR | HATA | NOAA-19 | 26.88531 | 83.64529 | 17:33:00 | N | 8.00 |
| 109 | KUSHINAGAR | HATA | NOAA-19 | 26.89429 | 83.69867 | 17:33:00 | N | 10.00 |
| 110 | MAHARAJGANJ | MAHARAJGANJ | NOAA-19 | 26.95118 | 83.56441 | 17:33:00 | N | 8.33 |
| 111 | MAHARAJGANJ | MAHARAJGANJ | S-NPP | 26.95742 | 83.62488 | 01:18:00 | N | 0.60 |
| 112 | MAHARAJGANJ | MAHARAJGANJ | NOAA-19 | 27.01107 | 83.60647 | 17:33:00 | N | 7.00 |
| 113 | MAHARAJGANJ | MAHARAJGANJ | S-NPP | 27.04401 | 83.63506 | 01:18:00 | N | 0.40 |
| 114 | MAHARAJGANJ | NICHLAUL | S-NPP | 27.19219 | 83.68657 | 01:18:00 | N | 0.60 |
| 115 | MAINPURI | BHOGAON | S-NPP | 27.34120 | 79.09264 | 01:18:00 | N | 0.60 |
| 116 | MAU | GHOSI | AQUA | 26.13500 | 83.44400 | 12:55:00 | D | 7.40 |
| 117 | MAU | MADHUBAN | S-NPP | 26.07048 | 83.63904 | 12:30:00 | D | 5.30 |
| 118 | MAU | MAU | AQUA | 25.93600 | 83.77000 | 12:55:00 | D | 13.10 |
| 119 | MAU | MAU | S-NPP | 25.96120 | 83.77187 | 12:30:00 | D | 4.70 |
| 120 | MAU | MAU | S-NPP | 25.96263 | 83.75626 | 12:30:00 | D | 3.10 |
| 121 | MAU | MAU | S-NPP | 26.05801 | 83.60082 | 12:30:00 | D | 4.10 |
| 122 | MEERUT | MAWANA | NOAA-19 | 28.95143 | 78.04987 | 17:33:00 | N | 8.00 |
| 123 | MEERUT | MEERUT | S-NPP | 28.96935 | 77.83398 | 14:12:00 | D | 5.00 |
| 124 | MORADABAD | BILARI | S-NPP | 28.66754 | 78.67881 | 12:30:00 | D | 3.90 |
| 125 | MORADABAD | THAKUR DWARA | S-NPP | 29.16378 | 78.80579 | 14:12:00 | D | 4.30 |
| 126 | PRATAPGARH | KUNDA | S-NPP | 25.64530 | 81.65621 | 12:30:00 | D | 1.40 |
| 127 | PRATAPGARH | LALGANJ | S-NPP | 25.89650 | 81.64481 | 12:30:00 | D | 4.10 |
| 128 | PRATAPGARH | LALGANJ | S-NPP | 25.90223 | 81.64672 | 12:30:00 | D | 5.60 |
| 129 | PRATAPGARH | LALGANJ | S-NPP | 25.91724 | 81.64273 | 12:30:00 | D | 3.60 |

| | | | | | | | | |
|-----|-----------------|-------------------|---------|----------|----------|----------|---|-------|
| 130 | PRATAPGARH | PATTI | S-NPP | 25.68519 | 82.12360 | 12:30:00 | D | 4.60 |
| 131 | PRATAPGARH | PATTI | S-NPP | 25.73048 | 82.04659 | 12:30:00 | D | 6.00 |
| 132 | PRATAPGARH | PATTI | S-NPP | 25.95647 | 82.24814 | 12:30:00 | D | 2.60 |
| 133 | RAIBEARELI | MAHARAJGANG | S-NPP | 26.45708 | 81.21517 | 12:30:00 | D | 1.50 |
| 134 | RAIBEARELI | MAHARAJGANG | S-NPP | 26.48184 | 81.37101 | 12:30:00 | D | 3.60 |
| 135 | RAIBEARELI | MAHARAJGANG | S-NPP | 26.48259 | 81.37428 | 12:30:00 | D | 3.60 |
| 136 | RAIBEARELI | RAEBARELI | S-NPP | 26.34564 | 81.26290 | 12:30:00 | D | 1.40 |
| 137 | RAIBEARELI | RAEBARELI | S-NPP | 26.35412 | 81.15087 | 12:30:00 | D | 3.30 |
| 138 | RAIBEARELI | RAEBARELI | S-NPP | 26.36533 | 81.05647 | 12:30:00 | D | 1.70 |
| 139 | RAIBEARELI | SALON | METOP-1 | 26.12174 | 81.47118 | 21:12:00 | N | 6.00 |
| 140 | RAIBEARELI | SALON | NOAA-19 | 26.21157 | 81.60221 | 17:33:00 | N | 7.00 |
| 141 | SANTKABIRNAGAR | KHALILABAD | AQUA | 26.65200 | 83.09500 | 12:55:00 | D | 8.30 |
| 142 | SANTKABIRNAGAR | KHALILABAD | S-NPP | 26.89714 | 82.87876 | 12:30:00 | D | 4.30 |
| 143 | SANTKABIRNAGAR | KHALILABAD | S-NPP | 26.93951 | 82.88141 | 12:30:00 | D | 2.40 |
| 144 | SHAHJAHANPUR | PUWANYA | S-NPP | 28.00282 | 80.07619 | 12:30:00 | D | 2.70 |
| 145 | SHAHJAHANPUR | SHAHJAHANPUR | S-NPP | 27.82897 | 79.97210 | 12:30:00 | D | 1.20 |
| 146 | SHAHJAHANPUR | TILHAR | S-NPP | 28.04800 | 79.91263 | 01:18:00 | N | 1.20 |
| 147 | SHAHJAHANPUR | TILHAR | S-NPP | 28.04947 | 79.91298 | 01:18:00 | N | 1.20 |
| 148 | SHAHJAHANPUR | TILHAR | S-NPP | 28.06529 | 79.78133 | 01:18:00 | N | 0.60 |
| 149 | SHAHJAHANPUR | TILHAR | S-NPP | 28.06586 | 79.78146 | 01:18:00 | N | 0.80 |
| 150 | SHAMLI | KAIRANA | TERRA | 29.35500 | 77.15000 | 11:20:00 | D | 7.70 |
| 151 | SHARANPUR | RAMPUR MANIHARRAN | TERRA | 29.84700 | 77.51800 | 11:20:00 | D | 5.20 |
| 152 | SIDDHARTHANAGAR | BANSI | S-NPP | 27.07342 | 82.84968 | 01:18:00 | N | 0.70 |
| 153 | SIDDHARTHANAGAR | BANSI | S-NPP | 27.11701 | 82.83929 | 12:30:00 | D | 2.50 |
| 154 | SIDDHARTHANAGAR | BANSI | S-NPP | 27.12087 | 82.84071 | 12:30:00 | D | 4.20 |
| 155 | SIDDHARTHANAGAR | BANSI | NOAA-19 | 27.13684 | 82.86882 | 17:33:00 | N | 6.00 |
| 156 | SIDDHARTHANAGAR | DOMARIYAGANJ | S-NPP | 27.12885 | 82.72134 | 12:30:00 | D | 2.10 |
| 157 | SIDDHARTHANAGAR | DOMARIYAGANJ | S-NPP | 27.23339 | 82.60622 | 12:30:00 | D | 3.90 |
| 158 | SITAPUR | MISRIK | NOAA-19 | 27.72972 | 80.42780 | 17:33:00 | N | 10.00 |
| 159 | SULTANPUR | KADIRPUR | NOAA-19 | 26.14869 | 82.51941 | 17:33:00 | N | 11.00 |
| 160 | UNNAO | PURWA | S-NPP | 26.54589 | 80.81445 | 12:30:00 | D | 2.20 |

The study used images received from following Satellites at IARI Satellite Ground Station

| 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 |
| 4. | NOAA – 18 | AVHRR | 1000 | Night |
| 5. | NOAA – 19 | AVHRR | 1000 | Night |
| 6. | Metop - 1 | AVHRR | 1000 | Night |
| 7. | Metop - 2 | AVHRR | 1000 | Night |

Study Team

| | | | |
|--------------|-----------------------|--|--|
| ICAR – HQ | Dr K. Alagusundaram | DDG (AG. ENGG.) | ddgengg@icar.org.in |
| | Dr S. Bhasker | ADG (NRM) | adgagroandaf@gmail.com |
| | Dr K.K. Singh | ADG (AG. ENGG.) | kanchansingh044@gmail.com |
| ICAR - IARI | Dr V.K. Sehgal | Professor & Nodal Scientist | iaricreams@gmail.com |
| | Dr Rajkumar Dhakar | Scientist | raidhakar.iari@gmail.com |
| | Mr Rakeswer Verma | Chief Technical Officer | rakeshwar.verma@icar.gov.in |
| | Mr Mohd Jahangir | Lab Assistant (KRISHI) | mjahangir198@gmail.com |
| ICAR - ATARI | Dr Rajbir Singh | Director ATARI (Zone-I) Ludhiana | rajbirsingh.zpd@gmail.com |
| | Dr S.K. Singh | Director ATARI (Zone-II) Jodhpur | sushilsinghiipr@yahoo.co.in |
| | Dr Atar Singh | Director ATARI (Zone-III) Kanpur | zpdicarkanpur@gmail.com |
| ICAR - IASRI | Dr Rajender Parsad | Director IASRI | rajender.parsad@icar.gov.in |

Softcopy of this report and latest statistics can be seen on <http://creams.iari.res.in>

GIS Maps of fire events can be visualized online on ICAR KRISHI Geoportal website: <http://geoportal.icar.gov.in:8080/geoexplorer/composer/>

(Part of KRISHI Portal: <https://krishi.icar.gov.in> initiative)
