



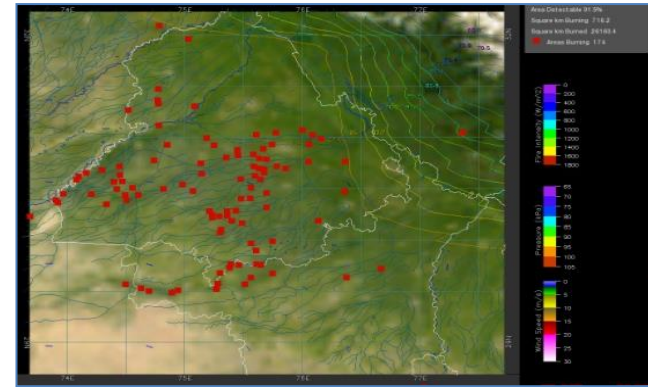
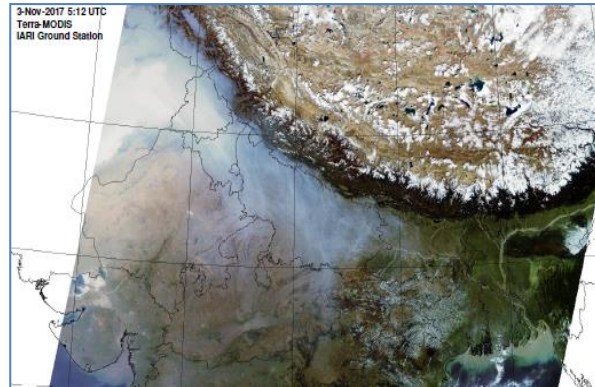
Bulletin No. 21

Events Date:
21-Oct-2019

Issued on:
22-Oct-2019



MONITORING PADDY RESIDUE BURNING IN NORTH INDIA USING SATELLITE REMOTE SENSING DURING 2019



Prepared by:

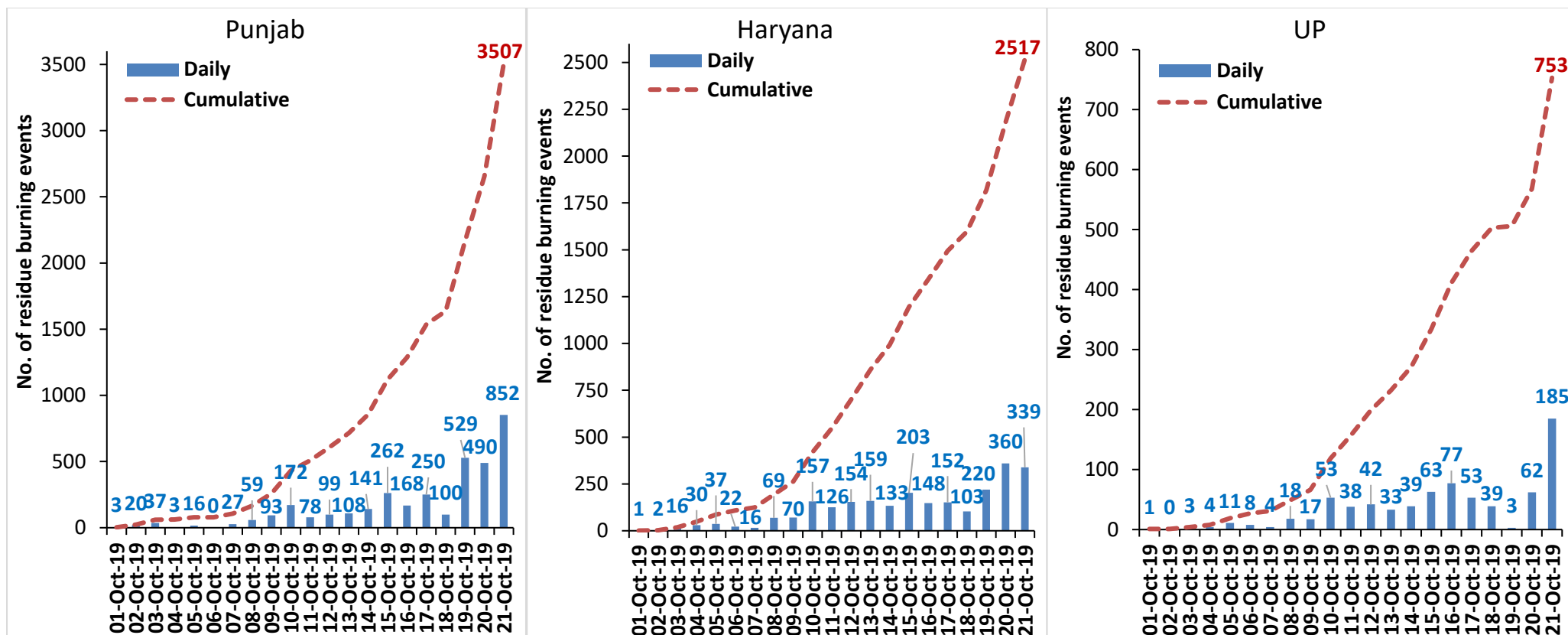
Consortium for Research on Agroecosystem Monitoring and Modeling from Space (CREAMS) Laboratory,
Division of Agricultural Physics, ICAR – Indian Agricultural Research Institute, New Delhi – 110012

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

Highlights for 21-October-2019

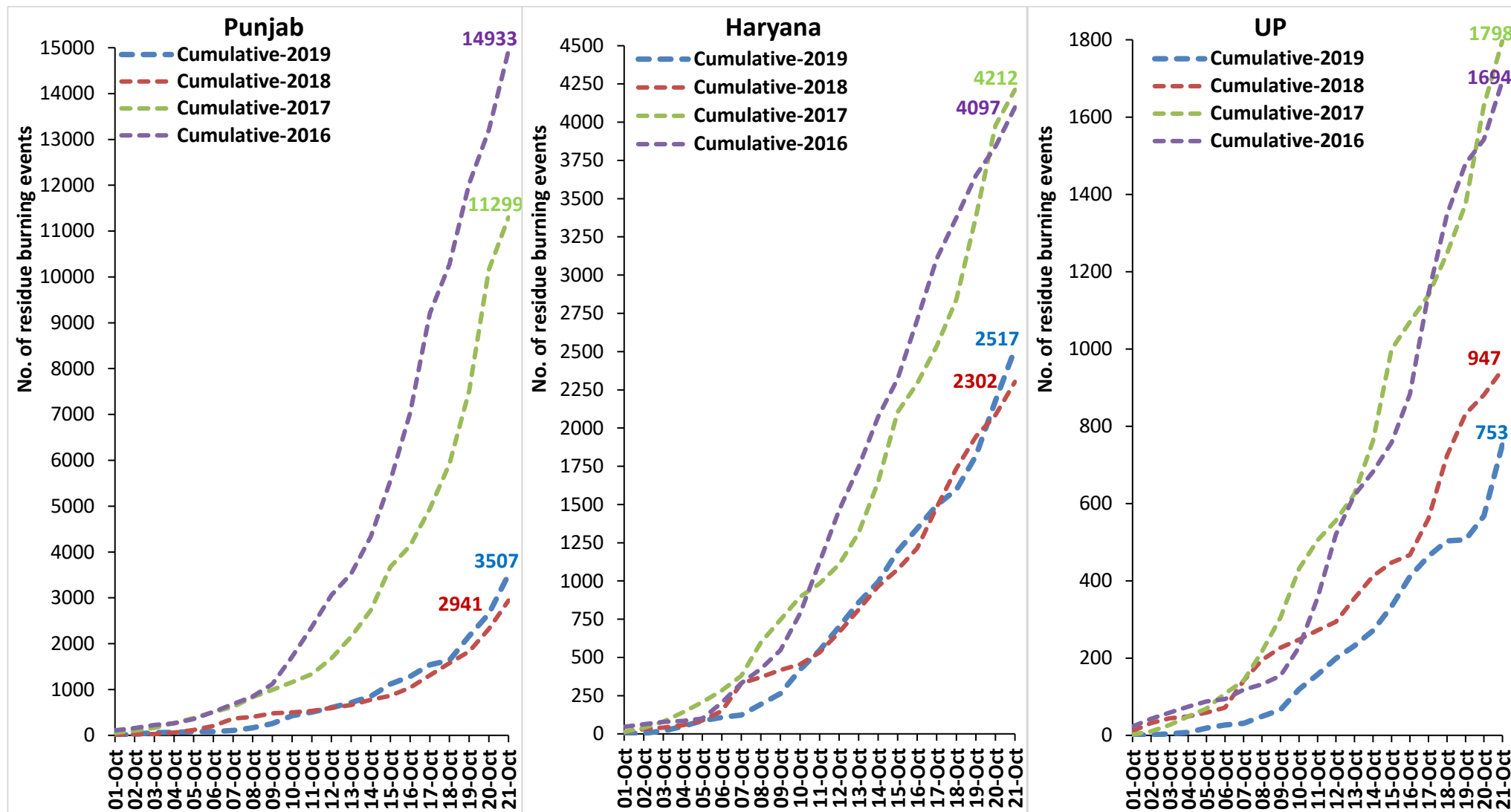
- Satellites detected **1376** residue burning events in the three study States on 21-Oct-2019.
- The burning events detected on **21-Oct-2019** are **852**, **339** and **185** in Punjab, Haryana and UP, respectively.
- The number of events has increased from **912** on **20-Oct-2019** to **1376** on **21-Oct-2019** in the three states.
- Total **6777** burning events were detected in the three States between **01-Oct-2019** and **21-Oct-2019**, which are distributed as **3507**, **2517** and **753** in Punjab, Haryana and UP, respectively.
- Overall, the total burning events recorded in the three states are **9.5%** more than in 2018 till date. UP recorded **20.5%** reduction while Punjab and Haryana recorded **19.2%** and **9.4%** increase, respectively, in the current season than in 2018.

Temporal distribution of residue burning events for the three study States in 2019

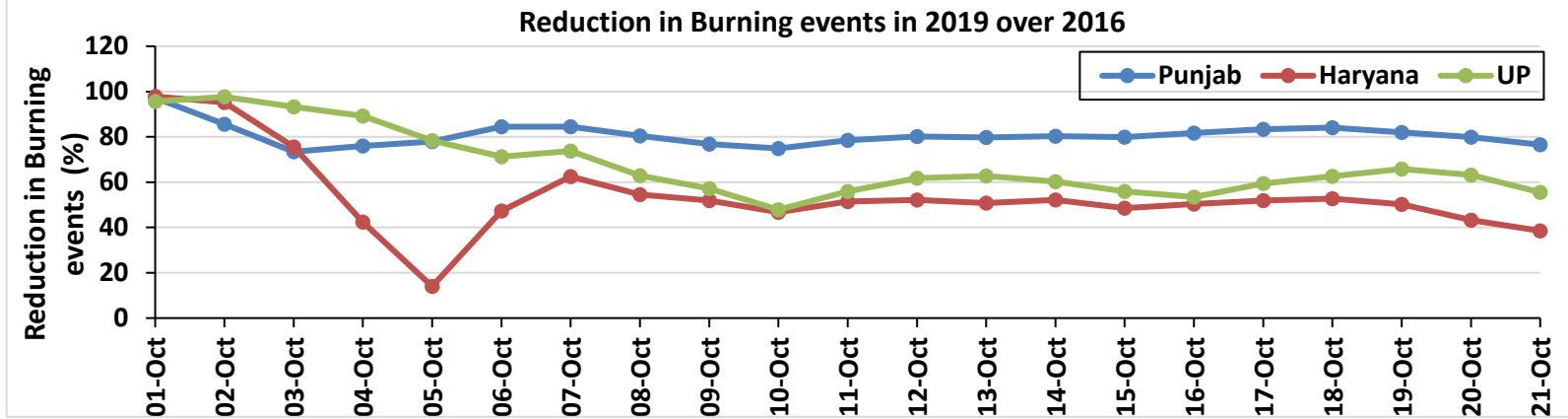
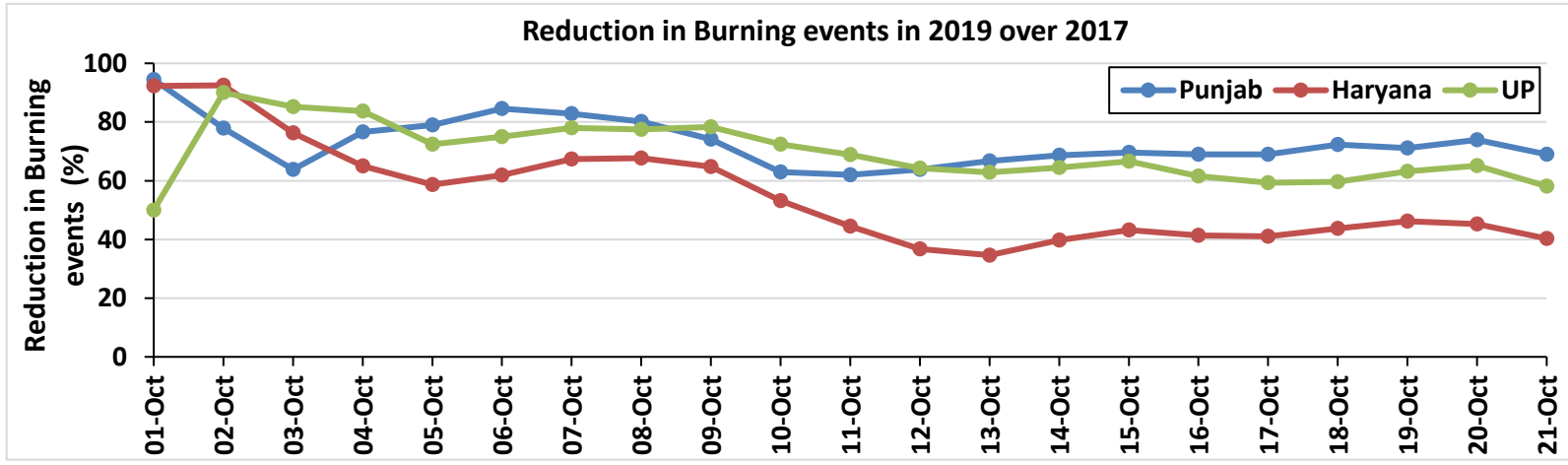
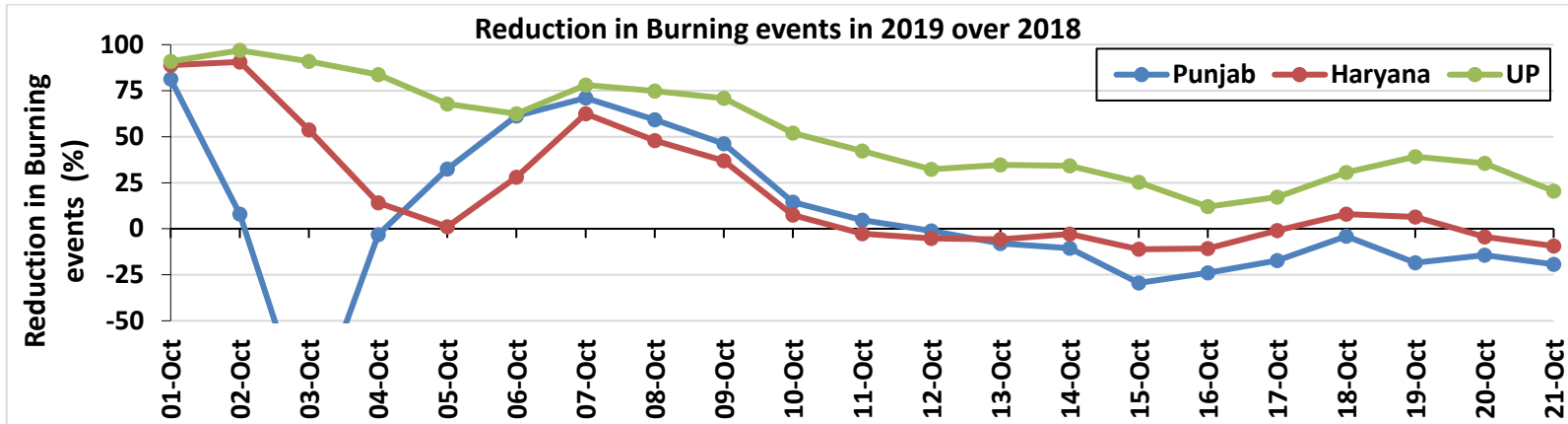


Comparison of residue burning events in current year (2019) with previous years (2018, 2017 & 2016) for the three study States

(01-Oct to 21-Oct)

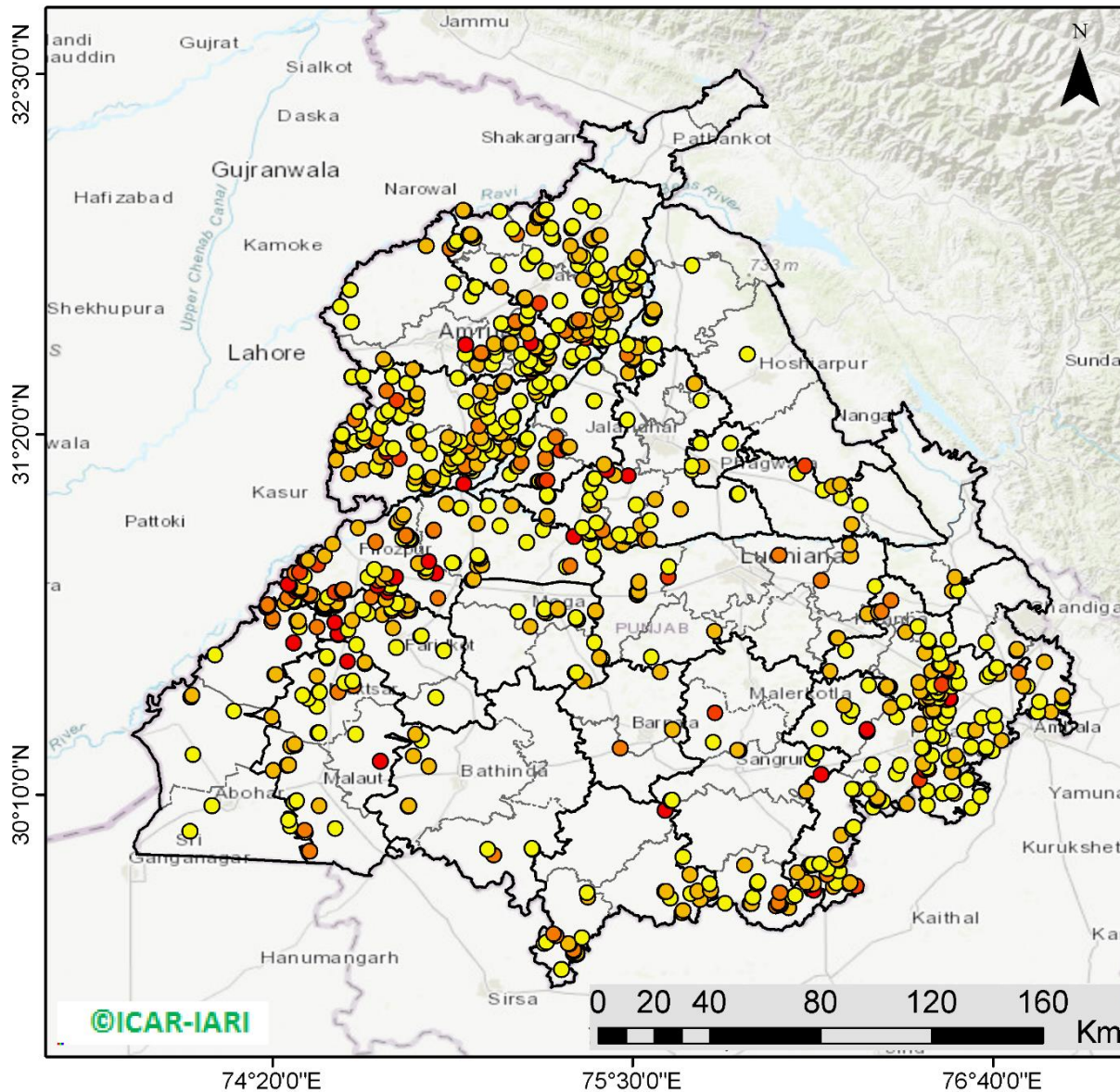


Percent Reduction in Burning events in 2019 over 2018, 2017 and 2016 (Daily Cumulative)



(a) Punjab

RICE RESIDUE BURNING IN PUNJAB



852 burning events detected in Punjab on 21st October 2019

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/>

Details of residue burning events in Punjab on 21-Oct-2019

| S. No. | District | Tehsil / Block | Satellite | Longitude | Latitude | Time (IST) | Day / Night | Fire Power (W/m2) |
|--------|----------|----------------|-----------|-----------|----------|------------|-------------|-------------------|
| 1 | AMRITSAR | AJNALA | S-NPP | 74.58937 | 31.69588 | 13:18:00 | D | 4.00 |
| 2 | AMRITSAR | AJNALA | S-NPP | 74.55341 | 31.74580 | 13:18:00 | D | 2.80 |
| 3 | AMRITSAR | AJNALA | S-NPP | 74.58549 | 31.80035 | 13:18:00 | D | 3.20 |
| 4 | AMRITSAR | AJNALA | S-NPP | 74.91875 | 31.82367 | 13:18:00 | D | 2.90 |
| 5 | AMRITSAR | AJNALA | S-NPP | 74.83201 | 31.94321 | 13:18:00 | D | 9.00 |
| 6 | AMRITSAR | AJNALA | S-NPP | 74.92494 | 31.94520 | 13:18:00 | D | 6.40 |
| 7 | AMRITSAR | AJNALA | S-NPP | 74.92409 | 31.94872 | 13:18:00 | D | 6.40 |
| 8 | AMRITSAR | AJNALA | S-NPP | 74.93173 | 31.95745 | 13:18:00 | D | 3.10 |
| 9 | AMRITSAR | AJNALA | AQUA | 74.96900 | 31.97500 | 13:30:00 | D | 7.30 |
| 10 | AMRITSAR | AMRITSAR I | AQUA | 74.99700 | 31.55600 | 13:30:00 | D | 9.80 |
| 11 | AMRITSAR | AMRITSAR I | S-NPP | 75.04592 | 31.55992 | 13:18:00 | D | 2.50 |
| 12 | AMRITSAR | AMRITSAR I | S-NPP | 75.05862 | 31.58790 | 13:18:00 | D | 2.70 |
| 13 | AMRITSAR | AMRITSAR I | S-NPP | 74.95774 | 31.59031 | 13:18:00 | D | 4.20 |
| 14 | AMRITSAR | AMRITSAR I | S-NPP | 75.01573 | 31.59347 | 13:18:00 | D | 5.20 |
| 15 | AMRITSAR | AMRITSAR I | S-NPP | 75.00838 | 31.59371 | 13:18:00 | D | 8.30 |
| 16 | AMRITSAR | AMRITSAR I | S-NPP | 75.01020 | 31.59615 | 13:18:00 | D | 14.70 |
| 17 | AMRITSAR | AMRITSAR I | S-NPP | 75.05434 | 31.61517 | 13:18:00 | D | 4.70 |
| 18 | AMRITSAR | AMRITSAR I | AQUA | 74.96000 | 31.62300 | 13:30:00 | D | 8.40 |
| 19 | AMRITSAR | AMRITSAR I | S-NPP | 74.95939 | 31.62380 | 13:18:00 | D | 22.80 |
| 20 | AMRITSAR | AMRITSAR I | S-NPP | 75.05178 | 31.62573 | 13:18:00 | D | 6.00 |
| 21 | AMRITSAR | AMRITSAR I | S-NPP | 75.11678 | 31.67769 | 13:18:00 | D | 4.60 |
| 22 | AMRITSAR | AMRITSAR I | S-NPP | 75.09016 | 31.68761 | 13:18:00 | D | 4.60 |
| 23 | AMRITSAR | AMRITSAR I | S-NPP | 75.07449 | 31.69216 | 13:18:00 | D | 3.20 |
| 24 | AMRITSAR | AMRITSAR I | S-NPP | 74.97673 | 31.78041 | 13:18:00 | D | 3.20 |
| 25 | AMRITSAR | AMRITSAR I | S-NPP | 74.99124 | 31.80736 | 13:18:00 | D | 2.70 |
| 26 | AMRITSAR | AMRITSAR I | S-NPP | 74.99411 | 31.80921 | 13:18:00 | D | 3.10 |
| 27 | AMRITSAR | AMRITSAR II | S-NPP | 74.59049 | 31.51917 | 13:18:00 | D | 3.00 |
| 28 | AMRITSAR | AMRITSAR II | S-NPP | 74.59272 | 31.51948 | 13:18:00 | D | 4.50 |
| 29 | AMRITSAR | AMRITSAR II | S-NPP | 74.70042 | 31.56562 | 13:18:00 | D | 4.80 |
| 30 | AMRITSAR | AMRITSAR II | S-NPP | 74.69294 | 31.57545 | 13:18:00 | D | 5.60 |
| 31 | AMRITSAR | BABA BAKALA | S-NPP | 75.26174 | 31.49994 | 13:18:00 | D | 2.80 |
| 32 | AMRITSAR | BABA BAKALA | AQUA | 75.17300 | 31.53600 | 13:25:00 | D | 18.60 |
| 33 | AMRITSAR | BABA BAKALA | S-NPP | 75.17613 | 31.54286 | 13:18:00 | D | 4.30 |
| 34 | AMRITSAR | BABA BAKALA | S-NPP | 75.14203 | 31.54408 | 13:18:00 | D | 2.70 |
| 35 | AMRITSAR | BABA BAKALA | AQUA | 75.16600 | 31.54500 | 13:30:00 | D | 9.50 |

| | | | | | | | | |
|----|----------|-------------|-------|----------|----------|----------|---|-------|
| 36 | AMRITSAR | BABA BAKALA | AQUA | 75.17900 | 31.54700 | 13:30:00 | D | 9.40 |
| 37 | AMRITSAR | BABA BAKALA | S-NPP | 75.15971 | 31.55090 | 13:18:00 | D | 4.00 |
| 38 | AMRITSAR | BABA BAKALA | S-NPP | 75.21220 | 31.55296 | 13:18:00 | D | 8.20 |
| 39 | AMRITSAR | BABA BAKALA | S-NPP | 75.19752 | 31.55400 | 13:18:00 | D | 6.00 |
| 40 | AMRITSAR | BABA BAKALA | S-NPP | 75.20129 | 31.55832 | 13:18:00 | D | 4.90 |
| 41 | AMRITSAR | BABA BAKALA | S-NPP | 75.29943 | 31.56850 | 13:18:00 | D | 4.00 |
| 42 | AMRITSAR | BABA BAKALA | S-NPP | 75.16935 | 31.57091 | 13:18:00 | D | 1.90 |
| 43 | AMRITSAR | BABA BAKALA | AQUA | 75.22600 | 31.57600 | 13:30:00 | D | 7.10 |
| 44 | AMRITSAR | BABA BAKALA | AQUA | 75.30700 | 31.58000 | 13:30:00 | D | 7.40 |
| 45 | AMRITSAR | BABA BAKALA | S-NPP | 75.22471 | 31.58074 | 13:18:00 | D | 5.30 |
| 46 | AMRITSAR | BABA BAKALA | S-NPP | 75.22932 | 31.58156 | 13:18:00 | D | 6.70 |
| 47 | AMRITSAR | BABA BAKALA | S-NPP | 75.30523 | 31.58408 | 13:18:00 | D | 5.00 |
| 48 | AMRITSAR | BABA BAKALA | S-NPP | 75.14027 | 31.59136 | 13:18:00 | D | 3.40 |
| 49 | AMRITSAR | BABA BAKALA | S-NPP | 75.21674 | 31.59392 | 13:18:00 | D | 4.00 |
| 50 | AMRITSAR | BABA BAKALA | S-NPP | 75.22134 | 31.59473 | 13:18:00 | D | 4.00 |
| 51 | AMRITSAR | BABA BAKALA | S-NPP | 75.34007 | 31.59751 | 13:18:00 | D | 2.20 |
| 52 | AMRITSAR | BABA BAKALA | AQUA | 75.19100 | 31.61100 | 13:30:00 | D | 18.60 |
| 53 | AMRITSAR | BABA BAKALA | S-NPP | 75.22171 | 31.61304 | 13:18:00 | D | 1.60 |
| 54 | AMRITSAR | BABA BAKALA | S-NPP | 75.19237 | 31.61517 | 13:18:00 | D | 9.60 |
| 55 | AMRITSAR | BABA BAKALA | S-NPP | 75.18690 | 31.61786 | 13:18:00 | D | 5.30 |
| 56 | AMRITSAR | BABA BAKALA | AQUA | 75.09800 | 31.62600 | 13:30:00 | D | 10.80 |
| 57 | AMRITSAR | BABA BAKALA | AQUA | 75.10500 | 31.62700 | 13:30:00 | D | 9.10 |
| 58 | AMRITSAR | BABA BAKALA | S-NPP | 75.17200 | 31.62905 | 13:18:00 | D | 32.20 |
| 59 | AMRITSAR | BABA BAKALA | S-NPP | 75.23814 | 31.63363 | 13:18:00 | D | 2.10 |
| 60 | AMRITSAR | BABA BAKALA | S-NPP | 75.23590 | 31.63375 | 13:18:00 | D | 2.80 |
| 61 | AMRITSAR | BABA BAKALA | S-NPP | 75.29971 | 31.65557 | 13:18:00 | D | 5.80 |
| 62 | AMRITSAR | BABA BAKALA | S-NPP | 75.15976 | 31.65974 | 13:18:00 | D | 8.10 |
| 63 | AMRITSAR | BABA BAKALA | S-NPP | 75.28265 | 31.66707 | 13:18:00 | D | 13.00 |
| 64 | AMRITSAR | BABA BAKALA | S-NPP | 75.25929 | 31.68475 | 13:18:00 | D | 4.00 |
| 65 | AMRITSAR | BABA BAKALA | S-NPP | 75.12264 | 31.69337 | 13:18:00 | D | 2.70 |
| 66 | AMRITSAR | BABA BAKALA | S-NPP | 75.12179 | 31.69687 | 13:18:00 | D | 11.20 |
| 67 | AMRITSAR | BABA BAKALA | S-NPP | 75.15796 | 31.70692 | 13:18:00 | D | 1.80 |
| 68 | AMRITSAR | BABA BAKALA | S-NPP | 75.15711 | 31.71042 | 13:18:00 | D | 1.70 |
| 69 | AMRITSAR | BABA BAKALA | S-NPP | 75.16286 | 31.73310 | 13:18:00 | D | 3.70 |
| 70 | BARNALA | BARNALA | S-NPP | 75.62975 | 30.37719 | 13:18:00 | D | 7.00 |
| 71 | BARNALA | BARNALA | S-NPP | 75.58922 | 30.56249 | 13:18:00 | D | 9.50 |
| 72 | BARNALA | TAPPA | AQUA | 75.46000 | 30.31700 | 13:25:00 | D | 14.40 |
| 73 | BATHINDA | BATHINDA | S-NPP | 74.77326 | 30.12970 | 13:18:00 | D | 7.90 |
| 74 | BATHINDA | BATHINDA | S-NPP | 74.77509 | 30.13068 | 13:18:00 | D | 8.60 |

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|-----|----------|---------------|-------|----------|----------|----------|---|-------|
| 75 | BATHINDA | BATHINDA | S-NPP | 74.84129 | 30.25887 | 13:18:00 | D | 6.40 |
| 76 | BATHINDA | BATHINDA | AQUA | 74.79000 | 30.29100 | 13:25:00 | D | 6.80 |
| 77 | BATHINDA | BATHINDA | S-NPP | 74.81629 | 30.34115 | 13:18:00 | D | 2.40 |
| 78 | BATHINDA | TALWANDI SABO | S-NPP | 75.05043 | 29.97016 | 13:18:00 | D | 14.80 |
| 79 | BATHINDA | TALWANDI SABO | S-NPP | 75.03085 | 29.98910 | 13:18:00 | D | 4.40 |
| 80 | BATHINDA | TALWANDI SABO | S-NPP | 75.17551 | 29.98937 | 13:18:00 | D | 3.10 |
| 81 | BATHINDA | TALWANDI SABO | S-NPP | 75.17466 | 29.99294 | 13:18:00 | D | 3.10 |
| 82 | FARIDKOT | FARIDKOT | S-NPP | 74.88941 | 30.63307 | 13:18:00 | D | 1.80 |
| 83 | FARIDKOT | FARIDKOT | S-NPP | 74.73499 | 30.64255 | 13:18:00 | D | 2.40 |
| 84 | FARIDKOT | FARIDKOT | S-NPP | 74.60615 | 30.65199 | 13:18:00 | D | 3.20 |
| 85 | FARIDKOT | FARIDKOT | S-NPP | 74.81433 | 30.67938 | 13:18:00 | D | 4.00 |
| 86 | FARIDKOT | FARIDKOT | S-NPP | 74.81741 | 30.68006 | 13:18:00 | D | 2.50 |
| 87 | FARIDKOT | FARIDKOT | S-NPP | 74.54673 | 30.68278 | 13:18:00 | D | 32.30 |
| 88 | FARIDKOT | FARIDKOT | AQUA | 74.54900 | 30.68500 | 13:25:00 | D | 11.50 |
| 89 | FARIDKOT | FARIDKOT | S-NPP | 74.54583 | 30.68642 | 13:18:00 | D | 32.30 |
| 90 | FARIDKOT | FARIDKOT | S-NPP | 74.57881 | 30.70011 | 13:18:00 | D | 2.60 |
| 91 | FARIDKOT | FARIDKOT | AQUA | 74.72500 | 30.70500 | 13:25:00 | D | 8.10 |
| 92 | FARIDKOT | FARIDKOT | S-NPP | 74.47787 | 30.70820 | 13:18:00 | D | 12.80 |
| 93 | FARIDKOT | FARIDKOT | AQUA | 74.53500 | 30.72000 | 13:25:00 | D | 51.80 |
| 94 | FARIDKOT | FARIDKOT | S-NPP | 74.53687 | 30.72283 | 13:18:00 | D | 30.30 |
| 95 | FARIDKOT | FARIDKOT | AQUA | 74.59300 | 30.73100 | 13:25:00 | D | 7.40 |
| 96 | FARIDKOT | FARIDKOT | S-NPP | 74.68999 | 30.75076 | 13:18:00 | D | 9.10 |
| 97 | FARIDKOT | FARIDKOT | S-NPP | 74.64311 | 30.75358 | 13:18:00 | D | 4.70 |
| 98 | FARIDKOT | FARIDKOT | AQUA | 74.76500 | 30.76200 | 13:25:00 | D | 15.20 |
| 99 | FARIDKOT | FARIDKOT | AQUA | 74.72000 | 30.76400 | 13:25:00 | D | 20.00 |
| 100 | FARIDKOT | FARIDKOT | AQUA | 74.77900 | 30.76400 | 13:25:00 | D | 9.50 |
| 101 | FARIDKOT | FARIDKOT | S-NPP | 74.62703 | 30.76538 | 13:18:00 | D | 3.20 |
| 102 | FARIDKOT | FARIDKOT | S-NPP | 74.77299 | 30.76581 | 13:18:00 | D | 5.90 |
| 103 | FARIDKOT | FARIDKOT | S-NPP | 74.72073 | 30.77141 | 13:18:00 | D | 2.20 |
| 104 | FARIDKOT | FARIDKOT | S-NPP | 74.54079 | 30.77971 | 13:18:00 | D | 13.50 |
| 105 | FARIDKOT | FARIDKOT | S-NPP | 74.76947 | 30.78021 | 13:18:00 | D | 8.40 |
| 106 | FARIDKOT | FARIDKOT | S-NPP | 74.77142 | 30.78089 | 13:18:00 | D | 17.00 |
| 107 | FARIDKOT | FARIDKOT | S-NPP | 74.77434 | 30.78109 | 13:18:00 | D | 8.40 |
| 108 | FARIDKOT | FARIDKOT | AQUA | 74.54400 | 30.78300 | 13:25:00 | D | 12.60 |
| 109 | FARIDKOT | FARIDKOT | S-NPP | 74.53989 | 30.78335 | 13:18:00 | D | 40.60 |
| 110 | FARIDKOT | FARIDKOT | S-NPP | 74.54487 | 30.78427 | 13:18:00 | D | 6.10 |
| 111 | FARIDKOT | FARIDKOT | S-NPP | 74.73962 | 30.78629 | 13:18:00 | D | 1.80 |
| 112 | FARIDKOT | FARIDKOT | S-NPP | 74.54397 | 30.78790 | 13:18:00 | D | 6.10 |
| 113 | FARIDKOT | FARIDKOT | S-NPP | 74.70108 | 30.79801 | 13:18:00 | D | 5.80 |

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|-----|-----------------|-----------------|-------|----------|----------|----------|---|-------|
| 114 | FARIDKOT | FARIDKOT | S-NPP | 74.65347 | 30.80433 | 13:18:00 | D | 12.00 |
| 115 | FARIDKOT | FARIDKOT | TERRA | 74.70800 | 30.82200 | 11:50:00 | D | 23.00 |
| 116 | FARIDKOT | JAITO | S-NPP | 74.86276 | 30.48124 | 13:18:00 | D | 3.60 |
| 117 | FATEHGARH SAHIB | ALMOH | AQUA | 76.14000 | 30.56600 | 13:25:00 | D | 7.70 |
| 118 | FATEHGARH SAHIB | ALMOH | S-NPP | 76.19049 | 30.63474 | 13:18:00 | D | 4.30 |
| 119 | FATEHGARH SAHIB | BASSI PATHANAN | AQUA | 76.45800 | 30.66200 | 13:25:00 | D | 6.10 |
| 120 | FATEHGARH SAHIB | BASSI PATHANAN | S-NPP | 76.45575 | 30.66597 | 13:18:00 | D | 3.60 |
| 121 | FATEHGARH SAHIB | BASSI PATHANAN | S-NPP | 76.38324 | 30.69247 | 13:18:00 | D | 7.10 |
| 122 | FATEHGARH SAHIB | BASSI PATHANAN | S-NPP | 76.42368 | 30.70990 | 13:18:00 | D | 4.50 |
| 123 | FATEHGARH SAHIB | FATEHGARH SAHIB | AQUA | 76.45100 | 30.47600 | 13:25:00 | D | 7.80 |
| 124 | FATEHGARH SAHIB | FATEHGARH SAHIB | AQUA | 76.46300 | 30.47800 | 13:25:00 | D | 8.20 |
| 125 | FATEHGARH SAHIB | FATEHGARH SAHIB | S-NPP | 76.49171 | 30.47910 | 13:18:00 | D | 1.90 |
| 126 | FATEHGARH SAHIB | FATEHGARH SAHIB | S-NPP | 76.45957 | 30.48424 | 13:18:00 | D | 7.10 |
| 127 | FATEHGARH SAHIB | FATEHGARH SAHIB | AQUA | 76.49600 | 30.49300 | 13:25:00 | D | 12.60 |
| 128 | FATEHGARH SAHIB | FATEHGARH SAHIB | S-NPP | 76.48789 | 30.49608 | 13:18:00 | D | 3.30 |
| 129 | FATEHGARH SAHIB | FATEHGARH SAHIB | S-NPP | 76.45651 | 30.49784 | 13:18:00 | D | 3.20 |
| 130 | FATEHGARH SAHIB | FATEHGARH SAHIB | S-NPP | 76.48713 | 30.49949 | 13:18:00 | D | 3.30 |
| 131 | FATEHGARH SAHIB | FATEHGARH SAHIB | S-NPP | 76.43788 | 30.50176 | 13:18:00 | D | 4.00 |
| 132 | FATEHGARH SAHIB | FATEHGARH SAHIB | AQUA | 76.43300 | 30.50200 | 13:25:00 | D | 6.60 |
| 133 | FATEHGARH SAHIB | FATEHGARH SAHIB | S-NPP | 76.48833 | 30.51379 | 13:18:00 | D | 2.00 |
| 134 | FATEHGARH SAHIB | FATEHGARH SAHIB | AQUA | 76.33200 | 30.51500 | 13:25:00 | D | 8.30 |
| 135 | FATEHGARH SAHIB | FATEHGARH SAHIB | S-NPP | 76.47401 | 30.51844 | 13:18:00 | D | 2.40 |
| 136 | FATEHGARH SAHIB | FATEHGARH SAHIB | AQUA | 76.42700 | 30.53000 | 13:25:00 | D | 6.80 |
| 137 | FATEHGARH SAHIB | FATEHGARH SAHIB | S-NPP | 76.54803 | 30.56553 | 13:18:00 | D | 1.60 |
| 138 | FATEHGARH SAHIB | FATEHGARH SAHIB | S-NPP | 76.46844 | 30.56610 | 13:18:00 | D | 9.90 |
| 139 | FATEHGARH SAHIB | FATEHGARH SAHIB | S-NPP | 76.52028 | 30.57138 | 13:18:00 | D | 8.00 |
| 140 | FATEHGARH SAHIB | FATEHGARH SAHIB | S-NPP | 76.51951 | 30.57477 | 13:18:00 | D | 12.00 |
| 141 | FATEHGARH SAHIB | FATEHGARH SAHIB | AQUA | 76.49300 | 30.58600 | 13:25:00 | D | 6.90 |
| 142 | FATEHGARH SAHIB | FATEHGARH SAHIB | S-NPP | 76.49444 | 30.58813 | 13:18:00 | D | 4.90 |
| 143 | FATEHGARH SAHIB | FATEHGARH SAHIB | S-NPP | 76.49870 | 30.58886 | 13:18:00 | D | 4.90 |
| 144 | FATEHGARH SAHIB | FATEHGARH SAHIB | S-NPP | 76.49107 | 30.62280 | 13:18:00 | D | 2.90 |
| 145 | FATEHGARH SAHIB | FATEHGARH SAHIB | S-NPP | 76.44613 | 30.62581 | 13:18:00 | D | 7.70 |
| 146 | FATEHGARH SAHIB | KHAMANOH | AQUA | 76.33600 | 30.79400 | 13:25:00 | D | 11.60 |
| 147 | FAZILKA | ABOHAR | S-NPP | 74.06718 | 30.04702 | 13:18:00 | D | 4.20 |
| 148 | FAZILKA | ABOHAR | S-NPP | 74.13778 | 30.13020 | 13:18:00 | D | 3.80 |
| 149 | FAZILKA | FAZILKA | S-NPP | 74.07770 | 30.29499 | 13:18:00 | D | 4.20 |
| 150 | FAZILKA | FAZILKA | S-NPP | 74.20925 | 30.43636 | 13:18:00 | D | 3.50 |
| 151 | FAZILKA | FAZILKA | AQUA | 74.07000 | 30.48300 | 13:25:00 | D | 11.40 |
| 152 | FAZILKA | FAZILKA | S-NPP | 74.07426 | 30.48930 | 13:18:00 | D | 6.50 |

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| 153 | FAZILKA | JALALABAD | AQUA | 74.34100 | 30.55400 | 13:25:00 | D | 18.20 |
| 154 | FAZILKA | JALALABAD | S-NPP | 74.34441 | 30.55547 | 13:18:00 | D | 6.80 |
| 155 | FAZILKA | JALALABAD | S-NPP | 74.14790 | 30.61996 | 13:18:00 | D | 4.90 |
| 156 | FAZILKA | JALALABAD | TERRA | 74.40200 | 30.65800 | 11:50:00 | D | 40.60 |
| 157 | FAZILKA | JALALABAD | S-NPP | 74.41989 | 30.70902 | 13:18:00 | D | 1.20 |
| 158 | FAZILKA | JALALABAD | AQUA | 74.33300 | 30.72800 | 13:25:00 | D | 11.70 |
| 159 | FAZILKA | JALALABAD | S-NPP | 74.41214 | 30.72897 | 13:18:00 | D | 7.00 |
| 160 | FAZILKA | JALALABAD | S-NPP | 74.41717 | 30.72991 | 13:18:00 | D | 7.00 |
| 161 | FAZILKA | JALALABAD | S-NPP | 74.33596 | 30.73769 | 13:18:00 | D | 14.80 |
| 162 | FAZILKA | JALALABAD | AQUA | 74.31500 | 30.77400 | 13:25:00 | D | 8.00 |
| 163 | FAZILKA | JALALABAD | S-NPP | 74.32085 | 30.77715 | 13:18:00 | D | 17.50 |
| 164 | FAZILKA | JALALABAD | S-NPP | 74.31993 | 30.78082 | 13:18:00 | D | 10.70 |
| 165 | FAZILKA | JALALABAD | AQUA | 74.37500 | 30.78500 | 13:25:00 | D | 8.10 |
| 166 | FAZILKA | JALALABAD | AQUA | 74.40400 | 30.79000 | 13:25:00 | D | 17.60 |
| 167 | FAZILKA | JALALABAD | S-NPP | 74.40086 | 30.79578 | 13:18:00 | D | 2.40 |
| 168 | FIROZPUR | FIROZPUR | S-NPP | 74.50687 | 30.76961 | 13:18:00 | D | 7.20 |
| 169 | FIROZPUR | FIROZPUR | S-NPP | 74.49599 | 30.77139 | 13:18:00 | D | 38.10 |
| 170 | FIROZPUR | FIROZPUR | AQUA | 74.50000 | 30.77500 | 13:25:00 | D | 26.30 |
| 171 | FIROZPUR | FIROZPUR | AQUA | 74.51500 | 30.77700 | 13:25:00 | D | 20.20 |
| 172 | FIROZPUR | FIROZPUR | AQUA | 74.50500 | 30.78000 | 13:25:00 | D | 48.30 |
| 173 | FIROZPUR | FIROZPUR | S-NPP | 74.50417 | 30.78053 | 13:18:00 | D | 4.70 |
| 174 | FIROZPUR | FIROZPUR | S-NPP | 74.50916 | 30.78146 | 13:18:00 | D | 4.70 |
| 175 | FIROZPUR | FIROZPUR | S-NPP | 74.50327 | 30.78417 | 13:18:00 | D | 9.90 |
| 176 | FIROZPUR | FIROZPUR | S-NPP | 74.87022 | 30.80209 | 13:18:00 | D | 10.50 |
| 177 | FIROZPUR | FIROZPUR | S-NPP | 74.38301 | 30.80397 | 13:18:00 | D | 13.90 |
| 178 | FIROZPUR | FIROZPUR | S-NPP | 74.51373 | 30.80514 | 13:18:00 | D | 1.80 |
| 179 | FIROZPUR | FIROZPUR | S-NPP | 74.45519 | 30.80961 | 13:18:00 | D | 3.50 |
| 180 | FIROZPUR | FIROZPUR | AQUA | 74.46100 | 30.81100 | 13:25:00 | D | 7.30 |
| 181 | FIROZPUR | FIROZPUR | S-NPP | 74.46520 | 30.81145 | 13:18:00 | D | 3.60 |
| 182 | FIROZPUR | FIROZPUR | S-NPP | 74.45428 | 30.81326 | 13:18:00 | D | 10.60 |
| 183 | FIROZPUR | FIROZPUR | AQUA | 74.55100 | 30.81700 | 13:25:00 | D | 26.10 |
| 184 | FIROZPUR | FIROZPUR | AQUA | 74.56500 | 30.81900 | 13:25:00 | D | 88.90 |
| 185 | FIROZPUR | FIROZPUR | S-NPP | 74.53590 | 30.82062 | 13:18:00 | D | 15.70 |
| 186 | FIROZPUR | FIROZPUR | AQUA | 74.41100 | 30.82400 | 13:25:00 | D | 42.60 |
| 187 | FIROZPUR | FIROZPUR | S-NPP | 74.56071 | 30.82517 | 13:18:00 | D | 4.40 |
| 188 | FIROZPUR | FIROZPUR | S-NPP | 74.56566 | 30.82608 | 13:18:00 | D | 14.40 |
| 189 | FIROZPUR | FIROZPUR | AQUA | 74.42600 | 30.82700 | 13:25:00 | D | 35.70 |
| 190 | FIROZPUR | FIROZPUR | S-NPP | 74.55981 | 30.82880 | 13:18:00 | D | 4.40 |
| 191 | FIROZPUR | FIROZPUR | S-NPP | 74.56477 | 30.82971 | 13:18:00 | D | 14.40 |

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| 192 | FIROZPUR | FIROZPUR | S-NPP | 74.41541 | 30.83096 | 13:18:00 | D | 5.90 |
| 193 | FIROZPUR | FIROZPUR | S-NPP | 74.42043 | 30.83190 | 13:18:00 | D | 9.80 |
| 194 | FIROZPUR | FIROZPUR | S-NPP | 74.41785 | 30.83331 | 13:18:00 | D | 12.90 |
| 195 | FIROZPUR | FIROZPUR | S-NPP | 74.42287 | 30.83423 | 13:18:00 | D | 12.90 |
| 196 | FIROZPUR | FIROZPUR | AQUA | 74.71100 | 30.83500 | 13:25:00 | D | 10.80 |
| 197 | FIROZPUR | FIROZPUR | S-NPP | 74.42455 | 30.83649 | 13:18:00 | D | 9.80 |
| 198 | FIROZPUR | FIROZPUR | AQUA | 74.39100 | 30.84200 | 13:25:00 | D | 26.70 |
| 199 | FIROZPUR | FIROZPUR | S-NPP | 74.71577 | 30.84218 | 13:18:00 | D | 4.40 |
| 200 | FIROZPUR | FIROZPUR | S-NPP | 74.67490 | 30.84226 | 13:18:00 | D | 28.80 |
| 201 | FIROZPUR | FIROZPUR | AQUA | 74.38500 | 30.84600 | 13:25:00 | D | 20.40 |
| 202 | FIROZPUR | FIROZPUR | AQUA | 74.67500 | 30.86000 | 13:25:00 | D | 16.10 |
| 203 | FIROZPUR | FIROZPUR | S-NPP | 74.69005 | 30.86388 | 13:18:00 | D | 8.50 |
| 204 | FIROZPUR | FIROZPUR | AQUA | 74.71800 | 30.86800 | 13:25:00 | D | 12.00 |
| 205 | FIROZPUR | FIROZPUR | S-NPP | 74.64445 | 30.87004 | 13:18:00 | D | 6.40 |
| 206 | FIROZPUR | FIROZPUR | S-NPP | 74.64239 | 30.87033 | 13:18:00 | D | 4.70 |
| 207 | FIROZPUR | FIROZPUR | AQUA | 74.73200 | 30.87100 | 13:25:00 | D | 34.40 |
| 208 | FIROZPUR | FIROZPUR | S-NPP | 74.43645 | 30.87310 | 13:18:00 | D | 3.90 |
| 209 | FIROZPUR | FIROZPUR | S-NPP | 74.70311 | 30.88095 | 13:18:00 | D | 13.50 |
| 210 | FIROZPUR | FIROZPUR | S-NPP | 74.70116 | 30.88096 | 13:18:00 | D | 6.00 |
| 211 | FIROZPUR | FIROZPUR | AQUA | 74.40700 | 30.88300 | 13:25:00 | D | 13.80 |
| 212 | FIROZPUR | FIROZPUR | S-NPP | 74.86243 | 30.88380 | 13:18:00 | D | 25.00 |
| 213 | FIROZPUR | FIROZPUR | AQUA | 74.42200 | 30.88600 | 13:25:00 | D | 16.50 |
| 214 | FIROZPUR | FIROZPUR | AQUA | 74.83000 | 30.88800 | 13:25:00 | D | 8.10 |
| 215 | FIROZPUR | FIROZPUR | S-NPP | 74.66363 | 30.89627 | 13:18:00 | D | 4.10 |
| 216 | FIROZPUR | FIROZPUR | S-NPP | 74.82997 | 30.90070 | 13:18:00 | D | 2.80 |
| 217 | FIROZPUR | FIROZPUR | S-NPP | 74.83311 | 30.90097 | 13:18:00 | D | 3.70 |
| 218 | FIROZPUR | FIROZPUR | S-NPP | 74.47918 | 30.91149 | 13:18:00 | D | 18.70 |
| 219 | FIROZPUR | FIROZPUR | S-NPP | 74.80630 | 30.91507 | 13:18:00 | D | 5.60 |
| 220 | FIROZPUR | FIROZPUR | S-NPP | 74.84005 | 30.92128 | 13:18:00 | D | 24.50 |
| 221 | FIROZPUR | FIROZPUR | AQUA | 74.44300 | 30.92200 | 13:25:00 | D | 35.20 |
| 222 | FIROZPUR | FIROZPUR | S-NPP | 74.44971 | 30.92512 | 13:18:00 | D | 5.40 |
| 223 | FIROZPUR | FIROZPUR | S-NPP | 74.50363 | 30.93879 | 13:18:00 | D | 9.00 |
| 224 | FIROZPUR | FIROZPUR | AQUA | 74.52900 | 30.97700 | 13:25:00 | D | 7.10 |
| 225 | FIROZPUR | FIROZPUR | AQUA | 74.66900 | 30.98400 | 13:25:00 | D | 11.60 |
| 226 | FIROZPUR | FIROZPUR | AQUA | 74.77000 | 30.99100 | 13:25:00 | D | 43.90 |
| 227 | FIROZPUR | FIROZPUR | AQUA | 74.78400 | 30.99400 | 13:25:00 | D | 22.30 |
| 228 | FIROZPUR | FIROZPUR | S-NPP | 74.77650 | 30.99584 | 13:18:00 | D | 4.90 |
| 229 | FIROZPUR | FIROZPUR | S-NPP | 74.75623 | 30.99594 | 13:18:00 | D | 3.80 |
| 230 | FIROZPUR | FIROZPUR | S-NPP | 74.76900 | 31.00574 | 13:18:00 | D | 8.00 |

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| 231 | FIROZPUR | FIROZPUR | S-NPP | 74.76604 | 31.00582 | 13:18:00 | D | 11.60 |
| 232 | FIROZPUR | FIROZPUR | S-NPP | 74.61247 | 31.03023 | 13:18:00 | D | 8.40 |
| 233 | FIROZPUR | FIROZPUR | AQUA | 74.73600 | 31.04600 | 13:25:00 | D | 7.10 |
| 234 | FIROZPUR | FIROZPUR | S-NPP | 74.74010 | 31.04983 | 13:18:00 | D | 10.00 |
| 235 | FIROZPUR | FIROZPUR | S-NPP | 74.75198 | 31.06325 | 13:18:00 | D | 8.40 |
| 236 | FIROZPUR | FIROZPUR | AQUA | 74.75900 | 31.07200 | 13:25:00 | D | 7.30 |
| 237 | FIROZPUR | ZIRA | AQUA | 74.98600 | 30.86400 | 13:25:00 | D | 8.50 |
| 238 | FIROZPUR | ZIRA | S-NPP | 75.28557 | 30.90442 | 13:18:00 | D | 4.30 |
| 239 | FIROZPUR | ZIRA | AQUA | 74.99800 | 30.90700 | 13:25:00 | D | 7.00 |
| 240 | FIROZPUR | ZIRA | AQUA | 75.29800 | 30.90800 | 13:25:00 | D | 14.90 |
| 241 | FIROZPUR | ZIRA | AQUA | 75.01200 | 30.91000 | 13:25:00 | D | 8.70 |
| 242 | FIROZPUR | ZIRA | S-NPP | 74.91956 | 30.91647 | 13:18:00 | D | 4.10 |
| 243 | FIROZPUR | ZIRA | S-NPP | 74.91629 | 30.91661 | 13:18:00 | D | 3.90 |
| 244 | FIROZPUR | ZIRA | AQUA | 75.00700 | 30.93000 | 13:25:00 | D | 9.80 |
| 245 | FIROZPUR | ZIRA | S-NPP | 74.99971 | 30.93450 | 13:18:00 | D | 4.30 |
| 246 | FIROZPUR | ZIRA | S-NPP | 75.00103 | 30.93588 | 13:18:00 | D | 8.50 |
| 247 | FIROZPUR | ZIRA | S-NPP | 74.99885 | 30.93806 | 13:18:00 | D | 4.30 |
| 248 | FIROZPUR | ZIRA | S-NPP | 75.00017 | 30.93944 | 13:18:00 | D | 4.10 |
| 249 | FIROZPUR | ZIRA | S-NPP | 75.15672 | 30.98270 | 13:18:00 | D | 2.80 |
| 250 | FIROZPUR | ZIRA | AQUA | 75.31000 | 31.00300 | 13:25:00 | D | 27.40 |
| 251 | FIROZPUR | ZIRA | S-NPP | 74.85580 | 31.02131 | 13:18:00 | D | 4.30 |
| 252 | FIROZPUR | ZIRA | S-NPP | 74.85748 | 31.02268 | 13:18:00 | D | 13.80 |
| 253 | FIROZPUR | ZIRA | S-NPP | 75.20968 | 31.02536 | 13:18:00 | D | 3.00 |
| 254 | FIROZPUR | ZIRA | S-NPP | 75.07017 | 31.03732 | 13:18:00 | D | 2.60 |
| 255 | FIROZPUR | ZIRA | S-NPP | 74.99501 | 31.04243 | 13:18:00 | D | 6.90 |
| 256 | FIROZPUR | ZIRA | S-NPP | 74.99643 | 31.04444 | 13:18:00 | D | 9.50 |
| 257 | FIROZPUR | ZIRA | AQUA | 74.94100 | 31.09300 | 13:25:00 | D | 17.30 |
| 258 | FIROZPUR | ZIRA | S-NPP | 74.94470 | 31.09445 | 13:18:00 | D | 4.80 |
| 259 | FIROZPUR | ZIRA | AQUA | 75.10800 | 31.10200 | 13:25:00 | D | 6.80 |
| 260 | FIROZPUR | ZIRA | S-NPP | 75.03162 | 31.10271 | 13:18:00 | D | 4.10 |
| 261 | FIROZPUR | ZIRA | S-NPP | 74.89661 | 31.10809 | 13:18:00 | D | 6.40 |
| 262 | GURDASPUR | BATALA | AQUA | 75.40000 | 31.63600 | 13:30:00 | D | 7.60 |
| 263 | GURDASPUR | BATALA | S-NPP | 75.40079 | 31.64080 | 13:18:00 | D | 6.10 |
| 264 | GURDASPUR | BATALA | S-NPP | 75.39088 | 31.64269 | 13:18:00 | D | 3.40 |
| 265 | GURDASPUR | BATALA | S-NPP | 75.41438 | 31.64318 | 13:18:00 | D | 3.30 |
| 266 | GURDASPUR | BATALA | S-NPP | 75.34743 | 31.64598 | 13:18:00 | D | 17.20 |
| 267 | GURDASPUR | BATALA | S-NPP | 75.43167 | 31.64981 | 13:18:00 | D | 2.60 |
| 268 | GURDASPUR | BATALA | AQUA | 75.32900 | 31.65500 | 13:30:00 | D | 8.50 |
| 269 | GURDASPUR | BATALA | AQUA | 75.34200 | 31.65700 | 13:30:00 | D | 13.40 |

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| 270 | GURDASPUR | BATALA | S-NPP | 75.32624 | 31.66393 | 13:18:00 | D | 7.30 |
| 271 | GURDASPUR | BATALA | S-NPP | 75.39237 | 31.66483 | 13:18:00 | D | 1.80 |
| 272 | GURDASPUR | BATALA | S-NPP | 75.35355 | 31.66879 | 13:18:00 | D | 5.50 |
| 273 | GURDASPUR | BATALA | AQUA | 75.31300 | 31.69400 | 13:30:00 | D | 8.70 |
| 274 | GURDASPUR | BATALA | S-NPP | 75.40386 | 31.69582 | 13:18:00 | D | 3.40 |
| 275 | GURDASPUR | BATALA | AQUA | 75.32600 | 31.69700 | 13:30:00 | D | 14.20 |
| 276 | GURDASPUR | BATALA | S-NPP | 75.31788 | 31.69875 | 13:18:00 | D | 2.70 |
| 277 | GURDASPUR | BATALA | S-NPP | 75.35060 | 31.70090 | 13:18:00 | D | 6.10 |
| 278 | GURDASPUR | BATALA | AQUA | 75.35100 | 31.70100 | 13:30:00 | D | 5.20 |
| 279 | GURDASPUR | BATALA | S-NPP | 75.32616 | 31.70384 | 13:18:00 | D | 12.50 |
| 280 | GURDASPUR | BATALA | S-NPP | 75.39230 | 31.70464 | 13:18:00 | D | 3.10 |
| 281 | GURDASPUR | BATALA | AQUA | 75.40000 | 31.72000 | 13:30:00 | D | 5.80 |
| 282 | GURDASPUR | BATALA | S-NPP | 75.39804 | 31.72012 | 13:18:00 | D | 7.00 |
| 283 | GURDASPUR | BATALA | S-NPP | 75.44410 | 31.72459 | 13:18:00 | D | 6.50 |
| 284 | GURDASPUR | BATALA | S-NPP | 75.43175 | 31.73688 | 13:18:00 | D | 7.50 |
| 285 | GURDASPUR | BATALA | AQUA | 75.19800 | 31.75700 | 13:30:00 | D | 15.20 |
| 286 | GURDASPUR | BATALA | S-NPP | 75.26509 | 31.76598 | 13:18:00 | D | 3.60 |
| 287 | GURDASPUR | BATALA | S-NPP | 75.42879 | 31.76886 | 13:18:00 | D | 6.10 |
| 288 | GURDASPUR | BATALA | AQUA | 75.15400 | 31.76900 | 13:30:00 | D | 9.20 |
| 289 | GURDASPUR | BATALA | S-NPP | 75.36410 | 31.76910 | 13:18:00 | D | 4.90 |
| 290 | GURDASPUR | BATALA | S-NPP | 75.14806 | 31.77427 | 13:18:00 | D | 6.00 |
| 291 | GURDASPUR | BATALA | S-NPP | 75.15268 | 31.77510 | 13:18:00 | D | 6.00 |
| 292 | GURDASPUR | BATALA | S-NPP | 75.36160 | 31.77952 | 13:18:00 | D | 2.20 |
| 293 | GURDASPUR | BATALA | S-NPP | 75.36613 | 31.78032 | 13:18:00 | D | 3.30 |
| 294 | GURDASPUR | BATALA | S-NPP | 75.46325 | 31.78205 | 13:18:00 | D | 2.10 |
| 295 | GURDASPUR | BATALA | S-NPP | 75.45985 | 31.78249 | 13:18:00 | D | 3.10 |
| 296 | GURDASPUR | BATALA | AQUA | 75.50700 | 31.80000 | 13:30:00 | D | 6.70 |
| 297 | GURDASPUR | BATALA | S-NPP | 75.07214 | 31.80833 | 13:18:00 | D | 6.20 |
| 298 | GURDASPUR | BATALA | S-NPP | 75.21912 | 31.86300 | 13:18:00 | D | 3.00 |
| 299 | GURDASPUR | BATALA | S-NPP | 75.06599 | 31.87945 | 13:18:00 | D | 2.40 |
| 300 | GURDASPUR | BATALA | S-NPP | 75.16100 | 31.88541 | 13:18:00 | D | 2.80 |
| 301 | GURDASPUR | DERA BABA NANAK | AQUA | 74.90900 | 31.93300 | 13:30:00 | D | 10.70 |
| 302 | GURDASPUR | DERA BABA NANAK | S-NPP | 74.98784 | 31.96750 | 13:18:00 | D | 6.20 |
| 303 | GURDASPUR | DERA BABA NANAK | AQUA | 74.97500 | 31.97600 | 13:30:00 | D | 13.50 |
| 304 | GURDASPUR | DERA BABA NANAK | AQUA | 74.98200 | 31.97700 | 13:30:00 | D | 7.60 |
| 305 | GURDASPUR | DERA BABA NANAK | S-NPP | 74.97039 | 31.97905 | 13:18:00 | D | 2.40 |
| 306 | GURDASPUR | DERA BABA NANAK | S-NPP | 74.97505 | 31.97989 | 13:18:00 | D | 9.70 |
| 307 | GURDASPUR | DERA BABA NANAK | S-NPP | 75.12489 | 31.98100 | 13:18:00 | D | 13.30 |
| 308 | GURDASPUR | DERA BABA NANAK | S-NPP | 75.11139 | 31.99683 | 13:18:00 | D | 3.80 |

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| 309 | GURDASPUR | DERA BABA NANAK | S-NPP | 75.06989 | 32.05445 | 13:18:00 | D | 2.10 |
| 310 | GURDASPUR | DERA BABA NANAK | AQUA | 74.95600 | 32.05500 | 13:30:00 | D | 6.60 |
| 311 | GURDASPUR | DERA BABA NANAK | S-NPP | 74.95322 | 32.05545 | 13:18:00 | D | 6.50 |
| 312 | GURDASPUR | DERA BABA NANAK | S-NPP | 74.95235 | 32.05896 | 13:18:00 | D | 5.20 |
| 313 | GURDASPUR | GURDASPUR | S-NPP | 75.47737 | 31.80722 | 13:18:00 | D | 1.70 |
| 314 | GURDASPUR | GURDASPUR | S-NPP | 75.41013 | 31.81342 | 13:18:00 | D | 2.50 |
| 315 | GURDASPUR | GURDASPUR | AQUA | 75.41200 | 31.81400 | 13:30:00 | D | 7.30 |
| 316 | GURDASPUR | GURDASPUR | S-NPP | 75.40929 | 31.81688 | 13:18:00 | D | 2.50 |
| 317 | GURDASPUR | GURDASPUR | AQUA | 75.50300 | 31.81900 | 13:30:00 | D | 7.40 |
| 318 | GURDASPUR | GURDASPUR | S-NPP | 75.50097 | 31.82578 | 13:18:00 | D | 8.20 |
| 319 | GURDASPUR | GURDASPUR | S-NPP | 75.40596 | 31.83074 | 13:18:00 | D | 2.30 |
| 320 | GURDASPUR | GURDASPUR | AQUA | 75.34100 | 31.83200 | 13:30:00 | D | 5.40 |
| 321 | GURDASPUR | GURDASPUR | S-NPP | 75.39442 | 31.83956 | 13:18:00 | D | 2.60 |
| 322 | GURDASPUR | GURDASPUR | S-NPP | 75.52540 | 31.84085 | 13:18:00 | D | 4.20 |
| 323 | GURDASPUR | GURDASPUR | S-NPP | 75.49152 | 31.84572 | 13:18:00 | D | 3.30 |
| 324 | GURDASPUR | GURDASPUR | AQUA | 75.44300 | 31.85000 | 13:30:00 | D | 5.80 |
| 325 | GURDASPUR | GURDASPUR | S-NPP | 75.47474 | 31.85720 | 13:18:00 | D | 2.60 |
| 326 | GURDASPUR | GURDASPUR | S-NPP | 75.38322 | 31.86651 | 13:18:00 | D | 4.90 |
| 327 | GURDASPUR | GURDASPUR | S-NPP | 75.32405 | 31.88169 | 13:18:00 | D | 2.90 |
| 328 | GURDASPUR | GURDASPUR | S-NPP | 75.50040 | 31.88685 | 13:18:00 | D | 2.80 |
| 329 | GURDASPUR | GURDASPUR | S-NPP | 75.50489 | 31.88763 | 13:18:00 | D | 2.80 |
| 330 | GURDASPUR | GURDASPUR | S-NPP | 75.51675 | 31.90137 | 13:18:00 | D | 4.80 |
| 331 | GURDASPUR | GURDASPUR | AQUA | 75.51500 | 31.90500 | 13:30:00 | D | 5.50 |
| 332 | GURDASPUR | GURDASPUR | S-NPP | 75.34174 | 31.90654 | 13:18:00 | D | 3.60 |
| 333 | GURDASPUR | GURDASPUR | AQUA | 75.18200 | 31.90900 | 13:30:00 | D | 9.20 |
| 334 | GURDASPUR | GURDASPUR | AQUA | 75.31600 | 31.91100 | 13:30:00 | D | 8.40 |
| 335 | GURDASPUR | GURDASPUR | S-NPP | 75.18349 | 31.91125 | 13:18:00 | D | 4.90 |
| 336 | GURDASPUR | GURDASPUR | AQUA | 75.32800 | 31.91300 | 13:30:00 | D | 7.00 |
| 337 | GURDASPUR | GURDASPUR | S-NPP | 75.39608 | 31.91613 | 13:18:00 | D | 2.30 |
| 338 | GURDASPUR | GURDASPUR | S-NPP | 75.29989 | 31.94262 | 13:18:00 | D | 8.40 |
| 339 | GURDASPUR | GURDASPUR | AQUA | 75.36500 | 31.96100 | 13:30:00 | D | 8.30 |
| 340 | GURDASPUR | GURDASPUR | S-NPP | 75.37003 | 31.96572 | 13:18:00 | D | 8.30 |
| 341 | GURDASPUR | GURDASPUR | S-NPP | 75.24348 | 31.96578 | 13:18:00 | D | 2.20 |
| 342 | GURDASPUR | GURDASPUR | S-NPP | 75.23722 | 31.97193 | 13:18:00 | D | 4.50 |
| 343 | GURDASPUR | GURDASPUR | S-NPP | 75.39098 | 31.97658 | 13:18:00 | D | 1.20 |
| 344 | GURDASPUR | GURDASPUR | S-NPP | 75.39549 | 31.97737 | 13:18:00 | D | 8.20 |
| 345 | GURDASPUR | GURDASPUR | S-NPP | 75.23504 | 32.00058 | 13:18:00 | D | 3.10 |
| 346 | GURDASPUR | GURDASPUR | AQUA | 75.18100 | 32.00100 | 13:30:00 | D | 6.70 |
| 347 | GURDASPUR | GURDASPUR | AQUA | 75.30200 | 32.00100 | 13:30:00 | D | 6.10 |

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| 348 | GURDASPUR | GURDASPUR | S-NPP | 75.30510 | 32.00573 | 13:18:00 | D | 3.40 |
| 349 | GURDASPUR | GURDASPUR | AQUA | 75.19300 | 32.03500 | 13:30:00 | D | 11.30 |
| 350 | GURDASPUR | GURDASPUR | AQUA | 75.20600 | 32.03700 | 13:30:00 | D | 6.40 |
| 351 | GURDASPUR | GURDASPUR | S-NPP | 75.19658 | 32.04099 | 13:18:00 | D | 3.00 |
| 352 | GURDASPUR | GURDASPUR | S-NPP | 75.20116 | 32.04179 | 13:18:00 | D | 5.10 |
| 353 | GURDASPUR | GURDASPUR | S-NPP | 75.37376 | 32.05394 | 13:18:00 | D | 4.20 |
| 354 | GURDASPUR | GURDASPUR | AQUA | 75.21400 | 32.05900 | 13:30:00 | D | 12.40 |
| 355 | GURDASPUR | GURDASPUR | S-NPP | 75.22068 | 32.05973 | 13:18:00 | D | 1.80 |
| 356 | GURDASPUR | GURDASPUR | S-NPP | 75.33167 | 32.07185 | 13:18:00 | D | 3.80 |
| 357 | HOSHIARPUR | DASUYA | S-NPP | 75.56923 | 31.62334 | 13:18:00 | D | 4.90 |
| 358 | HOSHIARPUR | DASUYA | S-NPP | 75.55566 | 31.70815 | 13:18:00 | D | 3.40 |
| 359 | HOSHIARPUR | DASUYA | S-NPP | 75.56013 | 31.70893 | 13:18:00 | D | 4.30 |
| 360 | HOSHIARPUR | DASUYA | S-NPP | 75.55932 | 31.71238 | 13:18:00 | D | 4.30 |
| 361 | HOSHIARPUR | DASUYA | AQUA | 75.56900 | 31.72800 | 13:30:00 | D | 16.00 |
| 362 | HOSHIARPUR | DASUYA | S-NPP | 75.56416 | 31.73121 | 13:18:00 | D | 7.00 |
| 363 | HOSHIARPUR | DASUYA | S-NPP | 75.56863 | 31.73200 | 13:18:00 | D | 7.00 |
| 364 | HOSHIARPUR | DASUYA | S-NPP | 75.56781 | 31.73545 | 13:18:00 | D | 7.00 |
| 365 | HOSHIARPUR | DASUYA | S-NPP | 75.69225 | 31.88061 | 13:18:00 | D | 3.10 |
| 366 | HOSHIARPUR | GARHSHANKAR | S-NPP | 76.14636 | 31.16427 | 13:18:00 | D | 6.00 |
| 367 | HOSHIARPUR | GARHSHANKAR | AQUA | 76.17200 | 31.17100 | 13:25:00 | D | 6.30 |
| 368 | HOSHIARPUR | GARHSHANKAR | AQUA | 76.05900 | 31.23100 | 13:25:00 | D | 17.90 |
| 369 | HOSHIARPUR | HOSHIARPUR | S-NPP | 75.87095 | 31.59158 | 13:18:00 | D | 1.30 |
| 370 | JALANDHAR | JALANDHAR I | S-NPP | 75.69234 | 31.21624 | 13:18:00 | D | 2.10 |
| 371 | JALANDHAR | JALANDHAR I | S-NPP | 75.69355 | 31.23084 | 13:18:00 | D | 2.60 |
| 372 | JALANDHAR | JALANDHAR I | S-NPP | 75.72103 | 31.44272 | 13:18:00 | D | 1.50 |
| 373 | JALANDHAR | JALANDHAR II | S-NPP | 75.69914 | 31.49631 | 13:18:00 | D | 5.90 |
| 374 | JALANDHAR | JALANDHAR II | S-NPP | 75.69991 | 31.49754 | 13:18:00 | D | 5.70 |
| 375 | JALANDHAR | NAKODAR | S-NPP | 75.42480 | 30.98402 | 13:18:00 | D | 2.20 |
| 376 | JALANDHAR | NAKODAR | S-NPP | 75.42397 | 30.98751 | 13:18:00 | D | 7.10 |
| 377 | JALANDHAR | NAKODAR | AQUA | 75.54100 | 30.99100 | 13:25:00 | D | 12.00 |
| 378 | JALANDHAR | NAKODAR | AQUA | 75.55400 | 30.99400 | 13:25:00 | D | 7.60 |
| 379 | JALANDHAR | NAKODAR | AQUA | 75.48500 | 31.00200 | 13:25:00 | D | 6.80 |
| 380 | JALANDHAR | NAKODAR | S-NPP | 75.46713 | 31.00601 | 13:18:00 | D | 7.10 |
| 381 | JALANDHAR | NAKODAR | S-NPP | 75.49072 | 31.00649 | 13:18:00 | D | 3.00 |
| 382 | JALANDHAR | NAKODAR | S-NPP | 75.45718 | 31.00790 | 13:18:00 | D | 4.90 |
| 383 | JALANDHAR | NAKODAR | S-NPP | 75.51137 | 31.10430 | 13:18:00 | D | 4.10 |
| 384 | JALANDHAR | NAKODAR | S-NPP | 75.39401 | 31.14556 | 13:18:00 | D | 2.80 |
| 385 | JALANDHAR | NAKODAR | S-NPP | 75.36449 | 31.16948 | 13:18:00 | D | 3.90 |
| 386 | JALANDHAR | NAKODAR | S-NPP | 75.48585 | 31.19814 | 13:18:00 | D | 33.30 |

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| 387 | JALANDHAR | NAKODAR | AQUA | 75.44000 | 31.20000 | 13:25:00 | D | 8.60 |
| 388 | JALANDHAR | NAKODAR | AQUA | 75.41700 | 31.21700 | 13:25:00 | D | 22.20 |
| 389 | JALANDHAR | NAKODAR | S-NPP | 75.40810 | 31.23504 | 13:18:00 | D | 5.80 |
| 390 | JALANDHAR | PHILLAUR | S-NPP | 75.52701 | 31.03814 | 13:18:00 | D | 6.90 |
| 391 | JALANDHAR | PHILLAUR | S-NPP | 75.55621 | 31.05420 | 13:18:00 | D | 2.60 |
| 392 | JALANDHAR | PHILLAUR | S-NPP | 75.65559 | 31.08980 | 13:18:00 | D | 8.50 |
| 393 | JALANDHAR | PHILLAUR | S-NPP | 75.57302 | 31.12232 | 13:18:00 | D | 7.40 |
| 394 | JALANDHAR | PHILLAUR | S-NPP | 75.83840 | 31.13966 | 13:18:00 | D | 3.90 |
| 395 | JALANDHAR | PHILLAUR | S-NPP | 75.84283 | 31.14042 | 13:18:00 | D | 4.50 |
| 396 | JALANDHAR | SHAHKOT | AQUA | 75.36200 | 31.01200 | 13:25:00 | D | 6.50 |
| 397 | JALANDHAR | SHAHKOT | S-NPP | 75.35667 | 31.01501 | 13:18:00 | D | 8.40 |
| 398 | JALANDHAR | SHAHKOT | S-NPP | 75.36503 | 31.02016 | 13:18:00 | D | 4.30 |
| 399 | JALANDHAR | SHAHKOT | S-NPP | 75.40251 | 31.02321 | 13:18:00 | D | 14.70 |
| 400 | JALANDHAR | SHAHKOT | S-NPP | 75.33873 | 31.03008 | 13:18:00 | D | 1.40 |
| 401 | JALANDHAR | SHAHKOT | S-NPP | 75.38294 | 31.04527 | 13:18:00 | D | 2.80 |
| 402 | JALANDHAR | SHAHKOT | AQUA | 75.22200 | 31.05900 | 13:25:00 | D | 8.60 |
| 403 | JALANDHAR | SHAHKOT | S-NPP | 75.22360 | 31.06824 | 13:18:00 | D | 5.20 |
| 404 | JALANDHAR | SHAHKOT | AQUA | 75.36200 | 31.10400 | 13:25:00 | D | 7.40 |
| 405 | JALANDHAR | SHAHKOT | AQUA | 75.37500 | 31.10600 | 13:25:00 | D | 5.50 |
| 406 | JALANDHAR | SHAHKOT | S-NPP | 75.36160 | 31.12154 | 13:18:00 | D | 4.70 |
| 407 | JALANDHAR | SHAHKOT | AQUA | 75.22600 | 31.13300 | 13:25:00 | D | 15.20 |
| 408 | JALANDHAR | SHAHKOT | S-NPP | 75.22413 | 31.13355 | 13:18:00 | D | 3.80 |
| 409 | JALANDHAR | SHAHKOT | S-NPP | 75.22877 | 31.13438 | 13:18:00 | D | 3.80 |
| 410 | JALANDHAR | SHAHKOT | S-NPP | 75.22329 | 31.13707 | 13:18:00 | D | 3.80 |
| 411 | JALANDHAR | SHAHKOT | S-NPP | 75.19372 | 31.17952 | 13:18:00 | D | 2.80 |
| 412 | JALANDHAR | SHAHKOT | S-NPP | 75.19836 | 31.18034 | 13:18:00 | D | 2.80 |
| 413 | JALANDHAR | SHAHKOT | AQUA | 75.20900 | 31.18100 | 13:25:00 | D | 8.70 |
| 414 | JALANDHAR | SHAHKOT | AQUA | 75.21400 | 31.18200 | 13:25:00 | D | 20.90 |
| 415 | JALANDHAR | SHAHKOT | AQUA | 75.37500 | 31.18900 | 13:25:00 | D | 13.10 |
| 416 | JALANDHAR | SHAHKOT | S-NPP | 75.37863 | 31.19019 | 13:18:00 | D | 3.50 |
| 417 | KAPURTHALA | BHOLATH | S-NPP | 75.48651 | 31.53214 | 13:18:00 | D | 5.80 |
| 418 | KAPURTHALA | BHOLATH | S-NPP | 75.54955 | 31.54314 | 13:18:00 | D | 4.70 |
| 419 | KAPURTHALA | BHOLATH | S-NPP | 75.55322 | 31.54738 | 13:18:00 | D | 2.60 |
| 420 | KAPURTHALA | BHOLATH | S-NPP | 75.55240 | 31.55084 | 13:18:00 | D | 2.60 |
| 421 | KAPURTHALA | BHOLATH | AQUA | 75.50000 | 31.57100 | 13:25:00 | D | 12.60 |
| 422 | KAPURTHALA | BHOLATH | S-NPP | 75.50562 | 31.57610 | 13:18:00 | D | 8.80 |
| 423 | KAPURTHALA | BHOLATH | S-NPP | 75.50480 | 31.57956 | 13:18:00 | D | 8.80 |
| 424 | KAPURTHALA | BHOLATH | AQUA | 75.48300 | 31.58900 | 13:25:00 | D | 11.80 |
| 425 | KAPURTHALA | BHOLATH | S-NPP | 75.51538 | 31.61390 | 13:18:00 | D | 8.30 |

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| 426 | KAPURTHALA | BHOLATH | S-NPP | 75.56109 | 31.61832 | 13:18:00 | D | 3.50 |
| 427 | KAPURTHALA | BHOLATH | S-NPP | 75.48507 | 31.62302 | 13:18:00 | D | 4.70 |
| 428 | KAPURTHALA | KAPURTHALA | S-NPP | 75.28978 | 31.29059 | 13:18:00 | D | 10.60 |
| 429 | KAPURTHALA | KAPURTHALA | S-NPP | 75.29439 | 31.29140 | 13:18:00 | D | 7.60 |
| 430 | KAPURTHALA | KAPURTHALA | S-NPP | 75.48402 | 31.37957 | 13:18:00 | D | 1.40 |
| 431 | KAPURTHALA | KAPURTHALA | S-NPP | 75.26161 | 31.39483 | 13:18:00 | D | 4.70 |
| 432 | KAPURTHALA | KAPURTHALA | S-NPP | 75.37489 | 31.44018 | 13:18:00 | D | 3.50 |
| 433 | KAPURTHALA | KAPURTHALA | S-NPP | 75.37617 | 31.44018 | 13:18:00 | D | 4.00 |
| 434 | KAPURTHALA | KAPURTHALA | S-NPP | 75.37393 | 31.54869 | 13:18:00 | D | 3.00 |
| 435 | KAPURTHALA | KAPURTHALA | S-NPP | 75.37529 | 31.54931 | 13:18:00 | D | 3.10 |
| 436 | KAPURTHALA | PHAGWARA | AQUA | 75.72300 | 31.22800 | 13:25:00 | D | 6.40 |
| 437 | KAPURTHALA | PHAGWARA | S-NPP | 75.81688 | 31.30367 | 13:18:00 | D | 3.00 |
| 438 | KAPURTHALA | PHAGWARA | S-NPP | 75.71980 | 31.30461 | 13:18:00 | D | 2.90 |
| 439 | KAPURTHALA | SULTANPUR LODHI | AQUA | 75.22200 | 31.18300 | 13:25:00 | D | 15.40 |
| 440 | KAPURTHALA | SULTANPUR LODHI | S-NPP | 75.10303 | 31.20227 | 13:18:00 | D | 2.60 |
| 441 | KAPURTHALA | SULTANPUR LODHI | S-NPP | 75.12597 | 31.22848 | 13:18:00 | D | 9.00 |
| 442 | KAPURTHALA | SULTANPUR LODHI | AQUA | 75.12800 | 31.22900 | 13:25:00 | D | 22.80 |
| 443 | KAPURTHALA | SULTANPUR LODHI | S-NPP | 75.13062 | 31.22932 | 13:18:00 | D | 9.00 |
| 444 | KAPURTHALA | SULTANPUR LODHI | AQUA | 75.13900 | 31.24100 | 13:25:00 | D | 10.20 |
| 445 | KAPURTHALA | SULTANPUR LODHI | S-NPP | 75.21975 | 31.24159 | 13:18:00 | D | 1.80 |
| 446 | KAPURTHALA | SULTANPUR LODHI | AQUA | 75.21800 | 31.25500 | 13:25:00 | D | 11.10 |
| 447 | KAPURTHALA | SULTANPUR LODHI | AQUA | 75.26600 | 31.28300 | 13:25:00 | D | 16.40 |
| 448 | KAPURTHALA | SULTANPUR LODHI | S-NPP | 75.13375 | 31.28405 | 13:18:00 | D | 4.90 |
| 449 | KAPURTHALA | SULTANPUR LODHI | S-NPP | 75.13651 | 31.28551 | 13:18:00 | D | 4.20 |
| 450 | KAPURTHALA | SULTANPUR LODHI | S-NPP | 75.22187 | 31.29999 | 13:18:00 | D | 2.30 |
| 451 | KAPURTHALA | SULTANPUR LODHI | S-NPP | 75.15277 | 31.30586 | 13:18:00 | D | 5.80 |
| 452 | KAPURTHALA | SULTANPUR LODHI | AQUA | 75.15600 | 31.31600 | 13:25:00 | D | 18.50 |
| 453 | KAPURTHALA | SULTANPUR LODHI | S-NPP | 75.15952 | 31.31809 | 13:18:00 | D | 3.60 |
| 454 | KAPURTHALA | SULTANPUR LODHI | AQUA | 75.25000 | 31.32300 | 13:25:00 | D | 12.80 |
| 455 | LUDHIANA | JAGRAON | AQUA | 75.51500 | 30.81200 | 13:25:00 | D | 14.00 |
| 456 | LUDHIANA | JAGRAON | S-NPP | 75.51949 | 30.81869 | 13:18:00 | D | 5.70 |
| 457 | LUDHIANA | JAGRAON | S-NPP | 75.51411 | 30.82137 | 13:18:00 | D | 8.50 |
| 458 | LUDHIANA | JAGRAON | S-NPP | 75.51866 | 30.82218 | 13:18:00 | D | 8.50 |
| 459 | LUDHIANA | JAGRAON | AQUA | 75.51900 | 30.85300 | 13:25:00 | D | 11.30 |
| 460 | LUDHIANA | JAGRAON | S-NPP | 75.52033 | 30.85522 | 13:18:00 | D | 6.60 |
| 461 | LUDHIANA | JAGRAON | S-NPP | 75.61538 | 30.87199 | 13:18:00 | D | 17.70 |
| 462 | LUDHIANA | JAGRAON | S-NPP | 75.61703 | 30.90487 | 13:18:00 | D | 3.30 |
| 463 | LUDHIANA | JAGRAON | S-NPP | 75.37441 | 30.93495 | 13:18:00 | D | 3.90 |
| 464 | LUDHIANA | JAGRAON | S-NPP | 75.37357 | 30.93846 | 13:18:00 | D | 3.90 |

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| 465 | LUDHIANA | JAGRAON | S-NPP | 75.46091 | 30.97216 | 13:18:00 | D | 4.70 |
| 466 | LUDHIANA | JAGRAON | S-NPP | 75.46920 | 30.97726 | 13:18:00 | D | 5.80 |
| 467 | LUDHIANA | JAGRAON | S-NPP | 75.36270 | 30.98404 | 13:18:00 | D | 2.20 |
| 468 | LUDHIANA | KHANNA | S-NPP | 76.15941 | 30.67210 | 13:18:00 | D | 3.70 |
| 469 | LUDHIANA | KHANNA | S-NPP | 76.16375 | 30.67285 | 13:18:00 | D | 5.50 |
| 470 | LUDHIANA | KHANNA | AQUA | 76.26000 | 30.75200 | 13:25:00 | D | 6.20 |
| 471 | LUDHIANA | LUDHIANA EAST | AQUA | 75.97400 | 30.94200 | 13:25:00 | D | 11.30 |
| 472 | LUDHIANA | RAIKOT | S-NPP | 75.56011 | 30.61149 | 13:18:00 | D | 3.50 |
| 473 | LUDHIANA | RAIKOT | S-NPP | 75.76579 | 30.69490 | 13:18:00 | D | 6.70 |
| 474 | LUDHIANA | SAMRALA | AQUA | 76.29600 | 30.75800 | 13:25:00 | D | 5.30 |
| 475 | LUDHIANA | SAMRALA | AQUA | 76.30700 | 30.76000 | 13:25:00 | D | 10.60 |
| 476 | LUDHIANA | SAMRALA | S-NPP | 76.28527 | 30.84042 | 13:18:00 | D | 2.20 |
| 477 | LUDHIANA | SAMRALA | S-NPP | 76.10999 | 30.86001 | 13:18:00 | D | 12.70 |
| 478 | LUDHIANA | SAMRALA | AQUA | 76.20500 | 30.93800 | 13:25:00 | D | 6.50 |
| 479 | LUDHIANA | SAMRALA | S-NPP | 76.20177 | 30.97372 | 13:18:00 | D | 5.10 |
| 480 | MANSA | BUDHLADA | AQUA | 75.66000 | 29.78500 | 13:25:00 | D | 9.60 |
| 481 | MANSA | BUDHLADA | S-NPP | 75.66361 | 29.79062 | 13:18:00 | D | 6.80 |
| 482 | MANSA | BUDHLADA | AQUA | 75.71800 | 29.82600 | 13:25:00 | D | 9.00 |
| 483 | MANSA | BUDHLADA | S-NPP | 75.62096 | 29.83072 | 13:18:00 | D | 2.30 |
| 484 | MANSA | BUDHLADA | S-NPP | 75.68870 | 29.84626 | 13:18:00 | D | 2.40 |
| 485 | MANSA | BUDHLADA | S-NPP | 75.60314 | 29.85242 | 13:18:00 | D | 5.50 |
| 486 | MANSA | BUDHLADA | S-NPP | 75.60772 | 29.85324 | 13:18:00 | D | 5.50 |
| 487 | MANSA | BUDHLADA | AQUA | 75.71100 | 29.85500 | 13:25:00 | D | 8.40 |
| 488 | MANSA | BUDHLADA | S-NPP | 75.75232 | 29.85738 | 13:18:00 | D | 8.40 |
| 489 | MANSA | BUDHLADA | S-NPP | 75.74886 | 29.87848 | 13:18:00 | D | 3.50 |
| 490 | MANSA | BUDHLADA | S-NPP | 75.68549 | 29.90738 | 13:18:00 | D | 9.30 |
| 491 | MANSA | MANSA | AQUA | 75.60500 | 30.11600 | 13:25:00 | D | 22.60 |
| 492 | MANSA | SARDULGARH | S-NPP | 75.26948 | 29.59996 | 13:18:00 | D | 2.80 |
| 493 | MANSA | SARDULGARH | S-NPP | 75.31704 | 29.64957 | 13:18:00 | D | 3.20 |
| 494 | MANSA | SARDULGARH | S-NPP | 75.32177 | 29.65042 | 13:18:00 | D | 3.20 |
| 495 | MANSA | SARDULGARH | AQUA | 75.30900 | 29.65200 | 13:25:00 | D | 10.60 |
| 496 | MANSA | SARDULGARH | S-NPP | 75.32093 | 29.65399 | 13:18:00 | D | 5.40 |
| 497 | MANSA | SARDULGARH | S-NPP | 75.30980 | 29.65945 | 13:18:00 | D | 13.80 |
| 498 | MANSA | SARDULGARH | S-NPP | 75.30896 | 29.66303 | 13:18:00 | D | 13.80 |
| 499 | MANSA | SARDULGARH | S-NPP | 75.29445 | 29.68280 | 13:18:00 | D | 4.00 |
| 500 | MANSA | SARDULGARH | S-NPP | 75.29192 | 29.68304 | 13:18:00 | D | 5.70 |
| 501 | MANSA | SARDULGARH | S-NPP | 75.21265 | 29.68351 | 13:18:00 | D | 4.00 |
| 502 | MANSA | SARDULGARH | S-NPP | 75.22132 | 29.68884 | 13:18:00 | D | 4.00 |
| 503 | MANSA | SARDULGARH | S-NPP | 75.33654 | 29.70234 | 13:18:00 | D | 2.20 |

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| 504 | MANSA | SARDULGARH | S-NPP | 75.25119 | 29.70922 | 13:18:00 | D | 10.70 |
| 505 | MANSA | SARDULGARH | S-NPP | 75.24476 | 29.71552 | 13:18:00 | D | 14.30 |
| 506 | MANSA | SARDULGARH | S-NPP | 75.35637 | 29.83384 | 13:18:00 | D | 5.40 |
| 507 | MANSA | SARDULGARH | S-NPP | 75.35303 | 29.84808 | 13:18:00 | D | 2.40 |
| 508 | MOGA | MOGA | S-NPP | 75.16867 | 30.70957 | 13:18:00 | D | 9.00 |
| 509 | MOGA | MOGA | S-NPP | 75.32331 | 30.73345 | 13:18:00 | D | 8.80 |
| 510 | MOGA | MOGA | S-NPP | 75.31785 | 30.73615 | 13:18:00 | D | 4.90 |
| 511 | MOGA | MOGA | S-NPP | 75.31701 | 30.73968 | 13:18:00 | D | 4.90 |
| 512 | MOGA | MOGA | S-NPP | 75.22289 | 30.75432 | 13:18:00 | D | 4.90 |
| 513 | MOGA | MOGA | AQUA | 75.38000 | 30.75700 | 13:25:00 | D | 9.60 |
| 514 | MOGA | MOGA | AQUA | 75.21400 | 30.75900 | 13:25:00 | D | 6.40 |
| 515 | MOGA | MOGA | S-NPP | 75.12883 | 30.75943 | 13:18:00 | D | 3.70 |
| 516 | MOGA | MOGA | S-NPP | 75.37917 | 30.76168 | 13:18:00 | D | 6.30 |
| 517 | MOGA | MOGA | S-NPP | 75.25928 | 30.76461 | 13:18:00 | D | 5.70 |
| 518 | MOGA | MOGA | S-NPP | 75.25751 | 30.76591 | 13:18:00 | D | 25.70 |
| 519 | MOGA | MOGA | S-NPP | 75.21484 | 30.76762 | 13:18:00 | D | 3.50 |
| 520 | MOGA | MOGA | S-NPP | 75.25844 | 30.76814 | 13:18:00 | D | 7.00 |
| 521 | MOGA | MOGA | AQUA | 74.98000 | 30.86200 | 13:25:00 | D | 8.10 |
| 522 | MOGA | NIHAL SINGH WALA | AQUA | 75.34200 | 30.53400 | 13:25:00 | D | 9.00 |
| 523 | MOGA | NIHAL SINGH WALA | AQUA | 75.31500 | 30.56000 | 13:25:00 | D | 10.00 |
| 524 | MOGA | NIHAL SINGH WALA | S-NPP | 75.31844 | 30.56079 | 13:18:00 | D | 4.90 |
| 525 | MOGA | NIHAL SINGH WALA | AQUA | 75.40000 | 30.60600 | 13:25:00 | D | 27.80 |
| 526 | MOGA | NIHAL SINGH WALA | S-NPP | 75.39415 | 30.60746 | 13:18:00 | D | 8.80 |
| 527 | MOGA | NIHAL SINGH WALA | S-NPP | 75.39876 | 30.60829 | 13:18:00 | D | 4.10 |
| 528 | MOGA | NIHAL SINGH WALA | S-NPP | 75.39332 | 30.61098 | 13:18:00 | D | 5.10 |
| 529 | MOGA | NIHAL SINGH WALA | S-NPP | 75.37703 | 30.65943 | 13:18:00 | D | 2.90 |
| 530 | MUKTSAR | GIDDARBAHA | S-NPP | 74.68338 | 30.27517 | 13:18:00 | D | 22.30 |
| 531 | MUKTSAR | GIDDARBAHA | S-NPP | 74.60233 | 30.36200 | 13:18:00 | D | 4.50 |
| 532 | MUKTSAR | GIDDARBAHA | AQUA | 74.79700 | 30.36300 | 13:25:00 | D | 6.40 |
| 533 | MUKTSAR | MALAUT | AQUA | 74.45400 | 29.98400 | 13:25:00 | D | 12.80 |
| 534 | MUKTSAR | MALAUT | S-NPP | 74.44033 | 30.04260 | 13:18:00 | D | 1.60 |
| 535 | MUKTSAR | MALAUT | S-NPP | 74.43851 | 30.04999 | 13:18:00 | D | 14.90 |
| 536 | MUKTSAR | MALAUT | S-NPP | 74.53775 | 30.05675 | 13:18:00 | D | 2.90 |
| 537 | MUKTSAR | MALAUT | S-NPP | 74.39210 | 30.06463 | 13:18:00 | D | 3.60 |
| 538 | MUKTSAR | MALAUT | S-NPP | 74.38558 | 30.08385 | 13:18:00 | D | 4.10 |
| 539 | MUKTSAR | MALAUT | AQUA | 74.48500 | 30.13100 | 13:25:00 | D | 7.50 |
| 540 | MUKTSAR | MALAUT | S-NPP | 74.40356 | 30.14137 | 13:18:00 | D | 4.10 |
| 541 | MUKTSAR | MALAUT | S-NPP | 74.41287 | 30.14696 | 13:18:00 | D | 2.50 |
| 542 | MUKTSAR | MALAUT | S-NPP | 74.33747 | 30.24574 | 13:18:00 | D | 5.10 |

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|-----|-----------|-----------|-------|----------|----------|----------|---|-------|
| 543 | MUKTSAR | MALAUT | S-NPP | 74.38177 | 30.26167 | 13:18:00 | D | 3.80 |
| 544 | MUKTSAR | MALAUT | S-NPP | 74.38688 | 30.26262 | 13:18:00 | D | 5.20 |
| 545 | MUKTSAR | MALAUT | AQUA | 74.39400 | 30.32300 | 13:25:00 | D | 9.90 |
| 546 | MUKTSAR | MALAUT | AQUA | 74.40900 | 30.32600 | 13:25:00 | D | 15.70 |
| 547 | MUKTSAR | MALAUT | S-NPP | 74.40514 | 30.32915 | 13:18:00 | D | 6.70 |
| 548 | MUKTSAR | MUKTSAR | S-NPP | 74.48074 | 30.36627 | 13:18:00 | D | 4.80 |
| 549 | MUKTSAR | MUKTSAR | S-NPP | 74.48579 | 30.36720 | 13:18:00 | D | 4.80 |
| 550 | MUKTSAR | MUKTSAR | S-NPP | 74.33263 | 30.41682 | 13:18:00 | D | 8.20 |
| 551 | MUKTSAR | MUKTSAR | S-NPP | 74.47791 | 30.45166 | 13:18:00 | D | 2.60 |
| 552 | MUKTSAR | MUKTSAR | S-NPP | 74.45055 | 30.47726 | 13:18:00 | D | 2.90 |
| 553 | MUKTSAR | MUKTSAR | S-NPP | 74.43176 | 30.48914 | 13:18:00 | D | 3.00 |
| 554 | MUKTSAR | MUKTSAR | AQUA | 74.48500 | 30.49900 | 13:25:00 | D | 26.20 |
| 555 | MUKTSAR | MUKTSAR | AQUA | 74.54600 | 30.49900 | 13:25:00 | D | 10.20 |
| 556 | MUKTSAR | MUKTSAR | S-NPP | 74.48723 | 30.49934 | 13:18:00 | D | 4.10 |
| 557 | MUKTSAR | MUKTSAR | S-NPP | 74.59720 | 30.51947 | 13:18:00 | D | 11.00 |
| 558 | MUKTSAR | MUKTSAR | S-NPP | 74.56705 | 30.52807 | 13:18:00 | D | 3.70 |
| 559 | MUKTSAR | MUKTSAR | S-NPP | 74.59361 | 30.53403 | 13:18:00 | D | 4.30 |
| 560 | MUKTSAR | MUKTSAR | S-NPP | 74.47811 | 30.54965 | 13:18:00 | D | 7.00 |
| 561 | MUKTSAR | MUKTSAR | S-NPP | 74.63482 | 30.59014 | 13:18:00 | D | 7.40 |
| 562 | MUKTSAR | MUKTSAR | S-NPP | 74.63393 | 30.59377 | 13:18:00 | D | 7.40 |
| 563 | MUKTSAR | MUKTSAR | AQUA | 74.57800 | 30.59700 | 13:25:00 | D | 25.70 |
| 564 | MUKTSAR | MUKTSAR | S-NPP | 74.51061 | 30.60916 | 13:18:00 | D | 9.10 |
| 565 | MUKTSAR | MUKTSAR | S-NPP | 74.50970 | 30.61281 | 13:18:00 | D | 5.00 |
| 566 | NAWASHAHR | BALACHAUR | S-NPP | 76.23593 | 31.10278 | 13:18:00 | D | 1.80 |
| 567 | NAWASHAHR | NAWASHAHR | S-NPP | 76.20961 | 31.04167 | 13:18:00 | D | 7.60 |
| 568 | NAWASHAHR | NAWASHAHR | S-NPP | 76.17634 | 31.12806 | 13:18:00 | D | 2.30 |
| 569 | NAWASHAHR | NAWASHAHR | S-NPP | 76.11763 | 31.15224 | 13:18:00 | D | 3.20 |
| 570 | NAWASHAHR | NAWASHAHR | S-NPP | 76.03309 | 31.20523 | 13:18:00 | D | 3.50 |
| 571 | PATIALA | NABHA | S-NPP | 76.10608 | 30.38092 | 13:18:00 | D | 2.10 |
| 572 | PATIALA | NABHA | S-NPP | 76.20160 | 30.41888 | 13:18:00 | D | 4.50 |
| 573 | PATIALA | NABHA | S-NPP | 76.21072 | 30.43826 | 13:18:00 | D | 2.70 |
| 574 | PATIALA | NABHA | S-NPP | 76.18433 | 30.45511 | 13:18:00 | D | 9.00 |
| 575 | PATIALA | NABHA | AQUA | 76.32000 | 30.51300 | 13:25:00 | D | 19.00 |
| 576 | PATIALA | NABHA | S-NPP | 76.32798 | 30.51504 | 13:18:00 | D | 3.40 |
| 577 | PATIALA | NABHA | S-NPP | 76.32396 | 30.51662 | 13:18:00 | D | 5.10 |
| 578 | PATIALA | NABHA | S-NPP | 76.26482 | 30.52064 | 13:18:00 | D | 3.20 |
| 579 | PATIALA | PATIALA | S-NPP | 76.59872 | 30.12465 | 13:18:00 | D | 2.20 |
| 580 | PATIALA | PATIALA | S-NPP | 76.59794 | 30.12531 | 13:18:00 | D | 1.50 |
| 581 | PATIALA | PATIALA | S-NPP | 76.45547 | 30.13200 | 13:18:00 | D | 2.30 |

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| 582 | PATIALA | PATIALA | S-NPP | 76.38726 | 30.13807 | 13:18:00 | D | 7.70 |
| 583 | PATIALA | PATIALA | S-NPP | 76.30929 | 30.14607 | 13:18:00 | D | 2.50 |
| 584 | PATIALA | PATIALA | AQUA | 76.29000 | 30.14800 | 13:25:00 | D | 12.20 |
| 585 | PATIALA | PATIALA | S-NPP | 76.28966 | 30.15341 | 13:18:00 | D | 3.90 |
| 586 | PATIALA | PATIALA | S-NPP | 76.29398 | 30.15414 | 13:18:00 | D | 5.30 |
| 587 | PATIALA | PATIALA | S-NPP | 76.29321 | 30.15757 | 13:18:00 | D | 8.30 |
| 588 | PATIALA | PATIALA | S-NPP | 76.62583 | 30.16098 | 13:18:00 | D | 3.00 |
| 589 | PATIALA | PATIALA | S-NPP | 76.50496 | 30.16873 | 13:18:00 | D | 1.80 |
| 590 | PATIALA | PATIALA | AQUA | 76.54300 | 30.16900 | 13:25:00 | D | 9.20 |
| 591 | PATIALA | PATIALA | S-NPP | 76.53404 | 30.17719 | 13:18:00 | D | 2.00 |
| 592 | PATIALA | PATIALA | S-NPP | 76.45409 | 30.17780 | 13:18:00 | D | 3.00 |
| 593 | PATIALA | PATIALA | S-NPP | 76.58327 | 30.21371 | 13:18:00 | D | 2.30 |
| 594 | PATIALA | PATIALA | AQUA | 76.42900 | 30.21400 | 13:25:00 | D | 17.30 |
| 595 | PATIALA | PATIALA | S-NPP | 76.35316 | 30.23422 | 13:18:00 | D | 2.20 |
| 596 | PATIALA | PATIALA | AQUA | 76.53300 | 30.24100 | 13:25:00 | D | 6.20 |
| 597 | PATIALA | PATIALA | AQUA | 76.44600 | 30.24700 | 13:25:00 | D | 23.10 |
| 598 | PATIALA | PATIALA | AQUA | 76.45800 | 30.24900 | 13:25:00 | D | 28.50 |
| 599 | PATIALA | PATIALA | S-NPP | 76.45541 | 30.25522 | 13:18:00 | D | 3.80 |
| 600 | PATIALA | PATIALA | S-NPP | 76.36498 | 30.26109 | 13:18:00 | D | 3.20 |
| 601 | PATIALA | PATIALA | S-NPP | 76.27477 | 30.26349 | 13:18:00 | D | 3.80 |
| 602 | PATIALA | PATIALA | S-NPP | 76.43951 | 30.26668 | 13:18:00 | D | 7.30 |
| 603 | PATIALA | PATIALA | S-NPP | 76.55199 | 30.27867 | 13:18:00 | D | 2.90 |
| 604 | PATIALA | PATIALA | S-NPP | 76.52493 | 30.28115 | 13:18:00 | D | 8.90 |
| 605 | PATIALA | PATIALA | S-NPP | 76.52416 | 30.28455 | 13:18:00 | D | 2.80 |
| 606 | PATIALA | PATIALA | AQUA | 76.54600 | 30.29200 | 13:25:00 | D | 6.90 |
| 607 | PATIALA | PATIALA | S-NPP | 76.46916 | 30.29292 | 13:18:00 | D | 1.90 |
| 608 | PATIALA | PATIALA | S-NPP | 76.43831 | 30.31494 | 13:18:00 | D | 4.00 |
| 609 | PATIALA | PATIALA | S-NPP | 76.43735 | 30.31584 | 13:18:00 | D | 3.90 |
| 610 | PATIALA | PATIALA | S-NPP | 76.44163 | 30.31656 | 13:18:00 | D | 3.90 |
| 611 | PATIALA | PATIALA | S-NPP | 76.43754 | 30.31835 | 13:18:00 | D | 4.00 |
| 612 | PATIALA | PATIALA | S-NPP | 76.47340 | 30.35630 | 13:18:00 | D | 4.90 |
| 613 | PATIALA | PATIALA | S-NPP | 76.49046 | 30.35920 | 13:18:00 | D | 3.10 |
| 614 | PATIALA | PATIALA | S-NPP | 76.47263 | 30.35970 | 13:18:00 | D | 4.90 |
| 615 | PATIALA | PATIALA | AQUA | 76.25900 | 30.37100 | 13:25:00 | D | 11.40 |
| 616 | PATIALA | PATIALA | S-NPP | 76.25900 | 30.37654 | 13:18:00 | D | 25.30 |
| 617 | PATIALA | PATIALA | S-NPP | 76.42923 | 30.39475 | 13:18:00 | D | 7.80 |
| 618 | PATIALA | PATIALA | S-NPP | 76.49484 | 30.39878 | 13:18:00 | D | 2.40 |
| 619 | PATIALA | PATIALA | S-NPP | 76.51310 | 30.41596 | 13:18:00 | D | 2.60 |
| 620 | PATIALA | PATIALA | S-NPP | 76.35468 | 30.41681 | 13:18:00 | D | 5.00 |

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| 621 | PATIALA | PATIALA | AQUA | 76.46500 | 30.43500 | 13:25:00 | D | 5.40 |
| 622 | PATIALA | PATIALA | AQUA | 76.47700 | 30.43700 | 13:25:00 | D | 10.90 |
| 623 | PATIALA | PATIALA | S-NPP | 76.52289 | 30.43856 | 13:18:00 | D | 3.30 |
| 624 | PATIALA | PATIALA | S-NPP | 76.47377 | 30.44076 | 13:18:00 | D | 8.60 |
| 625 | PATIALA | PATIALA | S-NPP | 76.33406 | 30.44873 | 13:18:00 | D | 7.40 |
| 626 | PATIALA | PATIALA | S-NPP | 76.37901 | 30.46703 | 13:18:00 | D | 2.30 |
| 627 | PATIALA | RAJPURA | S-NPP | 76.66412 | 30.30813 | 13:18:00 | D | 2.70 |
| 628 | PATIALA | RAJPURA | AQUA | 76.64400 | 30.31300 | 13:25:00 | D | 31.30 |
| 629 | PATIALA | RAJPURA | S-NPP | 76.64420 | 30.31885 | 13:18:00 | D | 3.20 |
| 630 | PATIALA | RAJPURA | S-NPP | 76.59535 | 30.32121 | 13:18:00 | D | 2.40 |
| 631 | PATIALA | RAJPURA | S-NPP | 76.69607 | 30.34157 | 13:18:00 | D | 5.10 |
| 632 | PATIALA | RAJPURA | S-NPP | 76.50203 | 30.34705 | 13:18:00 | D | 2.40 |
| 633 | PATIALA | RAJPURA | AQUA | 76.59500 | 30.37300 | 13:25:00 | D | 6.90 |
| 634 | PATIALA | RAJPURA | S-NPP | 76.59322 | 30.37312 | 13:18:00 | D | 1.50 |
| 635 | PATIALA | RAJPURA | S-NPP | 76.57551 | 30.37364 | 13:18:00 | D | 2.40 |
| 636 | PATIALA | RAJPURA | S-NPP | 76.61017 | 30.37599 | 13:18:00 | D | 9.90 |
| 637 | PATIALA | RAJPURA | AQUA | 76.67600 | 30.38600 | 13:25:00 | D | 4.70 |
| 638 | PATIALA | RAJPURA | S-NPP | 76.63222 | 30.41486 | 13:18:00 | D | 2.80 |
| 639 | PATIALA | RAJPURA | S-NPP | 76.67023 | 30.42123 | 13:18:00 | D | 4.60 |
| 640 | PATIALA | RAJPURA | AQUA | 76.51800 | 30.47300 | 13:25:00 | D | 12.10 |
| 641 | PATIALA | RAJPURA | AQUA | 76.52900 | 30.47500 | 13:25:00 | D | 17.50 |
| 642 | PATIALA | RAJPURA | S-NPP | 76.52728 | 30.47808 | 13:18:00 | D | 49.90 |
| 643 | PATIALA | RAJPURA | S-NPP | 76.49717 | 30.49413 | 13:18:00 | D | 9.90 |
| 644 | PATIALA | RAJPURA | S-NPP | 76.77699 | 30.51662 | 13:18:00 | D | 1.40 |
| 645 | PATIALA | RAJPURA | S-NPP | 76.53165 | 30.51756 | 13:18:00 | D | 1.90 |
| 646 | PATIALA | RAJPURA | AQUA | 76.76500 | 30.51800 | 13:25:00 | D | 5.80 |
| 647 | PATIALA | RAJPURA | AQUA | 76.50100 | 30.52300 | 13:25:00 | D | 17.20 |
| 648 | PATIALA | RAJPURA | S-NPP | 76.54713 | 30.52720 | 13:18:00 | D | 4.10 |
| 649 | PATIALA | RAJPURA | S-NPP | 76.55562 | 30.52862 | 13:18:00 | D | 3.00 |
| 650 | PATIALA | RAJPURA | S-NPP | 76.64798 | 30.54758 | 13:18:00 | D | 1.90 |
| 651 | PATIALA | RAJPURA | S-NPP | 76.68517 | 30.55729 | 13:18:00 | D | 5.70 |
| 652 | PATIALA | RAJPURA | S-NPP | 76.65837 | 30.55984 | 13:18:00 | D | 4.70 |
| 653 | PATIALA | RAJPURA | S-NPP | 76.74973 | 30.56103 | 13:18:00 | D | 12.40 |
| 654 | PATIALA | RAJPURA | S-NPP | 76.67706 | 30.57686 | 13:18:00 | D | 3.10 |
| 655 | PATIALA | RAJPURA | S-NPP | 76.68127 | 30.57757 | 13:18:00 | D | 4.80 |
| 656 | PATIALA | SAMANA | S-NPP | 76.08684 | 29.85778 | 13:18:00 | D | 27.90 |
| 657 | PATIALA | SAMANA | AQUA | 76.15100 | 29.86900 | 13:25:00 | D | 9.50 |
| 658 | PATIALA | SAMANA | S-NPP | 76.22516 | 29.87106 | 13:18:00 | D | 16.40 |
| 659 | PATIALA | SAMANA | AQUA | 76.07300 | 29.87600 | 13:25:00 | D | 10.40 |

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| 660 | PATIALA | SAMANA | AQUA | 76.08500 | 29.87800 | 13:25:00 | D | 8.20 |
| 661 | PATIALA | SAMANA | AQUA | 76.20000 | 29.87800 | 13:25:00 | D | 16.40 |
| 662 | PATIALA | SAMANA | S-NPP | 76.15923 | 29.88114 | 13:18:00 | D | 4.50 |
| 663 | PATIALA | SAMANA | S-NPP | 76.20457 | 29.88182 | 13:18:00 | D | 5.30 |
| 664 | PATIALA | SAMANA | S-NPP | 76.06288 | 29.88242 | 13:18:00 | D | 9.30 |
| 665 | PATIALA | SAMANA | S-NPP | 76.13023 | 29.90843 | 13:18:00 | D | 12.40 |
| 666 | PATIALA | SAMANA | S-NPP | 76.03285 | 29.91325 | 13:18:00 | D | 9.20 |
| 667 | PATIALA | SAMANA | S-NPP | 76.16892 | 29.91867 | 13:18:00 | D | 1.90 |
| 668 | PATIALA | SAMANA | S-NPP | 76.13070 | 29.92646 | 13:18:00 | D | 3.50 |
| 669 | PATIALA | SAMANA | AQUA | 76.07200 | 29.93600 | 13:25:00 | D | 11.00 |
| 670 | PATIALA | SAMANA | AQUA | 76.08400 | 29.93800 | 13:25:00 | D | 27.60 |
| 671 | PATIALA | SAMANA | AQUA | 76.07700 | 29.94000 | 13:25:00 | D | 25.30 |
| 672 | PATIALA | SAMANA | AQUA | 76.09700 | 29.94000 | 13:25:00 | D | 7.00 |
| 673 | PATIALA | SAMANA | S-NPP | 76.08279 | 29.94107 | 13:18:00 | D | 2.40 |
| 674 | PATIALA | SAMANA | S-NPP | 76.10558 | 29.94146 | 13:18:00 | D | 2.30 |
| 675 | PATIALA | SAMANA | AQUA | 76.17000 | 29.95300 | 13:25:00 | D | 9.20 |
| 676 | PATIALA | SAMANA | AQUA | 76.16300 | 29.95500 | 13:25:00 | D | 8.00 |
| 677 | PATIALA | SAMANA | S-NPP | 76.15792 | 29.97212 | 13:18:00 | D | 8.40 |
| 678 | PATIALA | SAMANA | S-NPP | 76.17525 | 30.03601 | 13:18:00 | D | 7.90 |
| 679 | PATIALA | SAMANA | AQUA | 76.21100 | 30.05500 | 13:25:00 | D | 8.40 |
| 680 | PATIALA | SAMANA | S-NPP | 76.21501 | 30.06068 | 13:18:00 | D | 1.60 |
| 681 | PATIALA | SAMANA | S-NPP | 76.27776 | 30.12643 | 13:18:00 | D | 1.10 |
| 682 | PATIALA | SAMANA | S-NPP | 76.06317 | 30.17704 | 13:18:00 | D | 6.10 |
| 683 | PATIALA | SAMANA | S-NPP | 76.22090 | 30.18296 | 13:18:00 | D | 9.90 |
| 684 | PATIALA | SAMANA | S-NPP | 76.26585 | 30.18361 | 13:18:00 | D | 3.00 |
| 685 | PATIALA | SAMANA | S-NPP | 76.21142 | 30.18488 | 13:18:00 | D | 2.30 |
| 686 | RUPNAGAR | CHAMKOR SAHIB | AQUA | 76.53500 | 30.82600 | 13:25:00 | D | 5.90 |
| 687 | RUPNAGAR | CHAMKOR SAHIB | S-NPP | 76.55269 | 30.82613 | 13:18:00 | D | 4.40 |
| 688 | RUPNAGAR | RUPNAGAR | AQUA | 76.54400 | 30.87100 | 13:25:00 | D | 8.30 |
| 689 | SANGRUR | DHURI | S-NPP | 75.84491 | 30.30906 | 13:18:00 | D | 3.50 |
| 690 | SANGRUR | DHURI | AQUA | 75.84000 | 30.31100 | 13:25:00 | D | 5.70 |
| 691 | SANGRUR | DHURI | S-NPP | 75.76178 | 30.33499 | 13:18:00 | D | 2.10 |
| 692 | SANGRUR | DHURI | AQUA | 75.76700 | 30.43100 | 13:25:00 | D | 16.90 |
| 693 | SANGRUR | MOONAK | S-NPP | 76.00620 | 29.80002 | 13:18:00 | D | 6.90 |
| 694 | SANGRUR | MOONAK | AQUA | 75.96500 | 29.80600 | 13:25:00 | D | 10.70 |
| 695 | SANGRUR | MOONAK | AQUA | 75.97800 | 29.80800 | 13:25:00 | D | 14.30 |
| 696 | SANGRUR | MOONAK | S-NPP | 75.97279 | 29.81255 | 13:18:00 | D | 14.50 |
| 697 | SANGRUR | MOONAK | AQUA | 75.88000 | 29.81300 | 13:25:00 | D | 11.30 |
| 698 | SANGRUR | MOONAK | AQUA | 75.88500 | 29.81300 | 13:25:00 | D | 8.40 |

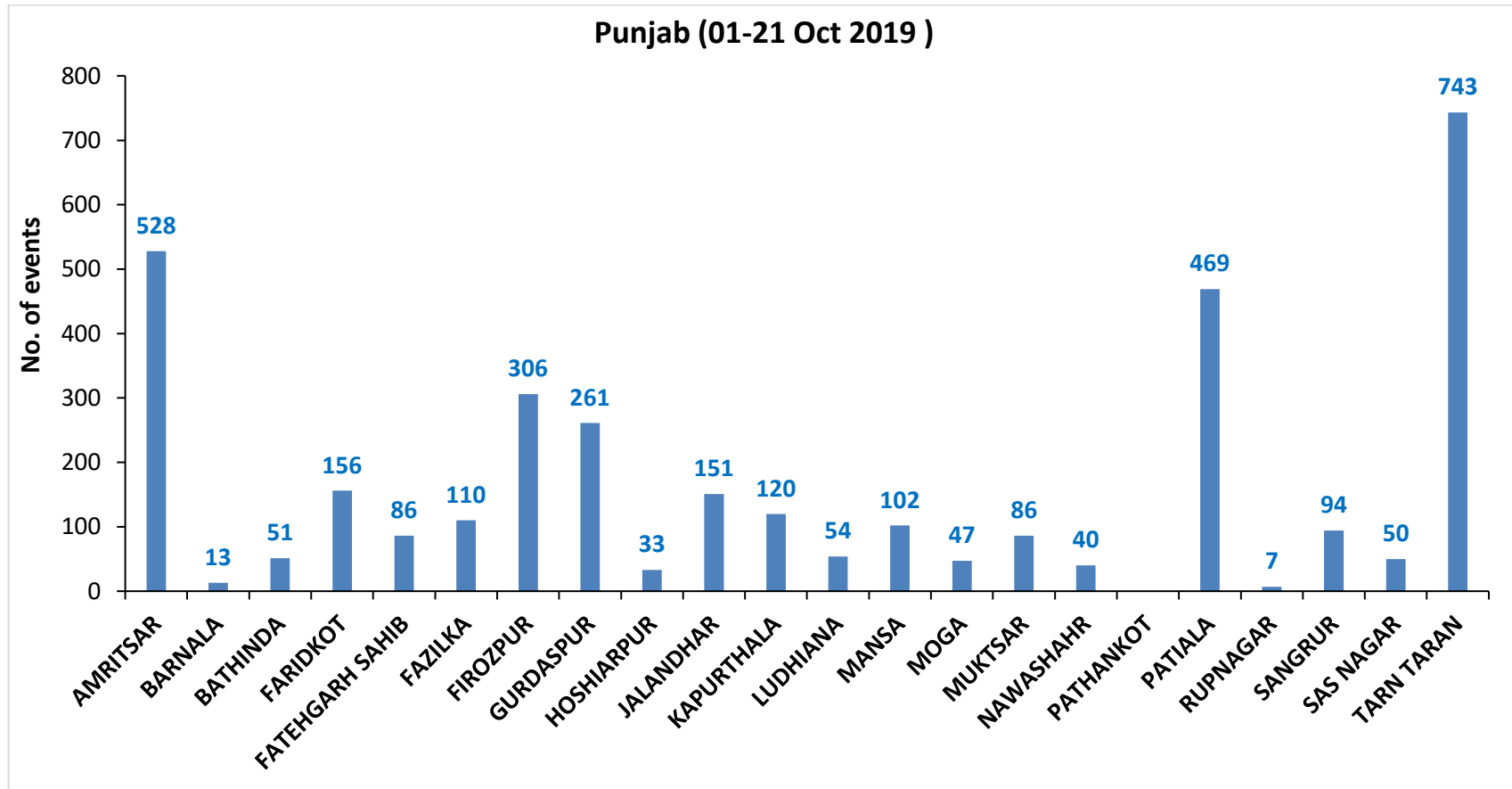
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|-----|------------|---------------|-------|----------|----------|----------|---|-------|
| 699 | SANGRUR | MOONAK | S-NPP | 75.97724 | 29.81333 | 13:18:00 | D | 31.30 |
| 700 | SANGRUR | MOONAK | S-NPP | 75.79981 | 29.81471 | 13:18:00 | D | 2.50 |
| 701 | SANGRUR | MOONAK | S-NPP | 75.97199 | 29.81603 | 13:18:00 | D | 14.50 |
| 702 | SANGRUR | MOONAK | S-NPP | 75.88892 | 29.83402 | 13:18:00 | D | 3.50 |
| 703 | SANGRUR | MOONAK | S-NPP | 76.01846 | 29.83502 | 13:18:00 | D | 3.60 |
| 704 | SANGRUR | MOONAK | S-NPP | 76.02654 | 29.84005 | 13:18:00 | D | 2.10 |
| 705 | SANGRUR | MOONAK | AQUA | 75.97600 | 29.84900 | 13:25:00 | D | 13.80 |
| 706 | SANGRUR | MOONAK | AQUA | 75.90400 | 29.87800 | 13:25:00 | D | 28.60 |
| 707 | SANGRUR | MOONAK | S-NPP | 75.90539 | 29.88401 | 13:18:00 | D | 2.00 |
| 708 | SANGRUR | MOONAK | S-NPP | 75.86160 | 29.93842 | 13:18:00 | D | 7.20 |
| 709 | SANGRUR | SANGRUR | S-NPP | 75.62305 | 30.14714 | 13:18:00 | D | 3.20 |
| 710 | SANGRUR | SANGRUR | S-NPP | 75.62761 | 30.14794 | 13:18:00 | D | 3.20 |
| 711 | SANGRUR | SANGRUR | S-NPP | 76.11001 | 30.23174 | 13:18:00 | D | 36.40 |
| 712 | SANGRUR | SANGRUR | S-NPP | 76.08134 | 30.28174 | 13:18:00 | D | 4.10 |
| 713 | SANGRUR | SANGRUR | AQUA | 76.09300 | 30.30000 | 13:25:00 | D | 12.60 |
| 714 | SANGRUR | SANGRUR | S-NPP | 76.09495 | 30.30200 | 13:18:00 | D | 2.80 |
| 715 | SANGRUR | SUNAM | S-NPP | 75.66398 | 29.96477 | 13:18:00 | D | 2.60 |
| 716 | SAS NAGAR | DERABASSI | AQUA | 76.85400 | 30.43400 | 13:25:00 | D | 7.80 |
| 717 | SAS NAGAR | DERABASSI | S-NPP | 76.81113 | 30.43427 | 13:18:00 | D | 2.40 |
| 718 | SAS NAGAR | DERABASSI | S-NPP | 76.89171 | 30.46163 | 13:18:00 | D | 4.10 |
| 719 | SAS NAGAR | DERABASSI | S-NPP | 76.81697 | 30.46669 | 13:18:00 | D | 2.10 |
| 720 | SAS NAGAR | DERABASSI | S-NPP | 76.89217 | 30.47914 | 13:18:00 | D | 2.30 |
| 721 | SAS NAGAR | DERABASSI | S-NPP | 76.89069 | 30.48586 | 13:18:00 | D | 6.40 |
| 722 | SAS NAGAR | DERABASSI | S-NPP | 76.83321 | 30.59581 | 13:18:00 | D | 5.20 |
| 723 | SAS NAGAR | KHARAR | S-NPP | 76.64559 | 30.65920 | 13:18:00 | D | 2.90 |
| 724 | SAS NAGAR | KHARAR | S-NPP | 76.52184 | 30.66664 | 13:18:00 | D | 3.90 |
| 725 | SAS NAGAR | MOHALI | S-NPP | 76.74297 | 30.63344 | 13:18:00 | D | 4.20 |
| 726 | SAS NAGAR | MOHALI | AQUA | 76.74400 | 30.63700 | 13:25:00 | D | 6.40 |
| 727 | TARN TARAN | KHADOOR SAHIB | S-NPP | 74.98254 | 31.21381 | 13:18:00 | D | 4.30 |
| 728 | TARN TARAN | KHADOOR SAHIB | AQUA | 74.97500 | 31.22300 | 13:25:00 | D | 7.60 |
| 729 | TARN TARAN | KHADOOR SAHIB | S-NPP | 74.94981 | 31.22646 | 13:18:00 | D | 4.20 |
| 730 | TARN TARAN | KHADOOR SAHIB | S-NPP | 74.98381 | 31.22886 | 13:18:00 | D | 2.40 |
| 731 | TARN TARAN | KHADOOR SAHIB | S-NPP | 74.95843 | 31.23171 | 13:18:00 | D | 10.20 |
| 732 | TARN TARAN | KHADOOR SAHIB | S-NPP | 74.99712 | 31.23493 | 13:18:00 | D | 7.10 |
| 733 | TARN TARAN | KHADOOR SAHIB | S-NPP | 74.91504 | 31.25531 | 13:18:00 | D | 5.60 |
| 734 | TARN TARAN | KHADOOR SAHIB | S-NPP | 74.93401 | 31.25878 | 13:18:00 | D | 3.90 |
| 735 | TARN TARAN | KHADOOR SAHIB | S-NPP | 75.02069 | 31.26719 | 13:18:00 | D | 3.20 |
| 736 | TARN TARAN | KHADOOR SAHIB | S-NPP | 75.06843 | 31.27218 | 13:18:00 | D | 6.00 |
| 737 | TARN TARAN | KHADOOR SAHIB | S-NPP | 75.07107 | 31.27394 | 13:18:00 | D | 11.90 |

| | | | | | | | | |
|-----|------------|---------------|-------|----------|----------|----------|---|-------|
| 738 | TARN TARAN | KHADOOR SAHIB | S-NPP | 74.98430 | 31.27535 | 13:18:00 | D | 7.90 |
| 739 | TARN TARAN | KHADOOR SAHIB | S-NPP | 75.06758 | 31.27572 | 13:18:00 | D | 6.00 |
| 740 | TARN TARAN | KHADOOR SAHIB | S-NPP | 75.04715 | 31.27938 | 13:18:00 | D | 4.40 |
| 741 | TARN TARAN | KHADOOR SAHIB | S-NPP | 74.90725 | 31.28731 | 13:18:00 | D | 4.10 |
| 742 | TARN TARAN | KHADOOR SAHIB | S-NPP | 74.90639 | 31.29086 | 13:18:00 | D | 4.10 |
| 743 | TARN TARAN | KHADOOR SAHIB | S-NPP | 75.09772 | 31.29223 | 13:18:00 | D | 5.20 |
| 744 | TARN TARAN | KHADOOR SAHIB | AQUA | 74.96600 | 31.29400 | 13:25:00 | D | 10.70 |
| 745 | TARN TARAN | KHADOOR SAHIB | S-NPP | 75.02792 | 31.29805 | 13:18:00 | D | 2.60 |
| 746 | TARN TARAN | KHADOOR SAHIB | S-NPP | 75.01682 | 31.30343 | 13:18:00 | D | 3.40 |
| 747 | TARN TARAN | KHADOOR SAHIB | S-NPP | 74.94173 | 31.30837 | 13:18:00 | D | 2.30 |
| 748 | TARN TARAN | KHADOOR SAHIB | S-NPP | 74.92018 | 31.31561 | 13:18:00 | D | 2.00 |
| 749 | TARN TARAN | KHADOOR SAHIB | AQUA | 74.98800 | 31.31900 | 13:25:00 | D | 6.90 |
| 750 | TARN TARAN | KHADOOR SAHIB | S-NPP | 75.00781 | 31.32028 | 13:18:00 | D | 5.10 |
| 751 | TARN TARAN | KHADOOR SAHIB | AQUA | 75.06900 | 31.33300 | 13:25:00 | D | 30.70 |
| 752 | TARN TARAN | KHADOOR SAHIB | AQUA | 75.08200 | 31.33500 | 13:25:00 | D | 11.40 |
| 753 | TARN TARAN | KHADOOR SAHIB | S-NPP | 75.07265 | 31.33560 | 13:18:00 | D | 5.50 |
| 754 | TARN TARAN | KHADOOR SAHIB | S-NPP | 74.80479 | 31.33950 | 13:18:00 | D | 2.80 |
| 755 | TARN TARAN | KHADOOR SAHIB | S-NPP | 74.80629 | 31.34057 | 13:18:00 | D | 2.90 |
| 756 | TARN TARAN | KHADOOR SAHIB | S-NPP | 75.05433 | 31.35074 | 13:18:00 | D | 2.10 |
| 757 | TARN TARAN | KHADOOR SAHIB | S-NPP | 75.10662 | 31.35638 | 13:18:00 | D | 3.00 |
| 758 | TARN TARAN | KHADOOR SAHIB | S-NPP | 75.00307 | 31.36004 | 13:18:00 | D | 12.10 |
| 759 | TARN TARAN | KHADOOR SAHIB | S-NPP | 75.09216 | 31.37587 | 13:18:00 | D | 2.70 |
| 760 | TARN TARAN | KHADOOR SAHIB | AQUA | 74.74500 | 31.38800 | 13:25:00 | D | 9.90 |
| 761 | TARN TARAN | KHADOOR SAHIB | S-NPP | 75.03189 | 31.38918 | 13:18:00 | D | 3.40 |
| 762 | TARN TARAN | KHADOOR SAHIB | S-NPP | 75.11472 | 31.38947 | 13:18:00 | D | 5.00 |
| 763 | TARN TARAN | KHADOOR SAHIB | S-NPP | 75.11293 | 31.39057 | 13:18:00 | D | 3.90 |
| 764 | TARN TARAN | KHADOOR SAHIB | S-NPP | 74.74821 | 31.39337 | 13:18:00 | D | 4.30 |
| 765 | TARN TARAN | KHADOOR SAHIB | S-NPP | 74.99300 | 31.40797 | 13:18:00 | D | 3.20 |
| 766 | TARN TARAN | KHADOOR SAHIB | AQUA | 75.01500 | 31.41600 | 13:25:00 | D | 7.80 |
| 767 | TARN TARAN | KHADOOR SAHIB | S-NPP | 74.79750 | 31.41719 | 13:18:00 | D | 24.60 |
| 768 | TARN TARAN | KHADOOR SAHIB | S-NPP | 74.79663 | 31.42076 | 13:18:00 | D | 7.30 |
| 769 | TARN TARAN | KHADOOR SAHIB | S-NPP | 75.02886 | 31.42181 | 13:18:00 | D | 1.70 |
| 770 | TARN TARAN | KHADOOR SAHIB | S-NPP | 74.77090 | 31.42358 | 13:18:00 | D | 5.60 |
| 771 | TARN TARAN | KHADOOR SAHIB | S-NPP | 74.96083 | 31.43912 | 13:18:00 | D | 2.20 |
| 772 | TARN TARAN | KHADOOR SAHIB | S-NPP | 74.80181 | 31.44029 | 13:18:00 | D | 3.00 |
| 773 | TARN TARAN | KHADOOR SAHIB | S-NPP | 75.13622 | 31.44107 | 13:18:00 | D | 3.70 |
| 774 | TARN TARAN | KHADOOR SAHIB | TERRA | 74.73700 | 31.44200 | 11:50:00 | D | 15.90 |
| 775 | TARN TARAN | KHADOOR SAHIB | S-NPP | 75.03607 | 31.45257 | 13:18:00 | D | 2.70 |
| 776 | TARN TARAN | KHADOOR SAHIB | S-NPP | 75.19474 | 31.45885 | 13:18:00 | D | 2.70 |

| | | | | | | | | |
|-----|------------|---------------|-------|----------|----------|----------|---|-------|
| 777 | TARN TARAN | KHADOOR SAHIB | AQUA | 74.79900 | 31.46100 | 13:25:00 | D | 10.60 |
| 778 | TARN TARAN | KHADOOR SAHIB | S-NPP | 74.80292 | 31.46426 | 13:18:00 | D | 7.70 |
| 779 | TARN TARAN | KHADOOR SAHIB | S-NPP | 75.03732 | 31.46753 | 13:18:00 | D | 5.10 |
| 780 | TARN TARAN | KHADOOR SAHIB | S-NPP | 75.18758 | 31.46855 | 13:18:00 | D | 7.30 |
| 781 | TARN TARAN | KHADOOR SAHIB | AQUA | 74.70400 | 31.47300 | 13:30:00 | D | 11.00 |
| 782 | TARN TARAN | KHADOOR SAHIB | S-NPP | 75.00660 | 31.47311 | 13:18:00 | D | 9.70 |
| 783 | TARN TARAN | KHADOOR SAHIB | AQUA | 75.22700 | 31.48400 | 13:25:00 | D | 8.30 |
| 784 | TARN TARAN | KHADOOR SAHIB | S-NPP | 75.22199 | 31.48562 | 13:18:00 | D | 2.00 |
| 785 | TARN TARAN | KHADOOR SAHIB | S-NPP | 75.18335 | 31.48609 | 13:18:00 | D | 2.00 |
| 786 | TARN TARAN | KHADOOR SAHIB | AQUA | 75.07500 | 31.48800 | 13:25:00 | D | 13.70 |
| 787 | TARN TARAN | KHADOOR SAHIB | S-NPP | 75.08066 | 31.48992 | 13:18:00 | D | 5.00 |
| 788 | TARN TARAN | KHADOOR SAHIB | S-NPP | 75.07702 | 31.49199 | 13:18:00 | D | 6.10 |
| 789 | TARN TARAN | KHADOOR SAHIB | S-NPP | 75.07513 | 31.49261 | 13:18:00 | D | 7.40 |
| 790 | TARN TARAN | KHADOOR SAHIB | S-NPP | 74.76936 | 31.49909 | 13:18:00 | D | 3.80 |
| 791 | TARN TARAN | KHADOOR SAHIB | S-NPP | 75.19930 | 31.49988 | 13:18:00 | D | 2.90 |
| 792 | TARN TARAN | KHADOOR SAHIB | S-NPP | 75.08378 | 31.50424 | 13:18:00 | D | 7.20 |
| 793 | TARN TARAN | KHADOOR SAHIB | S-NPP | 74.93453 | 31.51413 | 13:18:00 | D | 3.10 |
| 794 | TARN TARAN | KHADOOR SAHIB | S-NPP | 74.72393 | 31.52069 | 13:18:00 | D | 4.80 |
| 795 | TARN TARAN | KHADOOR SAHIB | S-NPP | 74.62766 | 31.52203 | 13:18:00 | D | 2.70 |
| 796 | TARN TARAN | KHADOOR SAHIB | AQUA | 74.78800 | 31.54100 | 13:30:00 | D | 9.00 |
| 797 | TARN TARAN | KHADOOR SAHIB | S-NPP | 74.78844 | 31.54345 | 13:18:00 | D | 8.70 |
| 798 | TARN TARAN | PATTI | S-NPP | 74.83541 | 31.16489 | 13:18:00 | D | 6.90 |
| 799 | TARN TARAN | PATTI | AQUA | 74.83200 | 31.16600 | 13:25:00 | D | 10.60 |
| 800 | TARN TARAN | PATTI | S-NPP | 74.83454 | 31.16846 | 13:18:00 | D | 6.90 |
| 801 | TARN TARAN | PATTI | S-NPP | 74.95330 | 31.17146 | 13:18:00 | D | 21.50 |
| 802 | TARN TARAN | PATTI | S-NPP | 74.79353 | 31.17220 | 13:18:00 | D | 4.70 |
| 803 | TARN TARAN | PATTI | S-NPP | 74.88539 | 31.18514 | 13:18:00 | D | 3.10 |
| 804 | TARN TARAN | PATTI | S-NPP | 74.84547 | 31.18536 | 13:18:00 | D | 4.50 |
| 805 | TARN TARAN | PATTI | S-NPP | 74.85025 | 31.18622 | 13:18:00 | D | 5.10 |
| 806 | TARN TARAN | PATTI | AQUA | 74.79700 | 31.19200 | 13:25:00 | D | 6.70 |
| 807 | TARN TARAN | PATTI | S-NPP | 74.85330 | 31.19423 | 13:18:00 | D | 6.10 |
| 808 | TARN TARAN | PATTI | AQUA | 74.58100 | 31.20500 | 13:25:00 | D | 9.60 |
| 809 | TARN TARAN | PATTI | S-NPP | 74.79924 | 31.21057 | 13:18:00 | D | 3.90 |
| 810 | TARN TARAN | PATTI | AQUA | 74.69700 | 31.21500 | 13:25:00 | D | 9.60 |
| 811 | TARN TARAN | PATTI | S-NPP | 74.62770 | 31.21746 | 13:18:00 | D | 5.30 |
| 812 | TARN TARAN | PATTI | S-NPP | 74.90144 | 31.22149 | 13:18:00 | D | 3.60 |
| 813 | TARN TARAN | PATTI | S-NPP | 74.69751 | 31.22283 | 13:18:00 | D | 6.80 |
| 814 | TARN TARAN | PATTI | S-NPP | 74.91961 | 31.22847 | 13:18:00 | D | 4.40 |
| 815 | TARN TARAN | PATTI | S-NPP | 74.67062 | 31.22913 | 13:18:00 | D | 4.70 |

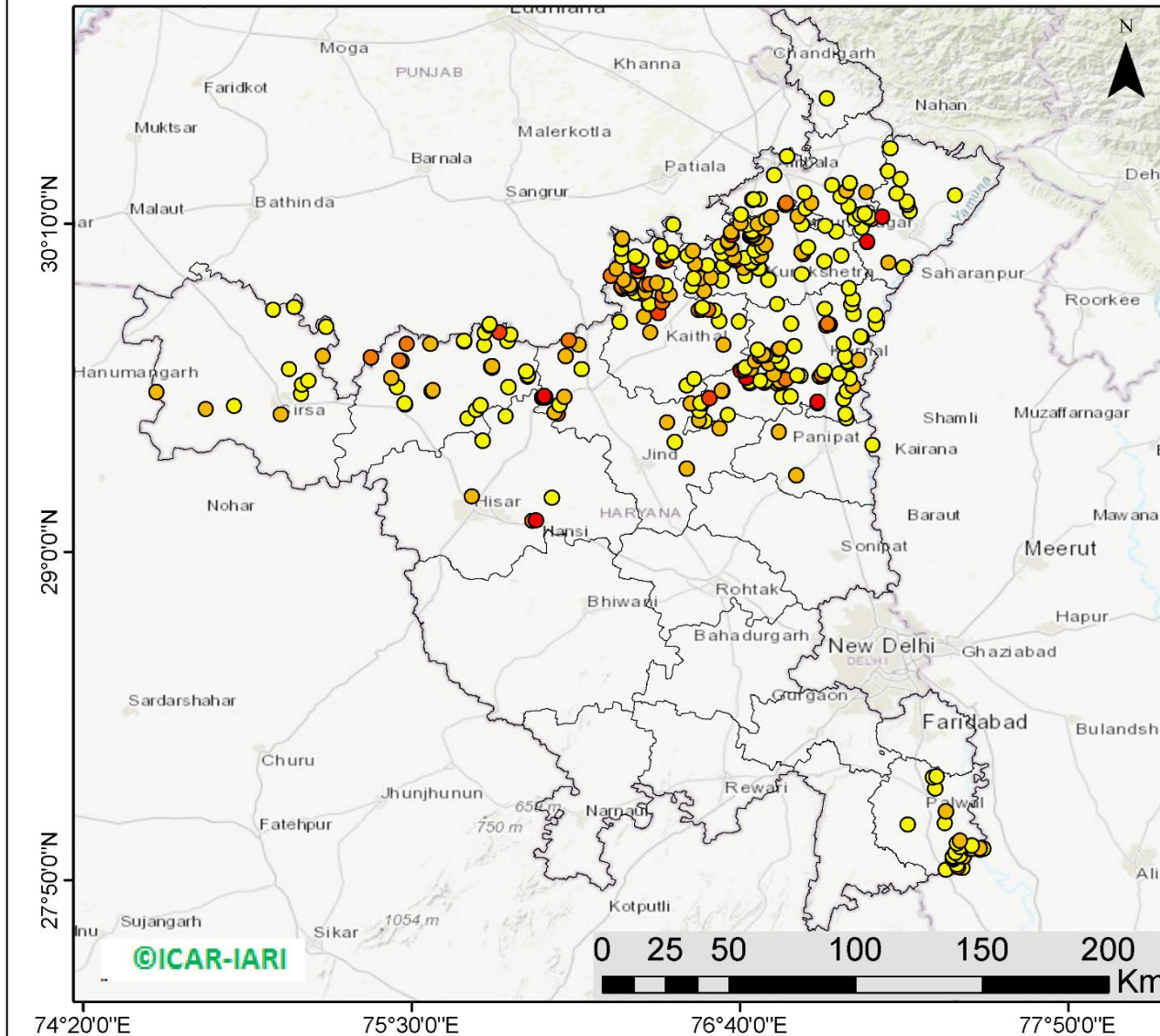
| | | | | | | | | |
|-----|------------|-------|-------|----------|----------|----------|---|-------|
| 816 | TARN TARAN | PATTI | S-NPP | 74.91225 | 31.23828 | 13:18:00 | D | 2.80 |
| 817 | TARN TARAN | PATTI | AQUA | 74.54000 | 31.25100 | 13:25:00 | D | 7.90 |
| 818 | TARN TARAN | PATTI | AQUA | 74.74600 | 31.25500 | 13:25:00 | D | 16.40 |
| 819 | TARN TARAN | PATTI | S-NPP | 74.68296 | 31.26143 | 13:18:00 | D | 6.80 |
| 820 | TARN TARAN | PATTI | S-NPP | 74.84142 | 31.27163 | 13:18:00 | D | 4.70 |
| 821 | TARN TARAN | PATTI | TERRA | 74.70400 | 31.27600 | 11:50:00 | D | 20.60 |
| 822 | TARN TARAN | PATTI | S-NPP | 74.70188 | 31.28735 | 13:18:00 | D | 2.70 |
| 823 | TARN TARAN | PATTI | S-NPP | 74.72695 | 31.28815 | 13:18:00 | D | 3.30 |
| 824 | TARN TARAN | PATTI | S-NPP | 74.55737 | 31.29499 | 13:18:00 | D | 3.30 |
| 825 | TARN TARAN | PATTI | AQUA | 74.56900 | 31.29500 | 13:25:00 | D | 11.30 |
| 826 | TARN TARAN | PATTI | S-NPP | 74.89989 | 31.29712 | 13:18:00 | D | 2.80 |
| 827 | TARN TARAN | PATTI | S-NPP | 74.55360 | 31.29761 | 13:18:00 | D | 8.90 |
| 828 | TARN TARAN | PATTI | AQUA | 74.80800 | 31.29800 | 13:25:00 | D | 8.00 |
| 829 | TARN TARAN | PATTI | S-NPP | 74.55849 | 31.29852 | 13:18:00 | D | 8.90 |
| 830 | TARN TARAN | PATTI | AQUA | 74.59700 | 31.30000 | 13:25:00 | D | 9.80 |
| 831 | TARN TARAN | PATTI | S-NPP | 74.60250 | 31.30669 | 13:18:00 | D | 7.00 |
| 832 | TARN TARAN | PATTI | AQUA | 74.65400 | 31.31000 | 13:25:00 | D | 19.40 |
| 833 | TARN TARAN | PATTI | S-NPP | 74.60162 | 31.31029 | 13:18:00 | D | 2.90 |
| 834 | TARN TARAN | PATTI | AQUA | 74.66800 | 31.31200 | 13:25:00 | D | 69.00 |
| 835 | TARN TARAN | PATTI | S-NPP | 74.66481 | 31.31438 | 13:18:00 | D | 11.20 |
| 836 | TARN TARAN | PATTI | S-NPP | 74.66661 | 31.31481 | 13:18:00 | D | 29.10 |
| 837 | TARN TARAN | PATTI | S-NPP | 74.66967 | 31.31526 | 13:18:00 | D | 10.60 |
| 838 | TARN TARAN | PATTI | S-NPP | 74.62908 | 31.32290 | 13:18:00 | D | 2.90 |
| 839 | TARN TARAN | PATTI | S-NPP | 74.90333 | 31.32371 | 13:18:00 | D | 5.20 |
| 840 | TARN TARAN | PATTI | AQUA | 74.56100 | 31.32600 | 13:25:00 | D | 13.80 |
| 841 | TARN TARAN | PATTI | S-NPP | 74.55627 | 31.32827 | 13:18:00 | D | 19.30 |
| 842 | TARN TARAN | PATTI | S-NPP | 74.56117 | 31.32918 | 13:18:00 | D | 19.30 |
| 843 | TARN TARAN | PATTI | S-NPP | 74.56029 | 31.33278 | 13:18:00 | D | 4.30 |
| 844 | TARN TARAN | PATTI | S-NPP | 74.63128 | 31.33457 | 13:18:00 | D | 4.10 |
| 845 | TARN TARAN | PATTI | AQUA | 74.79300 | 31.33500 | 13:25:00 | D | 6.20 |
| 846 | TARN TARAN | PATTI | S-NPP | 74.68201 | 31.35514 | 13:18:00 | D | 4.10 |
| 847 | TARN TARAN | PATTI | S-NPP | 74.61842 | 31.36602 | 13:18:00 | D | 3.90 |
| 848 | TARN TARAN | PATTI | S-NPP | 74.59935 | 31.38132 | 13:18:00 | D | 13.00 |
| 849 | TARN TARAN | PATTI | S-NPP | 74.69824 | 31.39178 | 13:18:00 | D | 4.00 |
| 850 | TARN TARAN | PATTI | S-NPP | 74.69164 | 31.39807 | 13:18:00 | D | 4.60 |
| 851 | TARN TARAN | PATTI | S-NPP | 74.61352 | 31.40643 | 13:18:00 | D | 2.50 |
| 852 | TARN TARAN | PATTI | S-NPP | 74.70921 | 31.40872 | 13:18:00 | D | 2.80 |

District-wise cumulative number of residue burning events in Punjab (01 to 21-Oct 2019)



(b) Haryana

RICE RESIDUE BURNING IN HARYANA



339 burning events
detected in Haryana on
21st October 2019

Fire Intensity (W/m²)

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



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

Details of residue burning events in Haryana on 21-Oct-2019

| S. No. | District | Tehsil / Block | Satellite | Longitude | Latitude | Time (IST) | Day / Night | Fire Power (W/m ²) |
|--------|-----------|----------------|-----------|-----------|----------|------------|-------------|--------------------------------|
| 1 | AMBALA | AMBALA | S-NPP | 76.59353 | 30.08577 | 13:18:00 | D | 2.60 |
| 2 | AMBALA | AMBALA | AQUA | 76.62400 | 30.10000 | 13:25:00 | D | 11.70 |
| 3 | AMBALA | AMBALA | S-NPP | 76.62521 | 30.10168 | 13:18:00 | D | 3.50 |
| 4 | AMBALA | AMBALA | S-NPP | 76.62447 | 30.10508 | 13:18:00 | D | 5.50 |
| 5 | AMBALA | AMBALA | AQUA | 76.63700 | 30.12600 | 13:25:00 | D | 19.80 |
| 6 | AMBALA | AMBALA | AQUA | 76.63500 | 30.13600 | 13:25:00 | D | 6.70 |
| 7 | AMBALA | AMBALA | S-NPP | 76.66814 | 30.16815 | 13:18:00 | D | 6.40 |
| 8 | AMBALA | AMBALA | S-NPP | 76.66981 | 30.20008 | 13:18:00 | D | 3.90 |
| 9 | AMBALA | AMBALA | S-NPP | 76.90018 | 30.22112 | 13:18:00 | D | 3.00 |
| 10 | AMBALA | AMBALA | AQUA | 76.92100 | 30.24000 | 13:25:00 | D | 6.10 |
| 11 | AMBALA | AMBALA | AQUA | 76.71100 | 30.25100 | 13:25:00 | D | 8.60 |
| 12 | AMBALA | AMBALA | S-NPP | 76.71138 | 30.25288 | 13:18:00 | D | 3.80 |
| 13 | AMBALA | AMBALA | S-NPP | 76.71488 | 30.25328 | 13:18:00 | D | 3.70 |
| 14 | AMBALA | AMBALA | S-NPP | 76.73669 | 30.25340 | 13:18:00 | D | 1.90 |
| 15 | AMBALA | AMBALA | S-NPP | 76.71559 | 30.25360 | 13:18:00 | D | 3.10 |
| 16 | AMBALA | AMBALA | S-NPP | 76.89667 | 30.27641 | 13:18:00 | D | 4.20 |
| 17 | AMBALA | AMBALA | S-NPP | 76.99475 | 30.30402 | 13:18:00 | D | 1.50 |
| 18 | AMBALA | AMBALA | S-NPP | 76.78812 | 30.33939 | 13:18:00 | D | 2.20 |
| 19 | AMBALA | AMBALA | S-NPP | 76.83456 | 30.40673 | 13:18:00 | D | 2.50 |
| 20 | AMBALA | BARARA | S-NPP | 77.07578 | 30.18355 | 13:18:00 | D | 3.20 |
| 21 | AMBALA | BARARA | S-NPP | 77.05414 | 30.22581 | 13:18:00 | D | 4.40 |
| 22 | AMBALA | BARARA | S-NPP | 77.05341 | 30.22917 | 13:18:00 | D | 2.70 |
| 23 | AMBALA | BARARA | S-NPP | 77.02464 | 30.26268 | 13:18:00 | D | 2.10 |
| 24 | AMBALA | BARARA | S-NPP | 77.11560 | 30.27766 | 13:18:00 | D | 8.40 |
| 25 | AMBALA | BARARA | S-NPP | 77.04581 | 30.28357 | 13:18:00 | D | 9.30 |
| 26 | AMBALA | BARARA | S-NPP | 77.05724 | 30.30977 | 13:18:00 | D | 2.60 |
| 27 | AMBALA | BARARA | S-NPP | 77.05759 | 30.31101 | 13:18:00 | D | 1.80 |
| 28 | FATEHABAD | FATEHABAD | S-NPP | 75.69862 | 29.47383 | 13:18:00 | D | 4.00 |
| 29 | FATEHABAD | FATEHABAD | S-NPP | 75.72951 | 29.50497 | 13:18:00 | D | 3.70 |
| 30 | FATEHABAD | FATEHABAD | S-NPP | 75.74451 | 29.52226 | 13:18:00 | D | 4.50 |

| | | | | | | | | |
|----|-----------|-----------|-------|----------|----------|----------|---|-------|
| 31 | FATEHABAD | FATEHABAD | S-NPP | 75.47614 | 29.52555 | 02:00:00 | N | 0.40 |
| 32 | FATEHABAD | FATEHABAD | S-NPP | 75.47578 | 29.52798 | 13:18:00 | D | 2.70 |
| 33 | FATEHABAD | FATEHABAD | AQUA | 75.57100 | 29.57300 | 13:25:00 | D | 13.10 |
| 34 | FATEHABAD | FATEHABAD | AQUA | 75.57600 | 29.57500 | 13:25:00 | D | 9.40 |
| 35 | FATEHABAD | FATEHABAD | S-NPP | 75.57594 | 29.57546 | 13:18:00 | D | 7.50 |
| 36 | FATEHABAD | FATEHABAD | S-NPP | 75.44767 | 29.58595 | 13:18:00 | D | 4.50 |
| 37 | FATEHABAD | FATEHABAD | S-NPP | 75.42741 | 29.61739 | 13:18:00 | D | 8.60 |
| 38 | FATEHABAD | RATIA | S-NPP | 75.46629 | 29.67992 | 13:18:00 | D | 6.60 |
| 39 | FATEHABAD | RATIA | S-NPP | 75.45613 | 29.68182 | 13:18:00 | D | 10.30 |
| 40 | FATEHABAD | RATIA | AQUA | 75.35600 | 29.69200 | 13:25:00 | D | 12.70 |
| 41 | FATEHABAD | RATIA | AQUA | 75.56700 | 29.73900 | 13:25:00 | D | 8.40 |
| 42 | FATEHABAD | RATIA | S-NPP | 75.48357 | 29.74005 | 13:18:00 | D | 11.70 |
| 43 | FATEHABAD | RATIA | S-NPP | 75.68565 | 29.74801 | 13:18:00 | D | 4.00 |
| 44 | FATEHABAD | RATIA | S-NPP | 75.68706 | 29.75084 | 13:18:00 | D | 4.80 |
| 45 | FATEHABAD | TOHANA | S-NPP | 75.84425 | 29.58642 | 13:18:00 | D | 1.40 |
| 46 | FATEHABAD | TOHANA | AQUA | 75.91400 | 29.62200 | 13:25:00 | D | 10.50 |
| 47 | FATEHABAD | TOHANA | S-NPP | 75.91432 | 29.62788 | 13:18:00 | D | 3.50 |
| 48 | FATEHABAD | TOHANA | S-NPP | 75.90665 | 29.64106 | 13:18:00 | D | 2.10 |
| 49 | FATEHABAD | TOHANA | S-NPP | 75.78582 | 29.65639 | 13:18:00 | D | 5.50 |
| 50 | FATEHABAD | TOHANA | S-NPP | 75.78192 | 29.65901 | 13:18:00 | D | 4.50 |
| 51 | FATEHABAD | TOHANA | S-NPP | 75.78644 | 29.65981 | 13:18:00 | D | 7.40 |
| 52 | FATEHABAD | TOHANA | S-NPP | 75.78501 | 29.65989 | 13:18:00 | D | 5.50 |
| 53 | FATEHABAD | TOHANA | S-NPP | 75.75960 | 29.73537 | 13:18:00 | D | 2.80 |
| 54 | FATEHABAD | TOHANA | S-NPP | 75.84097 | 29.74961 | 13:18:00 | D | 3.20 |
| 55 | FATEHABAD | TOHANA | S-NPP | 75.84966 | 29.77293 | 13:18:00 | D | 4.80 |
| 56 | FATEHABAD | TOHANA | S-NPP | 75.76106 | 29.77868 | 13:18:00 | D | 3.80 |
| 57 | FATEHABAD | TOHANA | AQUA | 75.81300 | 29.78100 | 13:25:00 | D | 19.70 |
| 58 | FATEHABAD | TOHANA | AQUA | 75.77600 | 29.80500 | 13:25:00 | D | 8.40 |
| 59 | FATEHABAD | TOHANA | S-NPP | 75.77722 | 29.81073 | 13:18:00 | D | 2.70 |
| 60 | HISAR | HANSI | AQUA | 75.92900 | 29.11000 | 13:25:00 | D | 12.40 |
| 61 | HISAR | HANSI | AQUA | 75.94200 | 29.11200 | 13:25:00 | D | 25.00 |
| 62 | HISAR | HANSI | S-NPP | 75.99847 | 29.19238 | 13:18:00 | D | 2.70 |
| 63 | HISAR | HISAR | AQUA | 75.71400 | 29.19700 | 13:25:00 | D | 10.00 |

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| 64 | HISAR | HISAR | S-NPP | 75.75304 | 29.39627 | 13:18:00 | D | 3.00 |
| 65 | HISAR | HISAR | S-NPP | 75.83382 | 29.48316 | 13:18:00 | D | 2.80 |
| 66 | JIND | JIND | S-NPP | 76.47745 | 29.29709 | 13:18:00 | D | 5.60 |
| 67 | JIND | JIND | S-NPP | 76.40780 | 29.46001 | 13:18:00 | D | 5.80 |
| 68 | JIND | JIND | S-NPP | 76.52212 | 29.46905 | 13:18:00 | D | 7.00 |
| 69 | JIND | NARWANA | S-NPP | 76.01893 | 29.49043 | 13:18:00 | D | 11.90 |
| 70 | JIND | NARWANA | S-NPP | 76.00843 | 29.49583 | 13:18:00 | D | 8.20 |
| 71 | JIND | NARWANA | S-NPP | 76.02517 | 29.52412 | 13:18:00 | D | 4.40 |
| 72 | JIND | NARWANA | AQUA | 75.96400 | 29.54800 | 13:25:00 | D | 7.90 |
| 73 | JIND | NARWANA | AQUA | 75.97000 | 29.55000 | 13:25:00 | D | 19.00 |
| 74 | JIND | NARWANA | AQUA | 75.97700 | 29.55000 | 13:25:00 | D | 13.20 |
| 75 | JIND | NARWANA | S-NPP | 76.04188 | 29.55237 | 13:18:00 | D | 6.40 |
| 76 | JIND | NARWANA | S-NPP | 75.97182 | 29.55467 | 13:18:00 | D | 24.80 |
| 77 | JIND | NARWANA | S-NPP | 76.10361 | 29.65010 | 13:18:00 | D | 3.50 |
| 78 | JIND | NARWANA | AQUA | 76.04800 | 29.69700 | 13:25:00 | D | 8.40 |
| 79 | JIND | NARWANA | S-NPP | 76.09444 | 29.73600 | 13:18:00 | D | 6.20 |
| 80 | JIND | NARWANA | S-NPP | 76.05878 | 29.75140 | 13:18:00 | D | 10.10 |
| 81 | JIND | SAFIDON | S-NPP | 76.43497 | 29.39175 | 13:18:00 | D | 4.30 |
| 82 | JIND | SAFIDON | S-NPP | 76.59378 | 29.44018 | 13:18:00 | D | 6.10 |
| 83 | KAITHAL | GUHLA | AQUA | 76.41600 | 29.91400 | 13:25:00 | D | 6.50 |
| 84 | KAITHAL | GUHLA | S-NPP | 76.33038 | 29.92491 | 13:18:00 | D | 6.50 |
| 85 | KAITHAL | GUHLA | AQUA | 76.25000 | 29.93600 | 13:25:00 | D | 10.80 |
| 86 | KAITHAL | GUHLA | S-NPP | 76.27802 | 29.93736 | 13:18:00 | D | 2.00 |
| 87 | KAITHAL | GUHLA | S-NPP | 76.24524 | 29.94247 | 13:18:00 | D | 0.60 |
| 88 | KAITHAL | GUHLA | AQUA | 76.24800 | 29.94500 | 13:25:00 | D | 12.80 |
| 89 | KAITHAL | GUHLA | S-NPP | 76.26700 | 29.94619 | 13:18:00 | D | 2.90 |
| 90 | KAITHAL | GUHLA | S-NPP | 76.27569 | 29.94767 | 13:18:00 | D | 4.30 |
| 91 | KAITHAL | GUHLA | S-NPP | 76.40150 | 29.94773 | 13:18:00 | D | 3.10 |
| 92 | KAITHAL | GUHLA | AQUA | 76.33400 | 29.95000 | 13:25:00 | D | 8.20 |
| 93 | KAITHAL | GUHLA | S-NPP | 76.27492 | 29.95111 | 13:18:00 | D | 7.30 |
| 94 | KAITHAL | GUHLA | AQUA | 76.34600 | 29.95200 | 13:25:00 | D | 11.50 |
| 95 | KAITHAL | GUHLA | S-NPP | 76.37254 | 29.95703 | 13:18:00 | D | 8.70 |
| 96 | KAITHAL | GUHLA | S-NPP | 76.25423 | 29.96738 | 13:18:00 | D | 8.40 |

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| 97 | KAITHAL | GUHLA | AQUA | 76.20800 | 29.98200 | 13:25:00 | D | 14.50 |
| 98 | KAITHAL | GUHLA | AQUA | 76.30400 | 29.99800 | 13:25:00 | D | 12.40 |
| 99 | KAITHAL | GUHLA | AQUA | 76.22800 | 30.00500 | 13:25:00 | D | 8.80 |
| 100 | KAITHAL | GUHLA | S-NPP | 76.30290 | 30.01147 | 13:18:00 | D | 5.20 |
| 101 | KAITHAL | GUHLA | S-NPP | 76.30212 | 30.01490 | 13:18:00 | D | 23.10 |
| 102 | KAITHAL | GUHLA | AQUA | 76.39600 | 30.03300 | 13:25:00 | D | 23.30 |
| 103 | KAITHAL | GUHLA | AQUA | 76.40700 | 30.03500 | 13:25:00 | D | 13.30 |
| 104 | KAITHAL | GUHLA | S-NPP | 76.31558 | 30.03503 | 13:18:00 | D | 2.40 |
| 105 | KAITHAL | GUHLA | AQUA | 76.29300 | 30.04600 | 13:25:00 | D | 7.20 |
| 106 | KAITHAL | GUHLA | S-NPP | 76.24940 | 30.04868 | 13:18:00 | D | 1.40 |
| 107 | KAITHAL | GUHLA | S-NPP | 76.29437 | 30.04922 | 13:18:00 | D | 1.90 |
| 108 | KAITHAL | GUHLA | AQUA | 76.40300 | 30.05400 | 13:25:00 | D | 32.10 |
| 109 | KAITHAL | GUHLA | S-NPP | 76.40467 | 30.05733 | 13:18:00 | D | 3.50 |
| 110 | KAITHAL | GUHLA | S-NPP | 76.42540 | 30.06440 | 13:18:00 | D | 4.10 |
| 111 | KAITHAL | GUHLA | S-NPP | 76.24366 | 30.07775 | 13:18:00 | D | 5.00 |
| 112 | KAITHAL | GUHLA | S-NPP | 76.38482 | 30.08592 | 13:18:00 | D | 6.20 |
| 113 | KAITHAL | GUHLA | S-NPP | 76.38512 | 30.08798 | 13:18:00 | D | 4.50 |
| 114 | KAITHAL | GUHLA | S-NPP | 76.24969 | 30.11092 | 13:18:00 | D | 14.80 |
| 115 | KAITHAL | GUHLA | AQUA | 76.24900 | 30.11100 | 13:25:00 | D | 5.00 |
| 116 | KAITHAL | GUHLA | S-NPP | 76.24892 | 30.11435 | 13:18:00 | D | 8.20 |
| 117 | KAITHAL | GUHLA | S-NPP | 76.43067 | 30.16320 | 13:18:00 | D | 2.90 |
| 118 | KAITHAL | KAITHAL | S-NPP | 76.49122 | 29.52779 | 13:18:00 | D | 8.00 |
| 119 | KAITHAL | KAITHAL | S-NPP | 76.47787 | 29.59188 | 13:18:00 | D | 2.70 |
| 120 | KAITHAL | KAITHAL | S-NPP | 76.50414 | 29.61416 | 13:18:00 | D | 2.00 |
| 121 | KAITHAL | KAITHAL | AQUA | 76.60800 | 29.73700 | 13:25:00 | D | 6.90 |
| 122 | KAITHAL | KAITHAL | S-NPP | 76.34791 | 29.78006 | 13:18:00 | D | 5.60 |
| 123 | KAITHAL | KAITHAL | S-NPP | 76.23989 | 29.81864 | 13:18:00 | D | 1.70 |
| 124 | KAITHAL | KAITHAL | S-NPP | 76.66355 | 29.82002 | 13:18:00 | D | 1.20 |
| 125 | KAITHAL | KAITHAL | S-NPP | 76.59259 | 29.82205 | 13:18:00 | D | 2.20 |
| 126 | KAITHAL | KAITHAL | S-NPP | 76.32611 | 29.83696 | 13:18:00 | D | 5.70 |
| 127 | KAITHAL | KAITHAL | S-NPP | 76.37730 | 29.84925 | 13:18:00 | D | 15.90 |
| 128 | KAITHAL | KAITHAL | S-NPP | 76.57572 | 29.85809 | 13:18:00 | D | 4.10 |
| 129 | KAITHAL | KAITHAL | AQUA | 76.52000 | 29.85900 | 13:25:00 | D | 12.00 |

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| 130 | KAITHAL | KAITHAL | AQUA | 76.53200 | 29.86100 | 13:25:00 | D | 8.60 |
| 131 | KAITHAL | KAITHAL | S-NPP | 76.55289 | 29.86130 | 13:18:00 | D | 11.00 |
| 132 | KAITHAL | KAITHAL | S-NPP | 76.53352 | 29.86864 | 13:18:00 | D | 2.30 |
| 133 | KAITHAL | KAITHAL | AQUA | 76.34300 | 29.87900 | 13:25:00 | D | 11.90 |
| 134 | KAITHAL | KAITHAL | S-NPP | 76.34476 | 29.88105 | 13:18:00 | D | 3.30 |
| 135 | KAITHAL | KAITHAL | AQUA | 76.39100 | 29.88700 | 13:25:00 | D | 14.40 |
| 136 | KAITHAL | KAITHAL | S-NPP | 76.39194 | 29.91054 | 13:18:00 | D | 11.20 |
| 137 | KAITHAL | KAITHAL | AQUA | 76.31700 | 29.91700 | 13:25:00 | D | 26.60 |
| 138 | KAITHAL | KAITHAL | S-NPP | 76.29494 | 29.92241 | 13:18:00 | D | 3.10 |
| 139 | KARNAL | ASSANDH | S-NPP | 76.53983 | 29.46301 | 13:18:00 | D | 2.80 |
| 140 | KARNAL | ASSANDH | S-NPP | 76.54079 | 29.46515 | 13:18:00 | D | 3.80 |
| 141 | KARNAL | ASSANDH | S-NPP | 76.62473 | 29.48668 | 13:18:00 | D | 2.40 |
| 142 | KARNAL | ASSANDH | S-NPP | 76.52386 | 29.50135 | 13:18:00 | D | 3.60 |
| 143 | KARNAL | ASSANDH | S-NPP | 76.53139 | 29.52752 | 13:18:00 | D | 2.30 |
| 144 | KARNAL | ASSANDH | S-NPP | 76.52634 | 29.53021 | 13:18:00 | D | 2.70 |
| 145 | KARNAL | ASSANDH | S-NPP | 76.55835 | 29.54630 | 13:18:00 | D | 16.10 |
| 146 | KARNAL | ASSANDH | S-NPP | 76.60584 | 29.57206 | 13:18:00 | D | 6.10 |
| 147 | KARNAL | ASSANDH | AQUA | 76.60200 | 29.57400 | 13:25:00 | D | 5.80 |
| 148 | KARNAL | ASSANDH | S-NPP | 76.70232 | 29.59842 | 13:18:00 | D | 15.20 |
| 149 | KARNAL | ASSANDH | S-NPP | 76.70143 | 29.59872 | 13:18:00 | D | 16.00 |
| 150 | KARNAL | ASSANDH | AQUA | 76.75300 | 29.60000 | 13:25:00 | D | 6.00 |
| 151 | KARNAL | ASSANDH | S-NPP | 76.70157 | 29.60183 | 13:18:00 | D | 15.20 |
| 152 | KARNAL | ASSANDH | S-NPP | 76.70082 | 29.60523 | 13:18:00 | D | 2.60 |
| 153 | KARNAL | ASSANDH | S-NPP | 76.75304 | 29.60708 | 13:18:00 | D | 2.80 |
| 154 | KARNAL | ASSANDH | S-NPP | 76.75645 | 29.60792 | 13:18:00 | D | 2.90 |
| 155 | KARNAL | ASSANDH | S-NPP | 76.73962 | 29.60832 | 13:18:00 | D | 2.20 |
| 156 | KARNAL | ASSANDH | S-NPP | 76.68935 | 29.61740 | 13:18:00 | D | 26.00 |
| 157 | KARNAL | ASSANDH | S-NPP | 76.67059 | 29.64248 | 13:18:00 | D | 30.00 |
| 158 | KARNAL | ASSANDH | AQUA | 76.68300 | 29.64700 | 13:25:00 | D | 7.30 |
| 159 | KARNAL | ASSANDH | AQUA | 76.70600 | 29.65000 | 13:25:00 | D | 6.20 |
| 160 | KARNAL | ASSANDH | S-NPP | 76.68531 | 29.65557 | 13:18:00 | D | 4.70 |
| 161 | KARNAL | GHARAUNDA | S-NPP | 77.04508 | 29.47390 | 13:18:00 | D | 4.10 |
| 162 | KARNAL | GHARAUNDA | S-NPP | 77.04143 | 29.49078 | 13:18:00 | D | 2.50 |

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| 163 | KARNAL | GHARAUNDA | S-NPP | 76.94211 | 29.53031 | 13:18:00 | D | 27.30 |
| 164 | KARNAL | GHARAUNDA | S-NPP | 76.94258 | 29.53370 | 13:18:00 | D | 25.60 |
| 165 | KARNAL | GHARAUNDA | S-NPP | 77.03384 | 29.54549 | 13:18:00 | D | 2.80 |
| 166 | KARNAL | GHARAUNDA | S-NPP | 77.03496 | 29.54576 | 13:18:00 | D | 2.90 |
| 167 | KARNAL | GHARAUNDA | S-NPP | 76.81704 | 29.55117 | 13:18:00 | D | 3.30 |
| 168 | KARNAL | GHARAUNDA | S-NPP | 76.84721 | 29.55274 | 13:18:00 | D | 2.00 |
| 169 | KARNAL | GHARAUNDA | S-NPP | 77.04646 | 29.57217 | 13:18:00 | D | 1.90 |
| 170 | KARNAL | GHARAUNDA | AQUA | 77.06800 | 29.58800 | 13:25:00 | D | 9.40 |
| 171 | KARNAL | GHARAUNDA | AQUA | 76.80100 | 29.59800 | 13:25:00 | D | 6.20 |
| 172 | KARNAL | INDRI | S-NPP | 77.15022 | 29.81039 | 13:18:00 | D | 2.80 |
| 173 | KARNAL | INDRI | S-NPP | 77.14780 | 29.84131 | 13:18:00 | D | 1.80 |
| 174 | KARNAL | INDRI | S-NPP | 77.06974 | 29.84583 | 13:18:00 | D | 3.10 |
| 175 | KARNAL | INDRI | S-NPP | 77.06284 | 29.88039 | 13:18:00 | D | 4.30 |
| 176 | KARNAL | INDRI | S-NPP | 77.06746 | 29.89859 | 13:18:00 | D | 2.40 |
| 177 | KARNAL | INDRI | S-NPP | 77.05455 | 29.93827 | 13:18:00 | D | 3.50 |
| 178 | KARNAL | KARNAL | AQUA | 76.81300 | 29.60000 | 13:25:00 | D | 9.20 |
| 179 | KARNAL | KARNAL | S-NPP | 76.81007 | 29.60279 | 13:18:00 | D | 26.80 |
| 180 | KARNAL | KARNAL | S-NPP | 76.80933 | 29.60619 | 13:18:00 | D | 8.00 |
| 181 | KARNAL | KARNAL | S-NPP | 76.82962 | 29.61309 | 13:18:00 | D | 11.30 |
| 182 | KARNAL | KARNAL | S-NPP | 77.05843 | 29.61611 | 13:18:00 | D | 2.50 |
| 183 | KARNAL | KARNAL | AQUA | 76.95000 | 29.62200 | 13:25:00 | D | 7.20 |
| 184 | KARNAL | KARNAL | AQUA | 76.96100 | 29.62400 | 13:25:00 | D | 5.20 |
| 185 | KARNAL | KARNAL | S-NPP | 76.88348 | 29.62556 | 13:18:00 | D | 3.20 |
| 186 | KARNAL | KARNAL | S-NPP | 76.87081 | 29.62709 | 13:18:00 | D | 2.10 |
| 187 | KARNAL | KARNAL | S-NPP | 76.78728 | 29.63051 | 13:18:00 | D | 7.40 |
| 188 | KARNAL | KARNAL | S-NPP | 76.95609 | 29.63060 | 13:18:00 | D | 10.20 |
| 189 | KARNAL | KARNAL | S-NPP | 77.02006 | 29.63421 | 13:18:00 | D | 2.70 |
| 190 | KARNAL | KARNAL | S-NPP | 76.96639 | 29.64282 | 13:18:00 | D | 3.60 |
| 191 | KARNAL | KARNAL | S-NPP | 76.96696 | 29.64333 | 13:18:00 | D | 3.30 |
| 192 | KARNAL | KARNAL | S-NPP | 76.76988 | 29.66983 | 13:18:00 | D | 5.50 |
| 193 | KARNAL | KARNAL | S-NPP | 76.81350 | 29.67013 | 13:18:00 | D | 4.00 |
| 194 | KARNAL | KARNAL | S-NPP | 77.05134 | 29.67149 | 13:18:00 | D | 4.10 |
| 195 | KARNAL | KARNAL | S-NPP | 76.81275 | 29.67352 | 13:18:00 | D | 3.20 |

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| 196 | KARNAL | KARNAL | S-NPP | 77.04987 | 29.67822 | 13:18:00 | D | 2.10 |
| 197 | KARNAL | KARNAL | S-NPP | 76.71967 | 29.67900 | 13:18:00 | D | 8.50 |
| 198 | KARNAL | KARNAL | AQUA | 77.08900 | 29.68300 | 13:25:00 | D | 7.60 |
| 199 | KARNAL | KARNAL | AQUA | 77.04000 | 29.69500 | 13:25:00 | D | 4.60 |
| 200 | KARNAL | KARNAL | S-NPP | 76.73782 | 29.69615 | 13:18:00 | D | 4.10 |
| 201 | KARNAL | KARNAL | S-NPP | 76.79416 | 29.69854 | 13:18:00 | D | 2.50 |
| 202 | KARNAL | KARNAL | S-NPP | 76.75893 | 29.69969 | 13:18:00 | D | 3.80 |
| 203 | KARNAL | KARNAL | AQUA | 76.73700 | 29.70000 | 13:25:00 | D | 17.50 |
| 204 | KARNAL | KARNAL | AQUA | 76.74800 | 29.70200 | 13:25:00 | D | 7.50 |
| 205 | KARNAL | KARNAL | S-NPP | 76.72907 | 29.71862 | 13:18:00 | D | 3.50 |
| 206 | KARNAL | KARNAL | AQUA | 76.80400 | 29.72100 | 13:25:00 | D | 7.60 |
| 207 | KARNAL | KARNAL | S-NPP | 76.80652 | 29.72170 | 13:18:00 | D | 5.90 |
| 208 | KARNAL | KARNAL | S-NPP | 76.86115 | 29.73079 | 13:18:00 | D | 2.10 |
| 209 | KARNAL | KARNAL | AQUA | 77.03500 | 29.73900 | 13:25:00 | D | 4.80 |
| 210 | KARNAL | KARNAL | S-NPP | 77.10011 | 29.76332 | 13:18:00 | D | 4.20 |
| 211 | KARNAL | KARNAL | S-NPP | 77.09524 | 29.76600 | 13:18:00 | D | 4.20 |
| 212 | KARNAL | KARNAL | AQUA | 76.98500 | 29.80800 | 13:25:00 | D | 7.00 |
| 213 | KARNAL | KARNAL | S-NPP | 76.98280 | 29.81047 | 13:18:00 | D | 5.30 |
| 214 | KARNAL | NILOKHERI | AQUA | 76.97400 | 29.80600 | 13:25:00 | D | 6.20 |
| 215 | KARNAL | NILOKHERI | AQUA | 76.97900 | 29.81200 | 13:25:00 | D | 10.50 |
| 216 | KARNAL | NILOKHERI | S-NPP | 76.84810 | 29.81253 | 13:18:00 | D | 2.10 |
| 217 | KARNAL | NILOKHERI | S-NPP | 76.96735 | 29.86439 | 13:18:00 | D | 3.70 |
| 218 | KURUKSHETRA | PEHOWA | S-NPP | 76.53929 | 29.92866 | 13:18:00 | D | 8.20 |
| 219 | KURUKSHETRA | PEHOWA | S-NPP | 76.49551 | 29.94599 | 13:18:00 | D | 4.50 |
| 220 | KURUKSHETRA | PEHOWA | S-NPP | 76.60212 | 29.96408 | 13:18:00 | D | 2.70 |
| 221 | KURUKSHETRA | PEHOWA | AQUA | 76.52600 | 29.97200 | 13:25:00 | D | 8.00 |
| 222 | KURUKSHETRA | PEHOWA | S-NPP | 76.50300 | 29.97206 | 13:18:00 | D | 4.20 |
| 223 | KURUKSHETRA | PEHOWA | S-NPP | 76.56429 | 29.97534 | 13:18:00 | D | 9.30 |
| 224 | KURUKSHETRA | PEHOWA | S-NPP | 76.68615 | 29.98179 | 13:18:00 | D | 2.00 |
| 225 | KURUKSHETRA | PEHOWA | S-NPP | 76.68013 | 30.00895 | 13:18:00 | D | 7.50 |
| 226 | KURUKSHETRA | PEHOWA | S-NPP | 76.60866 | 30.01778 | 13:18:00 | D | 2.00 |
| 227 | KURUKSHETRA | PEHOWA | S-NPP | 76.55111 | 30.01853 | 13:18:00 | D | 2.90 |
| 228 | KURUKSHETRA | PEHOWA | AQUA | 76.50800 | 30.02300 | 13:25:00 | D | 7.10 |

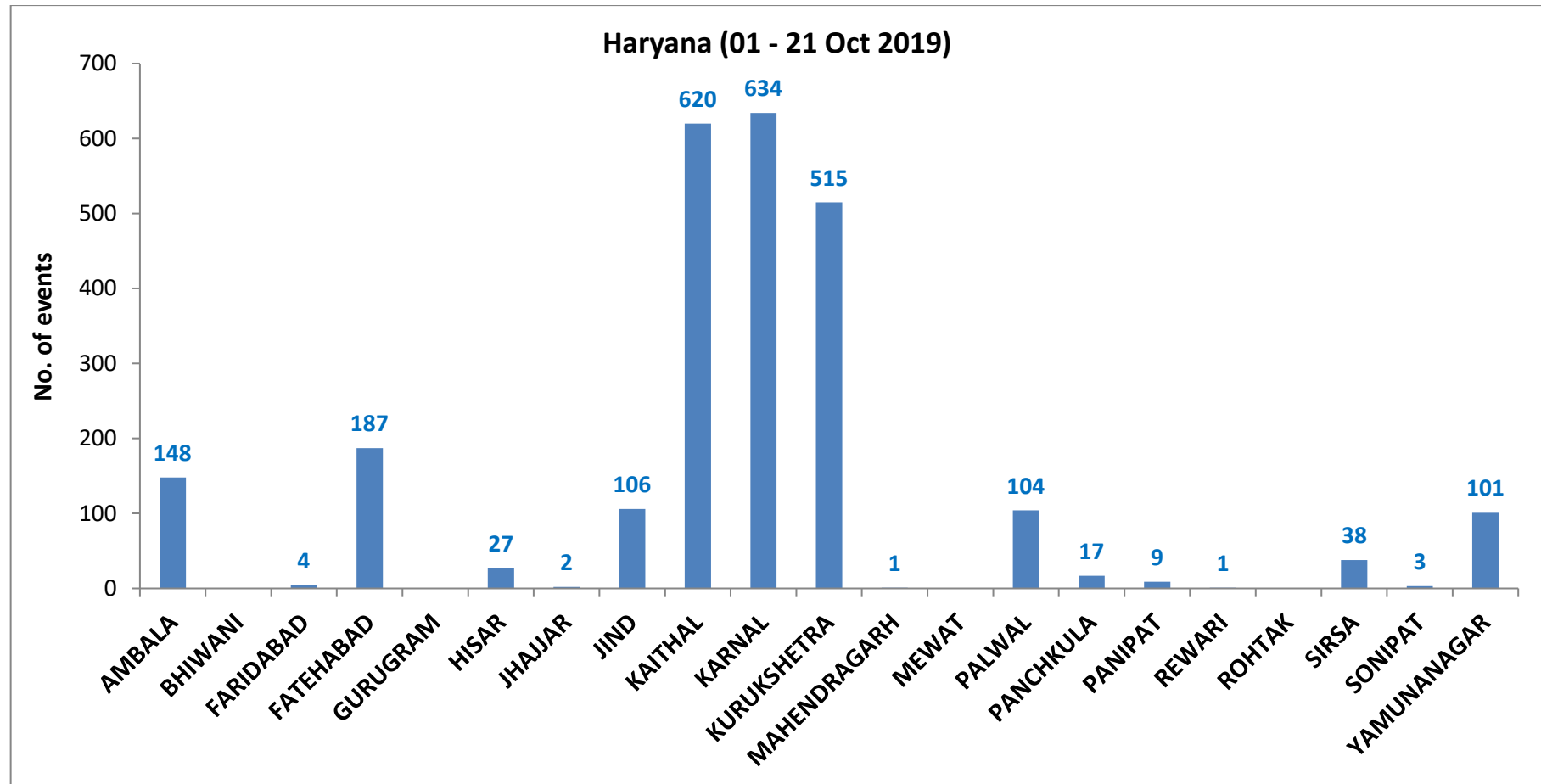
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|-----|-------------|----------|-------|----------|----------|----------|---|-------|
| 229 | KURUKSHETRA | PEHOWA | AQUA | 76.65100 | 30.03600 | 13:25:00 | D | 10.80 |
| 230 | KURUKSHETRA | PEHOWA | S-NPP | 76.65226 | 30.03931 | 13:18:00 | D | 25.90 |
| 231 | KURUKSHETRA | PEHOWA | S-NPP | 76.63805 | 30.04394 | 13:18:00 | D | 6.10 |
| 232 | KURUKSHETRA | PEHOWA | S-NPP | 76.64577 | 30.04878 | 13:18:00 | D | 7.50 |
| 233 | KURUKSHETRA | PEHOWA | S-NPP | 76.48144 | 30.05265 | 13:18:00 | D | 4.50 |
| 234 | KURUKSHETRA | PEHOWA | S-NPP | 76.60307 | 30.06269 | 13:18:00 | D | 3.50 |
| 235 | KURUKSHETRA | PEHOWA | S-NPP | 76.49976 | 30.06993 | 13:18:00 | D | 6.80 |
| 236 | KURUKSHETRA | PEHOWA | S-NPP | 76.63474 | 30.07863 | 13:18:00 | D | 7.10 |
| 237 | KURUKSHETRA | PEHOWA | AQUA | 76.71700 | 30.11500 | 13:25:00 | D | 8.10 |
| 238 | KURUKSHETRA | PEHOWA | AQUA | 76.72800 | 30.11700 | 13:25:00 | D | 7.40 |
| 239 | KURUKSHETRA | PEHOWA | AQUA | 76.70300 | 30.12300 | 13:25:00 | D | 19.20 |
| 240 | KURUKSHETRA | PEHOWA | S-NPP | 76.71252 | 30.12336 | 13:18:00 | D | 18.90 |
| 241 | KURUKSHETRA | PEHOWA | AQUA | 76.71500 | 30.12500 | 13:25:00 | D | 24.30 |
| 242 | KURUKSHETRA | PEHOWA | S-NPP | 76.70755 | 30.12604 | 13:18:00 | D | 9.30 |
| 243 | KURUKSHETRA | PEHOWA | S-NPP | 76.71177 | 30.12674 | 13:18:00 | D | 9.30 |
| 244 | KURUKSHETRA | PEHOWA | S-NPP | 76.70951 | 30.13691 | 13:18:00 | D | 3.50 |
| 245 | KURUKSHETRA | PEHOWA | S-NPP | 76.70876 | 30.14029 | 13:18:00 | D | 4.80 |
| 246 | KURUKSHETRA | PEHOWA | S-NPP | 76.75076 | 30.15050 | 13:18:00 | D | 8.30 |
| 247 | KURUKSHETRA | PEHOWA | S-NPP | 76.75015 | 30.15070 | 13:18:00 | D | 7.90 |
| 248 | KURUKSHETRA | PEHOWA | S-NPP | 76.69151 | 30.16155 | 13:18:00 | D | 1.80 |
| 249 | KURUKSHETRA | PEHOWA | S-NPP | 76.73019 | 30.16458 | 13:18:00 | D | 8.80 |
| 250 | KURUKSHETRA | SHAHABAD | S-NPP | 76.96942 | 30.15906 | 13:18:00 | D | 1.50 |
| 251 | KURUKSHETRA | SHAHABAD | S-NPP | 76.88655 | 30.16281 | 13:18:00 | D | 4.10 |
| 252 | KURUKSHETRA | SHAHABAD | S-NPP | 76.76160 | 30.18040 | 13:18:00 | D | 2.30 |
| 253 | KURUKSHETRA | SHAHABAD | S-NPP | 76.77689 | 30.18999 | 13:18:00 | D | 5.60 |
| 254 | KURUKSHETRA | SHAHABAD | AQUA | 76.87200 | 30.19400 | 13:25:00 | D | 7.10 |
| 255 | KURUKSHETRA | SHAHABAD | AQUA | 76.82800 | 30.23500 | 13:25:00 | D | 18.60 |
| 256 | KURUKSHETRA | SHAHABAD | S-NPP | 76.83157 | 30.23766 | 13:18:00 | D | 6.80 |
| 257 | KURUKSHETRA | SHAHABAD | S-NPP | 76.83083 | 30.24103 | 13:18:00 | D | 11.10 |
| 258 | KURUKSHETRA | THANESAR | S-NPP | 76.79877 | 29.88163 | 13:18:00 | D | 1.50 |
| 259 | KURUKSHETRA | THANESAR | S-NPP | 76.76806 | 29.96746 | 13:18:00 | D | 4.40 |
| 260 | KURUKSHETRA | THANESAR | S-NPP | 76.88546 | 29.98720 | 13:18:00 | D | 1.50 |
| 261 | KURUKSHETRA | THANESAR | AQUA | 76.73600 | 30.00600 | 13:25:00 | D | 6.80 |

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|-----|-------------|----------|-------|----------|----------|----------|---|-------|
| 262 | KURUKSHETRA | THANESAR | S-NPP | 76.73306 | 30.00726 | 13:18:00 | D | 4.80 |
| 263 | KURUKSHETRA | THANESAR | S-NPP | 76.70745 | 30.02407 | 13:18:00 | D | 3.00 |
| 264 | KURUKSHETRA | THANESAR | S-NPP | 76.70670 | 30.02747 | 13:18:00 | D | 3.00 |
| 265 | KURUKSHETRA | THANESAR | S-NPP | 76.96636 | 30.03216 | 13:18:00 | D | 5.00 |
| 266 | KURUKSHETRA | THANESAR | S-NPP | 76.68609 | 30.04506 | 13:18:00 | D | 4.90 |
| 267 | KURUKSHETRA | THANESAR | S-NPP | 76.72977 | 30.04543 | 13:18:00 | D | 4.30 |
| 268 | KURUKSHETRA | THANESAR | AQUA | 76.74300 | 30.05200 | 13:25:00 | D | 9.60 |
| 269 | KURUKSHETRA | THANESAR | S-NPP | 77.02647 | 30.05258 | 13:18:00 | D | 2.20 |
| 270 | KURUKSHETRA | THANESAR | AQUA | 76.89000 | 30.06000 | 13:25:00 | D | 7.50 |
| 271 | KURUKSHETRA | THANESAR | S-NPP | 76.88643 | 30.06488 | 13:18:00 | D | 6.30 |
| 272 | KURUKSHETRA | THANESAR | S-NPP | 76.71957 | 30.07183 | 13:18:00 | D | 4.90 |
| 273 | KURUKSHETRA | THANESAR | S-NPP | 76.90850 | 30.08257 | 13:18:00 | D | 2.50 |
| 274 | KURUKSHETRA | THANESAR | S-NPP | 76.74756 | 30.08357 | 13:18:00 | D | 2.40 |
| 275 | KURUKSHETRA | THANESAR | AQUA | 76.75800 | 30.09300 | 13:25:00 | D | 6.70 |
| 276 | KURUKSHETRA | THANESAR | S-NPP | 77.00854 | 30.13765 | 13:18:00 | D | 2.00 |
| 277 | PALWAL | HATHIN | S-NPP | 77.26255 | 28.03042 | 13:18:00 | D | 4.20 |
| 278 | PALWAL | HODAL | S-NPP | 77.39838 | 27.87044 | 13:18:00 | D | 2.90 |
| 279 | PALWAL | HODAL | S-NPP | 77.45634 | 27.87677 | 13:18:00 | D | 3.60 |
| 280 | PALWAL | HODAL | AQUA | 77.44000 | 27.88000 | 13:25:00 | D | 6.90 |
| 281 | PALWAL | HODAL | S-NPP | 77.43739 | 27.88750 | 13:18:00 | D | 3.00 |
| 282 | PALWAL | HODAL | AQUA | 77.42300 | 27.90600 | 13:25:00 | D | 8.90 |
| 283 | PALWAL | HODAL | S-NPP | 77.42348 | 27.91321 | 13:18:00 | D | 2.90 |
| 284 | PALWAL | HODAL | S-NPP | 77.46118 | 27.91599 | 13:18:00 | D | 9.10 |
| 285 | PALWAL | HODAL | S-NPP | 77.42278 | 27.91660 | 13:18:00 | D | 2.90 |
| 286 | PALWAL | HODAL | S-NPP | 77.44744 | 27.92070 | 13:18:00 | D | 2.20 |
| 287 | PALWAL | HODAL | S-NPP | 77.43227 | 27.93219 | 13:18:00 | D | 2.10 |
| 288 | PALWAL | HODAL | S-NPP | 77.52869 | 27.93769 | 13:18:00 | D | 69.60 |
| 289 | PALWAL | HODAL | S-NPP | 77.51910 | 27.94309 | 13:18:00 | D | 5.30 |
| 290 | PALWAL | HODAL | AQUA | 77.48400 | 27.94500 | 13:25:00 | D | 7.50 |
| 291 | PALWAL | HODAL | S-NPP | 77.53136 | 27.94512 | 13:18:00 | D | 2.80 |
| 292 | PALWAL | HODAL | S-NPP | 77.49312 | 27.94578 | 13:18:00 | D | 4.20 |
| 293 | PALWAL | HODAL | S-NPP | 77.51839 | 27.94647 | 13:18:00 | D | 5.30 |
| 294 | PALWAL | HODAL | S-NPP | 77.44926 | 27.95251 | 13:18:00 | D | 1.60 |

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|-----|-------------|---------------|---------|----------|----------|----------|---|-------|
| 295 | PALWAL | HODAL | S-NPP | 77.49100 | 27.95592 | 13:18:00 | D | 1.30 |
| 296 | PALWAL | HODAL | S-NPP | 77.43820 | 27.96468 | 13:18:00 | D | 2.70 |
| 297 | PALWAL | HODAL | AQUA | 77.44900 | 27.97400 | 13:25:00 | D | 6.10 |
| 298 | PALWAL | PALWAL | S-NPP | 77.39431 | 28.03481 | 13:18:00 | D | 2.80 |
| 299 | PALWAL | PALWAL | S-NPP | 77.39810 | 28.07746 | 13:18:00 | D | 7.80 |
| 300 | PALWAL | PALWAL | S-NPP | 77.36012 | 28.15858 | 13:18:00 | D | 2.60 |
| 301 | PALWAL | PALWAL | S-NPP | 77.35270 | 28.19973 | 13:18:00 | D | 2.20 |
| 302 | PALWAL | PALWAL | S-NPP | 77.36505 | 28.20180 | 13:18:00 | D | 2.80 |
| 303 | PANCHKULA | PANCHKULA | S-NPP | 76.97631 | 30.61238 | 13:18:00 | D | 1.00 |
| 304 | PANIPAT | ISRANA | S-NPP | 76.86673 | 29.27215 | 13:18:00 | D | 5.20 |
| 305 | PANIPAT | PANIPAT | METOP-2 | 76.80590 | 29.42754 | 20:12:00 | N | 7.00 |
| 306 | PANIPAT | SAMALKHA | S-NPP | 77.13768 | 29.38038 | 13:18:00 | D | 3.00 |
| 307 | SIRSA | RANIA | S-NPP | 74.76834 | 29.50790 | 13:18:00 | D | 7.50 |
| 308 | SIRSA | RANIA | S-NPP | 74.86945 | 29.51902 | 13:18:00 | D | 3.70 |
| 309 | SIRSA | RANIA | S-NPP | 74.59368 | 29.56880 | 13:18:00 | D | 5.70 |
| 310 | SIRSA | SIRSA | AQUA | 75.03600 | 29.48800 | 13:25:00 | D | 8.80 |
| 311 | SIRSA | SIRSA | S-NPP | 75.10855 | 29.56310 | 13:18:00 | D | 3.70 |
| 312 | SIRSA | SIRSA | S-NPP | 75.11137 | 29.59373 | 13:18:00 | D | 4.00 |
| 313 | SIRSA | SIRSA | S-NPP | 75.13287 | 29.60892 | 13:18:00 | D | 4.60 |
| 314 | SIRSA | SIRSA | S-NPP | 75.06566 | 29.64999 | 02:00:00 | N | 0.80 |
| 315 | SIRSA | SIRSA | S-NPP | 75.18458 | 29.69712 | 13:18:00 | D | 5.20 |
| 316 | SIRSA | SIRSA | S-NPP | 75.19665 | 29.80117 | 13:18:00 | D | 3.10 |
| 317 | SIRSA | SIRSA | S-NPP | 75.00909 | 29.86065 | 13:18:00 | D | 5.00 |
| 318 | SIRSA | SIRSA | S-NPP | 75.08224 | 29.87035 | 13:18:00 | D | 4.50 |
| 319 | YAMUNANAGAR | CHHACHHRAULII | S-NPP | 77.43173 | 30.26716 | 13:18:00 | D | 2.30 |
| 320 | YAMUNANAGAR | JAGADHRI | S-NPP | 77.24790 | 30.01173 | 13:18:00 | D | 3.70 |
| 321 | YAMUNANAGAR | JAGADHRI | S-NPP | 77.19436 | 30.02816 | 13:18:00 | D | 7.10 |
| 322 | YAMUNANAGAR | JAGADHRI | S-NPP | 77.11850 | 30.10251 | 13:18:00 | D | 32.70 |
| 323 | YAMUNANAGAR | JAGADHRI | S-NPP | 77.11468 | 30.10307 | 13:18:00 | D | 73.90 |
| 324 | YAMUNANAGAR | JAGADHRI | S-NPP | 77.11880 | 30.10375 | 13:18:00 | D | 23.90 |
| 325 | YAMUNANAGAR | JAGADHRI | S-NPP | 77.09961 | 30.15271 | 13:18:00 | D | 4.40 |
| 326 | YAMUNANAGAR | JAGADHRI | AQUA | 77.13500 | 30.18300 | 13:25:00 | D | 10.40 |
| 327 | YAMUNANAGAR | JAGADHRI | AQUA | 77.12200 | 30.19000 | 13:25:00 | D | 10.50 |

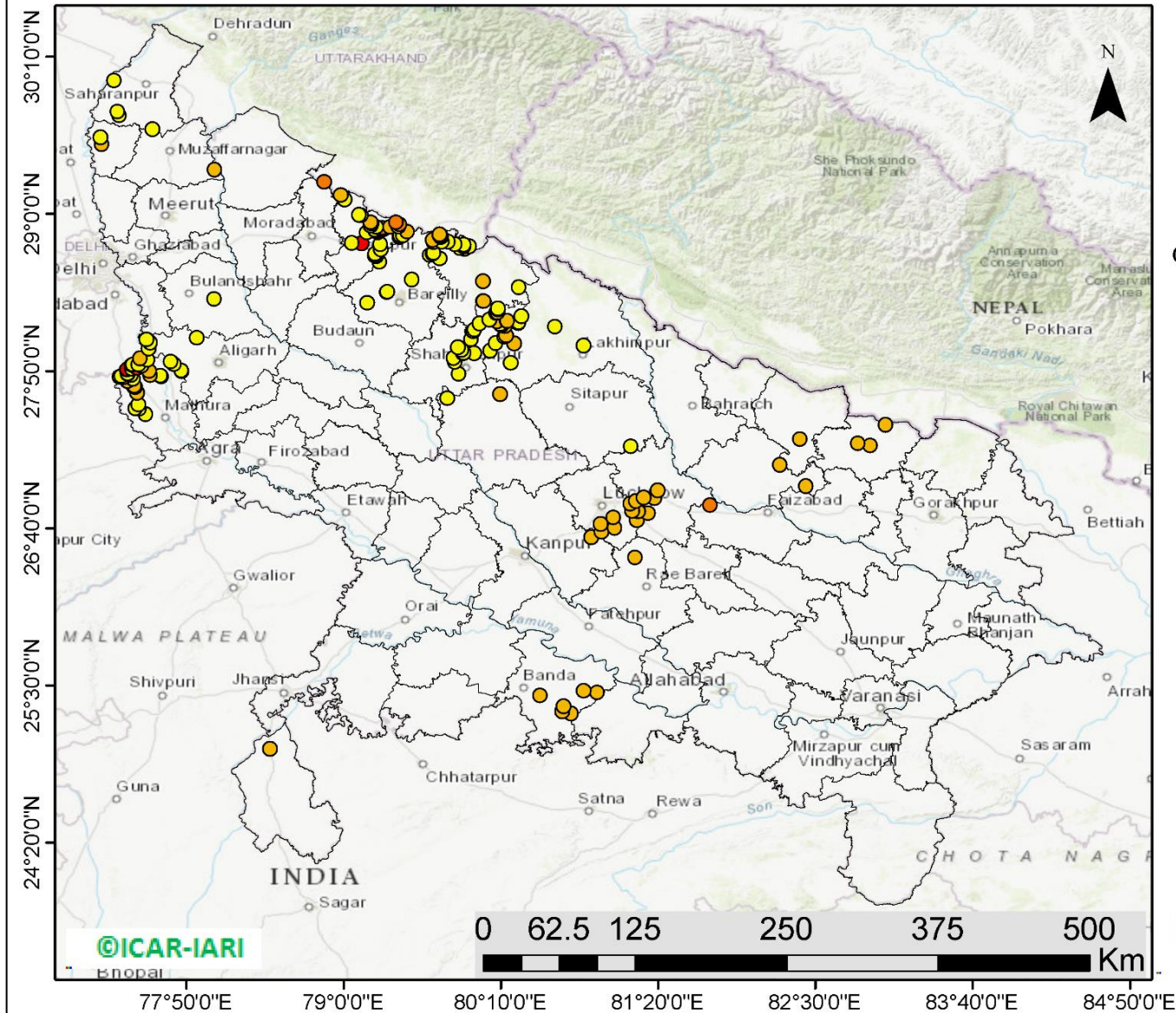
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|-----|-------------|----------|-------|----------|----------|----------|---|-------|
| 328 | YAMUNANAGAR | JAGADHRI | S-NPP | 77.12535 | 30.19169 | 13:18:00 | D | 4.60 |
| 329 | YAMUNANAGAR | JAGADHRI | S-NPP | 77.17215 | 30.19242 | 13:18:00 | D | 24.30 |
| 330 | YAMUNANAGAR | JAGADHRI | S-NPP | 77.09352 | 30.20037 | 13:18:00 | D | 1.60 |
| 331 | YAMUNANAGAR | JAGADHRI | S-NPP | 77.11004 | 30.20307 | 13:18:00 | D | 3.00 |
| 332 | YAMUNANAGAR | JAGADHRI | S-NPP | 77.27001 | 30.21186 | 13:18:00 | D | 3.00 |
| 333 | YAMUNANAGAR | JAGADHRI | S-NPP | 77.26085 | 30.23460 | 13:18:00 | D | 5.60 |
| 334 | YAMUNANAGAR | JAGADHRI | S-NPP | 77.26096 | 30.23572 | 13:18:00 | D | 6.50 |
| 335 | YAMUNANAGAR | JAGADHRI | S-NPP | 77.25879 | 30.24574 | 13:18:00 | D | 4.10 |
| 336 | YAMUNANAGAR | JAGADHRI | S-NPP | 77.22284 | 30.27447 | 13:18:00 | D | 1.50 |
| 337 | YAMUNANAGAR | JAGADHRI | S-NPP | 77.23735 | 30.32530 | 13:18:00 | D | 2.00 |
| 338 | YAMUNANAGAR | JAGADHRI | S-NPP | 77.19337 | 30.35429 | 13:18:00 | D | 3.60 |
| 339 | YAMUNANAGAR | JAGADHRI | S-NPP | 77.20133 | 30.43522 | 13:18:00 | D | 3.00 |

District-wise cumulative number of residue burning events in Haryana (01 to 21-Oct 2019)



(c) UP

RICE RESIDUE BURNING IN UTTAR PRADESH



185 burning events detected in Uttar Pradesh on 21st October 2019

Fire Intensity (W/m²)

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



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

Details of residue burning events in Uttar Pradesh on 21-Oct-2019

| S. No. | District | Tehsil / Block | Satellite | Longitude | Latitude | Time (IST) | Day / Night | Fire Power (W/m ²) |
|--------|-----------|----------------|-----------|-----------|----------|------------|-------------|--------------------------------|
| 1 | ALIGARH | GABHANA | S-NPP | 77.91031 | 28.07810 | 13:18:00 | D | 4.50 |
| 2 | ALIGARH | IGLAS | S-NPP | 77.79894 | 27.82869 | 13:18:00 | D | 2.10 |
| 3 | ALIGARH | IGLAS | S-NPP | 77.79491 | 27.83524 | 02:00:00 | N | 0.60 |
| 4 | ALIGARH | KHAIR | S-NPP | 77.55347 | 28.00111 | 13:18:00 | D | 3.30 |
| 5 | ALIGARH | KHAIR | S-NPP | 77.56583 | 28.04578 | 13:18:00 | D | 2.40 |
| 6 | ALIGARH | KHAIR | S-NPP | 77.53641 | 28.06533 | 13:18:00 | D | 2.30 |
| 7 | BALRAMPUR | UTRAULA | NOAA-19 | 82.38547 | 27.32728 | 06:30:00 | N | 6.00 |
| 8 | BANDA | ATARRA | NOAA-19 | 80.68889 | 25.28990 | 06:30:00 | N | 7.00 |
| 9 | BANDA | ATARRA | NOAA-19 | 80.62095 | 25.30787 | 06:30:00 | N | 6.00 |
| 10 | BANDA | ATARRA | NOAA-19 | 80.63260 | 25.34559 | 06:30:00 | N | 7.00 |
| 11 | BANDA | ATARRA | NOAA-19 | 80.45953 | 25.42244 | 06:30:00 | N | 7.77 |
| 12 | BANDA | BABERU | NOAA-19 | 80.88141 | 25.44747 | 06:30:00 | N | 7.53 |
| 13 | BANDA | BABERU | NOAA-19 | 80.78085 | 25.45923 | 06:30:00 | N | 6.00 |
| 14 | BARABANKI | NAWABGANJ | NOAA-19 | 81.25765 | 26.77751 | 06:30:00 | N | 7.56 |
| 15 | BARABANKI | NAWABGANJ | NOAA-19 | 81.18486 | 26.79098 | 06:30:00 | N | 8.00 |
| 16 | BARABANKI | NAWABGANJ | NOAA-19 | 81.12662 | 26.84937 | 06:30:00 | N | 6.00 |
| 17 | BARABANKI | NAWABGANJ | NOAA-19 | 81.17030 | 26.86734 | 06:30:00 | N | 9.00 |
| 18 | BARABANKI | NAWABGANJ | NOAA-19 | 81.30549 | 26.89108 | 06:30:00 | N | 7.36 |
| 19 | BARABANKI | NAWABGANJ | NOAA-19 | 81.22659 | 26.89249 | 06:30:00 | N | 7.00 |
| 20 | BARABANKI | NAWABGANJ | NOAA-19 | 81.32906 | 26.94626 | 06:30:00 | N | 6.64 |
| 21 | BAREILLY | AONLA | S-NPP | 79.17421 | 28.33883 | 13:18:00 | D | 2.50 |
| 22 | BAREILLY | BAHERI | AQUA | 79.66800 | 28.79100 | 13:25:00 | D | 9.20 |
| 23 | BAREILLY | BAHERI | S-NPP | 79.66861 | 28.79170 | 13:18:00 | D | 1.60 |
| 24 | BAREILLY | BAHERI | S-NPP | 79.66154 | 28.80766 | 13:18:00 | D | 8.10 |
| 25 | BAREILLY | BAHERI | AQUA | 79.41600 | 28.82900 | 13:25:00 | D | 7.10 |
| 26 | BAREILLY | BAHERI | S-NPP | 79.41756 | 28.83595 | 13:18:00 | D | 1.80 |
| 27 | BAREILLY | BAHERI | S-NPP | 79.42148 | 28.83654 | 13:18:00 | D | 4.50 |
| 28 | BAREILLY | BAHERI | S-NPP | 79.44063 | 28.84208 | 13:18:00 | D | 2.70 |
| 29 | BAREILLY | BAHERI | AQUA | 79.47200 | 28.86500 | 13:25:00 | D | 5.90 |
| 30 | BAREILLY | MIRGANJ | AQUA | 79.32100 | 28.41900 | 13:25:00 | D | 6.00 |

| | | | | | | | | |
|----|-------------|---------------|---------|----------|----------|----------|---|-------|
| 31 | BAREILLY | MIRGANJ | S-NPP | 79.32291 | 28.42192 | 13:18:00 | D | 2.90 |
| 32 | BAREILLY | MIRGANJ | S-NPP | 79.26482 | 28.64333 | 13:18:00 | D | 2.20 |
| 33 | BAREILLY | NAWABGANJ | S-NPP | 79.50706 | 28.51079 | 13:18:00 | D | 4.10 |
| 34 | BULANDSAHAR | ANUP SHAHR | S-NPP | 78.03800 | 28.36767 | 13:18:00 | D | 4.10 |
| 35 | FAIZABAD | RUDAULI | NOAA-19 | 81.71868 | 26.83815 | 06:30:00 | N | 11.00 |
| 36 | GONDA | MANKAPUR | NOAA-19 | 82.42903 | 26.97795 | 06:30:00 | N | 8.88 |
| 37 | GONDA | MANKAPUR | NOAA-19 | 82.23845 | 27.13740 | 06:30:00 | N | 9.50 |
| 38 | HARDOI | SHAHABAD | S-NPP | 80.15951 | 27.66353 | 13:18:00 | D | 5.30 |
| 39 | HARDOI | SIWAIJPUR | S-NPP | 79.76921 | 27.62967 | 13:18:00 | D | 2.80 |
| 40 | KHERI | GOLA | S-NPP | 80.56892 | 28.16162 | 13:18:00 | D | 2.00 |
| 41 | KHERI | GOLA | S-NPP | 80.31773 | 28.24084 | 13:18:00 | D | 2.50 |
| 42 | KHERI | LAKHIMPUR | S-NPP | 80.78175 | 28.02388 | 13:18:00 | D | 2.00 |
| 43 | KHERI | MOHMADI | S-NPP | 80.23858 | 27.89128 | 13:18:00 | D | 1.60 |
| 44 | KHERI | MOHMADI | AQUA | 80.26500 | 28.03800 | 13:25:00 | D | 6.00 |
| 45 | LALITPUR | TALBEHAT | NOAA-19 | 78.45405 | 25.02836 | 06:30:00 | N | 6.00 |
| 46 | LUCKNOW | LUCKNOW | NOAA-19 | 80.90604 | 26.69707 | 06:30:00 | N | 6.64 |
| 47 | LUCKNOW | MOHANLAL GANJ | NOAA-19 | 80.91309 | 26.64052 | 06:30:00 | N | 6.00 |
| 48 | LUCKNOW | MOHANLAL GANJ | NOAA-19 | 81.01069 | 26.67071 | 06:30:00 | N | 8.11 |
| 49 | LUCKNOW | MOHANLAL GANJ | NOAA-19 | 81.17544 | 26.72282 | 06:30:00 | N | 8.53 |
| 50 | LUCKNOW | MOHANLAL GANJ | NOAA-19 | 81.00045 | 26.74607 | 06:30:00 | N | 6.00 |
| 51 | LUCKNOW | MOHANLAL GANJ | NOAA-19 | 81.13924 | 26.79368 | 06:30:00 | N | 6.00 |
| 52 | MATHURA | CHHATA | S-NPP | 77.47803 | 27.58242 | 13:18:00 | D | 5.00 |
| 53 | MATHURA | CHHATA | S-NPP | 77.46891 | 27.67187 | 13:18:00 | D | 6.40 |
| 54 | MATHURA | CHHATA | S-NPP | 77.45560 | 27.71523 | 13:18:00 | D | 4.00 |
| 55 | MATHURA | CHHATA | S-NPP | 77.44113 | 27.72334 | 13:18:00 | D | 3.80 |
| 56 | MATHURA | CHHATA | AQUA | 77.43800 | 27.72400 | 13:25:00 | D | 12.50 |
| 57 | MATHURA | CHHATA | AQUA | 77.44900 | 27.72600 | 13:25:00 | D | 8.90 |
| 58 | MATHURA | CHHATA | S-NPP | 77.39533 | 27.76143 | 13:18:00 | D | 7.90 |
| 59 | MATHURA | CHHATA | S-NPP | 77.43510 | 27.77514 | 13:18:00 | D | 3.00 |
| 60 | MATHURA | CHHATA | S-NPP | 77.36899 | 27.78510 | 13:18:00 | D | 12.00 |
| 61 | MATHURA | CHHATA | S-NPP | 77.33861 | 27.78704 | 13:18:00 | D | 1.20 |
| 62 | MATHURA | CHHATA | AQUA | 77.64700 | 27.79300 | 13:25:00 | D | 5.30 |
| 63 | MATHURA | CHHATA | S-NPP | 77.34959 | 27.79591 | 13:18:00 | D | 2.90 |

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| 64 | MATHURA | CHHATA | S-NPP | 77.64167 | 27.79917 | 13:18:00 | D | 4.50 |
| 65 | MATHURA | CHHATA | S-NPP | 77.56554 | 27.80045 | 13:18:00 | D | 5.70 |
| 66 | MATHURA | CHHATA | S-NPP | 77.42118 | 27.80086 | 13:18:00 | D | 2.00 |
| 67 | MATHURA | CHHATA | S-NPP | 77.39773 | 27.81098 | 13:18:00 | D | 4.00 |
| 68 | MATHURA | CHHATA | S-NPP | 77.39702 | 27.81437 | 13:18:00 | D | 4.50 |
| 69 | MATHURA | CHHATA | S-NPP | 77.55443 | 27.83353 | 13:18:00 | D | 6.90 |
| 70 | MATHURA | CHHATA | S-NPP | 77.39132 | 27.84150 | 13:18:00 | D | 21.60 |
| 71 | MATHURA | CHHATA | S-NPP | 77.39472 | 27.84557 | 13:18:00 | D | 21.60 |
| 72 | MATHURA | CHHATA | S-NPP | 77.42841 | 27.84764 | 13:18:00 | D | 3.40 |
| 73 | MATHURA | CHHATA | AQUA | 77.46800 | 27.85600 | 13:25:00 | D | 15.50 |
| 74 | MATHURA | CHHATA | S-NPP | 77.50022 | 27.87000 | 13:18:00 | D | 3.40 |
| 75 | MATHURA | CHHATA | AQUA | 77.42900 | 27.87800 | 13:25:00 | D | 7.40 |
| 76 | MATHURA | CHHATA | S-NPP | 77.43470 | 27.88005 | 13:18:00 | D | 4.20 |
| 77 | MATHURA | CHHATA | S-NPP | 77.47718 | 27.88017 | 13:18:00 | D | 3.50 |
| 78 | MATHURA | CHHATA | S-NPP | 77.48846 | 27.92752 | 13:18:00 | D | 7.50 |
| 79 | MATHURA | MAT | S-NPP | 77.74077 | 27.88464 | 02:00:00 | N | 0.40 |
| 80 | MATHURA | MAT | S-NPP | 77.71625 | 27.90212 | 02:00:00 | N | 0.70 |
| 81 | MATHURA | MAT | S-NPP | 77.54180 | 27.91543 | 13:18:00 | D | 1.60 |
| 82 | MATHURA | MATHURA | S-NPP | 77.52998 | 27.51379 | 13:18:00 | D | 4.60 |
| 83 | MATHURA | MATHURA | S-NPP | 77.48383 | 27.55171 | 13:18:00 | D | 1.90 |
| 84 | MATHURA | MATHURA | S-NPP | 77.45419 | 27.55385 | 13:18:00 | D | 2.20 |
| 85 | MORADABAD | THAKUR DWARA | S-NPP | 78.85455 | 29.23766 | 13:18:00 | D | 10.40 |
| 86 | MUZAFARNAGAR | JANSATH | S-NPP | 78.04150 | 29.32757 | 13:18:00 | D | 9.20 |
| 87 | PILHIBHIT | BISALPUR | S-NPP | 79.96216 | 28.12509 | 13:18:00 | D | 2.10 |
| 88 | PILHIBHIT | BISALPUR | S-NPP | 79.97146 | 28.14008 | 13:18:00 | D | 3.50 |
| 89 | PILHIBHIT | PILHIBHIT | S-NPP | 79.71240 | 28.66597 | 13:18:00 | D | 3.70 |
| 90 | PILHIBHIT | PILHIBHIT | S-NPP | 79.63864 | 28.69248 | 13:18:00 | D | 2.00 |
| 91 | PILHIBHIT | PILHIBHIT | S-NPP | 79.66098 | 28.70259 | 13:18:00 | D | 3.10 |
| 92 | PILHIBHIT | PILHIBHIT | S-NPP | 79.66822 | 28.70706 | 13:18:00 | D | 3.40 |
| 93 | PILHIBHIT | PILHIBHIT | S-NPP | 79.89696 | 28.74071 | 13:18:00 | D | 8.10 |
| 94 | PILHIBHIT | PILHIBHIT | S-NPP | 79.86347 | 28.74603 | 13:18:00 | D | 3.00 |
| 95 | PILHIBHIT | PILHIBHIT | S-NPP | 79.93008 | 28.75918 | 13:18:00 | D | 3.50 |
| 96 | PILHIBHIT | PILHIBHIT | S-NPP | 79.93404 | 28.75976 | 13:18:00 | D | 3.50 |

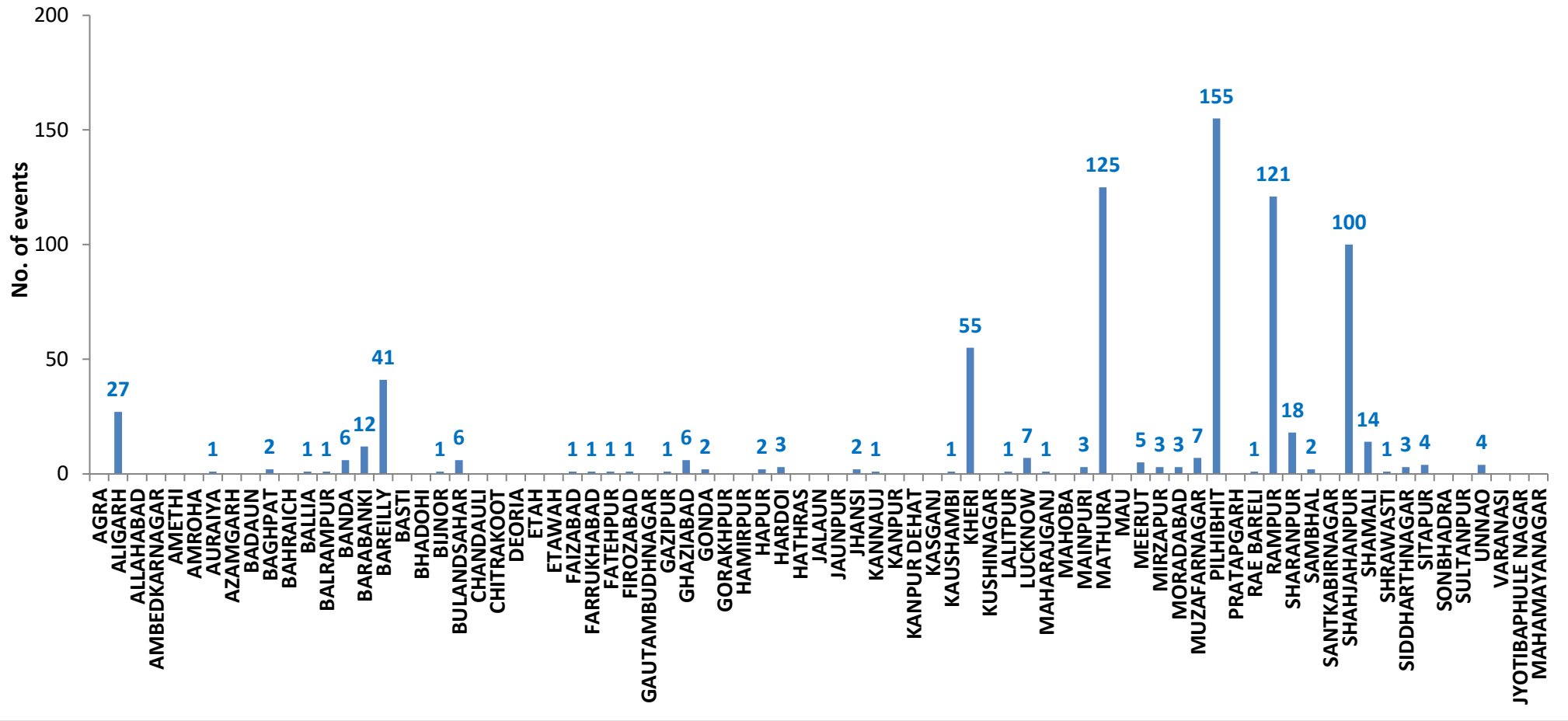
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|-----|------------|-------------|---------|----------|----------|----------|---|-------|
| 97 | PILHIBHIT | PILHIBHIT | S-NPP | 79.88927 | 28.76003 | 13:18:00 | D | 4.20 |
| 98 | PILHIBHIT | PILHIBHIT | S-NPP | 79.89137 | 28.77056 | 13:18:00 | D | 1.80 |
| 99 | PILHIBHIT | PILHIBHIT | S-NPP | 79.82563 | 28.77453 | 13:18:00 | D | 1.90 |
| 100 | PILHIBHIT | PILHIBHIT | S-NPP | 79.77364 | 28.79354 | 13:18:00 | D | 2.00 |
| 101 | PILHIBHIT | PILHIBHIT | S-NPP | 79.72898 | 28.79379 | 13:18:00 | D | 2.50 |
| 102 | PILHIBHIT | PILHIBHIT | S-NPP | 79.72272 | 28.82690 | 13:18:00 | D | 1.40 |
| 103 | PILHIBHIT | PILHIBHIT | S-NPP | 79.72209 | 28.83022 | 13:18:00 | D | 7.20 |
| 104 | PILHIBHIT | PILHIBHIT | S-NPP | 79.71169 | 28.84229 | 13:18:00 | D | 2.30 |
| 105 | PILHIBHIT | PILHIBHIT | AQUA | 79.71400 | 28.84500 | 13:25:00 | D | 7.10 |
| 106 | PILHIBHIT | PILHIBHIT | S-NPP | 79.71044 | 28.84892 | 13:18:00 | D | 8.10 |
| 107 | PILHIBHIT | PURANPUR | S-NPP | 80.29932 | 28.45438 | 13:18:00 | D | 2.00 |
| 108 | PILHIBHIT | PURANPUR | S-NPP | 80.03434 | 28.50013 | 13:18:00 | D | 7.70 |
| 109 | RAIBEARELI | MAHARAJGANG | NOAA-19 | 81.16448 | 26.44873 | 06:30:00 | N | 6.00 |
| 110 | RAMPUR | BILASPUR | S-NPP | 79.27216 | 28.77331 | 13:18:00 | D | 2.70 |
| 111 | RAMPUR | BILASPUR | S-NPP | 79.17070 | 28.85926 | 13:18:00 | D | 3.00 |
| 112 | RAMPUR | BILASPUR | AQUA | 79.25400 | 28.86100 | 13:25:00 | D | 4.30 |
| 113 | RAMPUR | BILASPUR | S-NPP | 79.25830 | 28.86570 | 13:18:00 | D | 1.50 |
| 114 | RAMPUR | BILASPUR | S-NPP | 79.25766 | 28.86901 | 13:18:00 | D | 3.70 |
| 115 | RAMPUR | BILASPUR | S-NPP | 79.23611 | 28.87595 | 13:18:00 | D | 5.40 |
| 116 | RAMPUR | BILASPUR | S-NPP | 79.27600 | 28.87857 | 13:18:00 | D | 3.40 |
| 117 | RAMPUR | BILASPUR | S-NPP | 79.23547 | 28.87925 | 13:18:00 | D | 2.80 |
| 118 | RAMPUR | BILASPUR | S-NPP | 79.29171 | 28.88093 | 13:18:00 | D | 5.40 |
| 119 | RAMPUR | BILASPUR | S-NPP | 79.29106 | 28.88424 | 13:18:00 | D | 5.40 |
| 120 | RAMPUR | BILASPUR | AQUA | 79.27400 | 28.89100 | 13:25:00 | D | 7.60 |
| 121 | RAMPUR | BILASPUR | S-NPP | 79.30157 | 28.89261 | 13:18:00 | D | 4.30 |
| 122 | RAMPUR | BILASPUR | S-NPP | 79.28130 | 28.89296 | 13:18:00 | D | 10.70 |
| 123 | RAMPUR | BILASPUR | AQUA | 79.28400 | 28.89300 | 13:25:00 | D | 11.90 |
| 124 | RAMPUR | BILASPUR | S-NPP | 79.28522 | 28.89355 | 13:18:00 | D | 10.70 |
| 125 | RAMPUR | BILASPUR | S-NPP | 79.23948 | 28.90025 | 13:18:00 | D | 3.80 |
| 126 | RAMPUR | BILASPUR | AQUA | 79.34500 | 28.90100 | 13:25:00 | D | 8.70 |
| 127 | RAMPUR | BILASPUR | S-NPP | 79.40428 | 28.90463 | 13:18:00 | D | 2.80 |
| 128 | RAMPUR | BILASPUR | S-NPP | 79.20095 | 28.91142 | 13:18:00 | D | 2.30 |
| 129 | RAMPUR | BILASPUR | AQUA | 79.41400 | 28.92100 | 13:25:00 | D | 10.20 |

| | | | | | | | | |
|-----|--------------|----------|-------|----------|----------|----------|---|-------|
| 130 | RAMPUR | BILASPUR | S-NPP | 79.20706 | 28.92573 | 13:18:00 | D | 15.50 |
| 131 | RAMPUR | BILASPUR | AQUA | 79.20500 | 28.92700 | 13:25:00 | D | 13.10 |
| 132 | RAMPUR | BILASPUR | AQUA | 79.39000 | 28.93500 | 13:25:00 | D | 11.00 |
| 133 | RAMPUR | MILAK | S-NPP | 79.24085 | 28.68387 | 13:18:00 | D | 4.70 |
| 134 | RAMPUR | MILAK | S-NPP | 79.23174 | 28.68929 | 13:18:00 | D | 4.50 |
| 135 | RAMPUR | MILAK | S-NPP | 79.23566 | 28.68988 | 13:18:00 | D | 4.50 |
| 136 | RAMPUR | MILAK | S-NPP | 79.23336 | 28.70289 | 13:18:00 | D | 4.80 |
| 137 | RAMPUR | MILAK | S-NPP | 79.27526 | 28.73640 | 13:18:00 | D | 2.20 |
| 138 | RAMPUR | MILAK | S-NPP | 79.13375 | 28.77954 | 13:18:00 | D | 22.30 |
| 139 | RAMPUR | RAMPUR | S-NPP | 79.06012 | 28.78469 | 13:18:00 | D | 2.90 |
| 140 | RAMPUR | SUAR | S-NPP | 79.20122 | 28.93504 | 13:18:00 | D | 6.50 |
| 141 | RAMPUR | SUAR | S-NPP | 79.12617 | 28.98825 | 13:18:00 | D | 1.00 |
| 142 | RAMPUR | SUAR | S-NPP | 79.11308 | 28.99306 | 13:18:00 | D | 4.70 |
| 143 | RAMPUR | TANDA | S-NPP | 79.00626 | 29.10511 | 13:18:00 | D | 2.20 |
| 144 | RAMPUR | TANDA | S-NPP | 78.97946 | 29.13841 | 13:18:00 | D | 6.00 |
| 145 | SHAHJAHANPUR | PUWANYA | S-NPP | 79.96695 | 27.96673 | 13:18:00 | D | 3.50 |
| 146 | SHAHJAHANPUR | PUWANYA | S-NPP | 80.08842 | 27.98453 | 13:18:00 | D | 3.10 |
| 147 | SHAHJAHANPUR | PUWANYA | S-NPP | 80.13031 | 28.04177 | 13:18:00 | D | 3.30 |
| 148 | SHAHJAHANPUR | PUWANYA | S-NPP | 79.94467 | 28.06805 | 13:18:00 | D | 3.60 |
| 149 | SHAHJAHANPUR | PUWANYA | S-NPP | 80.19113 | 28.08477 | 13:18:00 | D | 1.10 |
| 150 | SHAHJAHANPUR | PUWANYA | S-NPP | 80.20595 | 28.09593 | 13:18:00 | D | 7.30 |
| 151 | SHAHJAHANPUR | PUWANYA | AQUA | 80.19500 | 28.16500 | 13:25:00 | D | 5.80 |
| 152 | SHAHJAHANPUR | PUWANYA | S-NPP | 80.17213 | 28.16949 | 13:18:00 | D | 3.90 |
| 153 | SHAHJAHANPUR | PUWANYA | S-NPP | 80.16696 | 28.17556 | 13:18:00 | D | 8.50 |
| 154 | SHAHJAHANPUR | PUWANYA | S-NPP | 80.16118 | 28.18495 | 13:18:00 | D | 1.80 |
| 155 | SHAHJAHANPUR | PUWANYA | S-NPP | 80.00756 | 28.18564 | 13:18:00 | D | 2.60 |
| 156 | SHAHJAHANPUR | PUWANYA | AQUA | 80.29800 | 28.19000 | 13:25:00 | D | 10.30 |
| 157 | SHAHJAHANPUR | PUWANYA | S-NPP | 80.30139 | 28.19512 | 13:18:00 | D | 3.50 |
| 158 | SHAHJAHANPUR | PUWANYA | AQUA | 80.14000 | 28.20400 | 13:25:00 | D | 7.80 |
| 159 | SHAHJAHANPUR | PUWANYA | AQUA | 80.21200 | 28.20500 | 13:25:00 | D | 9.60 |
| 160 | SHAHJAHANPUR | PUWANYA | S-NPP | 80.21442 | 28.20546 | 13:18:00 | D | 7.90 |
| 161 | SHAHJAHANPUR | PUWANYA | S-NPP | 80.08320 | 28.21372 | 13:18:00 | D | 2.90 |
| 162 | SHAHJAHANPUR | PUWANYA | AQUA | 80.13300 | 28.26700 | 13:25:00 | D | 5.10 |

| | | | | | | | | |
|-----|-----------------|--------------|---------|----------|----------|----------|---|-------|
| 163 | SHAHJAHANPUR | PUWANYA | AQUA | 80.14300 | 28.26900 | 13:25:00 | D | 5.50 |
| 164 | SHAHJAHANPUR | PUWANYA | S-NPP | 80.14587 | 28.29107 | 13:18:00 | D | 17.50 |
| 165 | SHAHJAHANPUR | PUWANYA | S-NPP | 80.14483 | 28.29647 | 13:18:00 | D | 3.00 |
| 166 | SHAHJAHANPUR | PUWANYA | S-NPP | 80.03320 | 28.35184 | 13:18:00 | D | 3.40 |
| 167 | SHAHJAHANPUR | PUWANYA | S-NPP | 80.03715 | 28.35242 | 13:18:00 | D | 5.10 |
| 168 | SHAHJAHANPUR | SHAHJAHANPUR | S-NPP | 79.85516 | 27.81209 | 13:18:00 | D | 2.40 |
| 169 | SHAHJAHANPUR | SHAHJAHANPUR | S-NPP | 79.82680 | 27.89888 | 13:18:00 | D | 2.20 |
| 170 | SHAHJAHANPUR | SHAHJAHANPUR | S-NPP | 79.81695 | 27.93098 | 13:18:00 | D | 3.20 |
| 171 | SHAHJAHANPUR | SHAHJAHANPUR | AQUA | 79.88600 | 27.96600 | 13:25:00 | D | 6.90 |
| 172 | SHAHJAHANPUR | SHAHJAHANPUR | S-NPP | 79.89013 | 27.96902 | 13:18:00 | D | 4.10 |
| 173 | SHAHJAHANPUR | SHAHJAHANPUR | S-NPP | 79.87407 | 27.99046 | 13:18:00 | D | 2.30 |
| 174 | SHAHJAHANPUR | TILHAR | S-NPP | 79.84628 | 28.01015 | 13:18:00 | D | 1.40 |
| 175 | SHAMLI | KAIRANA | AQUA | 77.20600 | 29.51700 | 13:25:00 | D | 9.90 |
| 176 | SHAMLI | KAIRANA | S-NPP | 77.19611 | 29.56870 | 13:18:00 | D | 2.60 |
| 177 | SHARANPUR | DEOBAND | S-NPP | 77.58094 | 29.62782 | 13:18:00 | D | 1.40 |
| 178 | SHARANPUR | NAKUR | S-NPP | 77.33341 | 29.72873 | 13:18:00 | D | 2.40 |
| 179 | SHARANPUR | NAKUR | S-NPP | 77.32286 | 29.75820 | 13:18:00 | D | 2.90 |
| 180 | SHARANPUR | NAKUR | S-NPP | 77.29541 | 29.98830 | 13:18:00 | D | 4.00 |
| 181 | SIDDHARTHANAGAR | BANSI | NOAA-19 | 82.90765 | 27.27877 | 06:30:00 | N | 9.00 |
| 182 | SIDDHARTHANAGAR | ITWA | NOAA-19 | 82.81544 | 27.29629 | 06:30:00 | N | 9.00 |
| 183 | SIDDHARTHANAGAR | SHOHRATGARH | NOAA-19 | 83.02250 | 27.43520 | 06:30:00 | N | 9.48 |
| 184 | SITAPUR | MAHMUDABAD | S-NPP | 81.13086 | 27.27256 | 13:18:00 | D | 2.60 |
| 185 | UNNAO | PURWA | NOAA-19 | 80.83814 | 26.59884 | 06:30:00 | N | 7.11 |

District-wise cumulative number of residue burning events in Uttar Pradesh (01 to 21-Oct 2019)

Uttar Pradesh (01 - 21 Oct 2019)



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

| Date | Punjab | | | | Haryana | | | | UP | | | | Total | | | |
|--------------|-------------|-------------|--------------|--------------|-------------|-------------|-------------|-------------|------------|------------|-------------|-------------|-------------|-------------|--------------|--------------|
| | 2019 | 2018 | 2017 | 2016 | 2019 | 2018 | 2017 | 2016 | 2019 | 2018 | 2017 | 2016 | 2019 | 2018 | 2017 | 2016 |
| 01-Oct | 3 | 16 | 54 | 109 | 1 | 9 | 13 | 46 | 1 | 11 | 2 | 23 | 5 | 36 | 69 | 178 |
| 02-Oct | 20 | 9 | 50 | 51 | 2 | 23 | 27 | 16 | 0 | 21 | 8 | 20 | 23 | 53 | 85 | 87 |
| 03-Oct | 37 | 4 | 62 | 66 | 16 | 9 | 40 | 16 | 3 | 12 | 17 | 16 | 56 | 25 | 119 | 98 |
| 04-Oct | 3 | 32 | 103 | 37 | 30 | 16 | 60 | 7 | 4 | 5 | 22 | 15 | 37 | 53 | 185 | 59 |
| 05-Oct | 16 | 56 | 106 | 95 | 37 | 30 | 68 | 15 | 11 | 10 | 20 | 14 | 64 | 96 | 194 | 124 |
| 06-Oct | 0 | 87 | 138 | 152 | 22 | 63 | 75 | 105 | 8 | 13 | 39 | 6 | 30 | 163 | 252 | 263 |
| 07-Oct | 27 | 162 | 105 | 171 | 16 | 180 | 97 | 126 | 4 | 69 | 33 | 24 | 47 | 411 | 235 | 321 |
| 08-Oct | 59 | 39 | 215 | 166 | 69 | 40 | 218 | 94 | 18 | 54 | 76 | 14 | 146 | 133 | 509 | 274 |
| 09-Oct | 93 | 75 | 163 | 270 | 70 | 47 | 148 | 121 | 17 | 32 | 88 | 22 | 180 | 154 | 399 | 413 |
| 10-Oct | 172 | 23 | 164 | 597 | 157 | 37 | 151 | 242 | 53 | 21 | 126 | 74 | 382 | 81 | 441 | 913 |
| 11-Oct | 78 | 30 | 177 | 652 | 126 | 78 | 87 | 336 | 38 | 24 | 74 | 128 | 242 | 131 | 338 | 1116 |
| 12-Oct | 99 | 67 | 342 | 694 | 154 | 133 | 123 | 338 | 42 | 22 | 51 | 164 | 295 | 222 | 516 | 1196 |
| 13-Oct | 108 | 62 | 470 | 467 | 159 | 147 | 207 | 284 | 33 | 61 | 69 | 102 | 300 | 270 | 746 | 853 |
| 14-Oct | 141 | 112 | 582 | 812 | 133 | 153 | 333 | 328 | 39 | 57 | 137 | 60 | 313 | 322 | 1052 | 1200 |
| 15-Oct | 262 | 90 | 943 | 1215 | 203 | 110 | 458 | 248 | 63 | 35 | 237 | 76 | 528 | 235 | 1638 | 1539 |
| 16-Oct | 168 | 174 | 465 | 1478 | 148 | 138 | 186 | 385 | 77 | 20 | 71 | 125 | 393 | 332 | 722 | 1988 |
| 17-Oct | 250 | 272 | 807 | 2173 | 152 | 268 | 244 | 399 | 53 | 94 | 69 | 261 | 455 | 634 | 1120 | 2833 |
| 18-Oct | 100 | 263 | 970 | 1065 | 103 | 255 | 306 | 270 | 39 | 163 | 108 | 204 | 242 | 681 | 1384 | 1539 |
| 19-Oct | 529 | 254 | 1591 | 1762 | 220 | 208 | 541 | 276 | 3 | 108 | 128 | 132 | 752 | 570 | 2260 | 2170 |
| 20-Oct | 490 | 496 | 2653 | 1175 | 360 | 141 | 597 | 188 | 62 | 49 | 255 | 62 | 912 | 686 | 3505 | 1425 |
| 21-Oct | 852 | 618 | 1139 | 1726 | 339 | 217 | 233 | 257 | 185 | 66 | 168 | 152 | 1376 | 901 | 1540 | 2135 |
| Total | 3507 | 2941 | 11299 | 14933 | 2517 | 2302 | 4212 | 4097 | 753 | 947 | 1798 | 1694 | 6777 | 6190 | 17309 | 20724 |

(a) Punjab

| Districts | 01-21 Oct | | | |
|--------------------------|--------------|--------------|-------------|-------------|
| | 2016 | 2017 | 2018 | 2019 |
| AMRITSAR | 983 | 823 | 601 | 528 |
| BARNALA | 48 | 38 | 23 | 13 |
| BATHINDA | 957 | 838 | 104 | 51 |
| FARIDKOT | 1121 | 1228 | 172 | 156 |
| FATEHGARH SAHIB | 847 | 494 | 81 | 86 |
| FAZILKA | 0 | 0 | 0 | 110 |
| FIROZPUR | 1737 | 1505 | 314 | 306 |
| GURDASPUR | 669 | 473 | 120 | 261 |
| HOSHIARPUR | 153 | 101 | 4 | 33 |
| JALANDHAR | 976 | 459 | 52 | 151 |
| KAPURTHALA | 866 | 282 | 16 | 120 |
| LUDHIANA | 737 | 673 | 74 | 54 |
| MANSA | 208 | 259 | 80 | 102 |
| MOGA | 217 | 176 | 23 | 47 |
| MUKTSAR | 1322 | 701 | 129 | 86 |
| NAWASHAHR (SBS Nagar) | 313 | 203 | 30 | 40 |
| PATHANKOT | 0 | 0 | 0 | 0 |
| PATIALA | 1247 | 1164 | 403 | 469 |
| RUPNAGAR | 188 | 51 | 1 | 7 |
| SANGRUR | 317 | 321 | 124 | 94 |
| SAS NAGAR | 76 | 75 | 48 | 50 |
| TARN TARAN | 1951 | 1435 | 542 | 743 |
| Total | 14933 | 11299 | 2941 | 3507 |

(b) Haryana

| Districts | 01-21 Oct | | | |
|--------------|-------------|-------------|-------------|-------------|
| | 2016 | 2017 | 2018 | 2019 |
| AMBALA | 272 | 275 | 73 | 148 |
| BHIWANI | 2 | 2 | 3 | 0 |
| FARIDABAD | 34 | 96 | 77 | 4 |
| FATEHABAD | 268 | 360 | 146 | 187 |
| GURUGRAM | 0 | 0 | 0 | 0 |
| HISAR | 35 | 36 | 20 | 27 |
| JHAJJAR | 4 | 3 | 5 | 2 |
| JIND | 136 | 195 | 100 | 106 |
| KAITHAL | 1106 | 922 | 665 | 620 |
| KARNAL | 1155 | 1087 | 573 | 634 |
| KURUKSHETRA | 825 | 911 | 488 | 515 |
| MAHENDRAGARH | 0 | 0 | 0 | 1 |
| MEWAT | 0 | 0 | 0 | 0 |
| PALWAL | 0 | 0 | 0 | 104 |
| PANCHKULA | 0 | 0 | 3 | 17 |
| PANIPAT | 29 | 40 | 33 | 9 |
| REWARI | 0 | 0 | 0 | 1 |
| ROHTAK | 3 | 4 | 0 | 0 |
| SIRSA | 121 | 104 | 45 | 38 |
| SONIPAT | 11 | 19 | 12 | 3 |
| YAMUNANAGAR | 96 | 158 | 59 | 101 |
| Total | 4097 | 4212 | 2302 | 2517 |

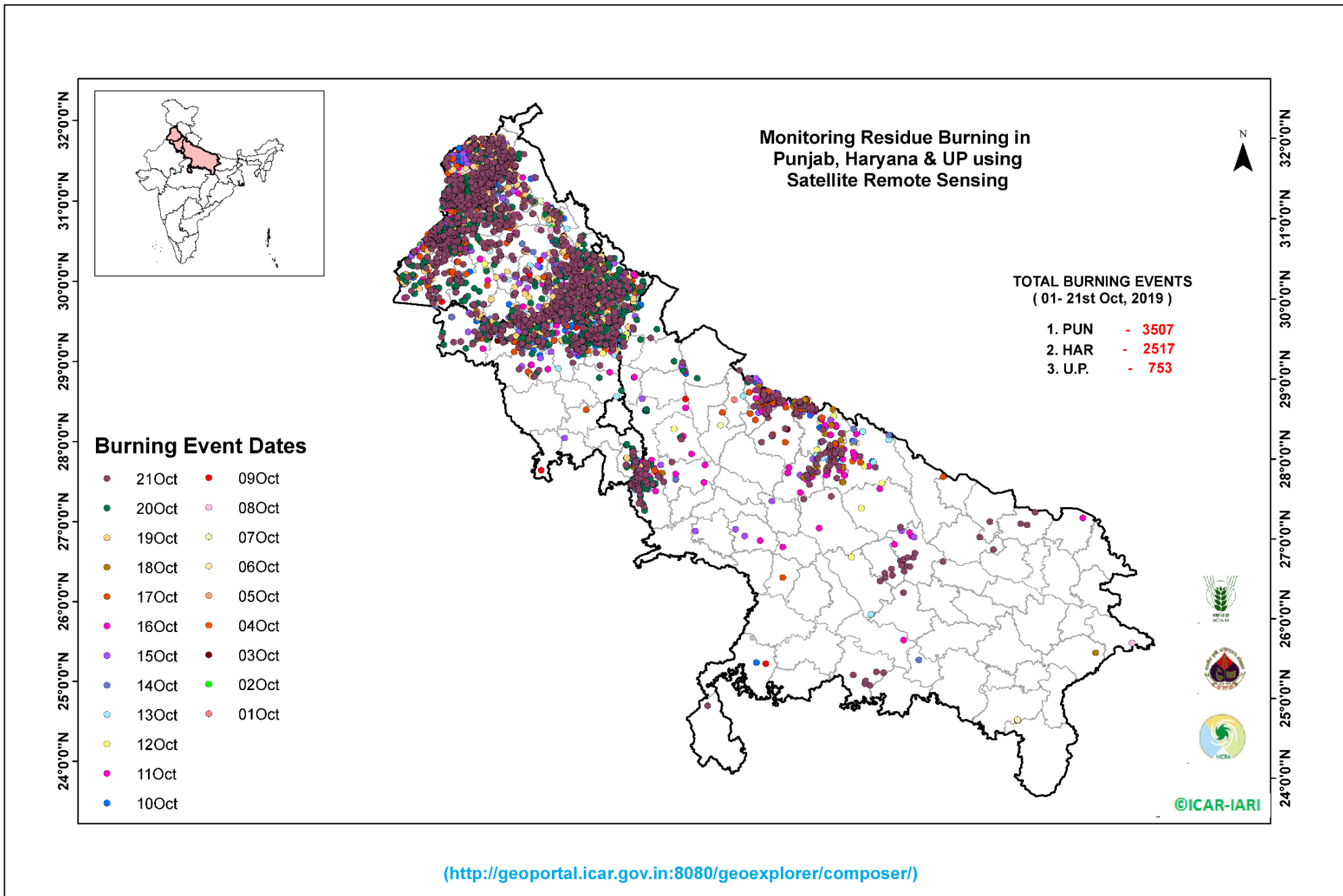
(c) Uttar Pradesh

| Districts | 01-21 Oct | | | |
|---------------|-----------|------|------|------|
| | 2016 | 2017 | 2018 | 2019 |
| AGRA | 0 | 0 | 0 | 0 |
| ALIGARH | 10 | 20 | 18 | 27 |
| ALLAHABAD | 0 | 0 | 3 | 0 |
| AMBEDKARNAGAR | 0 | 2 | 0 | 0 |
| AMETHI | 0 | 0 | 0 | 0 |
| AMROHA | 0 | 0 | 0 | 0 |
| AURAIYA | 57 | 54 | 17 | 1 |
| AZAMGARH | 0 | 0 | 0 | 0 |
| BADAUN | 0 | 1 | 0 | 0 |
| BAGHPAT | 0 | 0 | 0 | 2 |
| BAHRAICH | 0 | 3 | 7 | 0 |
| BALLIA | 0 | 0 | 0 | 1 |
| BALRAMPUR | 0 | 0 | 2 | 1 |
| BANDA | 1 | 1 | 1 | 6 |
| BARABANKI | 52 | 39 | 62 | 12 |
| BAREILLY | 85 | 69 | 30 | 41 |
| BASTI | 0 | 0 | 0 | 0 |
| BHADOHI | 0 | 0 | 0 | 0 |
| BIJNOR | 5 | 4 | 1 | 1 |
| BULANDSAHAR | 3 | 9 | 7 | 6 |
| CHANDAULI | 0 | 0 | 0 | 0 |
| CHITRAKOOT | 0 | 0 | 0 | 0 |
| DEORIA | 0 | 0 | 0 | 0 |
| ETAH | 0 | 12 | 11 | 0 |
| ETAWAH | 3 | 10 | 2 | 0 |
| FAIZABAD | 1 | 1 | 1 | 1 |
| FARRUKHABAD | 0 | 0 | 0 | 1 |
| FATEHPUR | 5 | 8 | 11 | 1 |
| FIROZABAD | 3 | 2 | 1 | 1 |

| | | | | |
|-----------------|-----|-----|-----|-----|
| GAUTAMBUDHNAGAR | 4 | 4 | 4 | 0 |
| GAZIPUR | 0 | 0 | 0 | 1 |
| GHAZIABAD | 10 | 5 | 3 | 6 |
| GONDA | 0 | 0 | 0 | 2 |
| GORAKHPUR | 0 | 4 | 5 | 0 |
| HAMIRPUR | 0 | 0 | 1 | 0 |
| HAPUR | 0 | 0 | 0 | 2 |
| HARDOI | 22 | 21 | 7 | 3 |
| HATHRAS | 0 | 0 | 0 | 0 |
| JALAUN | 0 | 0 | 0 | 0 |
| JAUNPUR | 1 | 0 | 3 | 0 |
| JHANSI | 0 | 0 | 2 | 2 |
| KANNAUJ | 1 | 1 | 2 | 1 |
| KANPUR | 1 | 3 | 0 | 0 |
| KANPUR DEHAT | 0 | 1 | 0 | 0 |
| KASGANJ | 0 | 0 | 0 | 0 |
| KAUSHAMBI | 0 | 5 | 9 | 1 |
| KHERI | 144 | 127 | 68 | 55 |
| KUSHINAGAR | 0 | 1 | 0 | 0 |
| LALITPUR | 0 | 0 | 0 | 1 |
| LUCKNOW | 9 | 6 | 0 | 7 |
| MAHARAJGANJ | 4 | 34 | 25 | 1 |
| MAHOBA | 0 | 0 | 0 | 0 |
| MAINPURI | 0 | 9 | 4 | 3 |
| MATHURA | 64 | 128 | 235 | 125 |
| MAU | 1 | 0 | 2 | 0 |
| MEERUT | 18 | 14 | 4 | 5 |
| MIRZAPUR | 0 | 2 | 4 | 3 |
| MORADABAD | 11 | 12 | 5 | 3 |
| MUZAFARNAGAR | 45 | 52 | 19 | 7 |
| PILHIBHIT | 333 | 334 | 138 | 155 |
| PRATAPGARH | 0 | 0 | 2 | 0 |

| | | | | |
|-----------------------|-------------|-------------|------------|------------|
| RAE BARELI | 1 | 1 | 0 | 1 |
| RAMPUR | 309 | 296 | 74 | 121 |
| SHARANPUR | 23 | 36 | 16 | 18 |
| SAMBHAL | 0 | 0 | 0 | 2 |
| SANTKABIRNAGAR | 0 | 0 | 0 | 0 |
| SHAHJAHANPUR | 429 | 439 | 116 | 100 |
| SHAMALI | 0 | 0 | 0 | 14 |
| SHRAWASTI | 0 | 4 | 2 | 1 |
| SIDDHARTHANAGAR | 1 | 2 | 1 | 3 |
| SITAPUR | 29 | 16 | 9 | 4 |
| SONBHADRA | 5 | 1 | 7 | 0 |
| SULTANPUR | 0 | 0 | 0 | 0 |
| UNNAO | 3 | 4 | 4 | 4 |
| VARANASI | 0 | 0 | 0 | 0 |
| JYOTIBAPHULE NAGAR | 1 | 0 | 1 | 0 |
| MAHAMAYANAGAR | 0 | 1 | 1 | 0 |
| Total | 1694 | 1798 | 947 | 753 |

Map of Cumulative Burning Events (01 – 21 Oct 2019)



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 / 1000 | 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 | Principal Scientist | rajender.parsad@icar.gov.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)
