



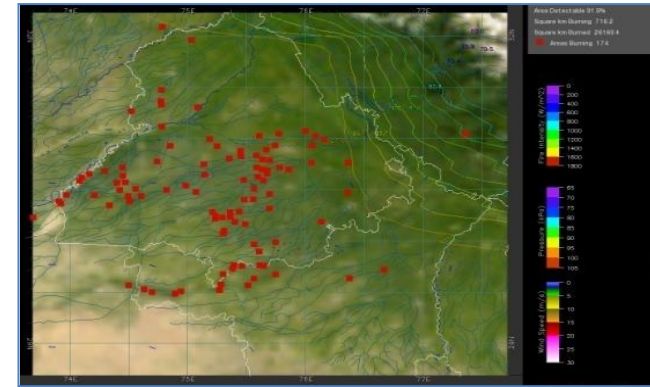
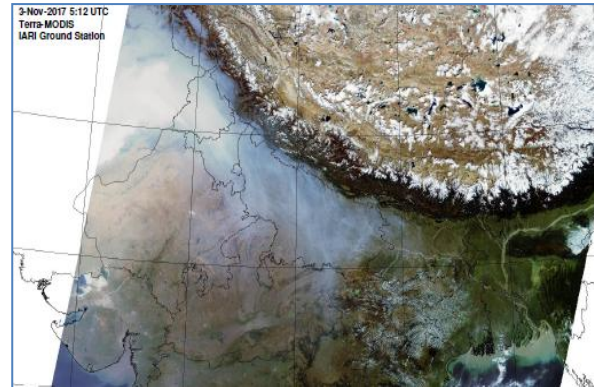
**Bulletin  
No. 29**

**Events Date:  
29-Oct-2018**

**Issued on:  
30-Oct-2018**



# **MONITORING PADDY RESIDUE BURNING IN NORTH INDIA USING SATELLITE REMOTE SENSING DURING 2018**



**Prepared by:**

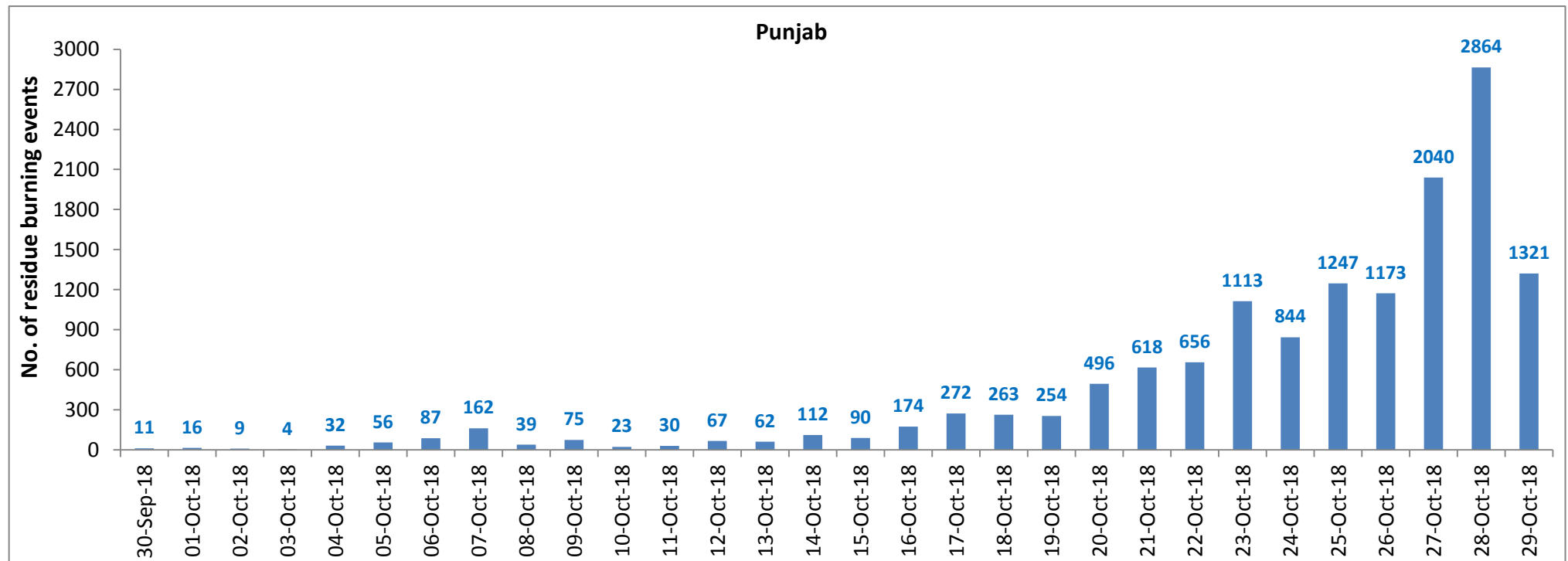
**Consortium for Research on Agroecosystem Monitoring and Modeling from Space (CREAMS) Laboratory,  
Division of Agricultural Physics, ICAR – Indian Agricultural Research Institute, New Delhi – 110012**

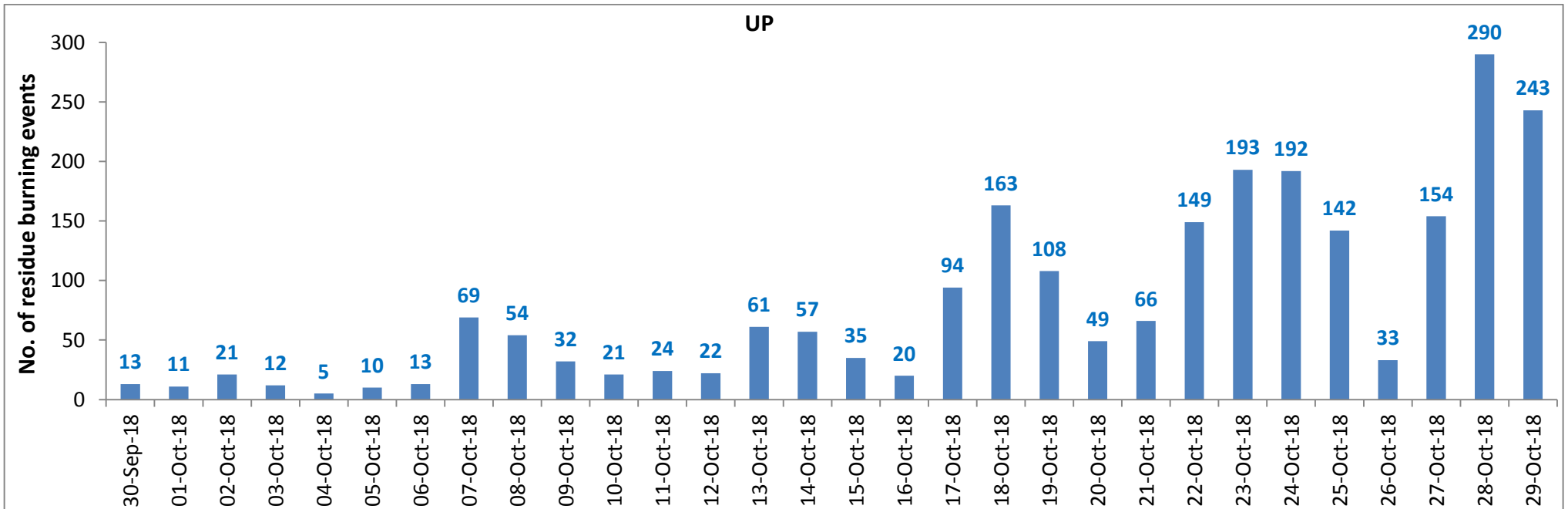
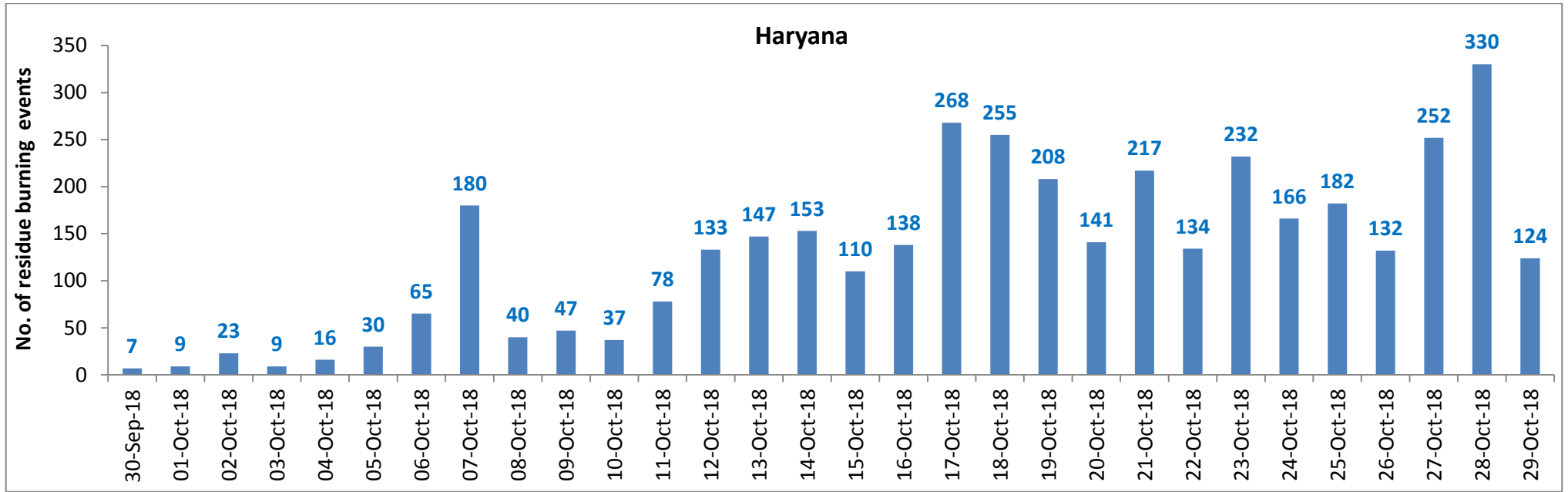
**<http://creams.iari.res.in>**

## Highlights for 28-October-2018

- Satellites detected 1688 residue burning events in the three States (Punjab, Haryana & UP) on 29-Oct-2018.
- The burning events detected on 29-Oct-2018 are 1321, 124 and 243 in Punjab, Haryana, and UP, respectively.
- The number of events has decreased from 3484 on 28-Oct-2018 to 1688 on 29-Oct-2018 in the three States.
- Total 20429 burning events were detected in the three States between 30-Sept-2018 and 29-Oct-2018, which are distributed as 14210, 3863 and 2356 in Punjab, Haryana and UP, respectively.
- Till 29-Oct-2018, the burning events in the current year are about 54.94% of the events detected in 2017 and about 44.56 % of the events detected in 2016.

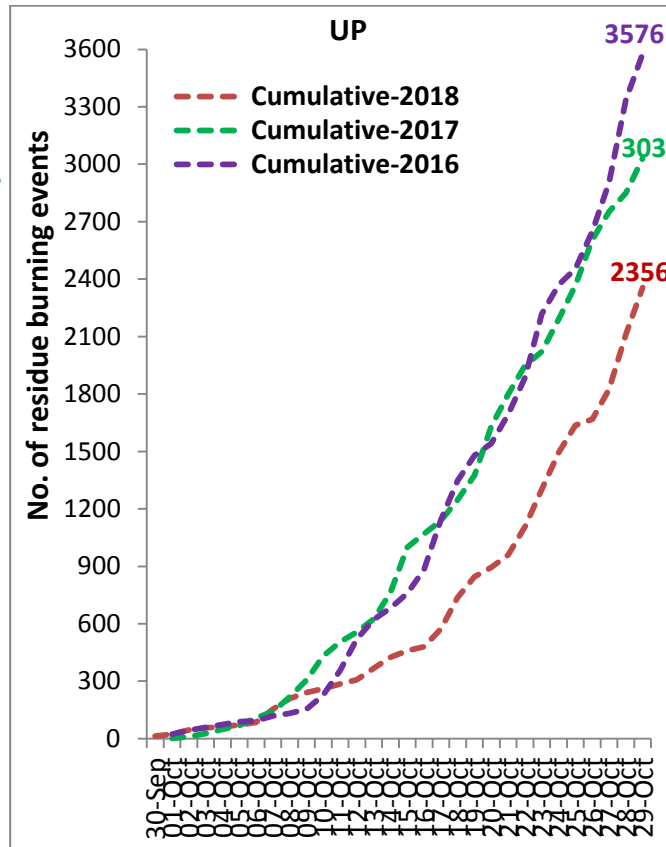
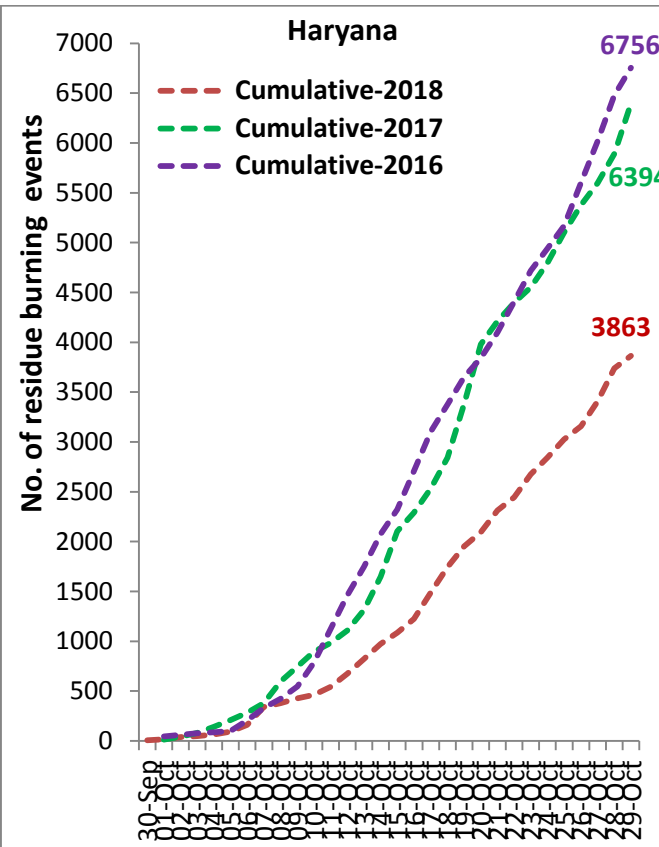
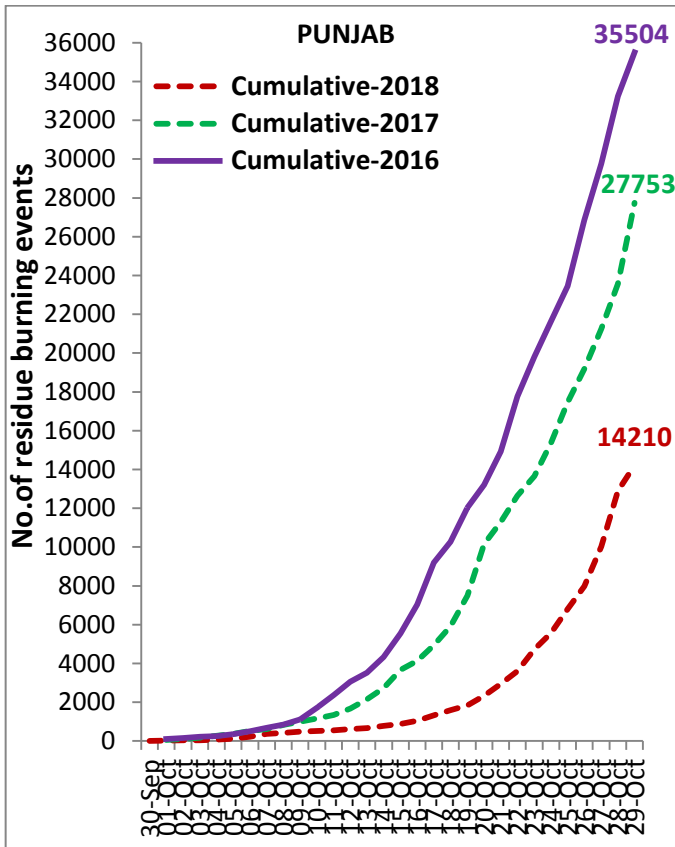
### Temporal distribution of residue burning events for the three study States





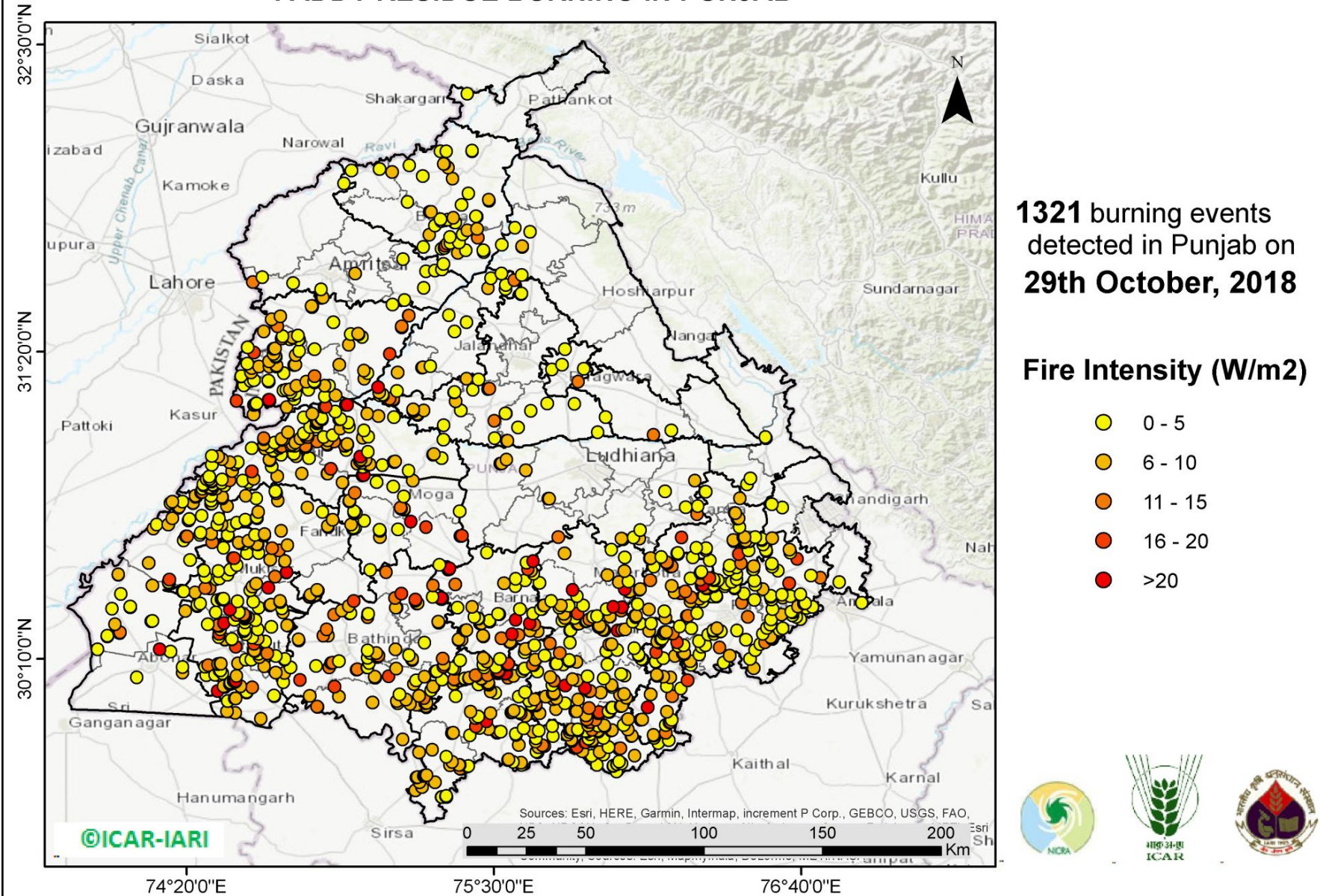
**Comparison of residue burning events in current year (2018) with previous years (2017& 2016) for the three study States**

**(30-Sep to 29-Oct)**



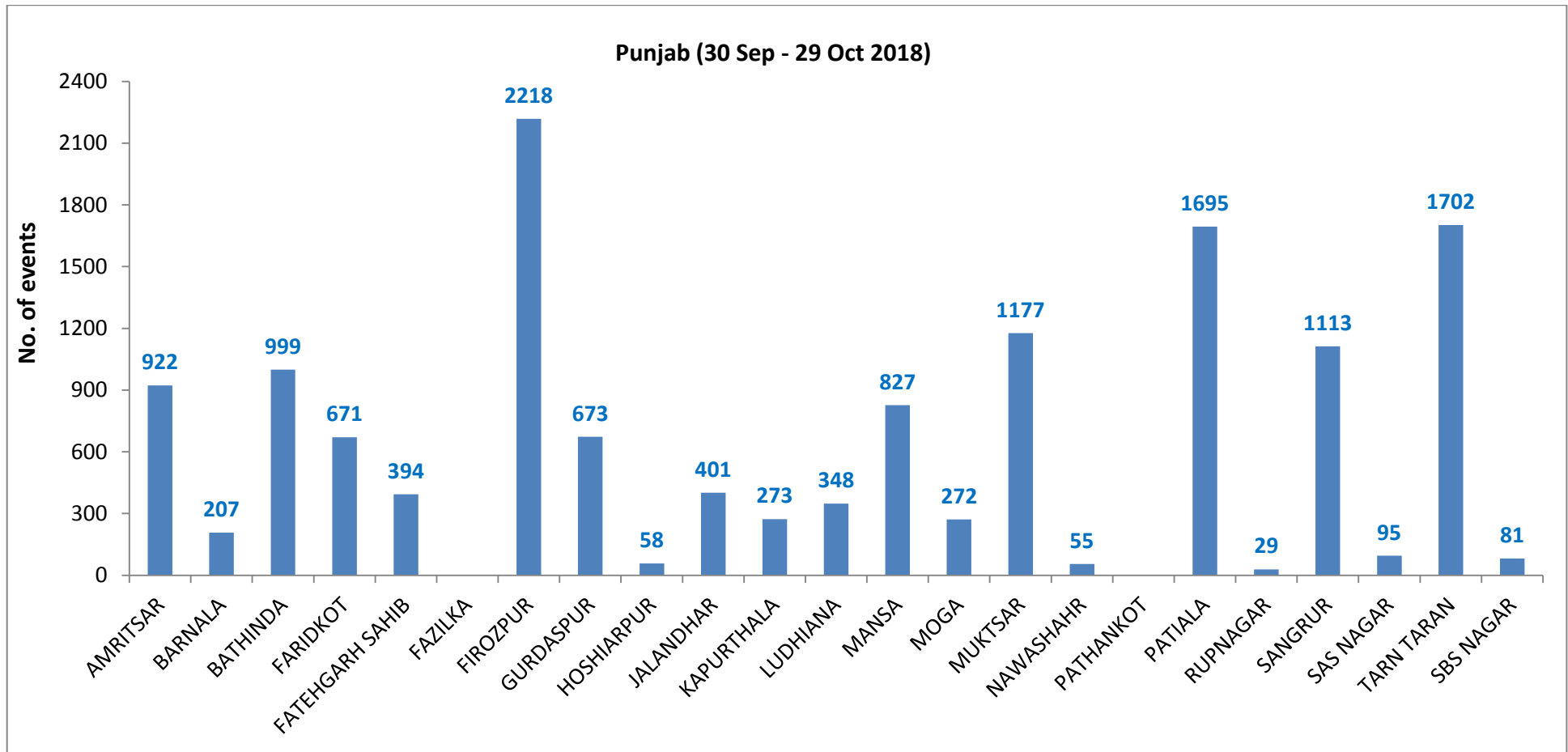
(a) Punjab

PADDY RESIDUE BURNING IN PUNJAB



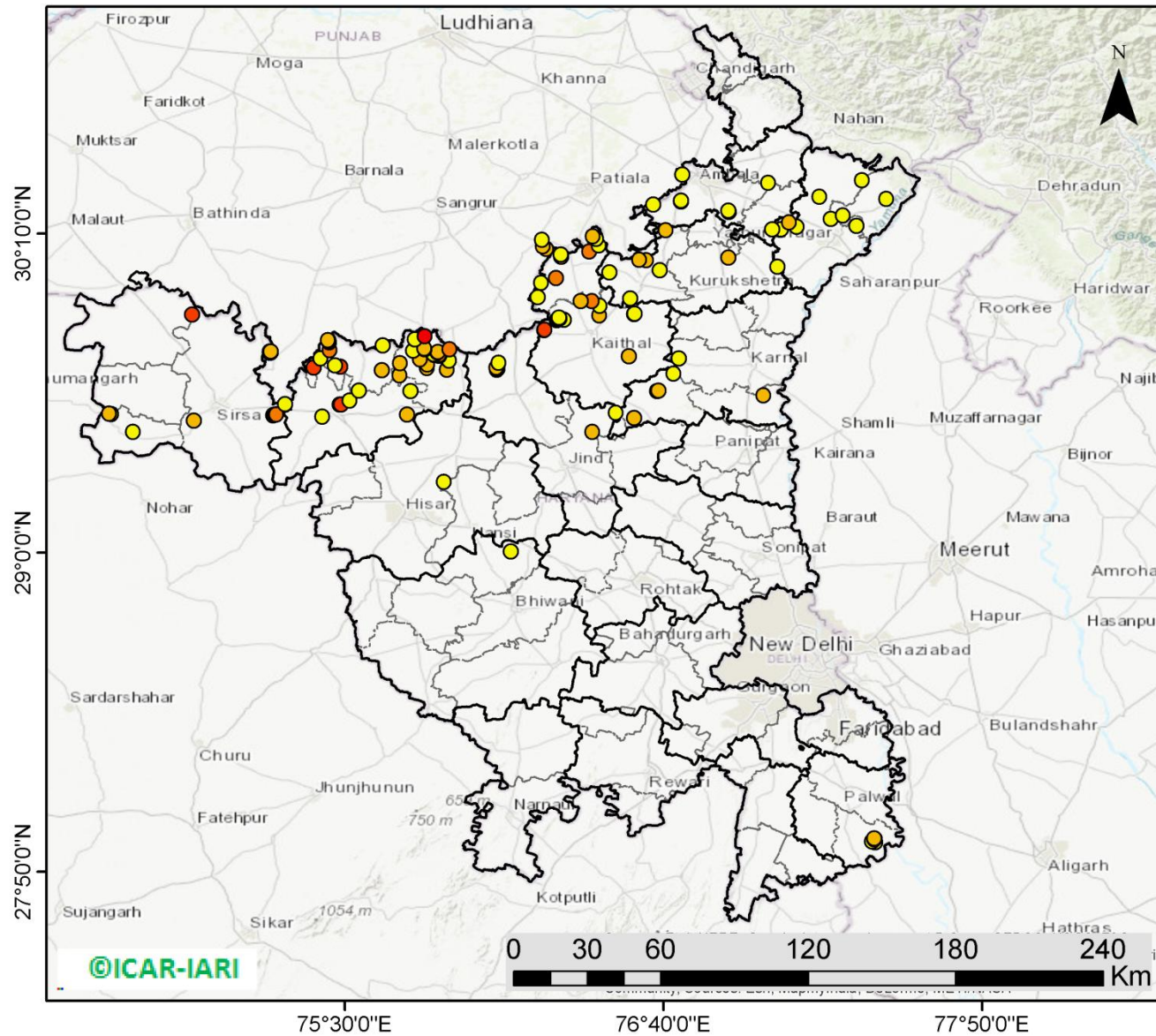
<http://geoportal.icar.gov.in:8080/geoexplorer/composer/>

**District-wise cumulative number of residue burning events in Punjab (30-Sep-2018 to 29-Oct-2018)**



(b) Haryana

**PADDY RESIDUE BURNING IN HARYANA**



**124** burning events detected in Haryana on **29th October, 2018**

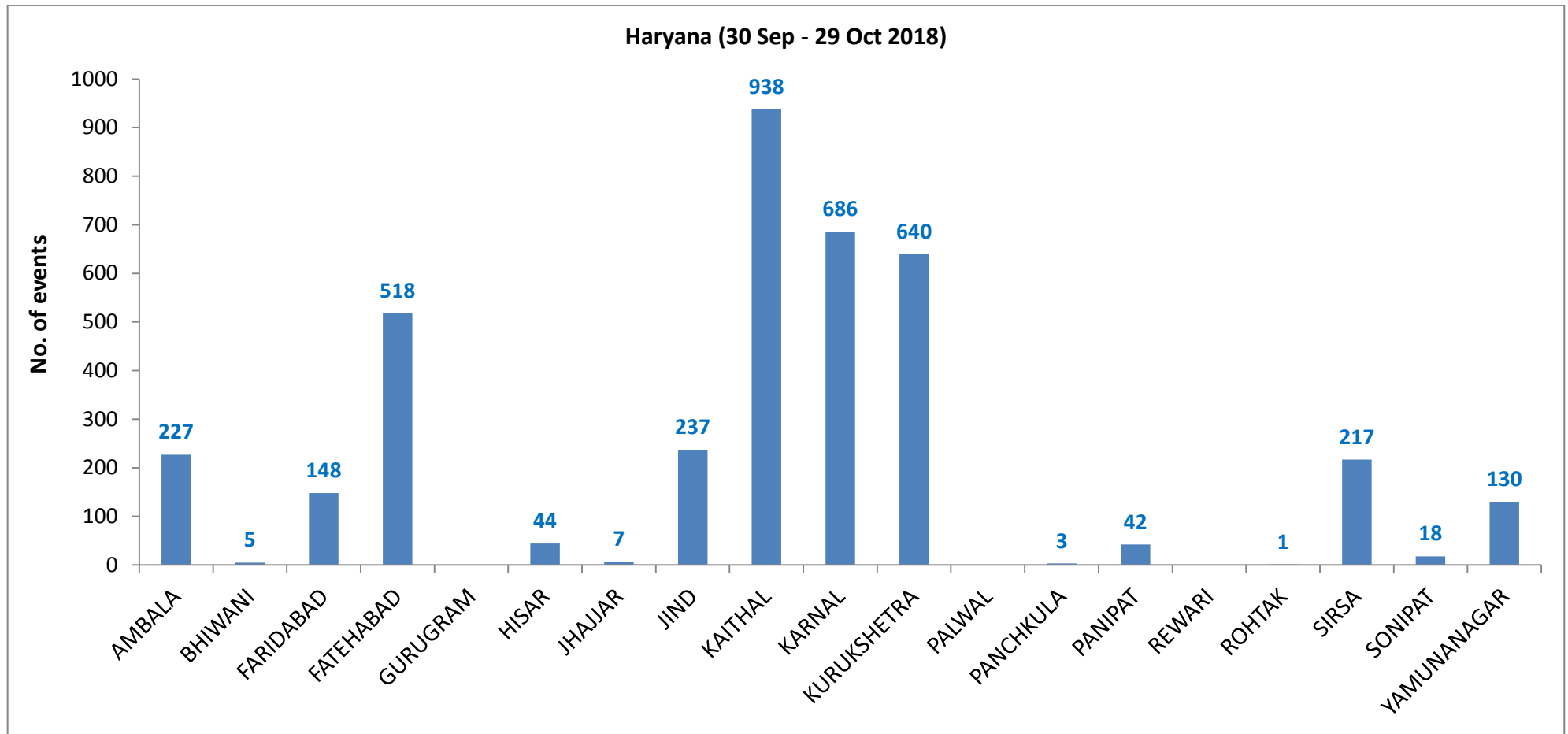
**Fire Intensity (W/m<sup>2</sup>)**

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



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

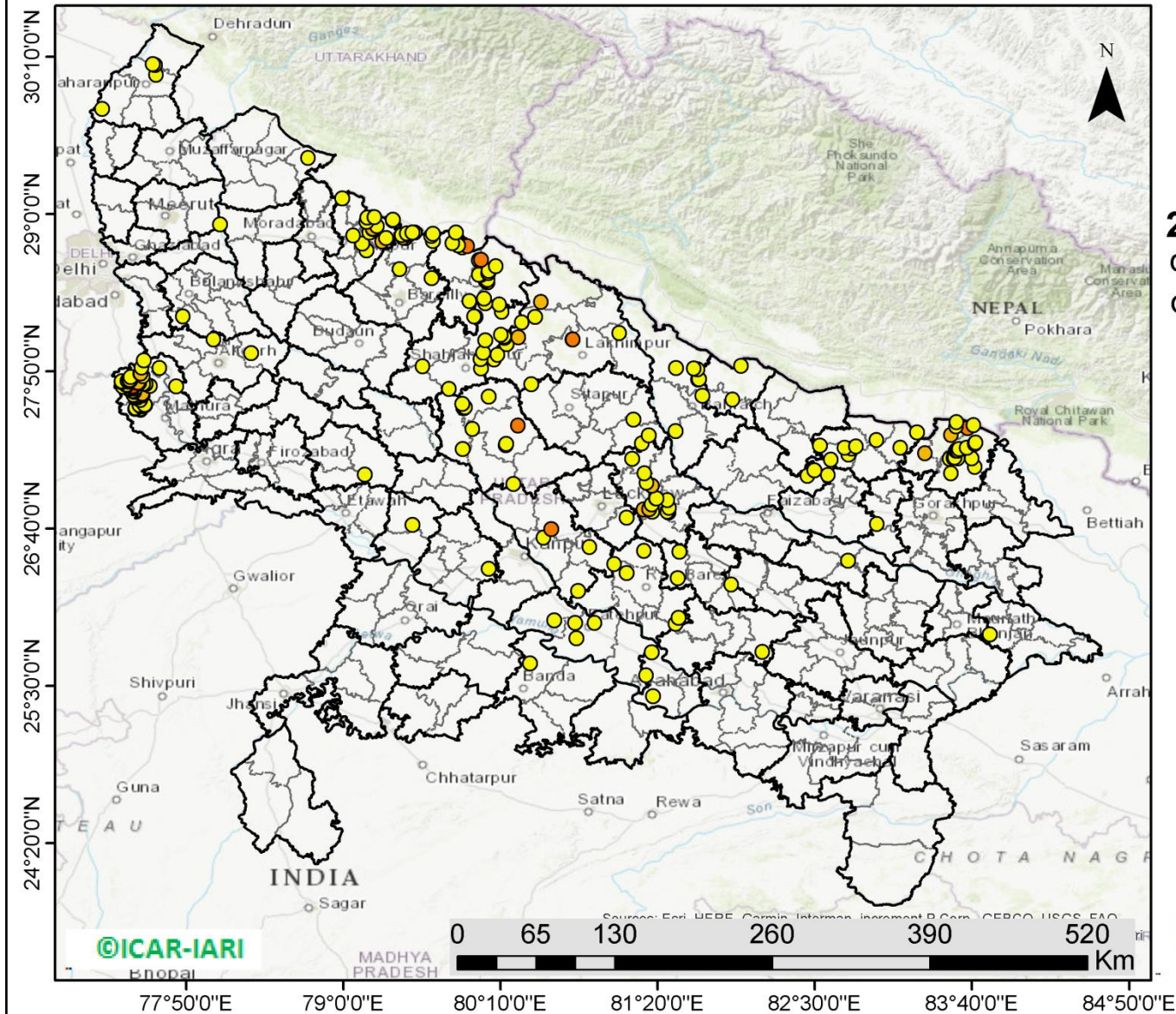
**District-wise cumulative number of residue burning events in Haryana (30-Sep-2018 to 29-Oct-2018)**





(c) Uttar Pradesh

PADDY RESIDUE BURNING IN UTTAR PRADESH



**243** burning events detected in Uttar Pradesh on **29th October, 2018**

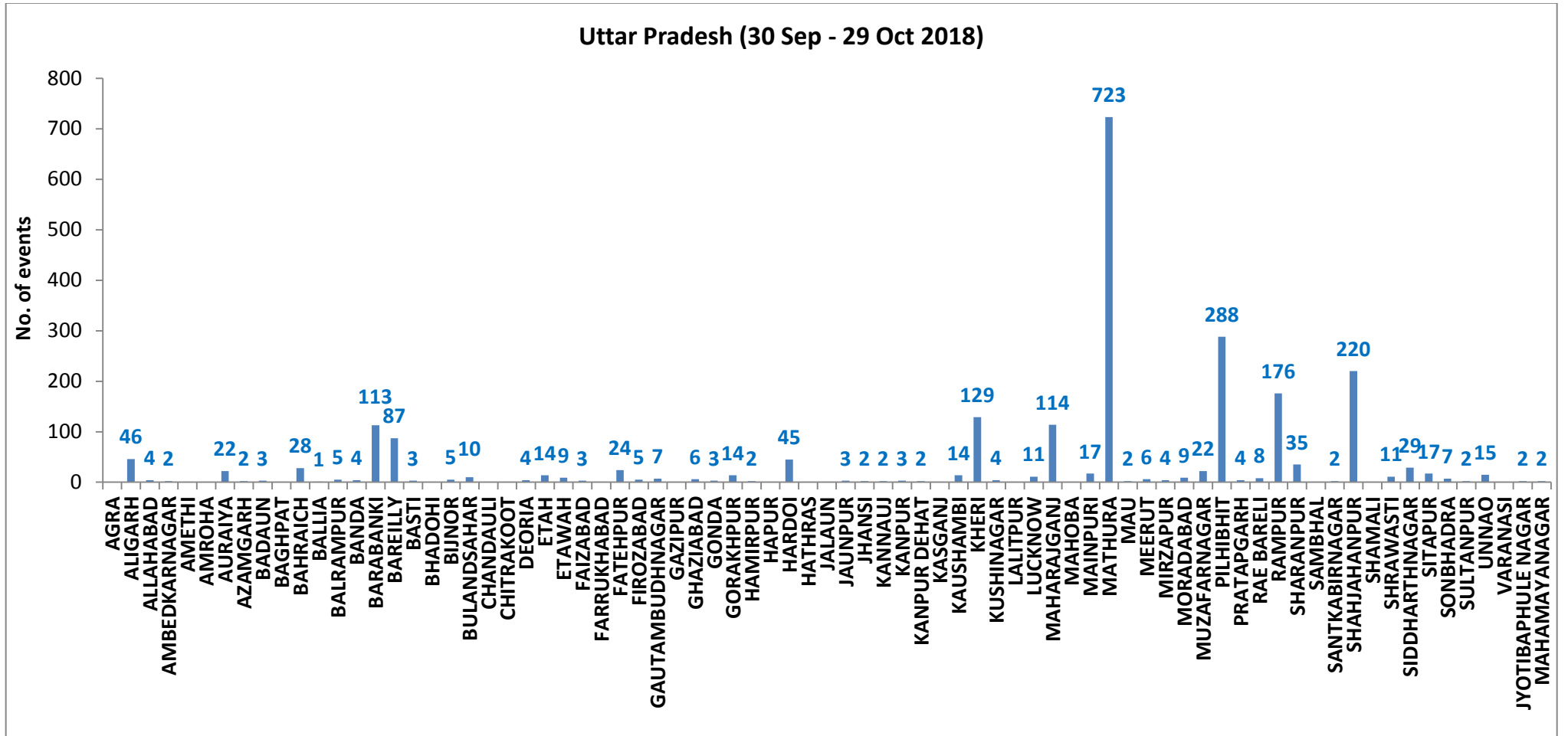
**Fire Intensity (W/m<sup>2</sup>)**

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



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

**District-wise cumulative number of residue burning events in Uttar Pradesh (30-Sep-2018 to 29-Oct-2018)**



**State wise, date wise and district-wise number of residue burning events detected in 2016, 2017 and 2018**  
**(Period: 30-Sep to 29-Oct)**

| Date          | Punjab |      |      | Haryana |      |      | UP   |      |      | Total |      |      |
|---------------|--------|------|------|---------|------|------|------|------|------|-------|------|------|
|               | 2016   | 2017 | 2018 | 2016    | 2017 | 2018 | 2016 | 2017 | 2018 | 2016  | 2017 | 2018 |
| <b>30-Sep</b> | --     | --   | 11   | --      | ---  | 7    | --   | ---  | 13   | --    | ---  | 31   |
| <b>1-Oct</b>  | 109    | 54   | 16   | 46      | 13   | 9    | 23   | 2    | 11   | 178   | 69   | 36   |
| <b>2-Oct</b>  | 51     | 50   | 9    | 16      | 27   | 23   | 20   | 8    | 21   | 87    | 85   | 53   |
| <b>3-Oct</b>  | 66     | 62   | 4    | 16      | 40   | 9    | 16   | 17   | 12   | 98    | 119  | 25   |
| <b>4-Oct</b>  | 37     | 103  | 32   | 7       | 60   | 16   | 15   | 22   | 5    | 59    | 185  | 53   |
| <b>5-Oct</b>  | 95     | 106  | 56   | 15      | 68   | 30   | 14   | 20   | 10   | 124   | 194  | 96   |
| <b>6-Oct</b>  | 152    | 138  | 87   | 105     | 75   | 65   | 6    | 39   | 13   | 263   | 252  | 165  |
| <b>7-Oct</b>  | 171    | 105  | 162  | 126     | 97   | 180  | 24   | 31   | 69   | 321   | 233  | 411  |
| <b>8-Oct</b>  | 166    | 215  | 39   | 94      | 218  | 40   | 14   | 75   | 54   | 274   | 508  | 133  |
| <b>9-Oct</b>  | 270    | 163  | 75   | 121     | 148  | 47   | 22   | 87   | 32   | 413   | 398  | 154  |
| <b>10-Oct</b> | 597    | 164  | 23   | 242     | 151  | 37   | 74   | 126  | 21   | 913   | 441  | 81   |
| <b>11-Oct</b> | 652    | 177  | 30   | 336     | 87   | 78   | 128  | 74   | 24   | 1116  | 338  | 132  |
| <b>12-Oct</b> | 694    | 342  | 67   | 338     | 123  | 133  | 164  | 51   | 22   | 1196  | 516  | 222  |
| <b>13-Oct</b> | 467    | 470  | 62   | 284     | 207  | 147  | 102  | 69   | 61   | 853   | 746  | 270  |
| <b>14-Oct</b> | 812    | 582  | 112  | 328     | 333  | 153  | 60   | 137  | 57   | 1200  | 1052 | 322  |
| <b>15-Oct</b> | 1215   | 943  | 90   | 248     | 458  | 110  | 76   | 237  | 35   | 1539  | 1638 | 235  |
| <b>16-Oct</b> | 1478   | 465  | 174  | 385     | 186  | 138  | 125  | 71   | 20   | 1988  | 722  | 332  |
| <b>17-Oct</b> | 2173   | 807  | 272  | 399     | 244  | 268  | 261  | 69   | 94   | 2833  | 1120 | 634  |
| <b>18-Oct</b> | 1065   | 970  | 263  | 270     | 306  | 255  | 204  | 108  | 163  | 1539  | 1384 | 681  |
| <b>19-Oct</b> | 1762   | 1591 | 254  | 276     | 541  | 208  | 132  | 128  | 108  | 2170  | 2260 | 570  |

|               |              |              |              |             |             |             |             |             |             |              |              |              |
|---------------|--------------|--------------|--------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|--------------|--------------|
| <b>20-Oct</b> | 1175         | 2653         | 496          | 188         | 597         | 141         | 62          | 255         | 49          | 1425         | 3505         | 686          |
| <b>21-Oct</b> | 1726         | 1139         | 618          | 257         | 233         | 217         | 152         | 168         | 66          | 2135         | 1540         | 901          |
| <b>22-Oct</b> | 2837         | 1356         | 656          | 309         | 186         | 134         | 194         | 151         | 149         | 3340         | 1693         | 939          |
| <b>23-Oct</b> | 2040         | 994          | 1113         | 313         | 155         | 232         | 331         | 72          | 193         | 2684         | 1221         | 1538         |
| <b>24-Oct</b> | 1836         | 1714         | 844          | 221         | 244         | 166         | 152         | 171         | 192         | 2209         | 2129         | 1202         |
| <b>25-Oct</b> | 1813         | 2104         | 1247         | 229         | 303         | 182         | 83          | 175         | 142         | 2125         | 2582         | 1571         |
| <b>26-Oct</b> | 3390         | 1715         | 1173         | 434         | 276         | 132         | 195         | 240         | 33          | 4019         | 2231         | 1338         |
| <b>27-Oct</b> | 2904         | 2069         | 2040         | 417         | 224         | 252         | 255         | 145         | 154         | 3576         | 2438         | 2446         |
| <b>28-Oct</b> | 3493         | 2318         | 2864         | 458         | 292         | 330         | 435         | 99          | 290         | 4386         | 2709         | 3484         |
| <b>29-Oct</b> | 2258         | 4184         | 1321         | 278         | 502         | 124         | 237         | 180         | 243         | 2773         | 4866         | 1688         |
| <b>Total</b>  | <b>35504</b> | <b>27753</b> | <b>14210</b> | <b>6756</b> | <b>6394</b> | <b>3863</b> | <b>3576</b> | <b>3031</b> | <b>2356</b> | <b>45836</b> | <b>37178</b> | <b>20429</b> |

**(a) Punjab**

| Districts       | 01 - 29 Oct  |              |              |
|-----------------|--------------|--------------|--------------|
|                 | 2016         | 2017         | 2018         |
| AMRITSAR        | 1322         | 1039         | 922          |
| BARNALA         | 644          | 536          | 207          |
| BATHINDA        | 2616         | 2306         | 999          |
| FARIDKOT        | 1944         | 1920         | 671          |
| FATEHGARH SAHIB | 1864         | 1069         | 394          |
| FAZILKA         | 0            | 0            | 0            |
| FIROZPUR        | 3612         | 3651         | 2218         |
| GURDASPUR       | 1504         | 994          | 673          |
| HOSHIARPUR      | 523          | 308          | 58           |
| JALANDHAR       | 2268         | 1124         | 401          |
| KAPURTHALA      | 2062         | 956          | 273          |
| LUDHIANA        | 2163         | 1548         | 348          |
| MANSA           | 1116         | 1392         | 827          |
| MOGA            | 950          | 612          | 272          |
| MUKTSAR         | 2944         | 2110         | 1177         |
| NAWASHAHR       | 607          | 338          | 55           |
| PATHANKOT       | 0            | 0            | 0            |
| PATIALA         | 3375         | 2811         | 1695         |
| RUPNAGAR        | 490          | 159          | 29           |
| SANGRUR         | 2435         | 2307         | 1113         |
| SAS NAGAR       | 112          | 102          | 95           |
| TARN TARAN      | 2742         | 2357         | 1702         |
| SBS NAGAR       | 211          | 114          | 81           |
| <b>Total</b>    | <b>35504</b> | <b>27753</b> | <b>14210</b> |

**(b) Haryana**

| Districts    | 01 - 29 Oct |             |             |
|--------------|-------------|-------------|-------------|
|              | 2016        | 2017        | 2018        |
| AMBALA       | 478         | 417         | 227         |
| BHIWANI      | 11          | 8           | 5           |
| FARIDABAD    | 114         | 210         | 148         |
| FATEHABAD    | 983         | 1005        | 518         |
| GURUGRAM     | 0           | 0           | 0           |
| HISAR        | 87          | 65          | 44          |
| JHAJJAR      | 5           | 5           | 7           |
| JIND         | 342         | 359         | 237         |
| KAITHAL      | 1532        | 1239        | 938         |
| KARNAL       | 1400        | 1334        | 686         |
| KURUKSHETRA  | 1019        | 1095        | 640         |
| PALWAL       | 0           | 0           | 0           |
| PANCHKULA    | 0           | 0           | 3           |
| PANIPAT      | 46          | 48          | 42          |
| REWARI       | 0           | 0           | 0           |
| ROHTAK       | 15          | 7           | 1           |
| SIRSA        | 510         | 331         | 217         |
| SONIPAT      | 22          | 29          | 18          |
| YAMUNANAGAR  | 192         | 242         | 130         |
| <b>Total</b> | <b>6756</b> | <b>6394</b> | <b>3863</b> |

**(c) Uttar Pradesh**

| Distrites     | 01-29 Oct |      |      | GAUTAMBUDH NAGAR |     |     | RAE BARELI |                    |      |      |      |
|---------------|-----------|------|------|------------------|-----|-----|------------|--------------------|------|------|------|
|               | 2016      | 2017 | 2018 |                  |     |     |            |                    |      |      |      |
| AGRA          | 0         | 0    | 0    | 6                | 11  | 7   | 8          | 3                  | 8    |      |      |
| ALIGARH       | 28        | 46   | 46   | 5                | 0   | 0   | 539        | 483                | 176  |      |      |
| ALLAHABAD     | 0         | 0    | 4    | GHAZIABAD        | 22  | 13  | 6          | SHARANPUR          | 42   | 60   | 35   |
| AMBEDKARNAGAR | 6         | 6    | 2    | GONDA            | 4   | 5   | 3          | SAMBHAL            | 0    | 0    | 0    |
| AMETHI        | 0         | 0    | 0    | GORAKHPUR        | 6   | 4   | 14         | SANTKABIRNAGAR     | 8    | 3    | 2    |
| AMROHA        | 0         | 0    | 0    | HAMIRPUR         | 0   | 0   | 2          | SHAHJAHANPUR       | 759  | 544  | 220  |
| AURAIYA       | 81        | 76   | 22   | HAPUR            | 0   | 0   | 0          | SHAMALI            | 0    | 0    | 0    |
| AZAMGARH      | 0         | 1    | 2    | HARDOI           | 93  | 58  | 45         | SHRAWASTI          | 6    | 7    | 11   |
| BADAUN        | 0         | 3    | 3    | HATHRAS          | 0   | 0   | 0          | SIDDHARTHANAGAR    | 8    | 3    | 29   |
| BAGHPAT       | 0         | 0    | 0    | JALAUN           | 0   | 0   | 0          | SITAPUR            | 61   | 25   | 17   |
| BAHRAICH      | 13        | 9    | 28   | JAUNPUR          | 2   | 1   | 3          | SONBHADRA          | 6    | 1    | 7    |
| BALLIA        | 1         | 0    | 1    | JHANSI           | 0   | 0   | 2          | SULTANPUR          | 5    | 0    | 2    |
| BALRAMPUR     | 2         | 3    | 5    | KANNAUJ          | 1   | 4   | 2          | UNNAO              | 14   | 7    | 15   |
| BANDA         | 1         | 1    | 4    | KANPUR           | 2   | 3   | 3          | VARANASI           | 0    | 0    | 0    |
| BARABANKI     | 117       | 63   | 113  | KANPUR DEHAT     | 1   | 8   | 2          | JYOTIBAPHULE NAGAR | 5    | 3    | 2    |
| BAREILLY      | 163       | 114  | 87   | KASGANJ          | 0   | 0   | 0          | MAHAMAYANAGAR      | 0    | 2    | 2    |
| BASTI         | 5         | 7    | 3    | KAUSHAMBI        | 5   | 9   | 14         | Total              | 3576 | 3031 | 2356 |
| BHADOHI       | 0         | 0    | 0    | KHERI            | 254 | 158 | 129        |                    |      |      |      |
| BIJNOR        | 16        | 7    | 5    | KUSHINAGAR       | 2   | 1   | 4          |                    |      |      |      |
| BULANDSAHAR   | 6         | 9    | 10   | LALITPUR         | 0   | 0   | 0          |                    |      |      |      |
| CHANDAUJI     | 2         | 0    | 0    | LUCKNOW          | 21  | 8   | 11         |                    |      |      |      |
| CHITRAKOOT    | 0         | 0    | 0    | MAHARAJGANJ      | 19  | 66  | 114        |                    |      |      |      |
| DEORIA        | 5         | 3    | 4    | MAHOBA           | 0   | 0   | 0          |                    |      |      |      |
| ETAH          | 5         | 16   | 14   | MAINPURI         | 9   | 20  | 17         |                    |      |      |      |
| ETAWAH        | 10        | 16   | 9    | MATHURA          | 427 | 521 | 723        |                    |      |      |      |
| FAIZABAD      | 1         | 2    | 3    | MAU              | 2   | 0   | 2          |                    |      |      |      |
| FARRUKHABAD   | 0         | 0    | 0    | MEERUT           | 29  | 18  | 6          |                    |      |      |      |
| FATEHPUR      | 19        | 9    | 24   | MIRZAPUR         | 0   | 6   | 4          |                    |      |      |      |
| FIROZABAD     | 8         | 4    | 5    | MORADABAD        | 23  | 16  | 9          |                    |      |      |      |
|               |           |      |      | MUZAFARNAGAR     | 73  | 70  | 22         |                    |      |      |      |
|               |           |      |      | PILHIBHIT        | 619 | 494 | 288        |                    |      |      |      |
|               |           |      |      | PRATAPGARH       | 1   | 1   | 4          |                    |      |      |      |

**Details of residue burning events in Punjab on 29-Oct-2018**

| <b>Event S. No.</b> | <b>District</b> | <b>Tehsil/Block</b> | <b>Satellite</b> | <b>Longitude</b> | <b>Latitude</b> | <b>Time (IST)</b> | <b>Day/Night</b> | <b>Fire Power (W/m<sup>2</sup>)</b> |
|---------------------|-----------------|---------------------|------------------|------------------|-----------------|-------------------|------------------|-------------------------------------|
| 1                   | AMRITSAR        | AMRITSAR I          | S-NPP            | 74.97196         | 31.63063        | 13:12:00          | D                | 6.20                                |
| 2                   | AMRITSAR        | AMRITSAR II         | S-NPP            | 74.84518         | 31.53823        | 13:12:00          | D                | 4.90                                |
| 3                   | AMRITSAR        | AMRITSAR II         | S-NPP            | 74.85076         | 31.53932        | 13:12:00          | D                | 5.50                                |
| 4                   | AMRITSAR        | AMRITSAR II         | S-NPP            | 74.84275         | 31.56984        | 13:12:00          | D                | 4.50                                |
| 5                   | AMRITSAR        | AMRITSAR II         | S-NPP            | 74.73637         | 31.59348        | 13:12:00          | D                | 3.50                                |
| 6                   | AMRITSAR        | AMRITSAR II         | TERRA-1          | 74.58413         | 31.59738        | 11:32:00          | D                | 11.65                               |
| 7                   | AMRITSAR        | AMRITSAR II         | S-NPP            | 74.62086         | 31.61604        | 13:12:00          | D                | 3.00                                |
| 8                   | AMRITSAR        | BABA BAKALA         | S-NPP            | 75.11399         | 31.51302        | 13:12:00          | D                | 2.40                                |
| 9                   | AMRITSAR        | BABA BAKALA         | S-NPP            | 75.16067         | 31.52985        | 13:12:00          | D                | 4.30                                |
| 10                  | AMRITSAR        | BABA BAKALA         | S-NPP            | 75.23337         | 31.57512        | 13:12:00          | D                | 3.40                                |
| 11                  | AMRITSAR        | BABA BAKALA         | S-NPP            | 75.24212         | 31.63879        | 13:12:00          | D                | 3.50                                |
| 12                  | AMRITSAR        | BABA BAKALA         | S-NPP            | 75.27498         | 31.64114        | 13:12:00          | D                | 3.50                                |
| 13                  | AMRITSAR        | BABA BAKALA         | S-NPP            | 75.30148         | 31.64620        | 13:12:00          | D                | 3.90                                |
| 14                  | AMRITSAR        | BABA BAKALA         | S-NPP            | 75.30724         | 31.66683        | 13:12:00          | D                | 4.00                                |
| 15                  | AMRITSAR        | BABA BAKALA         | S-NPP            | 75.15475         | 31.68451        | 13:12:00          | D                | 2.70                                |
| 16                  | BARNALA         | BARNALA             | S-NPP            | 75.48296         | 30.31122        | 13:12:00          | D                | 3.90                                |
| 17                  | BARNALA         | BARNALA             | S-NPP            | 75.51895         | 30.33617        | 13:12:00          | D                | 3.70                                |
| 18                  | BARNALA         | BARNALA             | S-NPP            | 75.51577         | 30.33714        | 13:12:00          | D                | 4.30                                |
| 19                  | BARNALA         | BARNALA             | S-NPP            | 75.64898         | 30.33847        | 13:12:00          | D                | 2.40                                |
| 20                  | BARNALA         | BARNALA             | S-NPP            | 75.59774         | 30.35528        | 13:12:00          | D                | 4.80                                |
| 21                  | BARNALA         | BARNALA             | S-NPP            | 75.58141         | 30.44256        | 13:12:00          | D                | 3.00                                |
| 22                  | BARNALA         | BARNALA             | S-NPP            | 75.26773         | 30.44505        | 13:12:00          | D                | 10.80                               |
| 23                  | BARNALA         | BARNALA             | S-NPP            | 75.35243         | 30.44939        | 13:12:00          | D                | 13.60                               |
| 24                  | BARNALA         | BARNALA             | S-NPP            | 75.53727         | 30.45330        | 13:12:00          | D                | 9.00                                |
| 25                  | BARNALA         | BARNALA             | S-NPP            | 75.61755         | 30.46480        | 13:12:00          | D                | 3.00                                |
| 26                  | BARNALA         | BARNALA             | S-NPP            | 75.58308         | 30.46996        | 13:12:00          | D                | 3.60                                |
| 27                  | BARNALA         | BARNALA             | S-NPP            | 75.64967         | 30.49053        | 13:12:00          | D                | 2.70                                |

|    |         |         |       |          |          |          |   |       |
|----|---------|---------|-------|----------|----------|----------|---|-------|
| 28 | BARNALA | BARNALA | S-NPP | 75.64162 | 30.50073 | 13:12:00 | D | 7.60  |
| 29 | BARNALA | BARNALA | S-NPP | 75.32510 | 30.50549 | 13:12:00 | D | 27.90 |
| 30 | BARNALA | BARNALA | S-NPP | 75.62923 | 30.50621 | 13:12:00 | D | 16.50 |
| 31 | BARNALA | BARNALA | S-NPP | 75.33052 | 30.50654 | 13:12:00 | D | 27.90 |
| 32 | BARNALA | BARNALA | S-NPP | 75.33157 | 30.50902 | 13:12:00 | D | 30.10 |
| 33 | BARNALA | BARNALA | S-NPP | 75.62268 | 30.53237 | 13:12:00 | D | 4.20  |
| 34 | BARNALA | BARNALA | S-NPP | 75.64894 | 30.53732 | 13:12:00 | D | 30.50 |
| 35 | BARNALA | BARNALA | S-NPP | 75.47260 | 30.56968 | 13:12:00 | D | 3.60  |
| 36 | BARNALA | TAPPA   | S-NPP | 75.55006 | 30.14323 | 13:12:00 | D | 16.10 |
| 37 | BARNALA | TAPPA   | S-NPP | 75.55447 | 30.14803 | 13:12:00 | D | 16.10 |
| 38 | BARNALA | TAPPA   | S-NPP | 75.52200 | 30.16556 | 13:12:00 | D | 3.30  |
| 39 | BARNALA | TAPPA   | S-NPP | 75.56230 | 30.22850 | 13:12:00 | D | 6.80  |
| 40 | BARNALA | TAPPA   | S-NPP | 75.55923 | 30.23091 | 13:12:00 | D | 7.30  |
| 41 | BARNALA | TAPPA   | S-NPP | 75.56135 | 30.23227 | 13:12:00 | D | 6.20  |
| 42 | BARNALA | TAPPA   | S-NPP | 75.37639 | 30.23932 | 13:12:00 | D | 7.90  |
| 43 | BARNALA | TAPPA   | S-NPP | 75.36452 | 30.24102 | 13:12:00 | D | 7.00  |
| 44 | BARNALA | TAPPA   | S-NPP | 75.52781 | 30.24461 | 13:12:00 | D | 11.00 |
| 45 | BARNALA | TAPPA   | S-NPP | 75.45861 | 30.25113 | 13:12:00 | D | 6.20  |
| 46 | BARNALA | TAPPA   | S-NPP | 75.45766 | 30.25491 | 13:12:00 | D | 6.20  |
| 47 | BARNALA | TAPPA   | S-NPP | 75.59177 | 30.25690 | 13:12:00 | D | 11.00 |
| 48 | BARNALA | TAPPA   | S-NPP | 75.56861 | 30.26034 | 13:12:00 | D | 38.70 |
| 49 | BARNALA | TAPPA   | S-NPP | 75.66582 | 30.27107 | 13:12:00 | D | 5.10  |
| 50 | BARNALA | TAPPA   | S-NPP | 75.63757 | 30.27353 | 13:12:00 | D | 5.40  |
| 51 | BARNALA | TAPPA   | S-NPP | 75.39047 | 30.27387 | 13:12:00 | D | 6.00  |
| 52 | BARNALA | TAPPA   | S-NPP | 75.39591 | 30.27490 | 13:12:00 | D | 8.80  |
| 53 | BARNALA | TAPPA   | S-NPP | 75.65400 | 30.29628 | 13:12:00 | D | 11.60 |
| 54 | BARNALA | TAPPA   | S-NPP | 75.44621 | 30.30033 | 13:12:00 | D | 9.20  |
| 55 | BARNALA | TAPPA   | S-NPP | 75.63628 | 30.30077 | 13:12:00 | D | 22.50 |
| 56 | BARNALA | TAPPA   | S-NPP | 75.45161 | 30.30135 | 13:12:00 | D | 9.20  |
| 57 | BARNALA | TAPPA   | S-NPP | 75.48391 | 30.30745 | 13:12:00 | D | 3.60  |



|    |          |          |       |          |          |          |   |       |
|----|----------|----------|-------|----------|----------|----------|---|-------|
| 58 | BARNALA  | TAPPA    | S-NPP | 75.58295 | 30.31428 | 13:12:00 | D | 27.80 |
| 59 | BARNALA  | TAPPA    | S-NPP | 75.44142 | 30.31924 | 13:12:00 | D | 7.60  |
| 60 | BARNALA  | TAPPA    | S-NPP | 75.43847 | 30.32059 | 13:12:00 | D | 4.50  |
| 61 | BARNALA  | TAPPA    | S-NPP | 75.42578 | 30.32607 | 13:12:00 | D | 3.20  |
| 62 | BARNALA  | TAPPA    | S-NPP | 75.36012 | 30.36115 | 13:12:00 | D | 4.90  |
| 63 | BARNALA  | TAPPA    | S-NPP | 75.41623 | 30.36393 | 13:12:00 | D | 5.30  |
| 64 | BATHINDA | BATHINDA | S-NPP | 74.79951 | 30.02553 | 13:12:00 | D | 6.30  |
| 65 | BATHINDA | BATHINDA | S-NPP | 74.70045 | 30.07834 | 13:12:00 | D | 2.70  |
| 66 | BATHINDA | BATHINDA | S-NPP | 74.76327 | 30.08674 | 13:12:00 | D | 20.00 |
| 67 | BATHINDA | BATHINDA | S-NPP | 75.10002 | 30.10054 | 13:12:00 | D | 15.10 |
| 68 | BATHINDA | BATHINDA | S-NPP | 74.70407 | 30.11226 | 13:12:00 | D | 9.20  |
| 69 | BATHINDA | BATHINDA | S-NPP | 74.67049 | 30.11391 | 13:12:00 | D | 5.40  |
| 70 | BATHINDA | BATHINDA | S-NPP | 74.97832 | 30.12537 | 13:12:00 | D | 14.10 |
| 71 | BATHINDA | BATHINDA | S-NPP | 74.98017 | 30.12627 | 13:12:00 | D | 14.10 |
| 72 | BATHINDA | BATHINDA | S-NPP | 74.72652 | 30.13325 | 13:12:00 | D | 3.30  |
| 73 | BATHINDA | BATHINDA | S-NPP | 75.01819 | 30.13325 | 13:12:00 | D | 3.80  |
| 74 | BATHINDA | BATHINDA | S-NPP | 74.87364 | 30.13336 | 13:12:00 | D | 13.80 |
| 75 | BATHINDA | BATHINDA | S-NPP | 75.02012 | 30.13392 | 13:12:00 | D | 3.40  |
| 76 | BATHINDA | BATHINDA | S-NPP | 74.82320 | 30.13988 | 13:12:00 | D | 4.10  |
| 77 | BATHINDA | BATHINDA | S-NPP | 75.02558 | 30.15100 | 13:12:00 | D | 4.00  |
| 78 | BATHINDA | BATHINDA | S-NPP | 74.88117 | 30.15125 | 13:12:00 | D | 7.90  |
| 79 | BATHINDA | BATHINDA | S-NPP | 74.88694 | 30.15239 | 13:12:00 | D | 11.20 |
| 80 | BATHINDA | BATHINDA | S-NPP | 74.91000 | 30.15690 | 13:12:00 | D | 4.40  |
| 81 | BATHINDA | BATHINDA | S-NPP | 75.02062 | 30.17037 | 13:12:00 | D | 2.50  |
| 82 | BATHINDA | BATHINDA | S-NPP | 75.05561 | 30.17314 | 13:12:00 | D | 5.60  |
| 83 | BATHINDA | BATHINDA | S-NPP | 75.05462 | 30.17701 | 13:12:00 | D | 5.60  |
| 84 | BATHINDA | BATHINDA | S-NPP | 75.06027 | 30.17811 | 13:12:00 | D | 10.50 |
| 85 | BATHINDA | BATHINDA | S-NPP | 75.02800 | 30.18808 | 13:12:00 | D | 2.60  |
| 86 | BATHINDA | BATHINDA | S-NPP | 75.05166 | 30.18861 | 13:12:00 | D | 8.00  |
| 87 | BATHINDA | BATHINDA | S-NPP | 75.01936 | 30.19860 | 13:12:00 | D | 4.30  |

|     |          |              |         |          |          |          |   |       |
|-----|----------|--------------|---------|----------|----------|----------|---|-------|
| 88  | BATHINDA | BATHINDA     | S-NPP   | 75.12487 | 30.20282 | 13:12:00 | D | 8.70  |
| 89  | BATHINDA | BATHINDA     | S-NPP   | 74.75928 | 30.23640 | 13:12:00 | D | 6.20  |
| 90  | BATHINDA | BATHINDA     | S-NPP   | 74.75826 | 30.24032 | 13:12:00 | D | 5.30  |
| 91  | BATHINDA | BATHINDA     | S-NPP   | 74.87057 | 30.25417 | 13:12:00 | D | 8.60  |
| 92  | BATHINDA | BATHINDA     | S-NPP   | 74.85225 | 30.25467 | 13:12:00 | D | 13.10 |
| 93  | BATHINDA | BATHINDA     | S-NPP   | 74.86453 | 30.27757 | 13:12:00 | D | 12.60 |
| 94  | BATHINDA | BATHINDA     | S-NPP   | 75.02049 | 30.32408 | 13:12:00 | D | 11.00 |
| 95  | BATHINDA | BATHINDA     | TERRA-1 | 74.89278 | 30.33375 | 11:32:00 | D | 14.80 |
| 96  | BATHINDA | BATHINDA     | S-NPP   | 75.02106 | 30.33649 | 13:12:00 | D | 4.20  |
| 97  | BATHINDA | BATHINDA     | S-NPP   | 75.02317 | 30.33676 | 13:12:00 | D | 3.50  |
| 98  | BATHINDA | BATHINDA     | S-NPP   | 74.95099 | 30.33917 | 13:12:00 | D | 6.80  |
| 99  | BATHINDA | BATHINDA     | S-NPP   | 74.95474 | 30.33963 | 13:12:00 | D | 3.80  |
| 100 | BATHINDA | BATHINDA     | S-NPP   | 74.92224 | 30.34952 | 13:12:00 | D | 5.30  |
| 101 | BATHINDA | BATHINDA     | S-NPP   | 75.12897 | 30.36104 | 13:12:00 | D | 8.40  |
| 102 | BATHINDA | BATHINDA     | S-NPP   | 75.12663 | 30.36139 | 13:12:00 | D | 8.10  |
| 103 | BATHINDA | BATHINDA     | S-NPP   | 74.94778 | 30.36676 | 13:12:00 | D | 6.20  |
| 104 | BATHINDA | BATHINDA     | S-NPP   | 74.96651 | 30.38670 | 13:12:00 | D | 20.00 |
| 105 | BATHINDA | RAMPURA PHUL | S-NPP   | 75.34303 | 30.13128 | 13:12:00 | D | 3.90  |
| 106 | BATHINDA | RAMPURA PHUL | S-NPP   | 75.30717 | 30.13641 | 13:12:00 | D | 15.20 |
| 107 | BATHINDA | RAMPURA PHUL | S-NPP   | 75.31073 | 30.14511 | 13:12:00 | D | 8.80  |
| 108 | BATHINDA | RAMPURA PHUL | S-NPP   | 75.19019 | 30.16229 | 13:12:00 | D | 7.80  |
| 109 | BATHINDA | RAMPURA PHUL | S-NPP   | 75.18787 | 30.16260 | 13:12:00 | D | 5.90  |
| 110 | BATHINDA | RAMPURA PHUL | S-NPP   | 75.18921 | 30.16613 | 13:12:00 | D | 7.80  |
| 111 | BATHINDA | RAMPURA PHUL | S-NPP   | 75.30493 | 30.16802 | 13:12:00 | D | 12.20 |
| 112 | BATHINDA | RAMPURA PHUL | S-NPP   | 75.17743 | 30.18073 | 13:12:00 | D | 4.90  |
| 113 | BATHINDA | RAMPURA PHUL | S-NPP   | 75.23531 | 30.22818 | 13:12:00 | D | 4.00  |
| 114 | BATHINDA | RAMPURA PHUL | S-NPP   | 75.36548 | 30.23722 | 13:12:00 | D | 9.50  |
| 115 | BATHINDA | RAMPURA PHUL | S-NPP   | 75.28880 | 30.30349 | 13:12:00 | D | 6.10  |
| 116 | BATHINDA | RAMPURA PHUL | S-NPP   | 75.28783 | 30.30730 | 13:12:00 | D | 6.10  |
| 117 | BATHINDA | RAMPURA PHUL | S-NPP   | 75.20682 | 30.37586 | 13:12:00 | D | 3.10  |

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|-----|----------|---------------|-------|----------|----------|----------|---|-------|
| 118 | BATHINDA | RAMPURA PHUL  | S-NPP | 75.20983 | 30.37774 | 13:12:00 | D | 7.90  |
| 119 | BATHINDA | RAMPURA PHUL  | S-NPP | 75.20138 | 30.38813 | 13:12:00 | D | 19.70 |
| 120 | BATHINDA | RAMPURA PHUL  | S-NPP | 75.20040 | 30.39195 | 13:12:00 | D | 19.70 |
| 121 | BATHINDA | RAMPURA PHUL  | S-NPP | 75.30039 | 30.39361 | 13:12:00 | D | 26.90 |
| 122 | BATHINDA | RAMPURA PHUL  | S-NPP | 75.29768 | 30.39493 | 13:12:00 | D | 35.00 |
| 123 | BATHINDA | RAMPURA PHUL  | S-NPP | 75.30315 | 30.39600 | 13:12:00 | D | 19.70 |
| 124 | BATHINDA | RAMPURA PHUL  | S-NPP | 75.12338 | 30.39704 | 13:12:00 | D | 14.80 |
| 125 | BATHINDA | RAMPURA PHUL  | S-NPP | 75.29942 | 30.39742 | 13:12:00 | D | 26.90 |
| 126 | BATHINDA | RAMPURA PHUL  | S-NPP | 75.26742 | 30.40102 | 13:12:00 | D | 2.80  |
| 127 | BATHINDA | RAMPURA PHUL  | S-NPP | 75.14825 | 30.41395 | 13:12:00 | D | 15.10 |
| 128 | BATHINDA | RAMPURA PHUL  | S-NPP | 75.09071 | 30.49578 | 13:12:00 | D | 11.90 |
| 129 | BATHINDA | TALWANDI SABO | S-NPP | 75.15301 | 29.85970 | 13:12:00 | D | 6.30  |
| 130 | BATHINDA | TALWANDI SABO | S-NPP | 75.24306 | 29.98283 | 13:12:00 | D | 5.90  |
| 131 | BATHINDA | TALWANDI SABO | S-NPP | 74.82970 | 29.98429 | 13:12:00 | D | 9.20  |
| 132 | BATHINDA | TALWANDI SABO | S-NPP | 74.82817 | 29.98578 | 13:12:00 | D | 10.30 |
| 133 | BATHINDA | TALWANDI SABO | S-NPP | 75.24209 | 29.98667 | 13:12:00 | D | 5.90  |
| 134 | BATHINDA | TALWANDI SABO | S-NPP | 75.20571 | 29.99172 | 13:12:00 | D | 9.80  |
| 135 | BATHINDA | TALWANDI SABO | S-NPP | 75.18136 | 29.99509 | 13:12:00 | D | 8.10  |
| 136 | BATHINDA | TALWANDI SABO | S-NPP | 75.13345 | 29.99797 | 13:12:00 | D | 5.40  |
| 137 | BATHINDA | TALWANDI SABO | S-NPP | 75.23917 | 29.99820 | 13:12:00 | D | 6.40  |
| 138 | BATHINDA | TALWANDI SABO | S-NPP | 75.24473 | 29.99928 | 13:12:00 | D | 6.40  |
| 139 | BATHINDA | TALWANDI SABO | S-NPP | 75.03780 | 29.99984 | 13:12:00 | D | 7.80  |
| 140 | BATHINDA | TALWANDI SABO | S-NPP | 75.13148 | 30.00570 | 13:12:00 | D | 8.50  |
| 141 | BATHINDA | TALWANDI SABO | S-NPP | 75.16525 | 30.01221 | 13:12:00 | D | 6.20  |
| 142 | BATHINDA | TALWANDI SABO | S-NPP | 75.23431 | 30.01742 | 13:12:00 | D | 10.60 |
| 143 | BATHINDA | TALWANDI SABO | S-NPP | 74.91022 | 30.02264 | 13:12:00 | D | 7.70  |
| 144 | BATHINDA | TALWANDI SABO | S-NPP | 75.21465 | 30.02574 | 13:12:00 | D | 7.50  |
| 145 | BATHINDA | TALWANDI SABO | S-NPP | 75.14121 | 30.03155 | 13:12:00 | D | 4.90  |
| 146 | BATHINDA | TALWANDI SABO | S-NPP | 75.24778 | 30.05624 | 13:12:00 | D | 59.30 |
| 147 | BATHINDA | TALWANDI SABO | S-NPP | 74.89439 | 30.06059 | 13:12:00 | D | 16.00 |

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| 148 | BATHINDA | TALWANDI SABO | S-NPP | 75.19597 | 30.07063 | 13:12:00 | D | 6.00  |
| 149 | BATHINDA | TALWANDI SABO | S-NPP | 75.20418 | 30.08434 | 13:12:00 | D | 3.60  |
| 150 | BATHINDA | TALWANDI SABO | S-NPP | 75.04810 | 30.09455 | 13:12:00 | D | 9.30  |
| 151 | BATHINDA | TALWANDI SABO | S-NPP | 75.04710 | 30.09843 | 13:12:00 | D | 9.30  |
| 152 | BATHINDA | TALWANDI SABO | S-NPP | 75.23562 | 30.09851 | 13:12:00 | D | 7.70  |
| 153 | BATHINDA | TALWANDI SABO | S-NPP | 75.27699 | 30.11857 | 13:12:00 | D | 11.90 |
| 154 | BATHINDA | TALWANDI SABO | S-NPP | 75.28251 | 30.11963 | 13:12:00 | D | 4.40  |
| 155 | BATHINDA | TALWANDI SABO | S-NPP | 75.12791 | 30.13021 | 13:12:00 | D | 5.30  |
| 156 | FARIDKOT | FARIDKOT      | S-NPP | 74.70634 | 30.53812 | 13:12:00 | D | 6.70  |
| 157 | FARIDKOT | FARIDKOT      | S-NPP | 74.68343 | 30.57887 | 13:12:00 | D | 10.40 |
| 158 | FARIDKOT | FARIDKOT      | S-NPP | 74.71532 | 30.59742 | 13:12:00 | D | 6.50  |
| 159 | FARIDKOT | FARIDKOT      | S-NPP | 74.62341 | 30.63499 | 13:12:00 | D | 6.00  |
| 160 | FARIDKOT | FARIDKOT      | S-NPP | 74.62926 | 30.63615 | 13:12:00 | D | 6.00  |
| 161 | FARIDKOT | FARIDKOT      | S-NPP | 74.62823 | 30.64008 | 13:12:00 | D | 6.00  |
| 162 | FARIDKOT | FARIDKOT      | S-NPP | 74.69246 | 30.65277 | 13:12:00 | D | 7.50  |
| 163 | FARIDKOT | FARIDKOT      | S-NPP | 74.87014 | 30.66738 | 13:12:00 | D | 6.10  |
| 164 | FARIDKOT | FARIDKOT      | S-NPP | 74.86913 | 30.67125 | 13:12:00 | D | 6.10  |
| 165 | FARIDKOT | FARIDKOT      | S-NPP | 74.50053 | 30.67287 | 13:12:00 | D | 2.50  |
| 166 | FARIDKOT | FARIDKOT      | S-NPP | 74.52326 | 30.68145 | 13:12:00 | D | 1.90  |
| 167 | FARIDKOT | FARIDKOT      | S-NPP | 74.52299 | 30.68333 | 13:12:00 | D | 2.30  |
| 168 | FARIDKOT | FARIDKOT      | S-NPP | 74.55873 | 30.69250 | 13:12:00 | D | 4.90  |
| 169 | FARIDKOT | FARIDKOT      | S-NPP | 74.55641 | 30.69420 | 13:12:00 | D | 3.20  |
| 170 | FARIDKOT | FARIDKOT      | S-NPP | 74.88689 | 30.69505 | 13:12:00 | D | 8.90  |
| 171 | FARIDKOT | FARIDKOT      | S-NPP | 74.60001 | 30.70053 | 13:12:00 | D | 3.00  |
| 172 | FARIDKOT | FARIDKOT      | S-NPP | 74.59759 | 30.70246 | 13:12:00 | D | 6.60  |
| 173 | FARIDKOT | FARIDKOT      | S-NPP | 74.59897 | 30.70446 | 13:12:00 | D | 3.20  |
| 174 | FARIDKOT | FARIDKOT      | S-NPP | 74.84939 | 30.72433 | 13:12:00 | D | 3.50  |
| 175 | FARIDKOT | FARIDKOT      | S-NPP | 74.60416 | 30.72441 | 13:12:00 | D | 8.90  |
| 176 | FARIDKOT | FARIDKOT      | S-NPP | 74.79073 | 30.74151 | 13:12:00 | D | 6.00  |
| 177 | FARIDKOT | FARIDKOT      | S-NPP | 74.48557 | 30.74639 | 13:12:00 | D | 5.10  |

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| 178 | FARIDKOT        | FARIDKOT        | S-NPP | 74.67867 | 30.76796 | 13:12:00 | D | 6.80  |
| 179 | FARIDKOT        | FARIDKOT        | S-NPP | 74.59663 | 30.77652 | 13:12:00 | D | 4.70  |
| 180 | FARIDKOT        | FARIDKOT        | S-NPP | 74.55723 | 30.78530 | 13:12:00 | D | 7.60  |
| 181 | FARIDKOT        | FARIDKOT        | S-NPP | 74.67149 | 30.79528 | 13:12:00 | D | 10.20 |
| 182 | FARIDKOT        | FARIDKOT        | S-NPP | 74.66944 | 30.80308 | 13:12:00 | D | 3.70  |
| 183 | FARIDKOT        | JAITO           | S-NPP | 74.80637 | 30.40048 | 13:12:00 | D | 8.20  |
| 184 | FARIDKOT        | JAITO           | S-NPP | 74.79874 | 30.40149 | 13:12:00 | D | 9.80  |
| 185 | FARIDKOT        | JAITO           | S-NPP | 74.80453 | 30.40265 | 13:12:00 | D | 9.80  |
| 186 | FARIDKOT        | JAITO           | S-NPP | 74.79956 | 30.40326 | 13:12:00 | D | 11.30 |
| 187 | FARIDKOT        | JAITO           | S-NPP | 74.82270 | 30.40774 | 13:12:00 | D | 4.00  |
| 188 | FARIDKOT        | JAITO           | S-NPP | 74.80434 | 30.40829 | 13:12:00 | D | 10.40 |
| 189 | FARIDKOT        | JAITO           | S-NPP | 74.82082 | 30.41000 | 13:12:00 | D | 5.30  |
| 190 | FARIDKOT        | JAITO           | S-NPP | 74.80251 | 30.41045 | 13:12:00 | D | 5.20  |
| 191 | FARIDKOT        | JAITO           | S-NPP | 74.83022 | 30.42556 | 13:12:00 | D | 6.40  |
| 192 | FARIDKOT        | JAITO           | S-NPP | 74.82832 | 30.42789 | 13:12:00 | D | 9.00  |
| 193 | FATEHGARH SAHIB | ALMOH           | S-NPP | 76.09145 | 30.54712 | 13:12:00 | D | 4.20  |
| 194 | FATEHGARH SAHIB | ALMOH           | S-NPP | 76.09384 | 30.54892 | 13:12:00 | D | 6.40  |
| 195 | FATEHGARH SAHIB | ALMOH           | S-NPP | 76.13475 | 30.55257 | 13:12:00 | D | 3.80  |
| 196 | FATEHGARH SAHIB | ALMOH           | S-NPP | 76.19941 | 30.56435 | 13:12:00 | D | 3.70  |
| 197 | FATEHGARH SAHIB | ALMOH           | S-NPP | 76.19595 | 30.56673 | 13:12:00 | D | 7.70  |
| 198 | FATEHGARH SAHIB | ALMOH           | S-NPP | 76.19851 | 30.56798 | 13:12:00 | D | 3.30  |
| 199 | FATEHGARH SAHIB | ALMOH           | S-NPP | 76.26818 | 30.58780 | 13:12:00 | D | 2.40  |
| 200 | FATEHGARH SAHIB | ALMOH           | S-NPP | 76.21232 | 30.62675 | 13:12:00 | D | 17.30 |
| 201 | FATEHGARH SAHIB | BASSI PATHANAN  | S-NPP | 76.43222 | 30.66703 | 13:12:00 | D | 3.30  |
| 202 | FATEHGARH SAHIB | BASSI PATHANAN  | S-NPP | 76.42436 | 30.69937 | 13:12:00 | D | 4.30  |
| 203 | FATEHGARH SAHIB | BASSI PATHANAN  | S-NPP | 76.42919 | 30.70024 | 13:12:00 | D | 7.00  |
| 204 | FATEHGARH SAHIB | BASSI PATHANAN  | S-NPP | 76.41427 | 30.72007 | 13:12:00 | D | 6.30  |
| 205 | FATEHGARH SAHIB | BASSI PATHANAN  | S-NPP | 76.41685 | 30.72059 | 13:12:00 | D | 6.20  |
| 206 | FATEHGARH SAHIB | FATEHGARH SAHIB | S-NPP | 76.40276 | 30.45848 | 13:12:00 | D | 3.10  |
| 207 | FATEHGARH SAHIB | FATEHGARH SAHIB | S-NPP | 76.35043 | 30.46406 | 13:12:00 | D | 2.50  |

|     |                 |                 |         |          |          |          |   |       |
|-----|-----------------|-----------------|---------|----------|----------|----------|---|-------|
| 208 | FATEHGARH SAHIB | FATEHGARH SAHIB | S-NPP   | 76.42047 | 30.46924 | 13:12:00 | D | 3.00  |
| 209 | FATEHGARH SAHIB | FATEHGARH SAHIB | S-NPP   | 76.42097 | 30.48816 | 13:12:00 | D | 2.00  |
| 210 | FATEHGARH SAHIB | FATEHGARH SAHIB | S-NPP   | 76.39335 | 30.50532 | 13:12:00 | D | 3.90  |
| 211 | FATEHGARH SAHIB | FATEHGARH SAHIB | S-NPP   | 76.48223 | 30.50670 | 13:12:00 | D | 6.60  |
| 212 | FATEHGARH SAHIB | FATEHGARH SAHIB | S-NPP   | 76.48401 | 30.50704 | 13:12:00 | D | 5.00  |
| 213 | FATEHGARH SAHIB | FATEHGARH SAHIB | S-NPP   | 76.42163 | 30.51431 | 13:12:00 | D | 3.10  |
| 214 | FATEHGARH SAHIB | FATEHGARH SAHIB | S-NPP   | 76.48623 | 30.51871 | 13:12:00 | D | 6.00  |
| 215 | FATEHGARH SAHIB | FATEHGARH SAHIB | S-NPP   | 76.39473 | 30.52065 | 13:12:00 | D | 3.80  |
| 216 | FATEHGARH SAHIB | FATEHGARH SAHIB | S-NPP   | 76.43839 | 30.52868 | 13:12:00 | D | 11.80 |
| 217 | FATEHGARH SAHIB | FATEHGARH SAHIB | TERRA-1 | 76.42922 | 30.56432 | 11:32:00 | D | 17.35 |
| 218 | FATEHGARH SAHIB | FATEHGARH SAHIB | S-NPP   | 76.53269 | 30.57592 | 13:12:00 | D | 2.80  |
| 219 | FATEHGARH SAHIB | FATEHGARH SAHIB | S-NPP   | 76.46664 | 30.57892 | 13:12:00 | D | 4.40  |
| 220 | FATEHGARH SAHIB | FATEHGARH SAHIB | S-NPP   | 76.53182 | 30.57950 | 13:12:00 | D | 2.80  |
| 221 | FATEHGARH SAHIB | FATEHGARH SAHIB | S-NPP   | 76.30390 | 30.57953 | 13:12:00 | D | 6.30  |
| 222 | FATEHGARH SAHIB | FATEHGARH SAHIB | S-NPP   | 76.30428 | 30.58695 | 13:12:00 | D | 2.40  |
| 223 | FATEHGARH SAHIB | FATEHGARH SAHIB | S-NPP   | 76.44614 | 30.60951 | 13:12:00 | D | 2.50  |
| 224 | FATEHGARH SAHIB | FATEHGARH SAHIB | S-NPP   | 76.44914 | 30.60952 | 13:12:00 | D | 2.70  |
| 225 | FATEHGARH SAHIB | FATEHGARH SAHIB | S-NPP   | 76.46847 | 30.61300 | 13:12:00 | D | 6.20  |
| 226 | FATEHGARH SAHIB | FATEHGARH SAHIB | S-NPP   | 76.46545 | 30.61308 | 13:12:00 | D | 2.90  |
| 227 | FATEHGARH SAHIB | FATEHGARH SAHIB | S-NPP   | 76.45310 | 30.61398 | 13:12:00 | D | 6.50  |
| 228 | FATEHGARH SAHIB | FATEHGARH SAHIB | S-NPP   | 76.40967 | 30.61404 | 13:12:00 | D | 5.10  |
| 229 | FATEHGARH SAHIB | FATEHGARH SAHIB | S-NPP   | 76.45493 | 30.61489 | 13:12:00 | D | 7.10  |
| 230 | FATEHGARH SAHIB | FATEHGARH SAHIB | S-NPP   | 76.40879 | 30.61764 | 13:12:00 | D | 5.10  |
| 231 | FATEHGARH SAHIB | FATEHGARH SAHIB | S-NPP   | 76.51752 | 30.61806 | 13:12:00 | D | 4.00  |
| 232 | FATEHGARH SAHIB | FATEHGARH SAHIB | S-NPP   | 76.44663 | 30.62837 | 13:12:00 | D | 5.50  |
| 233 | FATEHGARH SAHIB | FATEHGARH SAHIB | S-NPP   | 76.49174 | 30.62918 | 13:12:00 | D | 3.20  |
| 234 | FATEHGARH SAHIB | FATEHGARH SAHIB | S-NPP   | 76.45146 | 30.62926 | 13:12:00 | D | 5.50  |
| 235 | FATEHGARH SAHIB | KHAMANO         | S-NPP   | 76.43362 | 30.77618 | 13:12:00 | D | 5.20  |
| 236 | FATEHGARH SAHIB | KHAMANO         | S-NPP   | 76.30085 | 30.80094 | 13:12:00 | D | 3.50  |
| 237 | FATEHGARH SAHIB | KHAMANO         | S-NPP   | 76.30293 | 30.80146 | 13:12:00 | D | 3.10  |

|     |          |          |       |          |          |          |   |       |
|-----|----------|----------|-------|----------|----------|----------|---|-------|
| 238 | FIROZPUR | ABOHAR   | S-NPP | 74.14293 | 30.09623 | 13:12:00 | D | 2.60  |
| 239 | FIROZPUR | ABOHAR   | S-NPP | 74.31800 | 30.11473 | 13:12:00 | D | 8.50  |
| 240 | FIROZPUR | ABOHAR   | S-NPP | 74.31683 | 30.13570 | 13:12:00 | D | 3.30  |
| 241 | FIROZPUR | ABOHAR   | S-NPP | 74.27158 | 30.19394 | 13:12:00 | D | 3.00  |
| 242 | FIROZPUR | ABOHAR   | S-NPP | 74.27090 | 30.19438 | 13:12:00 | D | 3.90  |
| 243 | FIROZPUR | ABOHAR   | S-NPP | 74.23006 | 30.20247 | 13:12:00 | D | 39.10 |
| 244 | FIROZPUR | FAZILKA  | S-NPP | 73.99479 | 30.20177 | 13:12:00 | D | 4.60  |
| 245 | FIROZPUR | FAZILKA  | S-NPP | 74.03078 | 30.25208 | 13:12:00 | D | 2.80  |
| 246 | FIROZPUR | FAZILKA  | S-NPP | 74.03188 | 30.25404 | 13:12:00 | D | 4.30  |
| 247 | FIROZPUR | FAZILKA  | S-NPP | 74.07848 | 30.26365 | 13:12:00 | D | 25.70 |
| 248 | FIROZPUR | FAZILKA  | S-NPP | 74.07641 | 30.26547 | 13:12:00 | D | 13.20 |
| 249 | FIROZPUR | FAZILKA  | S-NPP | 74.08064 | 30.26632 | 13:12:00 | D | 13.20 |
| 250 | FIROZPUR | FAZILKA  | S-NPP | 74.06025 | 30.29853 | 13:12:00 | D | 6.00  |
| 251 | FIROZPUR | FAZILKA  | S-NPP | 74.19868 | 30.30964 | 13:12:00 | D | 4.40  |
| 252 | FIROZPUR | FAZILKA  | S-NPP | 74.20283 | 30.31048 | 13:12:00 | D | 4.40  |
| 253 | FIROZPUR | FAZILKA  | S-NPP | 74.04924 | 30.35633 | 13:12:00 | D | 3.80  |
| 254 | FIROZPUR | FAZILKA  | S-NPP | 74.11880 | 30.36170 | 13:12:00 | D | 3.50  |
| 255 | FIROZPUR | FAZILKA  | S-NPP | 74.11772 | 30.36575 | 13:12:00 | D | 4.50  |
| 256 | FIROZPUR | FAZILKA  | S-NPP | 74.08373 | 30.41318 | 13:12:00 | D | 1.80  |
| 257 | FIROZPUR | FAZILKA  | S-NPP | 74.20245 | 30.44575 | 13:12:00 | D | 8.40  |
| 258 | FIROZPUR | FAZILKA  | S-NPP | 74.07343 | 30.48619 | 13:12:00 | D | 9.10  |
| 259 | FIROZPUR | FAZILKA  | S-NPP | 74.07260 | 30.48782 | 13:12:00 | D | 9.40  |
| 260 | FIROZPUR | FIROZPUR | S-NPP | 74.46927 | 30.77638 | 13:12:00 | D | 2.10  |
| 261 | FIROZPUR | FIROZPUR | S-NPP | 74.46823 | 30.78032 | 13:12:00 | D | 5.60  |
| 262 | FIROZPUR | FIROZPUR | S-NPP | 74.46785 | 30.78151 | 13:12:00 | D | 5.10  |
| 263 | FIROZPUR | FIROZPUR | S-NPP | 74.42503 | 30.78535 | 13:12:00 | D | 1.90  |
| 264 | FIROZPUR | FIROZPUR | S-NPP | 74.43070 | 30.81145 | 13:12:00 | D | 2.60  |
| 265 | FIROZPUR | FIROZPUR | S-NPP | 74.39272 | 30.81219 | 13:12:00 | D | 4.10  |
| 266 | FIROZPUR | FIROZPUR | S-NPP | 74.44658 | 30.81463 | 13:12:00 | D | 5.30  |
| 267 | FIROZPUR | FIROZPUR | S-NPP | 74.42966 | 30.81540 | 13:12:00 | D | 4.80  |

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|-----|----------|----------|-------|----------|----------|----------|---|-------|
| 268 | FIROZPUR | FIROZPUR | S-NPP | 74.41666 | 30.81697 | 13:12:00 | D | 5.30  |
| 269 | FIROZPUR | FIROZPUR | S-NPP | 74.42065 | 30.81777 | 13:12:00 | D | 5.30  |
| 270 | FIROZPUR | FIROZPUR | S-NPP | 74.43552 | 30.82489 | 13:12:00 | D | 3.70  |
| 271 | FIROZPUR | FIROZPUR | S-NPP | 74.47723 | 30.82489 | 13:12:00 | D | 3.80  |
| 272 | FIROZPUR | FIROZPUR | S-NPP | 74.39757 | 30.82565 | 13:12:00 | D | 4.20  |
| 273 | FIROZPUR | FIROZPUR | S-NPP | 74.43049 | 30.82804 | 13:12:00 | D | 3.70  |
| 274 | FIROZPUR | FIROZPUR | S-NPP | 74.39651 | 30.82961 | 13:12:00 | D | 4.20  |
| 275 | FIROZPUR | FIROZPUR | S-NPP | 74.46619 | 30.83514 | 13:12:00 | D | 4.50  |
| 276 | FIROZPUR | FIROZPUR | S-NPP | 74.92529 | 30.83646 | 13:12:00 | D | 7.90  |
| 277 | FIROZPUR | FIROZPUR | S-NPP | 74.56579 | 30.83838 | 13:12:00 | D | 4.10  |
| 278 | FIROZPUR | FIROZPUR | S-NPP | 74.42339 | 30.83910 | 13:12:00 | D | 10.30 |
| 279 | FIROZPUR | FIROZPUR | S-NPP | 74.42737 | 30.83989 | 13:12:00 | D | 7.10  |
| 280 | FIROZPUR | FIROZPUR | S-NPP | 74.54609 | 30.84272 | 13:12:00 | D | 4.00  |
| 281 | FIROZPUR | FIROZPUR | S-NPP | 74.42631 | 30.84384 | 13:12:00 | D | 7.10  |
| 282 | FIROZPUR | FIROZPUR | S-NPP | 74.49578 | 30.84515 | 13:12:00 | D | 13.10 |
| 283 | FIROZPUR | FIROZPUR | S-NPP | 74.46703 | 30.84774 | 13:12:00 | D | 2.50  |
| 284 | FIROZPUR | FIROZPUR | S-NPP | 74.40829 | 30.84859 | 13:12:00 | D | 7.00  |
| 285 | FIROZPUR | FIROZPUR | S-NPP | 74.58717 | 30.85086 | 13:12:00 | D | 5.60  |
| 286 | FIROZPUR | FIROZPUR | S-NPP | 74.42024 | 30.85095 | 13:12:00 | D | 4.00  |
| 287 | FIROZPUR | FIROZPUR | S-NPP | 74.41814 | 30.85885 | 13:12:00 | D | 3.60  |
| 288 | FIROZPUR | FIROZPUR | S-NPP | 74.67654 | 30.86032 | 13:12:00 | D | 5.60  |
| 289 | FIROZPUR | FIROZPUR | S-NPP | 74.86680 | 30.86941 | 13:12:00 | D | 14.70 |
| 290 | FIROZPUR | FIROZPUR | S-NPP | 74.86900 | 30.87013 | 13:12:00 | D | 9.90  |
| 291 | FIROZPUR | FIROZPUR | S-NPP | 74.77071 | 30.87075 | 13:12:00 | D | 9.40  |
| 292 | FIROZPUR | FIROZPUR | S-NPP | 74.57996 | 30.87826 | 13:12:00 | D | 17.90 |
| 293 | FIROZPUR | FIROZPUR | S-NPP | 74.50520 | 30.88010 | 13:12:00 | D | 6.60  |
| 294 | FIROZPUR | FIROZPUR | S-NPP | 74.87976 | 30.88817 | 13:12:00 | D | 16.80 |
| 295 | FIROZPUR | FIROZPUR | S-NPP | 74.65469 | 30.89701 | 13:12:00 | D | 2.90  |
| 296 | FIROZPUR | FIROZPUR | S-NPP | 74.42846 | 30.90416 | 13:12:00 | D | 3.80  |
| 297 | FIROZPUR | FIROZPUR | S-NPP | 74.51643 | 30.90526 | 13:12:00 | D | 4.80  |



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|-----|----------|----------|-------|----------|----------|----------|---|-------|
| 298 | FIROZPUR | FIROZPUR | S-NPP | 74.51667 | 30.90712 | 13:12:00 | D | 4.10  |
| 299 | FIROZPUR | FIROZPUR | S-NPP | 74.52744 | 30.91333 | 13:12:00 | D | 4.00  |
| 300 | FIROZPUR | FIROZPUR | S-NPP | 74.49564 | 30.91349 | 13:12:00 | D | 5.70  |
| 301 | FIROZPUR | FIROZPUR | S-NPP | 74.64854 | 30.92040 | 13:12:00 | D | 2.90  |
| 302 | FIROZPUR | FIROZPUR | S-NPP | 74.64694 | 30.92320 | 13:12:00 | D | 9.60  |
| 303 | FIROZPUR | FIROZPUR | S-NPP | 74.46785 | 30.92449 | 13:12:00 | D | 5.50  |
| 304 | FIROZPUR | FIROZPUR | S-NPP | 74.79752 | 30.92891 | 13:12:00 | D | 4.80  |
| 305 | FIROZPUR | FIROZPUR | S-NPP | 74.45287 | 30.93393 | 13:12:00 | D | 5.40  |
| 306 | FIROZPUR | FIROZPUR | S-NPP | 74.74771 | 30.93553 | 13:12:00 | D | 9.00  |
| 307 | FIROZPUR | FIROZPUR | S-NPP | 74.42802 | 30.93728 | 13:12:00 | D | 4.30  |
| 308 | FIROZPUR | FIROZPUR | S-NPP | 74.69181 | 30.94104 | 13:12:00 | D | 1.70  |
| 309 | FIROZPUR | FIROZPUR | S-NPP | 74.73810 | 30.94550 | 13:12:00 | D | 4.50  |
| 310 | FIROZPUR | FIROZPUR | S-NPP | 74.73891 | 30.94605 | 13:12:00 | D | 4.40  |
| 311 | FIROZPUR | FIROZPUR | S-NPP | 74.66295 | 30.95508 | 13:12:00 | D | 4.40  |
| 312 | FIROZPUR | FIROZPUR | S-NPP | 74.66193 | 30.95897 | 13:12:00 | D | 4.40  |
| 313 | FIROZPUR | FIROZPUR | S-NPP | 74.62991 | 30.96492 | 13:12:00 | D | 5.50  |
| 314 | FIROZPUR | FIROZPUR | S-NPP | 74.58025 | 30.96743 | 13:12:00 | D | 2.80  |
| 315 | FIROZPUR | FIROZPUR | S-NPP | 74.68400 | 30.96743 | 13:12:00 | D | 9.80  |
| 316 | FIROZPUR | FIROZPUR | S-NPP | 74.78546 | 30.97119 | 13:12:00 | D | 10.30 |
| 317 | FIROZPUR | FIROZPUR | S-NPP | 74.64627 | 30.97225 | 13:12:00 | D | 4.90  |
| 318 | FIROZPUR | FIROZPUR | S-NPP | 74.68874 | 30.97245 | 13:12:00 | D | 9.80  |
| 319 | FIROZPUR | FIROZPUR | S-NPP | 74.69450 | 30.97359 | 13:12:00 | D | 10.80 |
| 320 | FIROZPUR | FIROZPUR | S-NPP | 74.74246 | 30.97490 | 13:12:00 | D | 4.90  |
| 321 | FIROZPUR | FIROZPUR | S-NPP | 74.78446 | 30.97505 | 13:12:00 | D | 10.30 |
| 322 | FIROZPUR | FIROZPUR | S-NPP | 74.72998 | 30.97651 | 13:12:00 | D | 5.80  |
| 323 | FIROZPUR | FIROZPUR | S-NPP | 74.62582 | 30.98051 | 13:12:00 | D | 5.20  |
| 324 | FIROZPUR | FIROZPUR | S-NPP | 74.73471 | 30.98152 | 13:12:00 | D | 5.80  |
| 325 | FIROZPUR | FIROZPUR | S-NPP | 74.74514 | 30.98764 | 13:12:00 | D | 6.40  |
| 326 | FIROZPUR | FIROZPUR | S-NPP | 74.66632 | 30.98848 | 13:12:00 | D | 3.70  |
| 327 | FIROZPUR | FIROZPUR | S-NPP | 74.69415 | 30.99802 | 13:12:00 | D | 6.50  |

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|-----|----------|-----------|-------|----------|----------|----------|---|-------|
| 328 | FIROZPUR | FIROZPUR  | S-NPP | 74.69990 | 30.99915 | 13:12:00 | D | 6.30  |
| 329 | FIROZPUR | FIROZPUR  | S-NPP | 74.62647 | 31.00113 | 13:12:00 | D | 15.90 |
| 330 | FIROZPUR | FIROZPUR  | S-NPP | 74.69312 | 31.00190 | 13:12:00 | D | 9.30  |
| 331 | FIROZPUR | FIROZPUR  | S-NPP | 74.76496 | 31.00374 | 13:12:00 | D | 7.60  |
| 332 | FIROZPUR | FIROZPUR  | S-NPP | 74.62545 | 31.00503 | 13:12:00 | D | 13.00 |
| 333 | FIROZPUR | FIROZPUR  | S-NPP | 74.78777 | 31.00821 | 13:12:00 | D | 2.60  |
| 334 | FIROZPUR | FIROZPUR  | S-NPP | 74.79346 | 31.00932 | 13:12:00 | D | 11.40 |
| 335 | FIROZPUR | FIROZPUR  | S-NPP | 74.79144 | 31.01704 | 13:12:00 | D | 6.60  |
| 336 | FIROZPUR | FIROZPUR  | S-NPP | 74.77802 | 31.02254 | 13:12:00 | D | 3.80  |
| 337 | FIROZPUR | FIROZPUR  | S-NPP | 74.71677 | 31.02690 | 13:12:00 | D | 9.30  |
| 338 | FIROZPUR | FIROZPUR  | S-NPP | 74.80141 | 31.04737 | 13:12:00 | D | 4.10  |
| 339 | FIROZPUR | FIROZPUR  | S-NPP | 74.77766 | 31.08298 | 13:12:00 | D | 4.70  |
| 340 | FIROZPUR | FIROZPUR  | S-NPP | 74.80966 | 31.09739 | 13:12:00 | D | 7.80  |
| 341 | FIROZPUR | JALALABAD | S-NPP | 74.26531 | 30.45420 | 13:12:00 | D | 3.60  |
| 342 | FIROZPUR | JALALABAD | S-NPP | 74.26424 | 30.45821 | 13:12:00 | D | 3.60  |
| 343 | FIROZPUR | JALALABAD | S-NPP | 74.26623 | 30.46706 | 13:12:00 | D | 19.30 |
| 344 | FIROZPUR | JALALABAD | S-NPP | 74.18870 | 30.53102 | 13:12:00 | D | 9.90  |
| 345 | FIROZPUR | JALALABAD | S-NPP | 74.34519 | 30.54169 | 13:12:00 | D | 3.00  |
| 346 | FIROZPUR | JALALABAD | S-NPP | 74.34531 | 30.54173 | 13:12:00 | D | 1.80  |
| 347 | FIROZPUR | JALALABAD | S-NPP | 74.32117 | 30.61668 | 13:12:00 | D | 3.00  |
| 348 | FIROZPUR | JALALABAD | S-NPP | 74.33017 | 30.63104 | 13:12:00 | D | 12.40 |
| 349 | FIROZPUR | JALALABAD | S-NPP | 74.33422 | 30.63184 | 13:12:00 | D | 12.40 |
| 350 | FIROZPUR | JALALABAD | S-NPP | 74.38374 | 30.63743 | 13:12:00 | D | 2.50  |
| 351 | FIROZPUR | JALALABAD | S-NPP | 74.42495 | 30.64139 | 13:12:00 | D | 7.90  |
| 352 | FIROZPUR | JALALABAD | S-NPP | 74.38567 | 30.64617 | 13:12:00 | D | 4.90  |
| 353 | FIROZPUR | JALALABAD | S-NPP | 74.20657 | 30.66139 | 13:12:00 | D | 7.40  |
| 354 | FIROZPUR | JALALABAD | S-NPP | 74.46661 | 30.67455 | 13:12:00 | D | 5.90  |
| 355 | FIROZPUR | JALALABAD | S-NPP | 74.46651 | 30.67609 | 13:12:00 | D | 8.40  |
| 356 | FIROZPUR | JALALABAD | S-NPP | 74.21980 | 30.67672 | 13:12:00 | D | 2.80  |
| 357 | FIROZPUR | JALALABAD | S-NPP | 74.44955 | 30.67684 | 13:12:00 | D | 3.30  |

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| 358 | FIROZPUR | JALALABAD | S-NPP | 74.26278 | 30.67692 | 13:12:00 | D | 8.70  |
| 359 | FIROZPUR | JALALABAD | S-NPP | 74.33986 | 30.69239 | 13:12:00 | D | 2.50  |
| 360 | FIROZPUR | JALALABAD | S-NPP | 74.34284 | 30.69718 | 13:12:00 | D | 2.80  |
| 361 | FIROZPUR | JALALABAD | S-NPP | 74.45628 | 30.69901 | 13:12:00 | D | 2.70  |
| 362 | FIROZPUR | JALALABAD | S-NPP | 74.27784 | 30.70097 | 13:12:00 | D | 7.00  |
| 363 | FIROZPUR | JALALABAD | S-NPP | 74.39006 | 30.71079 | 13:12:00 | D | 1.90  |
| 364 | FIROZPUR | JALALABAD | S-NPP | 74.30183 | 30.73930 | 13:12:00 | D | 9.30  |
| 365 | FIROZPUR | JALALABAD | S-NPP | 74.30482 | 30.74409 | 13:12:00 | D | 9.30  |
| 366 | FIROZPUR | JALALABAD | S-NPP | 74.42464 | 30.75515 | 13:12:00 | D | 4.80  |
| 367 | FIROZPUR | JALALABAD | S-NPP | 74.42862 | 30.75594 | 13:12:00 | D | 4.80  |
| 368 | FIROZPUR | JALALABAD | S-NPP | 74.35629 | 30.75839 | 13:12:00 | D | 9.60  |
| 369 | FIROZPUR | JALALABAD | S-NPP | 74.27124 | 30.75847 | 13:12:00 | D | 4.10  |
| 370 | FIROZPUR | JALALABAD | S-NPP | 74.35621 | 30.75892 | 13:12:00 | D | 8.20  |
| 371 | FIROZPUR | JALALABAD | S-NPP | 74.31681 | 30.76350 | 13:12:00 | D | 2.30  |
| 372 | FIROZPUR | JALALABAD | S-NPP | 74.27830 | 30.76409 | 13:12:00 | D | 9.70  |
| 373 | FIROZPUR | JALALABAD | S-NPP | 74.42548 | 30.76780 | 13:12:00 | D | 3.50  |
| 374 | FIROZPUR | JALALABAD | S-NPP | 74.36700 | 30.78200 | 13:12:00 | D | 6.90  |
| 375 | FIROZPUR | JALALABAD | S-NPP | 74.37101 | 30.78281 | 13:12:00 | D | 6.90  |
| 376 | FIROZPUR | JALALABAD | S-NPP | 74.36595 | 30.78597 | 13:12:00 | D | 8.50  |
| 377 | FIROZPUR | JALALABAD | S-NPP | 74.38788 | 30.79872 | 13:12:00 | D | 14.20 |
| 378 | FIROZPUR | JALALABAD | S-NPP | 74.39188 | 30.79952 | 13:12:00 | D | 14.20 |
| 379 | FIROZPUR | ZIRA      | S-NPP | 75.00642 | 30.86420 | 13:12:00 | D | 26.00 |
| 380 | FIROZPUR | ZIRA      | S-NPP | 75.17618 | 30.88077 | 13:12:00 | D | 2.20  |
| 381 | FIROZPUR | ZIRA      | S-NPP | 75.00405 | 30.89591 | 13:12:00 | D | 5.60  |
| 382 | FIROZPUR | ZIRA      | S-NPP | 75.00156 | 30.89597 | 13:12:00 | D | 3.00  |
| 383 | FIROZPUR | ZIRA      | S-NPP | 75.07564 | 30.90248 | 13:12:00 | D | 3.40  |
| 384 | FIROZPUR | ZIRA      | S-NPP | 75.02283 | 30.90416 | 13:12:00 | D | 3.90  |
| 385 | FIROZPUR | ZIRA      | S-NPP | 75.02838 | 30.90525 | 13:12:00 | D | 5.40  |
| 386 | FIROZPUR | ZIRA      | S-NPP | 74.98086 | 30.90801 | 13:12:00 | D | 5.30  |
| 387 | FIROZPUR | ZIRA      | S-NPP | 74.99760 | 30.91128 | 13:12:00 | D | 2.80  |

|     |          |      |       |          |          |          |   |       |
|-----|----------|------|-------|----------|----------|----------|---|-------|
| 388 | FIROZPUR | ZIRA | S-NPP | 75.12144 | 30.91420 | 13:12:00 | D | 10.80 |
| 389 | FIROZPUR | ZIRA | S-NPP | 75.11872 | 30.91492 | 13:12:00 | D | 5.80  |
| 390 | FIROZPUR | ZIRA | S-NPP | 75.12421 | 30.91600 | 13:12:00 | D | 5.80  |
| 391 | FIROZPUR | ZIRA | S-NPP | 74.99004 | 30.91785 | 13:12:00 | D | 5.80  |
| 392 | FIROZPUR | ZIRA | S-NPP | 75.01232 | 30.92220 | 13:12:00 | D | 5.60  |
| 393 | FIROZPUR | ZIRA | S-NPP | 74.99461 | 30.92277 | 13:12:00 | D | 5.80  |
| 394 | FIROZPUR | ZIRA | S-NPP | 75.30070 | 30.92829 | 13:12:00 | D | 4.20  |
| 395 | FIROZPUR | ZIRA | S-NPP | 74.99165 | 30.93425 | 13:12:00 | D | 32.90 |
| 396 | FIROZPUR | ZIRA | S-NPP | 75.26885 | 30.94206 | 13:12:00 | D | 8.20  |
| 397 | FIROZPUR | ZIRA | S-NPP | 75.27122 | 30.94465 | 13:12:00 | D | 7.70  |
| 398 | FIROZPUR | ZIRA | S-NPP | 75.02207 | 30.95220 | 13:12:00 | D | 3.60  |
| 399 | FIROZPUR | ZIRA | S-NPP | 74.93795 | 30.96009 | 13:12:00 | D | 4.10  |
| 400 | FIROZPUR | ZIRA | S-NPP | 74.93394 | 30.97544 | 13:12:00 | D | 7.20  |
| 401 | FIROZPUR | ZIRA | S-NPP | 74.93268 | 30.97601 | 13:12:00 | D | 11.20 |
| 402 | FIROZPUR | ZIRA | S-NPP | 74.86797 | 30.97895 | 13:12:00 | D | 6.90  |
| 403 | FIROZPUR | ZIRA | S-NPP | 74.86687 | 30.97916 | 13:12:00 | D | 6.20  |
| 404 | FIROZPUR | ZIRA | S-NPP | 74.94415 | 30.98142 | 13:12:00 | D | 5.40  |
| 405 | FIROZPUR | ZIRA | S-NPP | 74.94288 | 30.98206 | 13:12:00 | D | 6.90  |
| 406 | FIROZPUR | ZIRA | S-NPP | 74.86585 | 30.98301 | 13:12:00 | D | 6.20  |
| 407 | FIROZPUR | ZIRA | S-NPP | 74.82790 | 30.99173 | 13:12:00 | D | 11.10 |
| 408 | FIROZPUR | ZIRA | S-NPP | 74.89302 | 30.99240 | 13:12:00 | D | 10.60 |
| 409 | FIROZPUR | ZIRA | S-NPP | 74.86849 | 30.99566 | 13:12:00 | D | 6.20  |
| 410 | FIROZPUR | ZIRA | S-NPP | 75.30811 | 30.99923 | 13:12:00 | D | 3.30  |
| 411 | FIROZPUR | ZIRA | S-NPP | 75.00120 | 31.00561 | 13:12:00 | D | 7.70  |
| 412 | FIROZPUR | ZIRA | S-NPP | 74.85317 | 31.00884 | 13:12:00 | D | 4.20  |
| 413 | FIROZPUR | ZIRA | S-NPP | 75.02339 | 31.00996 | 13:12:00 | D | 1.90  |
| 414 | FIROZPUR | ZIRA | S-NPP | 74.88702 | 31.01546 | 13:12:00 | D | 4.60  |
| 415 | FIROZPUR | ZIRA | S-NPP | 75.00537 | 31.03452 | 13:12:00 | D | 3.10  |
| 416 | FIROZPUR | ZIRA | S-NPP | 74.91573 | 31.04122 | 13:12:00 | D | 5.10  |
| 417 | FIROZPUR | ZIRA | S-NPP | 74.94930 | 31.04773 | 13:12:00 | D | 4.60  |

|     |           |        |       |          |          |          |   |       |
|-----|-----------|--------|-------|----------|----------|----------|---|-------|
| 418 | FIROZPUR  | ZIRA   | S-NPP | 74.82513 | 31.04790 | 13:12:00 | D | 3.10  |
| 419 | FIROZPUR  | ZIRA   | S-NPP | 74.82775 | 31.06055 | 13:12:00 | D | 12.70 |
| 420 | FIROZPUR  | ZIRA   | S-NPP | 74.94532 | 31.06305 | 13:12:00 | D | 4.00  |
| 421 | FIROZPUR  | ZIRA   | S-NPP | 74.82674 | 31.06441 | 13:12:00 | D | 12.70 |
| 422 | FIROZPUR  | ZIRA   | S-NPP | 74.83002 | 31.06496 | 13:12:00 | D | 11.80 |
| 423 | FIROZPUR  | ZIRA   | S-NPP | 74.82903 | 31.06882 | 13:12:00 | D | 11.80 |
| 424 | FIROZPUR  | ZIRA   | S-NPP | 74.83140 | 31.06935 | 13:12:00 | D | 5.60  |
| 425 | FIROZPUR  | ZIRA   | S-NPP | 74.84736 | 31.07645 | 13:12:00 | D | 2.20  |
| 426 | FIROZPUR  | ZIRA   | S-NPP | 74.91233 | 31.07682 | 13:12:00 | D | 3.20  |
| 427 | FIROZPUR  | ZIRA   | S-NPP | 74.91794 | 31.07789 | 13:12:00 | D | 4.70  |
| 428 | FIROZPUR  | ZIRA   | S-NPP | 74.84394 | 31.07986 | 13:12:00 | D | 7.80  |
| 429 | FIROZPUR  | ZIRA   | S-NPP | 74.84634 | 31.08030 | 13:12:00 | D | 3.70  |
| 430 | FIROZPUR  | ZIRA   | S-NPP | 75.11974 | 31.08460 | 13:12:00 | D | 3.50  |
| 431 | FIROZPUR  | ZIRA   | S-NPP | 75.06087 | 31.08926 | 13:12:00 | D | 7.10  |
| 432 | FIROZPUR  | ZIRA   | S-NPP | 75.01823 | 31.09710 | 13:12:00 | D | 6.60  |
| 433 | FIROZPUR  | ZIRA   | S-NPP | 74.89616 | 31.10631 | 13:12:00 | D | 4.00  |
| 434 | FIROZPUR  | ZIRA   | S-NPP | 74.85645 | 31.12274 | 13:12:00 | D | 8.60  |
| 435 | FIROZPUR  | ZIRA   | S-NPP | 74.86208 | 31.12384 | 13:12:00 | D | 15.20 |
| 436 | FIROZPUR  | ZIRA   | S-NPP | 74.93690 | 31.13038 | 13:12:00 | D | 43.20 |
| 437 | FIROZPUR  | ZIRA   | S-NPP | 74.94247 | 31.13147 | 13:12:00 | D | 35.10 |
| 438 | GURDASPUR | BATALA | S-NPP | 75.36281 | 31.70848 | 13:12:00 | D | 7.60  |
| 439 | GURDASPUR | BATALA | S-NPP | 75.46068 | 31.71130 | 13:12:00 | D | 2.10  |
| 440 | GURDASPUR | BATALA | S-NPP | 75.39331 | 31.71808 | 13:12:00 | D | 1.80  |
| 441 | GURDASPUR | BATALA | S-NPP | 75.45879 | 31.71868 | 13:12:00 | D | 4.70  |
| 442 | GURDASPUR | BATALA | S-NPP | 75.30077 | 31.72447 | 13:12:00 | D | 2.40  |
| 443 | GURDASPUR | BATALA | S-NPP | 75.31131 | 31.72650 | 13:12:00 | D | 4.90  |
| 444 | GURDASPUR | BATALA | S-NPP | 75.23240 | 31.73091 | 13:12:00 | D | 3.00  |
| 445 | GURDASPUR | BATALA | S-NPP | 75.31467 | 31.73494 | 13:12:00 | D | 15.10 |
| 446 | GURDASPUR | BATALA | S-NPP | 75.52928 | 31.73956 | 13:12:00 | D | 4.00  |
| 447 | GURDASPUR | BATALA | S-NPP | 75.32328 | 31.74439 | 13:12:00 | D | 8.00  |

|     |           |                 |       |          |          |          |   |       |
|-----|-----------|-----------------|-------|----------|----------|----------|---|-------|
| 448 | GURDASPUR | BATALA          | S-NPP | 75.33380 | 31.74640 | 13:12:00 | D | 3.80  |
| 449 | GURDASPUR | BATALA          | S-NPP | 75.36625 | 31.74870 | 13:12:00 | D | 4.90  |
| 450 | GURDASPUR | BATALA          | S-NPP | 75.43837 | 31.76632 | 13:12:00 | D | 11.30 |
| 451 | GURDASPUR | BATALA          | S-NPP | 75.33332 | 31.76968 | 13:12:00 | D | 4.20  |
| 452 | GURDASPUR | BATALA          | S-NPP | 75.25363 | 31.77799 | 13:12:00 | D | 6.20  |
| 453 | GURDASPUR | BATALA          | S-NPP | 75.38049 | 31.77862 | 13:12:00 | D | 2.70  |
| 454 | GURDASPUR | BATALA          | S-NPP | 75.39855 | 31.79367 | 13:12:00 | D | 5.90  |
| 455 | GURDASPUR | BATALA          | S-NPP | 75.27505 | 31.81305 | 13:12:00 | D | 4.00  |
| 456 | GURDASPUR | BATALA          | S-NPP | 75.34958 | 31.82353 | 13:12:00 | D | 4.40  |
| 457 | GURDASPUR | BATALA          | S-NPP | 75.35235 | 31.82382 | 13:12:00 | D | 4.30  |
| 458 | GURDASPUR | BATALA          | S-NPP | 75.29852 | 31.82928 | 13:12:00 | D | 4.10  |
| 459 | GURDASPUR | BATALA          | S-NPP | 75.31430 | 31.83231 | 13:12:00 | D | 6.00  |
| 460 | GURDASPUR | BATALA          | S-NPP | 75.32481 | 31.83433 | 13:12:00 | D | 1.70  |
| 461 | GURDASPUR | BATALA          | S-NPP | 75.29660 | 31.83671 | 13:12:00 | D | 4.10  |
| 462 | GURDASPUR | BATALA          | S-NPP | 75.25628 | 31.86411 | 13:12:00 | D | 8.10  |
| 463 | GURDASPUR | BATALA          | S-NPP | 75.26157 | 31.86512 | 13:12:00 | D | 8.00  |
| 464 | GURDASPUR | BATALA          | S-NPP | 75.17133 | 31.90269 | 13:12:00 | D | 3.20  |
| 465 | GURDASPUR | DERA BABA NANAK | S-NPP | 74.93045 | 31.97287 | 13:12:00 | D | 4.50  |
| 466 | GURDASPUR | DERA BABA NANAK | S-NPP | 75.11194 | 32.01603 | 13:12:00 | D | 5.80  |
| 467 | GURDASPUR | DERA BABA NANAK | S-NPP | 74.95765 | 32.02170 | 13:12:00 | D | 4.70  |
| 468 | GURDASPUR | DERA BABA NANAK | S-NPP | 75.06421 | 32.02646 | 13:12:00 | D | 3.80  |
| 469 | GURDASPUR | GURDASPUR       | S-NPP | 75.43503 | 31.80055 | 13:12:00 | D | 5.40  |
| 470 | GURDASPUR | GURDASPUR       | S-NPP | 75.34481 | 31.84206 | 13:12:00 | D | 7.70  |
| 471 | GURDASPUR | GURDASPUR       | S-NPP | 75.43401 | 31.84679 | 13:12:00 | D | 5.30  |
| 472 | GURDASPUR | GURDASPUR       | S-NPP | 75.43110 | 31.84694 | 13:12:00 | D | 2.60  |
| 473 | GURDASPUR | GURDASPUR       | S-NPP | 75.37615 | 31.89073 | 13:12:00 | D | 2.90  |
| 474 | GURDASPUR | GURDASPUR       | S-NPP | 75.48078 | 31.90660 | 13:12:00 | D | 4.90  |
| 475 | GURDASPUR | GURDASPUR       | S-NPP | 75.47984 | 31.91028 | 13:12:00 | D | 5.50  |
| 476 | GURDASPUR | GURDASPUR       | S-NPP | 75.40310 | 31.93453 | 13:12:00 | D | 3.10  |
| 477 | GURDASPUR | GURDASPUR       | S-NPP | 75.34240 | 31.99003 | 13:12:00 | D | 5.50  |

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|-----|------------|--------------|-------|----------|----------|----------|---|-------|
| 478 | GURDASPUR  | GURDASPUR    | S-NPP | 75.22954 | 31.99981 | 13:12:00 | D | 4.30  |
| 479 | GURDASPUR  | GURDASPUR    | S-NPP | 75.32562 | 32.03341 | 13:12:00 | D | 6.90  |
| 480 | GURDASPUR  | GURDASPUR    | S-NPP | 75.17822 | 32.04055 | 13:12:00 | D | 2.30  |
| 481 | GURDASPUR  | GURDASPUR    | S-NPP | 75.31129 | 32.04625 | 13:12:00 | D | 6.10  |
| 482 | GURDASPUR  | GURDASPUR    | S-NPP | 75.30945 | 32.04627 | 13:12:00 | D | 6.10  |
| 483 | GURDASPUR  | GURDASPUR    | S-NPP | 75.41716 | 32.09390 | 13:12:00 | D | 3.90  |
| 484 | GURDASPUR  | GURDASPUR    | S-NPP | 75.29695 | 32.09435 | 13:12:00 | D | 4.20  |
| 485 | GURDASPUR  | GURDASPUR    | S-NPP | 75.31883 | 32.09462 | 13:12:00 | D | 4.90  |
| 486 | GURDASPUR  | GURDASPUR    | S-NPP | 75.41621 | 32.09758 | 13:12:00 | D | 3.90  |
| 487 | GURDASPUR  | PATHANKOT    | S-NPP | 75.39832 | 32.31291 | 13:12:00 | D | 1.30  |
| 488 | HOSHIARPUR | DASUYA       | S-NPP | 75.60452 | 31.62531 | 13:12:00 | D | 2.40  |
| 489 | HOSHIARPUR | DASUYA       | S-NPP | 75.60685 | 31.73091 | 13:12:00 | D | 8.00  |
| 490 | HOSHIARPUR | DASUYA       | S-NPP | 75.60592 | 31.73458 | 13:12:00 | D | 8.00  |
| 491 | HOSHIARPUR | DASUYA       | S-NPP | 75.63750 | 31.78865 | 13:12:00 | D | 4.10  |
| 492 | HOSHIARPUR | DASUYA       | S-NPP | 75.57987 | 31.80466 | 13:12:00 | D | 3.60  |
| 493 | JALANDHAR  | JALANDHAR II | S-NPP | 75.60178 | 31.55158 | 13:12:00 | D | 2.60  |
| 494 | JALANDHAR  | JALANDHAR II | S-NPP | 75.60282 | 31.55409 | 13:12:00 | D | 2.50  |
| 495 | JALANDHAR  | NAKODAR      | S-NPP | 75.54854 | 30.99426 | 13:12:00 | D | 6.60  |
| 496 | JALANDHAR  | NAKODAR      | S-NPP | 75.55118 | 30.99492 | 13:12:00 | D | 6.50  |
| 497 | JALANDHAR  | NAKODAR      | S-NPP | 75.50184 | 31.00485 | 13:12:00 | D | 3.30  |
| 498 | JALANDHAR  | NAKODAR      | S-NPP | 75.50156 | 31.07121 | 13:12:00 | D | 10.80 |
| 499 | JALANDHAR  | NAKODAR      | S-NPP | 75.42025 | 31.18888 | 13:12:00 | D | 4.00  |
| 500 | JALANDHAR  | NAKODAR      | S-NPP | 75.47746 | 31.19160 | 13:12:00 | D | 6.10  |
| 501 | JALANDHAR  | NAKODAR      | S-NPP | 75.48018 | 31.19226 | 13:12:00 | D | 15.30 |
| 502 | JALANDHAR  | NAKODAR      | S-NPP | 75.48270 | 31.19261 | 13:12:00 | D | 11.60 |
| 503 | JALANDHAR  | NAKODAR      | S-NPP | 75.44077 | 31.22753 | 13:12:00 | D | 3.10  |
| 504 | JALANDHAR  | NAKODAR      | S-NPP | 75.39566 | 31.23068 | 13:12:00 | D | 6.20  |
| 505 | JALANDHAR  | PHILLAUR     | S-NPP | 75.89325 | 31.02748 | 13:12:00 | D | 4.60  |
| 506 | JALANDHAR  | PHILLAUR     | S-NPP | 75.59045 | 31.04510 | 13:12:00 | D | 4.20  |
| 507 | JALANDHAR  | PHILLAUR     | S-NPP | 75.92352 | 31.08470 | 13:12:00 | D | 4.80  |

|     |            |            |       |          |          |          |   |       |
|-----|------------|------------|-------|----------|----------|----------|---|-------|
| 508 | JALANDHAR  | PHILLAUR   | S-NPP | 75.54404 | 31.09864 | 13:12:00 | D | 6.70  |
| 509 | JALANDHAR  | PHILLAUR   | S-NPP | 75.54243 | 31.09880 | 13:12:00 | D | 3.30  |
| 510 | JALANDHAR  | PHILLAUR   | S-NPP | 75.63963 | 31.10866 | 13:12:00 | D | 3.90  |
| 511 | JALANDHAR  | PHILLAUR   | S-NPP | 75.80489 | 31.13542 | 13:12:00 | D | 3.50  |
| 512 | JALANDHAR  | PHILLAUR   | S-NPP | 75.70111 | 31.13688 | 13:12:00 | D | 3.60  |
| 513 | JALANDHAR  | SHAHKOT    | S-NPP | 75.30960 | 31.05387 | 13:12:00 | D | 3.20  |
| 514 | JALANDHAR  | SHAHKOT    | S-NPP | 75.20884 | 31.09375 | 13:12:00 | D | 5.80  |
| 515 | JALANDHAR  | SHAHKOT    | S-NPP | 75.20787 | 31.09753 | 13:12:00 | D | 5.80  |
| 516 | JALANDHAR  | SHAHKOT    | S-NPP | 75.19410 | 31.10679 | 13:12:00 | D | 6.80  |
| 517 | JALANDHAR  | SHAHKOT    | S-NPP | 75.37383 | 31.10955 | 13:12:00 | D | 3.90  |
| 518 | JALANDHAR  | SHAHKOT    | S-NPP | 75.23299 | 31.11025 | 13:12:00 | D | 8.90  |
| 519 | JALANDHAR  | SHAHKOT    | S-NPP | 75.19313 | 31.11057 | 13:12:00 | D | 6.80  |
| 520 | JALANDHAR  | SHAHKOT    | S-NPP | 75.19215 | 31.11434 | 13:12:00 | D | 6.80  |
| 521 | JALANDHAR  | SHAHKOT    | S-NPP | 75.35357 | 31.14498 | 13:12:00 | D | 6.00  |
| 522 | JALANDHAR  | SHAHKOT    | S-NPP | 75.11745 | 31.14954 | 13:12:00 | D | 3.80  |
| 523 | JALANDHAR  | SHAHKOT    | S-NPP | 75.11647 | 31.15333 | 13:12:00 | D | 14.60 |
| 524 | JALANDHAR  | SHAHKOT    | S-NPP | 75.34779 | 31.17834 | 13:12:00 | D | 3.30  |
| 525 | JALANDHAR  | SHAHKOT    | S-NPP | 75.35025 | 31.17970 | 13:12:00 | D | 1.90  |
| 526 | KAPURTHALA | BHOLATH    | S-NPP | 75.54274 | 31.57127 | 13:12:00 | D | 2.60  |
| 527 | KAPURTHALA | BHOLATH    | S-NPP | 75.47675 | 31.57427 | 13:12:00 | D | 5.20  |
| 528 | KAPURTHALA | BHOLATH    | S-NPP | 75.54414 | 31.58699 | 13:12:00 | D | 3.50  |
| 529 | KAPURTHALA | BHOLATH    | S-NPP | 75.57742 | 31.60483 | 13:12:00 | D | 11.20 |
| 530 | KAPURTHALA | BHOLATH    | S-NPP | 75.48902 | 31.61145 | 13:12:00 | D | 4.10  |
| 531 | KAPURTHALA | BHOLATH    | S-NPP | 75.52766 | 31.63027 | 13:12:00 | D | 4.50  |
| 532 | KAPURTHALA | KAPURTHALA | S-NPP | 75.34996 | 31.40938 | 13:12:00 | D | 2.10  |
| 533 | KAPURTHALA | KAPURTHALA | S-NPP | 75.39604 | 31.44555 | 13:12:00 | D | 3.40  |
| 534 | KAPURTHALA | KAPURTHALA | S-NPP | 75.32836 | 31.47180 | 13:12:00 | D | 2.90  |
| 535 | KAPURTHALA | PHAGWARA   | S-NPP | 75.71944 | 31.26490 | 13:12:00 | D | 2.30  |
| 536 | KAPURTHALA | PHAGWARA   | S-NPP | 75.75748 | 31.28361 | 13:12:00 | D | 4.20  |
| 537 | KAPURTHALA | PHAGWARA   | S-NPP | 75.76904 | 31.34334 | 13:12:00 | D | 3.80  |



|     |            |                 |       |          |          |          |   |       |
|-----|------------|-----------------|-------|----------|----------|----------|---|-------|
| 538 | KAPURTHALA | SULTANPUR LODHI | S-NPP | 75.10455 | 31.15500 | 13:12:00 | D | 13.10 |
| 539 | KAPURTHALA | SULTANPUR LODHI | S-NPP | 75.07872 | 31.16593 | 13:12:00 | D | 5.40  |
| 540 | KAPURTHALA | SULTANPUR LODHI | S-NPP | 75.06676 | 31.16760 | 13:12:00 | D | 4.40  |
| 541 | KAPURTHALA | SULTANPUR LODHI | S-NPP | 75.07774 | 31.16973 | 13:12:00 | D | 4.50  |
| 542 | KAPURTHALA | SULTANPUR LODHI | S-NPP | 75.06381 | 31.17900 | 13:12:00 | D | 7.00  |
| 543 | KAPURTHALA | SULTANPUR LODHI | S-NPP | 75.13145 | 31.18406 | 13:12:00 | D | 4.30  |
| 544 | KAPURTHALA | SULTANPUR LODHI | S-NPP | 75.05889 | 31.19800 | 13:12:00 | D | 45.10 |
| 545 | KAPURTHALA | SULTANPUR LODHI | S-NPP | 75.13369 | 31.25447 | 13:12:00 | D | 7.20  |
| 546 | KAPURTHALA | SULTANPUR LODHI | S-NPP | 75.22562 | 31.27230 | 13:12:00 | D | 6.50  |
| 547 | KAPURTHALA | SULTANPUR LODHI | S-NPP | 75.23099 | 31.27335 | 13:12:00 | D | 8.70  |
| 548 | KAPURTHALA | SULTANPUR LODHI | S-NPP | 75.25783 | 31.27854 | 13:12:00 | D | 5.00  |
| 549 | LUDHIANA   | JAGRAON         | S-NPP | 75.37743 | 30.63456 | 13:12:00 | D | 16.50 |
| 550 | LUDHIANA   | JAGRAON         | S-NPP | 75.62048 | 30.88282 | 13:12:00 | D | 6.00  |
| 551 | LUDHIANA   | JAGRAON         | S-NPP | 75.52378 | 30.90777 | 13:12:00 | D | 6.30  |
| 552 | LUDHIANA   | JAGRAON         | S-NPP | 75.52904 | 30.90877 | 13:12:00 | D | 6.30  |
| 553 | LUDHIANA   | JAGRAON         | S-NPP | 75.54721 | 30.92395 | 13:12:00 | D | 7.40  |
| 554 | LUDHIANA   | KHANNA          | S-NPP | 76.27046 | 30.71613 | 13:12:00 | D | 11.20 |
| 555 | LUDHIANA   | KHANNA          | S-NPP | 76.22811 | 30.74237 | 13:12:00 | D | 4.60  |
| 556 | LUDHIANA   | LUDHIANA WEST   | S-NPP | 75.70519 | 30.77415 | 13:12:00 | D | 6.70  |
| 557 | LUDHIANA   | LUDHIANA WEST   | S-NPP | 75.71038 | 30.77511 | 13:12:00 | D | 6.70  |
| 558 | LUDHIANA   | PAYAL           | S-NPP | 75.94590 | 30.58124 | 13:12:00 | D | 3.40  |
| 559 | LUDHIANA   | PAYAL           | S-NPP | 75.98932 | 30.62001 | 13:12:00 | D | 14.70 |
| 560 | LUDHIANA   | PAYAL           | S-NPP | 75.98335 | 30.62275 | 13:12:00 | D | 6.20  |
| 561 | LUDHIANA   | PAYAL           | S-NPP | 76.05160 | 30.62382 | 13:12:00 | D | 7.60  |
| 562 | LUDHIANA   | PAYAL           | S-NPP | 76.02968 | 30.62744 | 13:12:00 | D | 1.80  |
| 563 | LUDHIANA   | PAYAL           | S-NPP | 76.05440 | 30.65491 | 13:12:00 | D | 3.00  |
| 564 | LUDHIANA   | SAMRALA         | S-NPP | 76.27320 | 30.74686 | 13:12:00 | D | 3.80  |
| 565 | LUDHIANA   | SAMRALA         | S-NPP | 76.14847 | 30.80302 | 13:12:00 | D | 4.00  |
| 566 | LUDHIANA   | SAMRALA         | S-NPP | 76.26215 | 30.84295 | 13:12:00 | D | 6.80  |
| 567 | MANSA      | BUDHLADA        | S-NPP | 75.60334 | 29.76396 | 13:12:00 | D | 3.60  |

|     |       |          |       |          |          |          |   |       |
|-----|-------|----------|-------|----------|----------|----------|---|-------|
| 568 | MANSA | BUDHLADA | S-NPP | 75.60146 | 29.77154 | 13:12:00 | D | 9.00  |
| 569 | MANSA | BUDHLADA | S-NPP | 75.57262 | 29.77403 | 13:12:00 | D | 2.40  |
| 570 | MANSA | BUDHLADA | S-NPP | 75.55357 | 29.78236 | 13:12:00 | D | 3.70  |
| 571 | MANSA | BUDHLADA | S-NPP | 75.55619 | 29.78496 | 13:12:00 | D | 6.20  |
| 572 | MANSA | BUDHLADA | S-NPP | 75.66456 | 29.81112 | 13:12:00 | D | 4.90  |
| 573 | MANSA | BUDHLADA | S-NPP | 75.66158 | 29.81329 | 13:12:00 | D | 2.80  |
| 574 | MANSA | BUDHLADA | S-NPP | 75.66850 | 29.83044 | 13:12:00 | D | 9.00  |
| 575 | MANSA | BUDHLADA | S-NPP | 75.68977 | 29.83452 | 13:12:00 | D | 10.90 |
| 576 | MANSA | BUDHLADA | S-NPP | 75.68353 | 29.83727 | 13:12:00 | D | 10.90 |
| 577 | MANSA | BUDHLADA | S-NPP | 75.59336 | 29.83979 | 13:12:00 | D | 5.30  |
| 578 | MANSA | BUDHLADA | S-NPP | 75.65756 | 29.85205 | 13:12:00 | D | 5.90  |
| 579 | MANSA | BUDHLADA | S-NPP | 75.66007 | 29.86438 | 13:12:00 | D | 4.90  |
| 580 | MANSA | BUDHLADA | S-NPP | 75.72472 | 29.87271 | 13:12:00 | D | 4.00  |
| 581 | MANSA | BUDHLADA | S-NPP | 75.40794 | 29.87627 | 13:12:00 | D | 4.00  |
| 582 | MANSA | BUDHLADA | S-NPP | 75.58392 | 29.87765 | 13:12:00 | D | 2.70  |
| 583 | MANSA | BUDHLADA | S-NPP | 75.58298 | 29.88144 | 13:12:00 | D | 2.70  |
| 584 | MANSA | BUDHLADA | S-NPP | 75.51156 | 29.88534 | 13:12:00 | D | 7.40  |
| 585 | MANSA | BUDHLADA | S-NPP | 75.51347 | 29.88818 | 13:12:00 | D | 10.90 |
| 586 | MANSA | BUDHLADA | S-NPP | 75.64819 | 29.88978 | 13:12:00 | D | 8.00  |
| 587 | MANSA | BUDHLADA | S-NPP | 75.52429 | 29.89022 | 13:12:00 | D | 3.90  |
| 588 | MANSA | BUDHLADA | S-NPP | 75.66949 | 29.89380 | 13:12:00 | D | 4.50  |
| 589 | MANSA | BUDHLADA | S-NPP | 75.47971 | 29.89908 | 13:12:00 | D | 8.20  |
| 590 | MANSA | BUDHLADA | S-NPP | 75.61140 | 29.90263 | 13:12:00 | D | 3.50  |
| 591 | MANSA | BUDHLADA | S-NPP | 75.72070 | 29.91130 | 13:12:00 | D | 2.40  |
| 592 | MANSA | BUDHLADA | S-NPP | 75.61938 | 29.94978 | 13:12:00 | D | 9.90  |
| 593 | MANSA | BUDHLADA | S-NPP | 75.60053 | 29.95804 | 13:12:00 | D | 20.00 |
| 594 | MANSA | BUDHLADA | S-NPP | 75.56554 | 29.96326 | 13:12:00 | D | 3.70  |
| 595 | MANSA | BUDHLADA | S-NPP | 75.57091 | 29.96428 | 13:12:00 | D | 3.70  |
| 596 | MANSA | BUDHLADA | S-NPP | 75.59330 | 29.96458 | 13:12:00 | D | 3.40  |
| 597 | MANSA | BUDHLADA | S-NPP | 75.57533 | 29.96908 | 13:12:00 | D | 5.80  |

|     |       |          |       |          |          |          |   |       |
|-----|-------|----------|-------|----------|----------|----------|---|-------|
| 598 | MANSA | BUDHLADA | S-NPP | 75.64292 | 29.98979 | 13:12:00 | D | 3.80  |
| 599 | MANSA | BUDHLADA | S-NPP | 75.64199 | 29.99356 | 13:12:00 | D | 3.80  |
| 600 | MANSA | BUDHLADA | S-NPP | 75.63290 | 30.00763 | 13:12:00 | D | 3.50  |
| 601 | MANSA | BUDHLADA | S-NPP | 75.65419 | 30.01162 | 13:12:00 | D | 9.50  |
| 602 | MANSA | BUDHLADA | S-NPP | 75.61695 | 30.03912 | 13:12:00 | D | 3.80  |
| 603 | MANSA | MANSA    | S-NPP | 75.44424 | 29.90419 | 13:12:00 | D | 3.10  |
| 604 | MANSA | MANSA    | S-NPP | 75.43142 | 29.90971 | 13:12:00 | D | 15.20 |
| 605 | MANSA | MANSA    | S-NPP | 75.47211 | 29.92951 | 13:12:00 | D | 31.00 |
| 606 | MANSA | MANSA    | S-NPP | 75.42923 | 29.94125 | 13:12:00 | D | 8.20  |
| 607 | MANSA | MANSA    | S-NPP | 75.43917 | 29.94714 | 13:12:00 | D | 4.30  |
| 608 | MANSA | MANSA    | S-NPP | 75.48714 | 29.96026 | 13:12:00 | D | 5.90  |
| 609 | MANSA | MANSA    | S-NPP | 75.41158 | 29.96585 | 13:12:00 | D | 6.00  |
| 610 | MANSA | MANSA    | S-NPP | 75.59311 | 30.02268 | 13:12:00 | D | 3.60  |
| 611 | MANSA | MANSA    | S-NPP | 75.35430 | 30.02443 | 13:12:00 | D | 5.00  |
| 612 | MANSA | MANSA    | S-NPP | 75.50506 | 30.03744 | 13:12:00 | D | 3.30  |
| 613 | MANSA | MANSA    | S-NPP | 75.48696 | 30.04191 | 13:12:00 | D | 6.10  |
| 614 | MANSA | MANSA    | S-NPP | 75.26182 | 30.04685 | 13:12:00 | D | 4.30  |
| 615 | MANSA | MANSA    | S-NPP | 75.26999 | 30.06046 | 13:12:00 | D | 6.30  |
| 616 | MANSA | MANSA    | S-NPP | 75.26846 | 30.06064 | 13:12:00 | D | 6.60  |
| 617 | MANSA | MANSA    | S-NPP | 75.48030 | 30.06846 | 13:12:00 | D | 4.20  |
| 618 | MANSA | MANSA    | S-NPP | 75.44043 | 30.06885 | 13:12:00 | D | 3.50  |
| 619 | MANSA | MANSA    | S-NPP | 75.34822 | 30.07130 | 13:12:00 | D | 7.80  |
| 620 | MANSA | MANSA    | S-NPP | 75.34650 | 30.07192 | 13:12:00 | D | 5.20  |
| 621 | MANSA | MANSA    | S-NPP | 75.47934 | 30.07226 | 13:12:00 | D | 4.20  |
| 622 | MANSA | MANSA    | S-NPP | 75.47298 | 30.07502 | 13:12:00 | D | 6.00  |
| 623 | MANSA | MANSA    | S-NPP | 75.47839 | 30.07605 | 13:12:00 | D | 6.00  |
| 624 | MANSA | MANSA    | S-NPP | 75.36822 | 30.08309 | 13:12:00 | D | 7.60  |
| 625 | MANSA | MANSA    | S-NPP | 75.37193 | 30.08489 | 13:12:00 | D | 5.40  |
| 626 | MANSA | MANSA    | S-NPP | 75.30224 | 30.08734 | 13:12:00 | D | 4.60  |
| 627 | MANSA | MANSA    | S-NPP | 75.34983 | 30.08761 | 13:12:00 | D | 13.80 |

|     |       |       |         |          |          |          |   |       |
|-----|-------|-------|---------|----------|----------|----------|---|-------|
| 628 | MANSA | MANSA | S-NPP   | 75.38831 | 30.08808 | 13:12:00 | D | 3.40  |
| 629 | MANSA | MANSA | S-NPP   | 75.34813 | 30.08825 | 13:12:00 | D | 14.30 |
| 630 | MANSA | MANSA | S-NPP   | 75.45194 | 30.09092 | 13:12:00 | D | 5.10  |
| 631 | MANSA | MANSA | S-NPP   | 75.38915 | 30.09103 | 13:12:00 | D | 4.20  |
| 632 | MANSA | MANSA | S-NPP   | 75.40466 | 30.09127 | 13:12:00 | D | 7.30  |
| 633 | MANSA | MANSA | S-NPP   | 75.45000 | 30.09213 | 13:12:00 | D | 5.70  |
| 634 | MANSA | MANSA | S-NPP   | 75.55284 | 30.09410 | 13:12:00 | D | 11.40 |
| 635 | MANSA | MANSA | S-NPP   | 75.40553 | 30.09412 | 13:12:00 | D | 6.60  |
| 636 | MANSA | MANSA | S-NPP   | 75.57333 | 30.10192 | 13:12:00 | D | 5.70  |
| 637 | MANSA | MANSA | S-NPP   | 75.43182 | 30.10305 | 13:12:00 | D | 2.30  |
| 638 | MANSA | MANSA | S-NPP   | 75.42992 | 30.10416 | 13:12:00 | D | 10.10 |
| 639 | MANSA | MANSA | TERRA-1 | 75.47598 | 30.10468 | 11:32:00 | D | 14.88 |
| 640 | MANSA | MANSA | S-NPP   | 75.54154 | 30.10991 | 13:12:00 | D | 13.40 |
| 641 | MANSA | MANSA | S-NPP   | 75.51490 | 30.11071 | 13:12:00 | D | 5.50  |
| 642 | MANSA | MANSA | S-NPP   | 75.54691 | 30.11095 | 13:12:00 | D | 15.30 |
| 643 | MANSA | MANSA | S-NPP   | 75.54273 | 30.11198 | 13:12:00 | D | 40.60 |
| 644 | MANSA | MANSA | S-NPP   | 75.51283 | 30.11228 | 13:12:00 | D | 13.50 |
| 645 | MANSA | MANSA | S-NPP   | 75.51395 | 30.11450 | 13:12:00 | D | 6.00  |
| 646 | MANSA | MANSA | S-NPP   | 75.51299 | 30.11828 | 13:12:00 | D | 6.00  |
| 647 | MANSA | MANSA | S-NPP   | 75.51838 | 30.11929 | 13:12:00 | D | 7.30  |
| 648 | MANSA | MANSA | S-NPP   | 75.60786 | 30.12025 | 13:12:00 | D | 3.60  |
| 649 | MANSA | MANSA | S-NPP   | 75.51630 | 30.12088 | 13:12:00 | D | 17.00 |
| 650 | MANSA | MANSA | S-NPP   | 75.61529 | 30.12814 | 13:12:00 | D | 3.30  |
| 651 | MANSA | MANSA | S-NPP   | 75.34947 | 30.12853 | 13:12:00 | D | 10.90 |
| 652 | MANSA | MANSA | S-NPP   | 75.61663 | 30.12977 | 13:12:00 | D | 3.30  |
| 653 | MANSA | MANSA | S-NPP   | 75.46211 | 30.13425 | 13:12:00 | D | 4.10  |
| 654 | MANSA | MANSA | S-NPP   | 75.50715 | 30.13498 | 13:12:00 | D | 4.40  |
| 655 | MANSA | MANSA | S-NPP   | 75.45924 | 30.14562 | 13:12:00 | D | 3.50  |
| 656 | MANSA | MANSA | S-NPP   | 75.47355 | 30.15631 | 13:12:00 | D | 9.70  |
| 657 | MANSA | MANSA | S-NPP   | 75.37008 | 30.16044 | 13:12:00 | D | 3.70  |

|     |       |            |       |          |          |          |   |       |
|-----|-------|------------|-------|----------|----------|----------|---|-------|
| 658 | MANSA | MANSA      | S-NPP | 75.45892 | 30.16940 | 13:12:00 | D | 7.20  |
| 659 | MANSA | SARDULGARH | S-NPP | 75.31866 | 29.64103 | 13:12:00 | D | 3.90  |
| 660 | MANSA | SARDULGARH | S-NPP | 75.32002 | 29.64133 | 13:12:00 | D | 4.30  |
| 661 | MANSA | SARDULGARH | S-NPP | 75.30098 | 29.64161 | 13:12:00 | D | 4.10  |
| 662 | MANSA | SARDULGARH | S-NPP | 75.30231 | 29.64201 | 13:12:00 | D | 4.80  |
| 663 | MANSA | SARDULGARH | S-NPP | 75.31770 | 29.64488 | 13:12:00 | D | 5.60  |
| 664 | MANSA | SARDULGARH | S-NPP | 75.31905 | 29.64518 | 13:12:00 | D | 4.30  |
| 665 | MANSA | SARDULGARH | S-NPP | 75.20052 | 29.66662 | 13:12:00 | D | 9.70  |
| 666 | MANSA | SARDULGARH | S-NPP | 75.22673 | 29.67982 | 13:12:00 | D | 6.10  |
| 667 | MANSA | SARDULGARH | S-NPP | 75.27525 | 29.69729 | 13:12:00 | D | 5.50  |
| 668 | MANSA | SARDULGARH | S-NPP | 75.21621 | 29.69808 | 13:12:00 | D | 6.40  |
| 669 | MANSA | SARDULGARH | S-NPP | 75.20568 | 29.71635 | 13:12:00 | D | 7.10  |
| 670 | MANSA | SARDULGARH | S-NPP | 75.20925 | 29.71700 | 13:12:00 | D | 5.50  |
| 671 | MANSA | SARDULGARH | S-NPP | 75.23383 | 29.72173 | 13:12:00 | D | 3.00  |
| 672 | MANSA | SARDULGARH | S-NPP | 75.23732 | 29.72253 | 13:12:00 | D | 4.90  |
| 673 | MANSA | SARDULGARH | S-NPP | 75.24293 | 29.72364 | 13:12:00 | D | 5.90  |
| 674 | MANSA | SARDULGARH | S-NPP | 75.24507 | 29.72387 | 13:12:00 | D | 5.80  |
| 675 | MANSA | SARDULGARH | S-NPP | 75.37317 | 29.74825 | 13:12:00 | D | 12.00 |
| 676 | MANSA | SARDULGARH | S-NPP | 75.37075 | 29.74877 | 13:12:00 | D | 10.90 |
| 677 | MANSA | SARDULGARH | S-NPP | 75.39978 | 29.75731 | 13:12:00 | D | 2.10  |
| 678 | MANSA | SARDULGARH | S-NPP | 75.40282 | 29.75906 | 13:12:00 | D | 3.50  |
| 679 | MANSA | SARDULGARH | S-NPP | 75.33276 | 29.76147 | 13:12:00 | D | 6.40  |
| 680 | MANSA | SARDULGARH | S-NPP | 75.36930 | 29.76359 | 13:12:00 | D | 2.60  |
| 681 | MANSA | SARDULGARH | S-NPP | 75.36691 | 29.76410 | 13:12:00 | D | 6.00  |
| 682 | MANSA | SARDULGARH | S-NPP | 75.34096 | 29.77514 | 13:12:00 | D | 6.20  |
| 683 | MANSA | SARDULGARH | S-NPP | 75.31854 | 29.79497 | 13:12:00 | D | 3.70  |
| 684 | MANSA | SARDULGARH | S-NPP | 75.21490 | 29.81137 | 13:12:00 | D | 7.20  |
| 685 | MANSA | SARDULGARH | S-NPP | 75.26530 | 29.82103 | 13:12:00 | D | 9.90  |
| 686 | MANSA | SARDULGARH | S-NPP | 75.34005 | 29.88400 | 13:12:00 | D | 5.30  |
| 687 | MANSA | SARDULGARH | S-NPP | 75.34557 | 29.88508 | 13:12:00 | D | 6.00  |

|     |      |              |       |          |          |          |   |       |
|-----|------|--------------|-------|----------|----------|----------|---|-------|
| 688 | MOGA | BAGHA PURANA | S-NPP | 75.02978 | 30.50410 | 13:12:00 | D | 3.10  |
| 689 | MOGA | BAGHA PURANA | S-NPP | 75.06606 | 30.62888 | 13:12:00 | D | 5.10  |
| 690 | MOGA | BAGHA PURANA | S-NPP | 75.06571 | 30.65296 | 13:12:00 | D | 4.10  |
| 691 | MOGA | BAGHA PURANA | S-NPP | 75.06473 | 30.65679 | 13:12:00 | D | 4.10  |
| 692 | MOGA | BAGHA PURANA | S-NPP | 75.13434 | 30.65811 | 13:12:00 | D | 2.00  |
| 693 | MOGA | BAGHA PURANA | S-NPP | 74.96338 | 30.66157 | 13:12:00 | D | 5.50  |
| 694 | MOGA | BAGHA PURANA | S-NPP | 74.96671 | 30.66208 | 13:12:00 | D | 4.90  |
| 695 | MOGA | BAGHA PURANA | S-NPP | 74.96902 | 30.66265 | 13:12:00 | D | 5.50  |
| 696 | MOGA | BAGHA PURANA | S-NPP | 74.97235 | 30.66320 | 13:12:00 | D | 4.90  |
| 697 | MOGA | BAGHA PURANA | S-NPP | 74.96572 | 30.66594 | 13:12:00 | D | 4.90  |
| 698 | MOGA | BAGHA PURANA | S-NPP | 74.95711 | 30.67638 | 13:12:00 | D | 6.30  |
| 699 | MOGA | BAGHA PURANA | S-NPP | 75.18461 | 30.68774 | 13:12:00 | D | 32.40 |
| 700 | MOGA | BAGHA PURANA | S-NPP | 75.00667 | 30.69016 | 13:12:00 | D | 4.10  |
| 701 | MOGA | BAGHA PURANA | S-NPP | 74.96968 | 30.71928 | 13:12:00 | D | 5.60  |
| 702 | MOGA | BAGHA PURANA | S-NPP | 74.97530 | 30.72038 | 13:12:00 | D | 5.30  |
| 703 | MOGA | BAGHA PURANA | S-NPP | 74.96868 | 30.72313 | 13:12:00 | D | 5.60  |
| 704 | MOGA | BAGHA PURANA | S-NPP | 74.96768 | 30.72698 | 13:12:00 | D | 4.70  |
| 705 | MOGA | BAGHA PURANA | S-NPP | 74.95206 | 30.76437 | 13:12:00 | D | 5.40  |
| 706 | MOGA | BAGHA PURANA | S-NPP | 74.94988 | 30.76446 | 13:12:00 | D | 4.60  |
| 707 | MOGA | BAGHA PURANA | S-NPP | 74.95105 | 30.76822 | 13:12:00 | D | 5.40  |
| 708 | MOGA | MOGA         | S-NPP | 75.36861 | 30.72660 | 13:12:00 | D | 3.40  |
| 709 | MOGA | MOGA         | S-NPP | 75.15913 | 30.73195 | 13:12:00 | D | 5.10  |
| 710 | MOGA | MOGA         | S-NPP | 75.15816 | 30.73576 | 13:12:00 | D | 5.10  |
| 711 | MOGA | MOGA         | S-NPP | 75.14616 | 30.73744 | 13:12:00 | D | 11.70 |
| 712 | MOGA | MOGA         | S-NPP | 75.14519 | 30.74125 | 13:12:00 | D | 11.70 |
| 713 | MOGA | MOGA         | S-NPP | 75.15742 | 30.78357 | 13:12:00 | D | 3.20  |
| 714 | MOGA | MOGA         | S-NPP | 74.97098 | 30.79689 | 13:12:00 | D | 13.40 |
| 715 | MOGA | MOGA         | S-NPP | 75.11654 | 30.82132 | 13:12:00 | D | 3.20  |
| 716 | MOGA | MOGA         | S-NPP | 75.05434 | 30.83729 | 13:12:00 | D | 3.70  |
| 717 | MOGA | MOGA         | S-NPP | 75.19139 | 30.84386 | 13:12:00 | D | 8.90  |

|     |         |                  |       |          |          |          |   |       |
|-----|---------|------------------|-------|----------|----------|----------|---|-------|
| 718 | MOGA    | MOGA             | S-NPP | 75.00085 | 30.86313 | 13:12:00 | D | 26.00 |
| 719 | MOGA    | NIHAL SINGH WALA | S-NPP | 75.29212 | 30.52296 | 13:12:00 | D | 4.80  |
| 720 | MOGA    | NIHAL SINGH WALA | S-NPP | 75.37547 | 30.63295 | 13:12:00 | D | 34.00 |
| 721 | MOGA    | NIHAL SINGH WALA | S-NPP | 75.37203 | 30.63354 | 13:12:00 | D | 16.50 |
| 722 | MOGA    | NIHAL SINGH WALA | S-NPP | 75.24173 | 30.66674 | 13:12:00 | D | 19.80 |
| 723 | MUKTSAR | GIDDARBAHA       | S-NPP | 74.62660 | 30.13854 | 13:12:00 | D | 6.60  |
| 724 | MUKTSAR | GIDDARBAHA       | S-NPP | 74.57835 | 30.16307 | 13:12:00 | D | 3.20  |
| 725 | MUKTSAR | GIDDARBAHA       | S-NPP | 74.70414 | 30.16340 | 13:12:00 | D | 5.00  |
| 726 | MUKTSAR | GIDDARBAHA       | S-NPP | 74.70650 | 30.16659 | 13:12:00 | D | 4.40  |
| 727 | MUKTSAR | GIDDARBAHA       | S-NPP | 74.60914 | 30.17342 | 13:12:00 | D | 9.30  |
| 728 | MUKTSAR | GIDDARBAHA       | S-NPP | 74.67051 | 30.17739 | 13:12:00 | D | 4.50  |
| 729 | MUKTSAR | GIDDARBAHA       | S-NPP | 74.60606 | 30.18530 | 13:12:00 | D | 3.90  |
| 730 | MUKTSAR | GIDDARBAHA       | S-NPP | 74.63878 | 30.18766 | 13:12:00 | D | 12.90 |
| 731 | MUKTSAR | GIDDARBAHA       | S-NPP | 74.59103 | 30.19481 | 13:12:00 | D | 4.00  |
| 732 | MUKTSAR | GIDDARBAHA       | S-NPP | 74.58602 | 30.19798 | 13:12:00 | D | 6.50  |
| 733 | MUKTSAR | GIDDARBAHA       | S-NPP | 74.59000 | 30.19877 | 13:12:00 | D | 6.50  |
| 734 | MUKTSAR | GIDDARBAHA       | S-NPP | 74.58777 | 30.22332 | 13:12:00 | D | 18.30 |
| 735 | MUKTSAR | GIDDARBAHA       | S-NPP | 74.63142 | 30.23192 | 13:12:00 | D | 3.10  |
| 736 | MUKTSAR | GIDDARBAHA       | S-NPP | 74.60351 | 30.24306 | 13:12:00 | D | 7.20  |
| 737 | MUKTSAR | GIDDARBAHA       | S-NPP | 74.58155 | 30.24709 | 13:12:00 | D | 2.80  |
| 738 | MUKTSAR | GIDDARBAHA       | S-NPP | 74.55740 | 30.26034 | 13:12:00 | D | 3.00  |
| 739 | MUKTSAR | GIDDARBAHA       | S-NPP | 74.55032 | 30.27144 | 13:12:00 | D | 2.70  |
| 740 | MUKTSAR | GIDDARBAHA       | S-NPP | 74.55325 | 30.27620 | 13:12:00 | D | 2.00  |
| 741 | MUKTSAR | GIDDARBAHA       | S-NPP | 74.60299 | 30.27783 | 13:12:00 | D | 3.00  |
| 742 | MUKTSAR | GIDDARBAHA       | S-NPP | 74.65431 | 30.28811 | 13:12:00 | D | 3.30  |
| 743 | MUKTSAR | GIDDARBAHA       | S-NPP | 74.71809 | 30.29258 | 13:12:00 | D | 14.40 |
| 744 | MUKTSAR | GIDDARBAHA       | S-NPP | 74.71363 | 30.29350 | 13:12:00 | D | 8.40  |
| 745 | MUKTSAR | GIDDARBAHA       | S-NPP | 74.55397 | 30.30553 | 13:12:00 | D | 2.40  |
| 746 | MUKTSAR | GIDDARBAHA       | S-NPP | 74.59371 | 30.31341 | 13:12:00 | D | 4.90  |
| 747 | MUKTSAR | GIDDARBAHA       | S-NPP | 74.51389 | 30.31426 | 13:12:00 | D | 3.40  |

|     |         |            |       |          |          |          |   |       |
|-----|---------|------------|-------|----------|----------|----------|---|-------|
| 748 | MUKTSAR | GIDDARBAHA | S-NPP | 74.55486 | 30.31820 | 13:12:00 | D | 4.70  |
| 749 | MUKTSAR | GIDDARBAHA | S-NPP | 74.55780 | 30.32295 | 13:12:00 | D | 4.70  |
| 750 | MUKTSAR | GIDDARBAHA | S-NPP | 74.56575 | 30.32452 | 13:12:00 | D | 7.00  |
| 751 | MUKTSAR | GIDDARBAHA | S-NPP | 74.55676 | 30.32691 | 13:12:00 | D | 9.30  |
| 752 | MUKTSAR | GIDDARBAHA | S-NPP | 74.54775 | 30.32930 | 13:12:00 | D | 5.80  |
| 753 | MUKTSAR | GIDDARBAHA | S-NPP | 74.55174 | 30.33008 | 13:12:00 | D | 9.30  |
| 754 | MUKTSAR | GIDDARBAHA | S-NPP | 74.52174 | 30.33251 | 13:12:00 | D | 12.40 |
| 755 | MUKTSAR | GIDDARBAHA | S-NPP | 74.54672 | 30.33326 | 13:12:00 | D | 7.50  |
| 756 | MUKTSAR | GIDDARBAHA | S-NPP | 74.55071 | 30.33404 | 13:12:00 | D | 12.20 |
| 757 | MUKTSAR | GIDDARBAHA | S-NPP | 74.69897 | 30.34248 | 13:12:00 | D | 5.30  |
| 758 | MUKTSAR | GIDDARBAHA | S-NPP | 74.53165 | 30.34280 | 13:12:00 | D | 4.10  |
| 759 | MUKTSAR | GIDDARBAHA | S-NPP | 74.69487 | 30.35820 | 13:12:00 | D | 3.10  |
| 760 | MUKTSAR | GIDDARBAHA | S-NPP | 74.60611 | 30.36153 | 13:12:00 | D | 2.30  |
| 761 | MUKTSAR | GIDDARBAHA | S-NPP | 74.64851 | 30.36981 | 13:12:00 | D | 2.80  |
| 762 | MUKTSAR | GIDDARBAHA | S-NPP | 74.65293 | 30.37223 | 13:12:00 | D | 5.60  |
| 763 | MUKTSAR | GIDDARBAHA | S-NPP | 74.68872 | 30.38177 | 13:12:00 | D | 5.80  |
| 764 | MUKTSAR | GIDDARBAHA | S-NPP | 74.68716 | 30.38325 | 13:12:00 | D | 9.80  |
| 765 | MUKTSAR | GIDDARBAHA | S-NPP | 74.58473 | 30.38342 | 13:12:00 | D | 2.10  |
| 766 | MUKTSAR | GIDDARBAHA | S-NPP | 74.68769 | 30.38569 | 13:12:00 | D | 5.20  |
| 767 | MUKTSAR | GIDDARBAHA | S-NPP | 74.64242 | 30.43636 | 13:12:00 | D | 49.10 |
| 768 | MUKTSAR | MALAUT     | S-NPP | 74.61533 | 29.93895 | 13:12:00 | D | 5.90  |
| 769 | MUKTSAR | MALAUT     | S-NPP | 74.51656 | 29.96106 | 13:12:00 | D | 5.60  |
| 770 | MUKTSAR | MALAUT     | S-NPP | 74.48508 | 29.96739 | 13:12:00 | D | 6.00  |
| 771 | MUKTSAR | MALAUT     | S-NPP | 74.48782 | 30.00581 | 13:12:00 | D | 1.70  |
| 772 | MUKTSAR | MALAUT     | S-NPP | 74.51513 | 30.01538 | 13:12:00 | D | 6.10  |
| 773 | MUKTSAR | MALAUT     | S-NPP | 74.51917 | 30.01618 | 13:12:00 | D | 6.10  |
| 774 | MUKTSAR | MALAUT     | S-NPP | 74.66451 | 30.02384 | 13:12:00 | D | 3.60  |
| 775 | MUKTSAR | MALAUT     | S-NPP | 74.66348 | 30.02780 | 13:12:00 | D | 3.70  |
| 776 | MUKTSAR | MALAUT     | S-NPP | 74.56049 | 30.03771 | 13:12:00 | D | 5.60  |
| 777 | MUKTSAR | MALAUT     | S-NPP | 74.55946 | 30.04170 | 13:12:00 | D | 2.60  |



|     |         |        |         |          |          |          |   |       |
|-----|---------|--------|---------|----------|----------|----------|---|-------|
| 778 | MUKTSAR | MALAUT | TERRA-1 | 74.45112 | 30.04329 | 11:32:00 | D | 26.31 |
| 779 | MUKTSAR | MALAUT | S-NPP   | 74.58038 | 30.05846 | 13:12:00 | D | 14.30 |
| 780 | MUKTSAR | MALAUT | S-NPP   | 74.47861 | 30.05903 | 13:12:00 | D | 3.50  |
| 781 | MUKTSAR | MALAUT | S-NPP   | 74.47352 | 30.06221 | 13:12:00 | D | 8.40  |
| 782 | MUKTSAR | MALAUT | S-NPP   | 74.53717 | 30.06236 | 13:12:00 | D | 7.50  |
| 783 | MUKTSAR | MALAUT | S-NPP   | 74.49673 | 30.07105 | 13:12:00 | D | 4.00  |
| 784 | MUKTSAR | MALAUT | S-NPP   | 74.50078 | 30.07186 | 13:12:00 | D | 4.40  |
| 785 | MUKTSAR | MALAUT | S-NPP   | 74.49973 | 30.07585 | 13:12:00 | D | 4.40  |
| 786 | MUKTSAR | MALAUT | S-NPP   | 74.51587 | 30.07906 | 13:12:00 | D | 4.00  |
| 787 | MUKTSAR | MALAUT | S-NPP   | 74.51990 | 30.07987 | 13:12:00 | D | 4.00  |
| 788 | MUKTSAR | MALAUT | S-NPP   | 74.51079 | 30.08225 | 13:12:00 | D | 14.40 |
| 789 | MUKTSAR | MALAUT | S-NPP   | 74.51482 | 30.08305 | 13:12:00 | D | 22.50 |
| 790 | MUKTSAR | MALAUT | S-NPP   | 74.51884 | 30.08385 | 13:12:00 | D | 22.50 |
| 791 | MUKTSAR | MALAUT | S-NPP   | 74.52274 | 30.10139 | 13:12:00 | D | 5.10  |
| 792 | MUKTSAR | MALAUT | S-NPP   | 74.40699 | 30.10374 | 13:12:00 | D | 2.20  |
| 793 | MUKTSAR | MALAUT | S-NPP   | 74.45389 | 30.10458 | 13:12:00 | D | 2.90  |
| 794 | MUKTSAR | MALAUT | S-NPP   | 74.44065 | 30.10617 | 13:12:00 | D | 2.00  |
| 795 | MUKTSAR | MALAUT | S-NPP   | 74.46907 | 30.11177 | 13:12:00 | D | 4.20  |
| 796 | MUKTSAR | MALAUT | S-NPP   | 74.45799 | 30.12201 | 13:12:00 | D | 4.60  |
| 797 | MUKTSAR | MALAUT | S-NPP   | 74.45779 | 30.12216 | 13:12:00 | D | 3.30  |
| 798 | MUKTSAR | MALAUT | S-NPP   | 74.46204 | 30.12284 | 13:12:00 | D | 4.20  |
| 799 | MUKTSAR | MALAUT | S-NPP   | 74.46185 | 30.12296 | 13:12:00 | D | 4.20  |
| 800 | MUKTSAR | MALAUT | S-NPP   | 74.40299 | 30.13616 | 13:12:00 | D | 2.80  |
| 801 | MUKTSAR | MALAUT | TERRA-1 | 74.41360 | 30.14211 | 11:32:00 | D | 13.31 |
| 802 | MUKTSAR | MALAUT | S-NPP   | 74.45173 | 30.14599 | 13:12:00 | D | 3.90  |
| 803 | MUKTSAR | MALAUT | S-NPP   | 74.45982 | 30.14762 | 13:12:00 | D | 4.10  |
| 804 | MUKTSAR | MALAUT | S-NPP   | 74.46387 | 30.14843 | 13:12:00 | D | 8.80  |
| 805 | MUKTSAR | MALAUT | S-NPP   | 74.52742 | 30.14865 | 13:12:00 | D | 8.40  |
| 806 | MUKTSAR | MALAUT | S-NPP   | 74.55736 | 30.16304 | 13:12:00 | D | 4.70  |
| 807 | MUKTSAR | MALAUT | TERRA-1 | 74.51933 | 30.21248 | 11:32:00 | D | 18.37 |

|     |         |         |         |          |          |          |   |       |
|-----|---------|---------|---------|----------|----------|----------|---|-------|
| 808 | MUKTSAR | MALAUT  | S-NPP   | 74.47824 | 30.23939 | 13:12:00 | D | 4.80  |
| 809 | MUKTSAR | MALAUT  | S-NPP   | 74.50346 | 30.24015 | 13:12:00 | D | 3.90  |
| 810 | MUKTSAR | MALAUT  | S-NPP   | 74.47837 | 30.24021 | 13:12:00 | D | 5.50  |
| 811 | MUKTSAR | MALAUT  | S-NPP   | 74.50352 | 30.24111 | 13:12:00 | D | 4.50  |
| 812 | MUKTSAR | MALAUT  | S-NPP   | 74.45512 | 30.24810 | 13:12:00 | D | 3.30  |
| 813 | MUKTSAR | MALAUT  | S-NPP   | 74.45603 | 30.26087 | 13:12:00 | D | 16.90 |
| 814 | MUKTSAR | MALAUT  | S-NPP   | 74.45991 | 30.27843 | 13:12:00 | D | 8.90  |
| 815 | MUKTSAR | MALAUT  | S-NPP   | 74.45677 | 30.29038 | 13:12:00 | D | 10.90 |
| 816 | MUKTSAR | MALAUT  | S-NPP   | 74.44765 | 30.29276 | 13:12:00 | D | 41.70 |
| 817 | MUKTSAR | MALAUT  | S-NPP   | 74.45169 | 30.29356 | 13:12:00 | D | 10.90 |
| 818 | MUKTSAR | MALAUT  | S-NPP   | 74.41212 | 30.29829 | 13:12:00 | D | 2.70  |
| 819 | MUKTSAR | MALAUT  | S-NPP   | 74.47482 | 30.30234 | 13:12:00 | D | 27.10 |
| 820 | MUKTSAR | MALAUT  | S-NPP   | 74.32730 | 30.34842 | 13:12:00 | D | 6.90  |
| 821 | MUKTSAR | MALAUT  | S-NPP   | 74.37409 | 30.36626 | 13:12:00 | D | 4.50  |
| 822 | MUKTSAR | MALAUT  | S-NPP   | 74.37303 | 30.37025 | 13:12:00 | D | 4.50  |
| 823 | MUKTSAR | MUKTSAR | S-NPP   | 74.44313 | 30.34216 | 13:12:00 | D | 2.50  |
| 824 | MUKTSAR | MUKTSAR | S-NPP   | 74.44417 | 30.34258 | 13:12:00 | D | 3.90  |
| 825 | MUKTSAR | MUKTSAR | TERRA-1 | 74.49682 | 30.35351 | 11:32:00 | D | 36.61 |
| 826 | MUKTSAR | MUKTSAR | S-NPP   | 74.38416 | 30.37669 | 13:12:00 | D | 5.00  |
| 827 | MUKTSAR | MUKTSAR | S-NPP   | 74.52605 | 30.38416 | 13:12:00 | D | 2.90  |
| 828 | MUKTSAR | MUKTSAR | S-NPP   | 74.44878 | 30.38960 | 13:12:00 | D | 2.60  |
| 829 | MUKTSAR | MUKTSAR | S-NPP   | 74.47393 | 30.39044 | 13:12:00 | D | 36.60 |
| 830 | MUKTSAR | MUKTSAR | S-NPP   | 74.46486 | 30.39281 | 13:12:00 | D | 2.30  |
| 831 | MUKTSAR | MUKTSAR | S-NPP   | 74.46887 | 30.39361 | 13:12:00 | D | 4.50  |
| 832 | MUKTSAR | MUKTSAR | S-NPP   | 74.47289 | 30.39441 | 13:12:00 | D | 4.50  |
| 833 | MUKTSAR | MUKTSAR | S-NPP   | 74.36443 | 30.41899 | 13:12:00 | D | 9.10  |
| 834 | MUKTSAR | MUKTSAR | S-NPP   | 74.31686 | 30.42242 | 13:12:00 | D | 3.50  |
| 835 | MUKTSAR | MUKTSAR | S-NPP   | 74.32049 | 30.42295 | 13:12:00 | D | 6.80  |
| 836 | MUKTSAR | MUKTSAR | S-NPP   | 74.32094 | 30.42325 | 13:12:00 | D | 3.50  |
| 837 | MUKTSAR | MUKTSAR | S-NPP   | 74.57337 | 30.42686 | 13:12:00 | D | 3.10  |

|     |         |         |       |          |          |          |   |       |
|-----|---------|---------|-------|----------|----------|----------|---|-------|
| 838 | MUKTSAR | MUKTSAR | S-NPP | 74.42008 | 30.43415 | 13:12:00 | D | 13.30 |
| 839 | MUKTSAR | MUKTSAR | S-NPP | 74.40285 | 30.43496 | 13:12:00 | D | 10.90 |
| 840 | MUKTSAR | MUKTSAR | S-NPP | 74.58214 | 30.44105 | 13:12:00 | D | 6.70  |
| 841 | MUKTSAR | MUKTSAR | S-NPP | 74.59589 | 30.45204 | 13:12:00 | D | 5.40  |
| 842 | MUKTSAR | MUKTSAR | S-NPP | 74.44508 | 30.46938 | 13:12:00 | D | 4.60  |
| 843 | MUKTSAR | MUKTSAR | S-NPP | 74.45712 | 30.47180 | 13:12:00 | D | 2.40  |
| 844 | MUKTSAR | MUKTSAR | S-NPP | 74.40472 | 30.47801 | 13:12:00 | D | 5.00  |
| 845 | MUKTSAR | MUKTSAR | S-NPP | 74.66845 | 30.47864 | 13:12:00 | D | 14.00 |
| 846 | MUKTSAR | MUKTSAR | S-NPP | 74.48701 | 30.48615 | 13:12:00 | D | 3.80  |
| 847 | MUKTSAR | MUKTSAR | S-NPP | 74.71172 | 30.49390 | 13:12:00 | D | 32.20 |
| 848 | MUKTSAR | MUKTSAR | S-NPP | 74.71322 | 30.49559 | 13:12:00 | D | 23.50 |
| 849 | MUKTSAR | MUKTSAR | S-NPP | 74.45379 | 30.50038 | 13:12:00 | D | 1.60  |
| 850 | MUKTSAR | MUKTSAR | S-NPP | 74.39836 | 30.50188 | 13:12:00 | D | 2.30  |
| 851 | MUKTSAR | MUKTSAR | S-NPP | 74.49879 | 30.50518 | 13:12:00 | D | 1.70  |
| 852 | MUKTSAR | MUKTSAR | S-NPP | 74.52350 | 30.52258 | 13:12:00 | D | 3.20  |
| 853 | MUKTSAR | MUKTSAR | S-NPP | 74.64967 | 30.54340 | 13:12:00 | D | 8.00  |
| 854 | MUKTSAR | MUKTSAR | S-NPP | 74.50826 | 30.54867 | 13:12:00 | D | 10.30 |
| 855 | MUKTSAR | MUKTSAR | S-NPP | 74.51224 | 30.54945 | 13:12:00 | D | 17.50 |
| 856 | MUKTSAR | MUKTSAR | S-NPP | 74.56168 | 30.56745 | 13:12:00 | D | 1.70  |
| 857 | MUKTSAR | MUKTSAR | S-NPP | 74.60612 | 30.56787 | 13:12:00 | D | 2.40  |
| 858 | MUKTSAR | MUKTSAR | S-NPP | 74.65694 | 30.58606 | 13:12:00 | D | 11.20 |
| 859 | MUKTSAR | MUKTSAR | S-NPP | 74.47262 | 30.58834 | 13:12:00 | D | 3.30  |
| 860 | MUKTSAR | MUKTSAR | S-NPP | 74.60375 | 30.60047 | 13:12:00 | D | 3.90  |
| 861 | MUKTSAR | MUKTSAR | S-NPP | 74.60123 | 30.60166 | 13:12:00 | D | 8.80  |
| 862 | MUKTSAR | MUKTSAR | S-NPP | 74.55193 | 30.60422 | 13:12:00 | D | 4.40  |
| 863 | MUKTSAR | MUKTSAR | S-NPP | 74.53509 | 30.60501 | 13:12:00 | D | 9.70  |
| 864 | MUKTSAR | MUKTSAR | S-NPP | 74.53010 | 30.60815 | 13:12:00 | D | 7.70  |
| 865 | MUKTSAR | MUKTSAR | S-NPP | 74.42934 | 30.60888 | 13:12:00 | D | 12.60 |
| 866 | MUKTSAR | MUKTSAR | S-NPP | 74.56660 | 30.61543 | 13:12:00 | D | 9.10  |
| 867 | MUKTSAR | MUKTSAR | S-NPP | 74.49004 | 30.63343 | 13:12:00 | D | 3.50  |

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|-----|-----------|-----------|---------|----------|----------|----------|---|-------|
| 868 | MUKTSAR   | MUKTSAR   | S-NPP   | 74.59195 | 30.63702 | 13:12:00 | D | 2.90  |
| 869 | MUKTSAR   | MUKTSAR   | S-NPP   | 74.48900 | 30.63738 | 13:12:00 | D | 3.50  |
| 870 | NAWASHAHR | NAWASHAHR | S-NPP   | 76.10509 | 31.01718 | 13:12:00 | D | 10.80 |
| 871 | NAWASHAHR | NAWASHAHR | S-NPP   | 76.17326 | 31.03360 | 13:12:00 | D | 4.30  |
| 872 | NAWASHAHR | NAWASHAHR | TERRA-1 | 75.81874 | 31.21859 | 11:32:00 | D | 14.62 |
| 873 | NAWASHAHR | NAWASHAHR | S-NPP   | 75.84088 | 31.26864 | 13:12:00 | D | 2.90  |
| 874 | PATIALA   | NABHA     | S-NPP   | 76.20484 | 30.28999 | 13:12:00 | D | 4.00  |
| 875 | PATIALA   | NABHA     | S-NPP   | 76.15008 | 30.32191 | 13:12:00 | D | 6.70  |
| 876 | PATIALA   | NABHA     | S-NPP   | 76.23164 | 30.32923 | 13:12:00 | D | 10.40 |
| 877 | PATIALA   | NABHA     | S-NPP   | 76.23662 | 30.33014 | 13:12:00 | D | 11.70 |
| 878 | PATIALA   | NABHA     | S-NPP   | 76.14645 | 30.34657 | 13:12:00 | D | 3.30  |
| 879 | PATIALA   | NABHA     | S-NPP   | 76.08681 | 30.35455 | 13:12:00 | D | 6.10  |
| 880 | PATIALA   | NABHA     | S-NPP   | 76.04522 | 30.37365 | 13:12:00 | D | 2.20  |
| 881 | PATIALA   | NABHA     | S-NPP   | 76.24645 | 30.38431 | 13:12:00 | D | 5.10  |
| 882 | PATIALA   | NABHA     | S-NPP   | 76.24786 | 30.39978 | 13:12:00 | D | 10.90 |
| 883 | PATIALA   | NABHA     | S-NPP   | 76.20783 | 30.41522 | 13:12:00 | D | 17.20 |
| 884 | PATIALA   | NABHA     | S-NPP   | 76.21280 | 30.41613 | 13:12:00 | D | 17.20 |
| 885 | PATIALA   | NABHA     | S-NPP   | 76.18617 | 30.41885 | 13:12:00 | D | 7.70  |
| 886 | PATIALA   | NABHA     | S-NPP   | 76.22680 | 30.42251 | 13:12:00 | D | 12.20 |
| 887 | PATIALA   | NABHA     | S-NPP   | 76.05276 | 30.42877 | 13:12:00 | D | 2.40  |
| 888 | PATIALA   | NABHA     | S-NPP   | 76.05461 | 30.43063 | 13:12:00 | D | 5.10  |
| 889 | PATIALA   | NABHA     | S-NPP   | 76.30666 | 30.43337 | 13:12:00 | D | 14.80 |
| 890 | PATIALA   | NABHA     | S-NPP   | 76.31157 | 30.43427 | 13:12:00 | D | 14.80 |
| 891 | PATIALA   | NABHA     | S-NPP   | 76.30577 | 30.43700 | 13:12:00 | D | 14.80 |
| 892 | PATIALA   | NABHA     | S-NPP   | 76.17493 | 30.44347 | 13:12:00 | D | 7.30  |
| 893 | PATIALA   | NABHA     | S-NPP   | 76.28837 | 30.44518 | 13:12:00 | D | 10.20 |
| 894 | PATIALA   | NABHA     | S-NPP   | 76.29329 | 30.44608 | 13:12:00 | D | 33.90 |
| 895 | PATIALA   | NABHA     | S-NPP   | 76.09355 | 30.46476 | 13:12:00 | D | 11.50 |
| 896 | PATIALA   | NABHA     | S-NPP   | 76.28306 | 30.46695 | 13:12:00 | D | 13.20 |
| 897 | PATIALA   | NABHA     | S-NPP   | 76.24583 | 30.47158 | 13:12:00 | D | 3.20  |

|     |         |         |       |          |          |          |   |       |
|-----|---------|---------|-------|----------|----------|----------|---|-------|
| 898 | PATIALA | NABHA   | S-NPP | 76.31748 | 30.47320 | 13:12:00 | D | 16.70 |
| 899 | PATIALA | NABHA   | S-NPP | 76.28403 | 30.49262 | 13:12:00 | D | 4.20  |
| 900 | PATIALA | NABHA   | S-NPP | 76.28806 | 30.49716 | 13:12:00 | D | 4.20  |
| 901 | PATIALA | NABHA   | S-NPP | 76.10694 | 30.51695 | 13:12:00 | D | 2.80  |
| 902 | PATIALA | NABHA   | S-NPP | 76.16951 | 30.51703 | 13:12:00 | D | 15.10 |
| 903 | PATIALA | NABHA   | S-NPP | 76.17448 | 30.51795 | 13:12:00 | D | 10.10 |
| 904 | PATIALA | NABHA   | S-NPP | 76.15598 | 30.52978 | 13:12:00 | D | 10.40 |
| 905 | PATIALA | NABHA   | S-NPP | 76.15508 | 30.53342 | 13:12:00 | D | 10.40 |
| 906 | PATIALA | NABHA   | S-NPP | 76.31850 | 30.54061 | 13:12:00 | D | 2.50  |
| 907 | PATIALA | NABHA   | S-NPP | 76.25420 | 30.55157 | 13:12:00 | D | 3.80  |
| 908 | PATIALA | PATIALA | S-NPP | 76.48495 | 30.13082 | 13:12:00 | D | 8.40  |
| 909 | PATIALA | PATIALA | S-NPP | 76.37264 | 30.15197 | 13:12:00 | D | 4.80  |
| 910 | PATIALA | PATIALA | S-NPP | 76.47138 | 30.16608 | 13:12:00 | D | 3.10  |
| 911 | PATIALA | PATIALA | S-NPP | 76.39411 | 30.17813 | 13:12:00 | D | 6.50  |
| 912 | PATIALA | PATIALA | S-NPP | 76.27959 | 30.18349 | 13:12:00 | D | 4.80  |
| 913 | PATIALA | PATIALA | S-NPP | 76.49073 | 30.19979 | 13:12:00 | D | 2.60  |
| 914 | PATIALA | PATIALA | S-NPP | 76.35590 | 30.20897 | 13:12:00 | D | 14.20 |
| 915 | PATIALA | PATIALA | S-NPP | 76.28827 | 30.21173 | 13:12:00 | D | 1.70  |
| 916 | PATIALA | PATIALA | S-NPP | 76.30220 | 30.21809 | 13:12:00 | D | 3.00  |
| 917 | PATIALA | PATIALA | S-NPP | 76.51063 | 30.22229 | 13:12:00 | D | 4.20  |
| 918 | PATIALA | PATIALA | S-NPP | 76.19573 | 30.22907 | 13:12:00 | D | 17.40 |
| 919 | PATIALA | PATIALA | S-NPP | 76.52910 | 30.22943 | 13:12:00 | D | 11.40 |
| 920 | PATIALA | PATIALA | S-NPP | 76.45601 | 30.23866 | 13:12:00 | D | 2.40  |
| 921 | PATIALA | PATIALA | S-NPP | 76.55633 | 30.24192 | 13:12:00 | D | 9.60  |
| 922 | PATIALA | PATIALA | S-NPP | 76.55546 | 30.24552 | 13:12:00 | D | 5.30  |
| 923 | PATIALA | PATIALA | S-NPP | 76.54978 | 30.24824 | 13:12:00 | D | 5.30  |
| 924 | PATIALA | PATIALA | S-NPP | 76.31313 | 30.25807 | 13:12:00 | D | 2.20  |
| 925 | PATIALA | PATIALA | S-NPP | 76.33595 | 30.26110 | 13:12:00 | D | 4.00  |
| 926 | PATIALA | PATIALA | S-NPP | 76.52130 | 30.26185 | 13:12:00 | D | 4.60  |
| 927 | PATIALA | PATIALA | S-NPP | 76.18027 | 30.26251 | 13:12:00 | D | 14.00 |

|     |         |         |       |          |          |          |   |       |
|-----|---------|---------|-------|----------|----------|----------|---|-------|
| 928 | PATIALA | PATIALA | S-NPP | 76.35961 | 30.26930 | 13:12:00 | D | 3.80  |
| 929 | PATIALA | PATIALA | S-NPP | 76.36149 | 30.27062 | 13:12:00 | D | 1.90  |
| 930 | PATIALA | PATIALA | S-NPP | 76.33331 | 30.27199 | 13:12:00 | D | 3.80  |
| 931 | PATIALA | PATIALA | S-NPP | 76.42202 | 30.27400 | 13:12:00 | D | 4.30  |
| 932 | PATIALA | PATIALA | S-NPP | 76.33244 | 30.27562 | 13:12:00 | D | 2.80  |
| 933 | PATIALA | PATIALA | S-NPP | 76.58311 | 30.27679 | 13:12:00 | D | 4.00  |
| 934 | PATIALA | PATIALA | S-NPP | 76.34630 | 30.28199 | 13:12:00 | D | 8.00  |
| 935 | PATIALA | PATIALA | S-NPP | 76.24815 | 30.28277 | 13:12:00 | D | 3.40  |
| 936 | PATIALA | PATIALA | S-NPP | 76.59666 | 30.28298 | 13:12:00 | D | 3.40  |
| 937 | PATIALA | PATIALA | S-NPP | 76.53631 | 30.28334 | 13:12:00 | D | 3.40  |
| 938 | PATIALA | PATIALA | S-NPP | 76.54819 | 30.29674 | 13:12:00 | D | 2.40  |
| 939 | PATIALA | PATIALA | S-NPP | 76.46308 | 30.32621 | 13:12:00 | D | 12.50 |
| 940 | PATIALA | PATIALA | S-NPP | 76.27042 | 30.34012 | 13:12:00 | D | 3.00  |
| 941 | PATIALA | PATIALA | S-NPP | 76.44028 | 30.37855 | 13:12:00 | D | 11.10 |
| 942 | PATIALA | PATIALA | S-NPP | 76.29263 | 30.38529 | 13:12:00 | D | 4.50  |
| 943 | PATIALA | PATIALA | S-NPP | 76.48792 | 30.39091 | 13:12:00 | D | 3.70  |
| 944 | PATIALA | PATIALA | S-NPP | 76.28014 | 30.39436 | 13:12:00 | D | 9.40  |
| 945 | PATIALA | PATIALA | S-NPP | 76.32442 | 30.40255 | 13:12:00 | D | 3.70  |
| 946 | PATIALA | PATIALA | S-NPP | 76.34490 | 30.40256 | 13:12:00 | D | 3.20  |
| 947 | PATIALA | PATIALA | S-NPP | 76.32932 | 30.40346 | 13:12:00 | D | 3.70  |
| 948 | PATIALA | PATIALA | S-NPP | 76.29807 | 30.40526 | 13:12:00 | D | 4.30  |
| 949 | PATIALA | PATIALA | S-NPP | 76.34403 | 30.40618 | 13:12:00 | D | 3.20  |
| 950 | PATIALA | PATIALA | S-NPP | 76.44898 | 30.41422 | 13:12:00 | D | 4.90  |
| 951 | PATIALA | PATIALA | S-NPP | 76.52061 | 30.43115 | 13:12:00 | D | 6.60  |
| 952 | PATIALA | PATIALA | S-NPP | 76.41374 | 30.43411 | 13:12:00 | D | 5.30  |
| 953 | PATIALA | PATIALA | S-NPP | 76.41287 | 30.43772 | 13:12:00 | D | 3.80  |
| 954 | PATIALA | PATIALA | S-NPP | 76.37613 | 30.44231 | 13:12:00 | D | 3.50  |
| 955 | PATIALA | PATIALA | S-NPP | 76.33524 | 30.44239 | 13:12:00 | D | 6.00  |
| 956 | PATIALA | PATIALA | S-NPP | 76.33436 | 30.44601 | 13:12:00 | D | 4.60  |
| 957 | PATIALA | PATIALA | S-NPP | 76.37926 | 30.45043 | 13:12:00 | D | 4.70  |

|     |         |         |       |          |          |          |   |       |
|-----|---------|---------|-------|----------|----------|----------|---|-------|
| 958 | PATIALA | PATIALA | S-NPP | 76.48782 | 30.46268 | 13:12:00 | D | 3.20  |
| 959 | PATIALA | PATIALA | S-NPP | 76.33485 | 30.46500 | 13:12:00 | D | 3.90  |
| 960 | PATIALA | PATIALA | S-NPP | 76.33397 | 30.46863 | 13:12:00 | D | 3.00  |
| 961 | PATIALA | RAJPURA | S-NPP | 76.55125 | 30.31609 | 13:12:00 | D | 3.30  |
| 962 | PATIALA | RAJPURA | S-NPP | 76.66327 | 30.31738 | 13:12:00 | D | 2.60  |
| 963 | PATIALA | RAJPURA | S-NPP | 76.64639 | 30.32555 | 13:12:00 | D | 3.20  |
| 964 | PATIALA | RAJPURA | S-NPP | 76.63273 | 30.33105 | 13:12:00 | D | 4.00  |
| 965 | PATIALA | RAJPURA | S-NPP | 76.59188 | 30.33479 | 13:12:00 | D | 6.00  |
| 966 | PATIALA | RAJPURA | S-NPP | 76.63493 | 30.34266 | 13:12:00 | D | 3.30  |
| 967 | PATIALA | RAJPURA | S-NPP | 76.62930 | 30.34537 | 13:12:00 | D | 3.10  |
| 968 | PATIALA | RAJPURA | S-NPP | 76.55706 | 30.35465 | 13:12:00 | D | 4.40  |
| 969 | PATIALA | RAJPURA | S-NPP | 76.68560 | 30.35936 | 13:12:00 | D | 1.90  |
| 970 | PATIALA | RAJPURA | S-NPP | 76.70930 | 30.36367 | 13:12:00 | D | 4.80  |
| 971 | PATIALA | RAJPURA | S-NPP | 76.65449 | 30.36489 | 13:12:00 | D | 6.60  |
| 972 | PATIALA | RAJPURA | S-NPP | 76.67657 | 30.37636 | 13:12:00 | D | 3.90  |
| 973 | PATIALA | RAJPURA | S-NPP | 76.68132 | 30.37722 | 13:12:00 | D | 4.30  |
| 974 | PATIALA | RAJPURA | S-NPP | 76.55325 | 30.39144 | 13:12:00 | D | 1.40  |
| 975 | PATIALA | RAJPURA | S-NPP | 76.59644 | 30.39922 | 13:12:00 | D | 5.50  |
| 976 | PATIALA | RAJPURA | S-NPP | 76.55065 | 30.40221 | 13:12:00 | D | 3.00  |
| 977 | PATIALA | RAJPURA | S-NPP | 76.62513 | 30.40438 | 13:12:00 | D | 3.40  |
| 978 | PATIALA | RAJPURA | S-NPP | 76.54978 | 30.40580 | 13:12:00 | D | 4.40  |
| 979 | PATIALA | RAJPURA | S-NPP | 76.59386 | 30.40997 | 13:12:00 | D | 4.00  |
| 980 | PATIALA | RAJPURA | S-NPP | 76.66327 | 30.41122 | 13:12:00 | D | 2.50  |
| 981 | PATIALA | RAJPURA | S-NPP | 76.49129 | 30.44830 | 13:12:00 | D | 1.50  |
| 982 | PATIALA | RAJPURA | S-NPP | 76.62037 | 30.45314 | 13:12:00 | D | 18.20 |
| 983 | PATIALA | RAJPURA | S-NPP | 76.73893 | 30.47470 | 13:12:00 | D | 10.10 |
| 984 | PATIALA | RAJPURA | S-NPP | 76.70248 | 30.48296 | 13:12:00 | D | 2.10  |
| 985 | PATIALA | RAJPURA | S-NPP | 76.57881 | 30.50162 | 13:12:00 | D | 2.70  |
| 986 | PATIALA | RAJPURA | S-NPP | 76.55534 | 30.51609 | 13:12:00 | D | 3.60  |
| 987 | PATIALA | RAJPURA | S-NPP | 76.55437 | 30.52751 | 13:12:00 | D | 3.80  |

|      |         |         |         |          |          |          |   |       |
|------|---------|---------|---------|----------|----------|----------|---|-------|
| 988  | PATIALA | RAJPURA | TERRA-1 | 76.65091 | 30.54635 | 11:32:00 | D | 18.52 |
| 989  | PATIALA | RAJPURA | S-NPP   | 76.62388 | 30.57009 | 13:12:00 | D | 3.80  |
| 990  | PATIALA | RAJPURA | S-NPP   | 76.62130 | 30.58080 | 13:12:00 | D | 5.60  |
| 991  | PATIALA | RAJPURA | S-NPP   | 76.52185 | 30.60014 | 13:12:00 | D | 2.90  |
| 992  | PATIALA | RAJPURA | S-NPP   | 76.55589 | 30.62494 | 13:12:00 | D | 6.20  |
| 993  | PATIALA | SAMANA  | S-NPP   | 76.12399 | 29.84609 | 13:12:00 | D | 5.00  |
| 994  | PATIALA | SAMANA  | S-NPP   | 76.16361 | 29.85730 | 13:12:00 | D | 4.10  |
| 995  | PATIALA | SAMANA  | S-NPP   | 76.10843 | 29.86635 | 13:12:00 | D | 2.80  |
| 996  | PATIALA | SAMANA  | S-NPP   | 76.02132 | 29.87346 | 13:12:00 | D | 16.30 |
| 997  | PATIALA | SAMANA  | S-NPP   | 76.10664 | 29.87374 | 13:12:00 | D | 7.30  |
| 998  | PATIALA | SAMANA  | S-NPP   | 76.02364 | 29.87480 | 13:12:00 | D | 6.10  |
| 999  | PATIALA | SAMANA  | S-NPP   | 76.10573 | 29.87742 | 13:12:00 | D | 7.30  |
| 1000 | PATIALA | SAMANA  | S-NPP   | 76.15137 | 29.88583 | 13:12:00 | D | 12.30 |
| 1001 | PATIALA | SAMANA  | S-NPP   | 76.00710 | 29.89880 | 13:12:00 | D | 5.10  |
| 1002 | PATIALA | SAMANA  | S-NPP   | 76.15218 | 29.91455 | 13:12:00 | D | 2.70  |
| 1003 | PATIALA | SAMANA  | S-NPP   | 75.99229 | 29.91541 | 13:12:00 | D | 4.90  |
| 1004 | PATIALA | SAMANA  | S-NPP   | 76.16551 | 29.92475 | 13:12:00 | D | 7.00  |
| 1005 | PATIALA | SAMANA  | S-NPP   | 76.17054 | 29.92570 | 13:12:00 | D | 13.60 |
| 1006 | PATIALA | SAMANA  | S-NPP   | 76.17380 | 29.93399 | 13:12:00 | D | 4.40  |
| 1007 | PATIALA | SAMANA  | S-NPP   | 76.05698 | 29.93527 | 13:12:00 | D | 4.80  |
| 1008 | PATIALA | SAMANA  | S-NPP   | 76.06207 | 29.93622 | 13:12:00 | D | 5.60  |
| 1009 | PATIALA | SAMANA  | S-NPP   | 76.00826 | 29.93778 | 13:12:00 | D | 8.20  |
| 1010 | PATIALA | SAMANA  | S-NPP   | 76.15569 | 29.96520 | 13:12:00 | D | 7.80  |
| 1011 | PATIALA | SAMANA  | S-NPP   | 76.08269 | 29.98250 | 13:12:00 | D | 29.00 |
| 1012 | PATIALA | SAMANA  | S-NPP   | 76.17523 | 30.02398 | 13:12:00 | D | 10.30 |
| 1013 | PATIALA | SAMANA  | S-NPP   | 76.09422 | 30.03184 | 13:12:00 | D | 9.70  |
| 1014 | PATIALA | SAMANA  | S-NPP   | 76.21001 | 30.05348 | 13:12:00 | D | 3.80  |
| 1015 | PATIALA | SAMANA  | S-NPP   | 76.15536 | 30.06248 | 13:12:00 | D | 3.20  |
| 1016 | PATIALA | SAMANA  | TERRA-1 | 76.23482 | 30.08522 | 11:32:00 | D | 16.76 |
| 1017 | PATIALA | SAMANA  | S-NPP   | 76.16832 | 30.09556 | 13:12:00 | D | 9.10  |



|      |          |                |       |          |          |          |   |       |
|------|----------|----------------|-------|----------|----------|----------|---|-------|
| 1018 | PATIALA  | SAMANA         | S-NPP | 76.14137 | 30.09827 | 13:12:00 | D | 7.70  |
| 1019 | PATIALA  | SAMANA         | S-NPP | 76.11938 | 30.10190 | 13:12:00 | D | 7.10  |
| 1020 | PATIALA  | SAMANA         | S-NPP | 76.11848 | 30.10558 | 13:12:00 | D | 7.10  |
| 1021 | PATIALA  | SAMANA         | S-NPP | 76.24788 | 30.14327 | 13:12:00 | D | 2.90  |
| 1022 | PATIALA  | SAMANA         | S-NPP | 76.11472 | 30.15284 | 13:12:00 | D | 1.90  |
| 1023 | PATIALA  | SAMANA         | S-NPP | 76.11382 | 30.15651 | 13:12:00 | D | 2.90  |
| 1024 | PATIALA  | SAMANA         | S-NPP | 76.24435 | 30.15788 | 13:12:00 | D | 7.90  |
| 1025 | PATIALA  | SAMANA         | S-NPP | 76.06474 | 30.16275 | 13:12:00 | D | 5.70  |
| 1026 | PATIALA  | SAMANA         | S-NPP | 76.05878 | 30.16549 | 13:12:00 | D | 4.60  |
| 1027 | PATIALA  | SAMANA         | S-NPP | 76.14221 | 30.16947 | 13:12:00 | D | 3.50  |
| 1028 | PATIALA  | SAMANA         | S-NPP | 76.18735 | 30.17785 | 13:12:00 | D | 6.60  |
| 1029 | PATIALA  | SAMANA         | S-NPP | 76.22231 | 30.18432 | 13:12:00 | D | 6.50  |
| 1030 | PATIALA  | SAMANA         | S-NPP | 76.21642 | 30.18705 | 13:12:00 | D | 6.50  |
| 1031 | PATIALA  | SAMANA         | S-NPP | 76.22141 | 30.18798 | 13:12:00 | D | 6.50  |
| 1032 | PATIALA  | SAMANA         | S-NPP | 76.11583 | 30.19143 | 13:12:00 | D | 16.90 |
| 1033 | PATIALA  | SAMANA         | S-NPP | 76.19931 | 30.21445 | 13:12:00 | D | 1.50  |
| 1034 | PATIALA  | SAMANA         | S-NPP | 76.21928 | 30.21812 | 13:12:00 | D | 2.70  |
| 1035 | PATIALA  | SAMANA         | S-NPP | 76.12788 | 30.22815 | 13:12:00 | D | 6.40  |
| 1036 | PATIALA  | SAMANA         | S-NPP | 76.13056 | 30.23023 | 13:12:00 | D | 9.70  |
| 1037 | PATIALA  | SAMANA         | S-NPP | 76.12195 | 30.23090 | 13:12:00 | D | 6.40  |
| 1038 | PATIALA  | SAMANA         | S-NPP | 76.11961 | 30.23201 | 13:12:00 | D | 7.50  |
| 1039 | PATIALA  | SAMANA         | S-NPP | 76.27799 | 30.23268 | 13:12:00 | D | 3.20  |
| 1040 | RUPNAGAR | ANANDPUR SAHIB | S-NPP | 76.53184 | 31.00483 | 13:12:00 | D | 2.20  |
| 1041 | RUPNAGAR | ANANDPUR SAHIB | S-NPP | 76.53098 | 31.00839 | 13:12:00 | D | 2.20  |
| 1042 | RUPNAGAR | CHAMKOR SAHIB  | S-NPP | 76.46082 | 30.82975 | 13:12:00 | D | 4.30  |
| 1043 | RUPNAGAR | CHAMKOR SAHIB  | S-NPP | 76.47262 | 30.85157 | 13:12:00 | D | 3.60  |
| 1044 | SANGRUR  | DHURI          | S-NPP | 75.82245 | 30.30088 | 13:12:00 | D | 7.60  |
| 1045 | SANGRUR  | DHURI          | S-NPP | 75.84738 | 30.30949 | 13:12:00 | D | 8.60  |
| 1046 | SANGRUR  | DHURI          | S-NPP | 75.85254 | 30.31047 | 13:12:00 | D | 4.40  |
| 1047 | SANGRUR  | DHURI          | S-NPP | 75.75977 | 30.31239 | 13:12:00 | D | 4.80  |

|      |         |            |       |          |          |          |   |       |
|------|---------|------------|-------|----------|----------|----------|---|-------|
| 1048 | SANGRUR | DHURI      | S-NPP | 75.86193 | 30.31613 | 13:12:00 | D | 14.10 |
| 1049 | SANGRUR | DHURI      | S-NPP | 75.80657 | 30.32122 | 13:12:00 | D | 2.10  |
| 1050 | SANGRUR | DHURI      | S-NPP | 75.76834 | 30.32181 | 13:12:00 | D | 8.00  |
| 1051 | SANGRUR | DHURI      | S-NPP | 75.93982 | 30.32695 | 13:12:00 | D | 6.90  |
| 1052 | SANGRUR | DHURI      | S-NPP | 75.76463 | 30.33670 | 13:12:00 | D | 9.70  |
| 1053 | SANGRUR | DHURI      | S-NPP | 75.81842 | 30.33900 | 13:12:00 | D | 19.40 |
| 1054 | SANGRUR | DHURI      | S-NPP | 75.68050 | 30.35550 | 13:12:00 | D | 5.00  |
| 1055 | SANGRUR | DHURI      | S-NPP | 75.92741 | 30.35554 | 13:12:00 | D | 3.00  |
| 1056 | SANGRUR | DHURI      | S-NPP | 75.67776 | 30.35560 | 13:12:00 | D | 4.20  |
| 1057 | SANGRUR | DHURI      | S-NPP | 75.74772 | 30.36082 | 13:12:00 | D | 3.00  |
| 1058 | SANGRUR | DHURI      | S-NPP | 75.98441 | 30.36232 | 13:12:00 | D | 20.20 |
| 1059 | SANGRUR | DHURI      | S-NPP | 75.95203 | 30.36399 | 13:12:00 | D | 34.10 |
| 1060 | SANGRUR | DHURI      | S-NPP | 75.78417 | 30.36761 | 13:12:00 | D | 5.00  |
| 1061 | SANGRUR | DHURI      | S-NPP | 75.68820 | 30.36872 | 13:12:00 | D | 5.60  |
| 1062 | SANGRUR | DHURI      | S-NPP | 75.75362 | 30.36953 | 13:12:00 | D | 5.10  |
| 1063 | SANGRUR | DHURI      | S-NPP | 75.69072 | 30.36974 | 13:12:00 | D | 7.60  |
| 1064 | SANGRUR | DHURI      | S-NPP | 75.83781 | 30.36981 | 13:12:00 | D | 3.20  |
| 1065 | SANGRUR | DHURI      | S-NPP | 75.71680 | 30.38591 | 13:12:00 | D | 2.50  |
| 1066 | SANGRUR | DHURI      | S-NPP | 75.81548 | 30.40468 | 13:12:00 | D | 3.50  |
| 1067 | SANGRUR | DHURI      | S-NPP | 75.79870 | 30.42871 | 13:12:00 | D | 23.00 |
| 1068 | SANGRUR | DHURI      | S-NPP | 75.99635 | 30.43116 | 13:12:00 | D | 26.00 |
| 1069 | SANGRUR | DHURI      | S-NPP | 75.67197 | 30.45559 | 13:12:00 | D | 3.30  |
| 1070 | SANGRUR | DHURI      | S-NPP | 75.93005 | 30.48424 | 13:12:00 | D | 7.20  |
| 1071 | SANGRUR | MALERKOTLA | S-NPP | 76.01231 | 30.42135 | 13:12:00 | D | 4.40  |
| 1072 | SANGRUR | MALERKOTLA | S-NPP | 76.01425 | 30.42300 | 13:12:00 | D | 6.80  |
| 1073 | SANGRUR | MALERKOTLA | S-NPP | 75.97388 | 30.45773 | 13:12:00 | D | 7.60  |
| 1074 | SANGRUR | MALERKOTLA | S-NPP | 76.01027 | 30.46069 | 13:12:00 | D | 2.70  |
| 1075 | SANGRUR | MALERKOTLA | S-NPP | 75.99523 | 30.50016 | 13:12:00 | D | 7.50  |
| 1076 | SANGRUR | MALERKOTLA | S-NPP | 75.99552 | 30.55209 | 13:12:00 | D | 2.40  |
| 1077 | SANGRUR | MALERKOTLA | S-NPP | 75.76693 | 30.56721 | 13:12:00 | D | 5.90  |

|      |         |            |       |          |          |          |   |       |
|------|---------|------------|-------|----------|----------|----------|---|-------|
| 1078 | SANGRUR | MALERKOTLA | S-NPP | 75.74407 | 30.62920 | 13:12:00 | D | 11.70 |
| 1079 | SANGRUR | MOONAK     | S-NPP | 75.96474 | 29.73859 | 13:12:00 | D | 5.00  |
| 1080 | SANGRUR | MOONAK     | S-NPP | 75.95226 | 29.75949 | 13:12:00 | D | 4.10  |
| 1081 | SANGRUR | MOONAK     | S-NPP | 75.95406 | 29.75998 | 13:12:00 | D | 3.90  |
| 1082 | SANGRUR | MOONAK     | S-NPP | 75.89152 | 29.76354 | 13:12:00 | D | 3.20  |
| 1083 | SANGRUR | MOONAK     | S-NPP | 75.96686 | 29.76616 | 13:12:00 | D | 3.60  |
| 1084 | SANGRUR | MOONAK     | S-NPP | 75.96870 | 29.76657 | 13:12:00 | D | 2.40  |
| 1085 | SANGRUR | MOONAK     | S-NPP | 75.98235 | 29.76910 | 13:12:00 | D | 5.20  |
| 1086 | SANGRUR | MOONAK     | S-NPP | 75.98419 | 29.76942 | 13:12:00 | D | 4.90  |
| 1087 | SANGRUR | MOONAK     | S-NPP | 75.97536 | 29.77556 | 13:12:00 | D | 3.00  |
| 1088 | SANGRUR | MOONAK     | S-NPP | 76.03432 | 29.79836 | 13:12:00 | D | 6.40  |
| 1089 | SANGRUR | MOONAK     | S-NPP | 75.87191 | 29.79893 | 13:12:00 | D | 2.70  |
| 1090 | SANGRUR | MOONAK     | S-NPP | 75.91448 | 29.80303 | 13:12:00 | D | 1.00  |
| 1091 | SANGRUR | MOONAK     | S-NPP | 75.90133 | 29.81227 | 13:12:00 | D | 6.50  |
| 1092 | SANGRUR | MOONAK     | S-NPP | 75.83502 | 29.81548 | 13:12:00 | D | 7.10  |
| 1093 | SANGRUR | MOONAK     | S-NPP | 75.97382 | 29.82583 | 13:12:00 | D | 14.30 |
| 1094 | SANGRUR | MOONAK     | S-NPP | 75.97898 | 29.82680 | 13:12:00 | D | 10.60 |
| 1095 | SANGRUR | MOONAK     | S-NPP | 75.93490 | 29.83024 | 13:12:00 | D | 3.40  |
| 1096 | SANGRUR | MOONAK     | S-NPP | 75.80943 | 29.83029 | 13:12:00 | D | 8.40  |
| 1097 | SANGRUR | MOONAK     | S-NPP | 75.81467 | 29.83126 | 13:12:00 | D | 16.10 |
| 1098 | SANGRUR | MOONAK     | S-NPP | 75.84616 | 29.84875 | 13:12:00 | D | 17.20 |
| 1099 | SANGRUR | MOONAK     | S-NPP | 75.84859 | 29.84931 | 13:12:00 | D | 17.90 |
| 1100 | SANGRUR | MOONAK     | S-NPP | 75.87221 | 29.85373 | 13:12:00 | D | 7.60  |
| 1101 | SANGRUR | MOONAK     | S-NPP | 75.87468 | 29.85414 | 13:12:00 | D | 5.20  |
| 1102 | SANGRUR | MOONAK     | S-NPP | 75.79537 | 29.85472 | 13:12:00 | D | 8.30  |
| 1103 | SANGRUR | MOONAK     | S-NPP | 75.86854 | 29.85691 | 13:12:00 | D | 6.40  |
| 1104 | SANGRUR | MOONAK     | S-NPP | 75.87128 | 29.85745 | 13:12:00 | D | 7.60  |
| 1105 | SANGRUR | MOONAK     | S-NPP | 75.87376 | 29.85787 | 13:12:00 | D | 5.20  |
| 1106 | SANGRUR | MOONAK     | S-NPP | 75.79445 | 29.85847 | 13:12:00 | D | 8.30  |
| 1107 | SANGRUR | MOONAK     | S-NPP | 75.85905 | 29.86294 | 13:12:00 | D | 2.50  |

|      |         |        |       |          |          |          |   |       |
|------|---------|--------|-------|----------|----------|----------|---|-------|
| 1108 | SANGRUR | MOONAK | S-NPP | 75.91537 | 29.86556 | 13:12:00 | D | 4.80  |
| 1109 | SANGRUR | MOONAK | S-NPP | 75.77841 | 29.87896 | 13:12:00 | D | 9.10  |
| 1110 | SANGRUR | MOONAK | S-NPP | 75.86578 | 29.87986 | 13:12:00 | D | 3.30  |
| 1111 | SANGRUR | MOONAK | S-NPP | 75.78705 | 29.88844 | 13:12:00 | D | 1.60  |
| 1112 | SANGRUR | MOONAK | S-NPP | 75.85261 | 29.88909 | 13:12:00 | D | 3.60  |
| 1113 | SANGRUR | MOONAK | S-NPP | 75.89606 | 29.88949 | 13:12:00 | D | 9.60  |
| 1114 | SANGRUR | MOONAK | S-NPP | 75.84648 | 29.89184 | 13:12:00 | D | 3.60  |
| 1115 | SANGRUR | MOONAK | S-NPP | 75.89514 | 29.89322 | 13:12:00 | D | 9.60  |
| 1116 | SANGRUR | MOONAK | S-NPP | 75.81850 | 29.89438 | 13:12:00 | D | 2.20  |
| 1117 | SANGRUR | MOONAK | S-NPP | 75.94354 | 29.89457 | 13:12:00 | D | 7.20  |
| 1118 | SANGRUR | MOONAK | S-NPP | 75.94870 | 29.89555 | 13:12:00 | D | 7.20  |
| 1119 | SANGRUR | MOONAK | S-NPP | 75.87251 | 29.89675 | 13:12:00 | D | 12.60 |
| 1120 | SANGRUR | MOONAK | S-NPP | 75.79045 | 29.89693 | 13:12:00 | D | 6.60  |
| 1121 | SANGRUR | MOONAK | S-NPP | 75.79569 | 29.89792 | 13:12:00 | D | 6.60  |
| 1122 | SANGRUR | MOONAK | S-NPP | 75.81758 | 29.89812 | 13:12:00 | D | 3.20  |
| 1123 | SANGRUR | MOONAK | S-NPP | 75.91831 | 29.90928 | 13:12:00 | D | 6.10  |
| 1124 | SANGRUR | MOONAK | S-NPP | 75.89575 | 29.91283 | 13:12:00 | D | 2.90  |
| 1125 | SANGRUR | MOONAK | S-NPP | 75.91740 | 29.91300 | 13:12:00 | D | 6.10  |
| 1126 | SANGRUR | MOONAK | S-NPP | 75.85751 | 29.91345 | 13:12:00 | D | 8.40  |
| 1127 | SANGRUR | MOONAK | S-NPP | 75.85997 | 29.92563 | 13:12:00 | D | 10.70 |
| 1128 | SANGRUR | MOONAK | S-NPP | 75.86517 | 29.92660 | 13:12:00 | D | 10.70 |
| 1129 | SANGRUR | MOONAK | S-NPP | 75.88506 | 29.93422 | 13:12:00 | D | 12.60 |
| 1130 | SANGRUR | MOONAK | S-NPP | 75.85198 | 29.93585 | 13:12:00 | D | 10.20 |
| 1131 | SANGRUR | MOONAK | S-NPP | 75.84830 | 29.95078 | 13:12:00 | D | 7.10  |
| 1132 | SANGRUR | MOONAK | S-NPP | 75.89512 | 29.95946 | 13:12:00 | D | 17.30 |
| 1133 | SANGRUR | MOONAK | S-NPP | 75.90031 | 29.96042 | 13:12:00 | D | 17.30 |
| 1134 | SANGRUR | MOONAK | S-NPP | 75.89670 | 29.96350 | 13:12:00 | D | 53.50 |
| 1135 | SANGRUR | MOONAK | S-NPP | 75.89939 | 29.96414 | 13:12:00 | D | 17.30 |
| 1136 | SANGRUR | MOONAK | S-NPP | 75.81412 | 29.96727 | 13:12:00 | D | 5.40  |
| 1137 | SANGRUR | MOONAK | S-NPP | 75.86008 | 29.97992 | 13:12:00 | D | 15.00 |

|      |         |         |         |          |          |          |   |       |
|------|---------|---------|---------|----------|----------|----------|---|-------|
| 1138 | SANGRUR | SANGRUR | S-NPP   | 75.65054 | 30.14281 | 13:12:00 | D | 8.10  |
| 1139 | SANGRUR | SANGRUR | S-NPP   | 75.64664 | 30.14325 | 13:12:00 | D | 10.60 |
| 1140 | SANGRUR | SANGRUR | S-NPP   | 75.65645 | 30.16361 | 13:12:00 | D | 8.60  |
| 1141 | SANGRUR | SANGRUR | S-NPP   | 75.69151 | 30.17815 | 13:12:00 | D | 2.90  |
| 1142 | SANGRUR | SANGRUR | S-NPP   | 76.05009 | 30.17928 | 13:12:00 | D | 5.40  |
| 1143 | SANGRUR | SANGRUR | S-NPP   | 76.04919 | 30.18296 | 13:12:00 | D | 4.90  |
| 1144 | SANGRUR | SANGRUR | S-NPP   | 75.61620 | 30.19137 | 13:12:00 | D | 3.80  |
| 1145 | SANGRUR | SANGRUR | S-NPP   | 75.92860 | 30.19546 | 13:12:00 | D | 2.20  |
| 1146 | SANGRUR | SANGRUR | S-NPP   | 75.92664 | 30.19555 | 13:12:00 | D | 3.90  |
| 1147 | SANGRUR | SANGRUR | S-NPP   | 75.96852 | 30.19962 | 13:12:00 | D | 4.00  |
| 1148 | SANGRUR | SANGRUR | S-NPP   | 75.61870 | 30.20365 | 13:12:00 | D | 5.10  |
| 1149 | SANGRUR | SANGRUR | S-NPP   | 76.03268 | 30.20687 | 13:12:00 | D | 2.80  |
| 1150 | SANGRUR | SANGRUR | S-NPP   | 75.65392 | 30.21814 | 13:12:00 | D | 2.90  |
| 1151 | SANGRUR | SANGRUR | S-NPP   | 75.93656 | 30.22067 | 13:12:00 | D | 14.30 |
| 1152 | SANGRUR | SANGRUR | S-NPP   | 75.94681 | 30.22260 | 13:12:00 | D | 7.20  |
| 1153 | SANGRUR | SANGRUR | S-NPP   | 75.71281 | 30.22529 | 13:12:00 | D | 12.20 |
| 1154 | SANGRUR | SANGRUR | S-NPP   | 75.78882 | 30.22785 | 13:12:00 | D | 3.20  |
| 1155 | SANGRUR | SANGRUR | S-NPP   | 76.13290 | 30.24217 | 13:12:00 | D | 4.20  |
| 1156 | SANGRUR | SANGRUR | S-NPP   | 76.13792 | 30.24311 | 13:12:00 | D | 4.20  |
| 1157 | SANGRUR | SANGRUR | S-NPP   | 76.14347 | 30.26330 | 13:12:00 | D | 4.60  |
| 1158 | SANGRUR | SANGRUR | S-NPP   | 76.14758 | 30.26790 | 13:12:00 | D | 7.10  |
| 1159 | SANGRUR | SANGRUR | S-NPP   | 76.15260 | 30.26883 | 13:12:00 | D | 7.10  |
| 1160 | SANGRUR | SANGRUR | S-NPP   | 76.08871 | 30.27228 | 13:12:00 | D | 5.50  |
| 1161 | SANGRUR | SANGRUR | TERRA-1 | 75.97016 | 30.27446 | 11:32:00 | D | 20.08 |
| 1162 | SANGRUR | SANGRUR | S-NPP   | 75.78812 | 30.27449 | 13:12:00 | D | 2.60  |
| 1163 | SANGRUR | SANGRUR | S-NPP   | 75.91775 | 30.27522 | 13:12:00 | D | 5.40  |
| 1164 | SANGRUR | SANGRUR | S-NPP   | 75.79075 | 30.27538 | 13:12:00 | D | 4.80  |
| 1165 | SANGRUR | SANGRUR | S-NPP   | 75.98697 | 30.27647 | 13:12:00 | D | 10.90 |
| 1166 | SANGRUR | SANGRUR | S-NPP   | 75.91169 | 30.27797 | 13:12:00 | D | 5.40  |
| 1167 | SANGRUR | SANGRUR | S-NPP   | 75.99716 | 30.27836 | 13:12:00 | D | 5.20  |

|      |         |         |       |          |          |          |   |       |
|------|---------|---------|-------|----------|----------|----------|---|-------|
| 1168 | SANGRUR | SANGRUR | S-NPP | 75.89866 | 30.28717 | 13:12:00 | D | 6.50  |
| 1169 | SANGRUR | SANGRUR | S-NPP | 75.89588 | 30.28766 | 13:12:00 | D | 6.90  |
| 1170 | SANGRUR | SANGRUR | S-NPP | 75.89774 | 30.29087 | 13:12:00 | D | 6.50  |
| 1171 | SANGRUR | SANGRUR | S-NPP | 75.90011 | 30.29234 | 13:12:00 | D | 7.70  |
| 1172 | SANGRUR | SANGRUR | S-NPP | 75.81728 | 30.29990 | 13:12:00 | D | 4.50  |
| 1173 | SANGRUR | SANGRUR | S-NPP | 76.05534 | 30.30066 | 13:12:00 | D | 3.70  |
| 1174 | SANGRUR | SANGRUR | S-NPP | 76.09753 | 30.30076 | 13:12:00 | D | 4.50  |
| 1175 | SANGRUR | SANGRUR | S-NPP | 76.02729 | 30.30703 | 13:12:00 | D | 2.80  |
| 1176 | SANGRUR | SANGRUR | S-NPP | 76.03889 | 30.32453 | 13:12:00 | D | 3.00  |
| 1177 | SANGRUR | SANGRUR | S-NPP | 75.87553 | 30.32645 | 13:12:00 | D | 4.10  |
| 1178 | SANGRUR | SANGRUR | S-NPP | 75.89095 | 30.32935 | 13:12:00 | D | 2.60  |
| 1179 | SANGRUR | SANGRUR | S-NPP | 76.03493 | 30.32945 | 13:12:00 | D | 4.00  |
| 1180 | SANGRUR | SANGRUR | S-NPP | 76.04000 | 30.33040 | 13:12:00 | D | 7.60  |
| 1181 | SANGRUR | SANGRUR | S-NPP | 75.98204 | 30.35032 | 13:12:00 | D | 10.30 |
| 1182 | SANGRUR | SUNAM   | S-NPP | 75.67262 | 29.95994 | 13:12:00 | D | 8.00  |
| 1183 | SANGRUR | SUNAM   | S-NPP | 75.93743 | 29.96341 | 13:12:00 | D | 47.30 |
| 1184 | SANGRUR | SUNAM   | S-NPP | 75.80889 | 29.96628 | 13:12:00 | D | 5.40  |
| 1185 | SANGRUR | SUNAM   | S-NPP | 75.93377 | 29.96668 | 13:12:00 | D | 3.10  |
| 1186 | SANGRUR | SUNAM   | S-NPP | 75.73512 | 29.97576 | 13:12:00 | D | 5.20  |
| 1187 | SANGRUR | SUNAM   | S-NPP | 75.94650 | 29.98076 | 13:12:00 | D | 3.50  |
| 1188 | SANGRUR | SUNAM   | S-NPP | 75.94925 | 29.98112 | 13:12:00 | D | 3.60  |
| 1189 | SANGRUR | SUNAM   | S-NPP | 75.98014 | 29.98680 | 13:12:00 | D | 6.00  |
| 1190 | SANGRUR | SUNAM   | S-NPP | 75.98528 | 29.98775 | 13:12:00 | D | 8.30  |
| 1191 | SANGRUR | SUNAM   | S-NPP | 75.65981 | 29.98904 | 13:12:00 | D | 10.60 |
| 1192 | SANGRUR | SUNAM   | S-NPP | 75.65888 | 29.99281 | 13:12:00 | D | 14.70 |
| 1193 | SANGRUR | SUNAM   | S-NPP | 75.76823 | 29.99773 | 13:12:00 | D | 2.90  |
| 1194 | SANGRUR | SUNAM   | S-NPP | 75.81963 | 30.01133 | 13:12:00 | D | 5.50  |
| 1195 | SANGRUR | SUNAM   | S-NPP | 75.72581 | 30.01327 | 13:12:00 | D | 5.50  |
| 1196 | SANGRUR | SUNAM   | S-NPP | 75.73635 | 30.01525 | 13:12:00 | D | 5.20  |
| 1197 | SANGRUR | SUNAM   | S-NPP | 76.00170 | 30.01834 | 13:12:00 | D | 6.10  |

|      |         |       |         |          |          |          |   |       |
|------|---------|-------|---------|----------|----------|----------|---|-------|
| 1198 | SANGRUR | SUNAM | S-NPP   | 75.69568 | 30.02334 | 13:12:00 | D | 6.10  |
| 1199 | SANGRUR | SUNAM | S-NPP   | 75.97758 | 30.02930 | 13:12:00 | D | 6.80  |
| 1200 | SANGRUR | SUNAM | S-NPP   | 75.99295 | 30.03218 | 13:12:00 | D | 5.70  |
| 1201 | SANGRUR | SUNAM | S-NPP   | 75.72644 | 30.03301 | 13:12:00 | D | 17.60 |
| 1202 | SANGRUR | SUNAM | S-NPP   | 75.72314 | 30.03591 | 13:12:00 | D | 4.50  |
| 1203 | SANGRUR | SUNAM | S-NPP   | 75.72550 | 30.03676 | 13:12:00 | D | 6.00  |
| 1204 | SANGRUR | SUNAM | S-NPP   | 75.72839 | 30.03692 | 13:12:00 | D | 7.90  |
| 1205 | SANGRUR | SUNAM | S-NPP   | 75.90517 | 30.03905 | 13:12:00 | D | 7.10  |
| 1206 | SANGRUR | SUNAM | S-NPP   | 75.86096 | 30.04247 | 13:12:00 | D | 9.40  |
| 1207 | SANGRUR | SUNAM | S-NPP   | 75.86616 | 30.04344 | 13:12:00 | D | 11.70 |
| 1208 | SANGRUR | SUNAM | TERRA-1 | 75.84432 | 30.05527 | 11:32:00 | D | 34.03 |
| 1209 | SANGRUR | SUNAM | S-NPP   | 75.94884 | 30.05883 | 13:12:00 | D | 1.60  |
| 1210 | SANGRUR | SUNAM | S-NPP   | 75.77099 | 30.06469 | 13:12:00 | D | 29.80 |
| 1211 | SANGRUR | SUNAM | S-NPP   | 75.94702 | 30.06624 | 13:12:00 | D | 6.90  |
| 1212 | SANGRUR | SUNAM | S-NPP   | 75.72097 | 30.06690 | 13:12:00 | D | 5.00  |
| 1213 | SANGRUR | SUNAM | S-NPP   | 75.72778 | 30.08389 | 13:12:00 | D | 12.90 |
| 1214 | SANGRUR | SUNAM | S-NPP   | 75.81521 | 30.08484 | 13:12:00 | D | 5.50  |
| 1215 | SANGRUR | SUNAM | S-NPP   | 75.79772 | 30.08933 | 13:12:00 | D | 9.30  |
| 1216 | SANGRUR | SUNAM | S-NPP   | 75.91636 | 30.09234 | 13:12:00 | D | 3.80  |
| 1217 | SANGRUR | SUNAM | S-NPP   | 75.71354 | 30.09688 | 13:12:00 | D | 9.90  |
| 1218 | SANGRUR | SUNAM | S-NPP   | 75.85495 | 30.10016 | 13:12:00 | D | 3.30  |
| 1219 | SANGRUR | SUNAM | S-NPP   | 75.99420 | 30.10321 | 13:12:00 | D | 4.00  |
| 1220 | SANGRUR | SUNAM | S-NPP   | 75.98216 | 30.10868 | 13:12:00 | D | 3.00  |
| 1221 | SANGRUR | SUNAM | S-NPP   | 75.66381 | 30.11894 | 13:12:00 | D | 4.60  |
| 1222 | SANGRUR | SUNAM | S-NPP   | 75.76200 | 30.14515 | 13:12:00 | D | 3.40  |
| 1223 | SANGRUR | SUNAM | S-NPP   | 75.93024 | 30.14540 | 13:12:00 | D | 1.80  |
| 1224 | SANGRUR | SUNAM | S-NPP   | 75.73392 | 30.14774 | 13:12:00 | D | 5.60  |
| 1225 | SANGRUR | SUNAM | S-NPP   | 75.73756 | 30.14775 | 13:12:00 | D | 4.90  |
| 1226 | SANGRUR | SUNAM | S-NPP   | 75.81422 | 30.15487 | 13:12:00 | D | 6.10  |
| 1227 | SANGRUR | SUNAM | S-NPP   | 75.78630 | 30.15748 | 13:12:00 | D | 3.50  |

|      |            |               |         |          |          |          |   |       |
|------|------------|---------------|---------|----------|----------|----------|---|-------|
| 1228 | SANGRUR    | SUNAM         | S-NPP   | 75.78368 | 30.16051 | 13:12:00 | D | 9.20  |
| 1229 | SANGRUR    | SUNAM         | S-NPP   | 75.78537 | 30.16121 | 13:12:00 | D | 3.50  |
| 1230 | SANGRUR    | SUNAM         | S-NPP   | 75.74924 | 30.18913 | 13:12:00 | D | 10.10 |
| 1231 | SAS NAGAR  | DERABASSI     | S-NPP   | 76.89677 | 30.37912 | 13:12:00 | D | 3.80  |
| 1232 | SAS NAGAR  | DERABASSI     | S-NPP   | 76.81149 | 30.45824 | 13:12:00 | D | 2.20  |
| 1233 | SBS NAGAR  | KHARAR        | S-NPP   | 76.51665 | 30.62164 | 13:12:00 | D | 4.00  |
| 1234 | SBS NAGAR  | KHARAR        | S-NPP   | 76.59458 | 30.74117 | 13:12:00 | D | 2.60  |
| 1235 | SBS NAGAR  | KHARAR        | S-NPP   | 76.55436 | 30.75337 | 13:12:00 | D | 3.20  |
| 1236 | TARN TARAN | KHADOOR SAHIB | S-NPP   | 75.00784 | 31.22993 | 13:12:00 | D | 6.80  |
| 1237 | TARN TARAN | KHADOOR SAHIB | S-NPP   | 75.01945 | 31.25217 | 13:12:00 | D | 3.50  |
| 1238 | TARN TARAN | KHADOOR SAHIB | S-NPP   | 75.00546 | 31.26144 | 13:12:00 | D | 5.30  |
| 1239 | TARN TARAN | KHADOOR SAHIB | S-NPP   | 74.91235 | 31.28350 | 13:12:00 | D | 5.70  |
| 1240 | TARN TARAN | KHADOOR SAHIB | S-NPP   | 75.10421 | 31.32421 | 13:12:00 | D | 17.40 |
| 1241 | TARN TARAN | KHADOOR SAHIB | S-NPP   | 74.81801 | 31.34221 | 13:12:00 | D | 3.00  |
| 1242 | TARN TARAN | KHADOOR SAHIB | S-NPP   | 74.94829 | 31.35951 | 13:12:00 | D | 5.30  |
| 1243 | TARN TARAN | KHADOOR SAHIB | S-NPP   | 74.99852 | 31.38919 | 13:12:00 | D | 3.70  |
| 1244 | TARN TARAN | KHADOOR SAHIB | S-NPP   | 74.75557 | 31.39524 | 13:12:00 | D | 5.00  |
| 1245 | TARN TARAN | KHADOOR SAHIB | S-NPP   | 74.98451 | 31.39846 | 13:12:00 | D | 7.00  |
| 1246 | TARN TARAN | KHADOOR SAHIB | S-NPP   | 74.95493 | 31.40077 | 13:12:00 | D | 2.00  |
| 1247 | TARN TARAN | KHADOOR SAHIB | S-NPP   | 74.98352 | 31.40226 | 13:12:00 | D | 6.30  |
| 1248 | TARN TARAN | KHADOOR SAHIB | S-NPP   | 75.14931 | 31.42603 | 13:12:00 | D | 10.80 |
| 1249 | TARN TARAN | KHADOOR SAHIB | TERRA-1 | 74.67792 | 31.42969 | 11:32:00 | D | 12.34 |
| 1250 | TARN TARAN | KHADOOR SAHIB | S-NPP   | 75.14833 | 31.42980 | 13:12:00 | D | 10.80 |
| 1251 | TARN TARAN | KHADOOR SAHIB | S-NPP   | 74.88956 | 31.44571 | 13:12:00 | D | 4.10  |
| 1252 | TARN TARAN | KHADOOR SAHIB | S-NPP   | 74.65577 | 31.45667 | 13:12:00 | D | 8.60  |
| 1253 | TARN TARAN | KHADOOR SAHIB | S-NPP   | 74.68894 | 31.46715 | 13:12:00 | D | 8.10  |
| 1254 | TARN TARAN | KHADOOR SAHIB | S-NPP   | 75.17623 | 31.46972 | 13:12:00 | D | 9.80  |
| 1255 | TARN TARAN | KHADOOR SAHIB | S-NPP   | 75.17733 | 31.47083 | 13:12:00 | D | 10.60 |
| 1256 | TARN TARAN | KHADOOR SAHIB | S-NPP   | 74.80755 | 31.50270 | 13:12:00 | D | 5.50  |
| 1257 | TARN TARAN | KHADOOR SAHIB | S-NPP   | 74.80908 | 31.50640 | 13:12:00 | D | 8.90  |



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| 1258 | TARN TARAN | KHADOOR SAHIB | S-NPP | 74.80656 | 31.50653 | 13:12:00 | D | 5.30  |
| 1259 | TARN TARAN | PATTI         | S-NPP | 74.58727 | 31.09445 | 13:12:00 | D | 6.40  |
| 1260 | TARN TARAN | PATTI         | S-NPP | 74.71314 | 31.12315 | 13:12:00 | D | 7.70  |
| 1261 | TARN TARAN | PATTI         | S-NPP | 74.58794 | 31.13060 | 13:12:00 | D | 14.60 |
| 1262 | TARN TARAN | PATTI         | S-NPP | 74.58968 | 31.13179 | 13:12:00 | D | 15.10 |
| 1263 | TARN TARAN | PATTI         | S-NPP | 74.59445 | 31.13681 | 13:12:00 | D | 4.90  |
| 1264 | TARN TARAN | PATTI         | S-NPP | 74.59849 | 31.13681 | 13:12:00 | D | 3.40  |
| 1265 | TARN TARAN | PATTI         | S-NPP | 74.52253 | 31.14627 | 13:12:00 | D | 19.20 |
| 1266 | TARN TARAN | PATTI         | S-NPP | 74.64653 | 31.14688 | 13:12:00 | D | 7.70  |
| 1267 | TARN TARAN | PATTI         | S-NPP | 74.64365 | 31.14992 | 13:12:00 | D | 30.90 |
| 1268 | TARN TARAN | PATTI         | S-NPP | 74.64551 | 31.15077 | 13:12:00 | D | 25.00 |
| 1269 | TARN TARAN | PATTI         | S-NPP | 74.74132 | 31.15300 | 13:12:00 | D | 3.50  |
| 1270 | TARN TARAN | PATTI         | S-NPP | 74.85767 | 31.16333 | 13:12:00 | D | 4.40  |
| 1271 | TARN TARAN | PATTI         | S-NPP | 74.89796 | 31.16707 | 13:12:00 | D | 8.30  |
| 1272 | TARN TARAN | PATTI         | S-NPP | 74.73518 | 31.16813 | 13:12:00 | D | 4.30  |
| 1273 | TARN TARAN | PATTI         | S-NPP | 74.74556 | 31.17425 | 13:12:00 | D | 3.90  |
| 1274 | TARN TARAN | PATTI         | S-NPP | 74.72646 | 31.17859 | 13:12:00 | D | 4.80  |
| 1275 | TARN TARAN | PATTI         | S-NPP | 74.70058 | 31.18567 | 13:12:00 | D | 3.10  |
| 1276 | TARN TARAN | PATTI         | S-NPP | 74.71201 | 31.18793 | 13:12:00 | D | 3.20  |
| 1277 | TARN TARAN | PATTI         | S-NPP | 74.79566 | 31.18822 | 13:12:00 | D | 3.70  |
| 1278 | TARN TARAN | PATTI         | S-NPP | 74.72344 | 31.19019 | 13:12:00 | D | 5.70  |
| 1279 | TARN TARAN | PATTI         | S-NPP | 74.74992 | 31.20352 | 13:12:00 | D | 6.00  |
| 1280 | TARN TARAN | PATTI         | S-NPP | 74.87447 | 31.20376 | 13:12:00 | D | 3.20  |
| 1281 | TARN TARAN | PATTI         | S-NPP | 74.85664 | 31.20428 | 13:12:00 | D | 7.20  |
| 1282 | TARN TARAN | PATTI         | S-NPP | 74.54991 | 31.20505 | 13:12:00 | D | 2.30  |
| 1283 | TARN TARAN | PATTI         | S-NPP | 74.81786 | 31.21685 | 13:12:00 | D | 4.60  |
| 1284 | TARN TARAN | PATTI         | S-NPP | 74.78762 | 31.21902 | 13:12:00 | D | 6.50  |
| 1285 | TARN TARAN | PATTI         | S-NPP | 74.64353 | 31.21927 | 13:12:00 | D | 4.70  |
| 1286 | TARN TARAN | PATTI         | S-NPP | 74.81686 | 31.22069 | 13:12:00 | D | 4.40  |
| 1287 | TARN TARAN | PATTI         | S-NPP | 74.57587 | 31.22241 | 13:12:00 | D | 4.50  |

|      |            |       |         |          |          |          |   |       |
|------|------------|-------|---------|----------|----------|----------|---|-------|
| 1288 | TARN TARAN | PATTI | S-NPP   | 74.64251 | 31.22315 | 13:12:00 | D | 4.70  |
| 1289 | TARN TARAN | PATTI | S-NPP   | 74.58747 | 31.22467 | 13:12:00 | D | 4.80  |
| 1290 | TARN TARAN | PATTI | S-NPP   | 74.53877 | 31.23826 | 13:12:00 | D | 2.90  |
| 1291 | TARN TARAN | PATTI | S-NPP   | 74.54058 | 31.24011 | 13:12:00 | D | 4.60  |
| 1292 | TARN TARAN | PATTI | S-NPP   | 74.81747 | 31.24100 | 13:12:00 | D | 12.70 |
| 1293 | TARN TARAN | PATTI | S-NPP   | 74.70152 | 31.25089 | 13:12:00 | D | 4.90  |
| 1294 | TARN TARAN | PATTI | S-NPP   | 74.57731 | 31.25416 | 13:12:00 | D | 9.60  |
| 1295 | TARN TARAN | PATTI | S-NPP   | 74.57897 | 31.27085 | 13:12:00 | D | 9.50  |
| 1296 | TARN TARAN | PATTI | S-NPP   | 74.60784 | 31.27658 | 13:12:00 | D | 5.10  |
| 1297 | TARN TARAN | PATTI | TERRA-1 | 74.64722 | 31.27698 | 11:32:00 | D | 8.72  |
| 1298 | TARN TARAN | PATTI | S-NPP   | 74.67408 | 31.27748 | 13:12:00 | D | 7.30  |
| 1299 | TARN TARAN | PATTI | S-NPP   | 74.67307 | 31.28134 | 13:12:00 | D | 7.30  |
| 1300 | TARN TARAN | PATTI | S-NPP   | 74.74100 | 31.28283 | 13:12:00 | D | 9.60  |
| 1301 | TARN TARAN | PATTI | S-NPP   | 74.74442 | 31.28329 | 13:12:00 | D | 5.40  |
| 1302 | TARN TARAN | PATTI | S-NPP   | 74.56227 | 31.28800 | 13:12:00 | D | 4.70  |
| 1303 | TARN TARAN | PATTI | S-NPP   | 74.64504 | 31.29616 | 13:12:00 | D | 6.10  |
| 1304 | TARN TARAN | PATTI | S-NPP   | 74.67061 | 31.31339 | 13:12:00 | D | 14.40 |
| 1305 | TARN TARAN | PATTI | S-NPP   | 74.66959 | 31.31725 | 13:12:00 | D | 4.80  |
| 1306 | TARN TARAN | PATTI | S-NPP   | 74.74664 | 31.32018 | 13:12:00 | D | 5.60  |
| 1307 | TARN TARAN | PATTI | S-NPP   | 74.66183 | 31.32387 | 13:12:00 | D | 7.20  |
| 1308 | TARN TARAN | PATTI | S-NPP   | 74.58772 | 31.32976 | 13:12:00 | D | 17.20 |
| 1309 | TARN TARAN | PATTI | S-NPP   | 74.76060 | 31.33505 | 13:12:00 | D | 4.30  |
| 1310 | TARN TARAN | PATTI | S-NPP   | 74.66245 | 31.34431 | 13:12:00 | D | 3.70  |
| 1311 | TARN TARAN | PATTI | S-NPP   | 74.66817 | 31.34542 | 13:12:00 | D | 8.30  |
| 1312 | TARN TARAN | PATTI | S-NPP   | 74.56419 | 31.34968 | 13:12:00 | D | 2.00  |
| 1313 | TARN TARAN | PATTI | S-NPP   | 74.76077 | 31.37953 | 13:12:00 | D | 4.70  |
| 1314 | TARN TARAN | PATTI | S-NPP   | 74.75960 | 31.37987 | 13:12:00 | D | 3.30  |
| 1315 | TARN TARAN | PATTI | S-NPP   | 74.72366 | 31.38082 | 13:12:00 | D | 4.30  |
| 1316 | TARN TARAN | PATTI | S-NPP   | 74.69324 | 31.38290 | 13:12:00 | D | 8.00  |
| 1317 | TARN TARAN | PATTI | S-NPP   | 74.69425 | 31.38291 | 13:12:00 | D | 12.70 |

|      |            |       |       |          |          |          |   |      |
|------|------------|-------|-------|----------|----------|----------|---|------|
| 1318 | TARN TARAN | PATTI | S-NPP | 74.73507 | 31.38670 | 13:12:00 | D | 5.00 |
| 1319 | TARN TARAN | PATTI | S-NPP | 74.73397 | 31.38692 | 13:12:00 | D | 5.10 |
| 1320 | TARN TARAN | PATTI | S-NPP | 74.69690 | 31.39173 | 13:12:00 | D | 4.40 |
| 1321 | TARN TARAN | PATTI | S-NPP | 74.62597 | 31.41023 | 13:12:00 | D | 8.80 |

**Details of residue burning events in Haryana on 29-Oct-2018**

| Event S. No. | District  | Tehsil/Block | Satellite | Longitude | Latitude | Time (IST) | Day/Night | Fire Power (W/m <sup>2</sup> ) |
|--------------|-----------|--------------|-----------|-----------|----------|------------|-----------|--------------------------------|
| 1            | AMBALA    | AMBALA       | S-NPP     | 76.67422  | 30.18020 | 13:12:00   | D         | 9.10                           |
| 2            | AMBALA    | AMBALA       | S-NPP     | 76.90440  | 30.24736 | 13:12:00   | D         | 3.20                           |
| 3            | AMBALA    | AMBALA       | S-NPP     | 76.90356  | 30.25090 | 13:12:00   | D         | 4.40                           |
| 4            | AMBALA    | AMBALA       | S-NPP     | 76.62885  | 30.27383 | 13:12:00   | D         | 4.20                           |
| 5            | AMBALA    | AMBALA       | S-NPP     | 76.73056  | 30.28475 | 13:12:00   | D         | 3.80                           |
| 6            | AMBALA    | AMBALA       | S-NPP     | 76.72971  | 30.28831 | 13:12:00   | D         | 3.80                           |
| 7            | AMBALA    | AMBALA       | S-NPP     | 76.73430  | 30.38308 | 13:12:00   | D         | 3.30                           |
| 8            | AMBALA    | BARARA       | S-NPP     | 77.09361  | 30.18177 | 13:12:00   | D         | 2.90                           |
| 9            | AMBALA    | BARARA       | S-NPP     | 77.09659  | 30.18363 | 13:12:00   | D         | 2.80                           |
| 10           | AMBALA    | BARARA       | S-NPP     | 77.06437  | 30.18384 | 13:12:00   | D         | 2.20                           |
| 11           | AMBALA    | NARAYANGARH  | S-NPP     | 77.05025  | 30.35300 | 13:12:00   | D         | 2.30                           |
| 12           | BHIWANI   | BAWANI_KHERA | S-NPP     | 76.10693  | 29.00492 | 13:12:00   | D         | 1.60                           |
| 13           | FARIDABAD | HODAL        | S-NPP     | 77.44052  | 27.94230 | 13:12:00   | D         | 4.80                           |
| 14           | FARIDABAD | HODAL        | S-NPP     | 77.43042  | 27.94423 | 13:12:00   | D         | 3.60                           |
| 15           | FARIDABAD | HODAL        | S-NPP     | 77.43810  | 27.95302 | 13:12:00   | D         | 4.60                           |
| 16           | FARIDABAD | HODAL        | S-NPP     | 77.43938  | 27.95460 | 13:12:00   | D         | 10.70                          |
| 17           | FARIDABAD | HODAL        | S-NPP     | 77.43729  | 27.95660 | 13:12:00   | D         | 6.00                           |
| 18           | FATEHABAD | FATEHABAD    | S-NPP     | 75.41648  | 29.49782 | 13:12:00   | D         | 3.10                           |
| 19           | FATEHABAD | FATEHABAD    | S-NPP     | 75.72755  | 29.50571 | 13:12:00   | D         | 7.20                           |
| 20           | FATEHABAD | FATEHABAD    | S-NPP     | 75.48047  | 29.54217 | 13:12:00   | D         | 19.00                          |
| 21           | FATEHABAD | FATEHABAD    | S-NPP     | 75.48596  | 29.54321 | 13:12:00   | D         | 19.30                          |
| 22           | FATEHABAD | FATEHABAD    | S-NPP     | 75.51691  | 29.55708 | 13:12:00   | D         | 3.50                           |

|    |           |           |         |          |          |          |   |       |
|----|-----------|-----------|---------|----------|----------|----------|---|-------|
| 23 | FATEHABAD | FATEHABAD | S-NPP   | 75.73999 | 29.59113 | 13:12:00 | D | 2.30  |
| 24 | FATEHABAD | RATIA     | S-NPP   | 75.55118 | 29.59324 | 13:12:00 | D | 3.90  |
| 25 | FATEHABAD | RATIA     | S-NPP   | 75.63431 | 29.66881 | 13:12:00 | D | 8.40  |
| 26 | FATEHABAD | RATIA     | S-NPP   | 75.38496 | 29.67814 | 13:12:00 | D | 19.30 |
| 27 | FATEHABAD | RATIA     | S-NPP   | 75.48211 | 29.68093 | 13:12:00 | D | 16.90 |
| 28 | FATEHABAD | RATIA     | S-NPP   | 75.46381 | 29.68540 | 13:12:00 | D | 2.20  |
| 29 | FATEHABAD | RATIA     | S-NPP   | 75.41132 | 29.71136 | 13:12:00 | D | 3.90  |
| 30 | FATEHABAD | RATIA     | S-NPP   | 75.44400 | 29.74166 | 13:12:00 | D | 11.10 |
| 31 | FATEHABAD | RATIA     | S-NPP   | 75.63838 | 29.75871 | 13:12:00 | D | 4.20  |
| 32 | FATEHABAD | RATIA     | S-NPP   | 75.44277 | 29.76944 | 13:12:00 | D | 3.60  |
| 33 | FATEHABAD | RATIA     | S-NPP   | 75.44086 | 29.77708 | 13:12:00 | D | 3.50  |
| 34 | FATEHABAD | RATIA     | S-NPP   | 75.43832 | 29.77801 | 13:12:00 | D | 5.80  |
| 35 | FATEHABAD | TOHANA    | S-NPP   | 75.70072 | 29.64971 | 13:12:00 | D | 5.20  |
| 36 | FATEHABAD | TOHANA    | S-NPP   | 75.87257 | 29.67052 | 13:12:00 | D | 8.40  |
| 37 | FATEHABAD | TOHANA    | S-NPP   | 75.79967 | 29.67636 | 13:12:00 | D | 6.60  |
| 38 | FATEHABAD | TOHANA    | S-NPP   | 75.80218 | 29.68863 | 13:12:00 | D | 5.20  |
| 39 | FATEHABAD | TOHANA    | S-NPP   | 75.70110 | 29.69327 | 13:12:00 | D | 8.10  |
| 40 | FATEHABAD | TOHANA    | S-NPP   | 75.88091 | 29.70342 | 13:12:00 | D | 3.70  |
| 41 | FATEHABAD | TOHANA    | S-NPP   | 75.77547 | 29.70721 | 13:12:00 | D | 9.20  |
| 42 | FATEHABAD | TOHANA    | S-NPP   | 75.84396 | 29.72001 | 13:12:00 | D | 16.20 |
| 43 | FATEHABAD | TOHANA    | S-NPP   | 75.84305 | 29.72376 | 13:12:00 | D | 10.70 |
| 44 | FATEHABAD | TOHANA    | S-NPP   | 75.82635 | 29.72457 | 13:12:00 | D | 3.40  |
| 45 | FATEHABAD | TOHANA    | S-NPP   | 75.82385 | 29.72710 | 13:12:00 | D | 3.50  |
| 46 | FATEHABAD | TOHANA    | S-NPP   | 75.83867 | 29.73387 | 13:12:00 | D | 5.70  |
| 47 | FATEHABAD | TOHANA    | S-NPP   | 75.84026 | 29.73500 | 13:12:00 | D | 6.80  |
| 48 | FATEHABAD | TOHANA    | S-NPP   | 75.74888 | 29.74026 | 13:12:00 | D | 3.10  |
| 49 | FATEHABAD | TOHANA    | TERRA-1 | 75.88354 | 29.74386 | 11:32:00 | D | 13.77 |
| 50 | FATEHABAD | TOHANA    | S-NPP   | 75.79205 | 29.74458 | 13:12:00 | D | 6.20  |
| 51 | FATEHABAD | TOHANA    | S-NPP   | 75.79112 | 29.74833 | 13:12:00 | D | 6.20  |
| 52 | FATEHABAD | TOHANA    | S-NPP   | 75.75546 | 29.78089 | 13:12:00 | D | 4.60  |
| 53 | FATEHABAD | TOHANA    | S-NPP   | 75.79147 | 29.79162 | 13:12:00 | D | 30.70 |

|    |         |         |       |          |          |          |   |       |
|----|---------|---------|-------|----------|----------|----------|---|-------|
| 54 | HISAR   | HISAR   | S-NPP | 75.86246 | 29.25923 | 01:54:00 | N | 0.50  |
| 55 | JIND    | JIND    | S-NPP | 76.40525 | 29.44258 | 13:12:00 | D | 5.60  |
| 56 | JIND    | JIND    | S-NPP | 76.49205 | 29.51193 | 13:12:00 | D | 4.70  |
| 57 | JIND    | NARWANA | S-NPP | 76.05680 | 29.67034 | 13:12:00 | D | 3.30  |
| 58 | JIND    | NARWANA | S-NPP | 76.05864 | 29.67377 | 13:12:00 | D | 6.80  |
| 59 | JIND    | NARWANA | S-NPP | 76.05590 | 29.67405 | 13:12:00 | D | 3.30  |
| 60 | JIND    | NARWANA | S-NPP | 76.05499 | 29.67776 | 13:12:00 | D | 7.20  |
| 61 | JIND    | NARWANA | S-NPP | 76.06165 | 29.69454 | 13:12:00 | D | 4.10  |
| 62 | KAITHAL | GUHLA   | S-NPP | 76.43346 | 29.90327 | 13:12:00 | D | 2.20  |
| 63 | KAITHAL | GUHLA   | S-NPP | 76.40360 | 29.92059 | 13:12:00 | D | 13.70 |
| 64 | KAITHAL | GUHLA   | S-NPP | 76.20486 | 29.93596 | 13:12:00 | D | 3.80  |
| 65 | KAITHAL | GUHLA   | S-NPP | 76.21835 | 29.98829 | 13:12:00 | D | 3.50  |
| 66 | KAITHAL | GUHLA   | S-NPP | 76.27154 | 30.00572 | 13:12:00 | D | 14.10 |
| 67 | KAITHAL | GUHLA   | S-NPP | 76.29113 | 30.08383 | 13:12:00 | D | 5.10  |
| 68 | KAITHAL | GUHLA   | S-NPP | 76.28936 | 30.09112 | 13:12:00 | D | 4.10  |
| 69 | KAITHAL | GUHLA   | S-NPP | 76.39476 | 30.10294 | 13:12:00 | D | 14.20 |
| 70 | KAITHAL | GUHLA   | S-NPP | 76.23750 | 30.11210 | 13:12:00 | D | 7.70  |
| 71 | KAITHAL | GUHLA   | S-NPP | 76.22485 | 30.12124 | 13:12:00 | D | 6.40  |
| 72 | KAITHAL | GUHLA   | S-NPP | 76.43044 | 30.12464 | 13:12:00 | D | 3.00  |
| 73 | KAITHAL | GUHLA   | S-NPP | 76.22121 | 30.14592 | 13:12:00 | D | 3.60  |
| 74 | KAITHAL | GUHLA   | S-NPP | 76.41942 | 30.14911 | 13:12:00 | D | 2.50  |
| 75 | KAITHAL | GUHLA   | S-NPP | 76.40700 | 30.15820 | 13:12:00 | D | 6.10  |
| 76 | KAITHAL | KAITHAL | S-NPP | 76.53885 | 29.71950 | 13:12:00 | D | 5.60  |
| 77 | KAITHAL | KAITHAL | S-NPP | 76.22876 | 29.81423 | 13:12:00 | D | 9.80  |
| 78 | KAITHAL | KAITHAL | S-NPP | 76.23147 | 29.81616 | 13:12:00 | D | 17.50 |
| 79 | KAITHAL | KAITHAL | S-NPP | 76.27531 | 29.85119 | 13:12:00 | D | 3.80  |
| 80 | KAITHAL | KAITHAL | S-NPP | 76.28030 | 29.85212 | 13:12:00 | D | 14.60 |
| 81 | KAITHAL | KAITHAL | S-NPP | 76.30112 | 29.85216 | 13:12:00 | D | 4.80  |
| 82 | KAITHAL | KAITHAL | S-NPP | 76.28439 | 29.85671 | 13:12:00 | D | 14.60 |
| 83 | KAITHAL | KAITHAL | S-NPP | 76.28351 | 29.86036 | 13:12:00 | D | 3.00  |
| 84 | KAITHAL | KAITHAL | S-NPP | 76.43149 | 29.86874 | 13:12:00 | D | 5.80  |

|     |             |           |       |          |          |          |   |       |
|-----|-------------|-----------|-------|----------|----------|----------|---|-------|
| 85  | KAITHAL     | KAITHAL   | S-NPP | 76.55787 | 29.87321 | 13:12:00 | D | 2.90  |
| 86  | KAITHAL     | KAITHAL   | S-NPP | 76.55992 | 29.87417 | 13:12:00 | D | 1.90  |
| 87  | KAITHAL     | KAITHAL   | S-NPP | 76.36235 | 29.92066 | 13:12:00 | D | 6.80  |
| 88  | KARNAL      | ASSANDH   | S-NPP | 76.55792 | 29.49355 | 13:12:00 | D | 5.70  |
| 89  | KARNAL      | ASSANDH   | S-NPP | 76.64334 | 29.59198 | 13:12:00 | D | 8.50  |
| 90  | KARNAL      | ASSANDH   | S-NPP | 76.64819 | 29.59287 | 13:12:00 | D | 8.50  |
| 91  | KARNAL      | ASSANDH   | S-NPP | 76.70376 | 29.65569 | 13:12:00 | D | 2.60  |
| 92  | KARNAL      | GHARAUNDA | S-NPP | 77.03200 | 29.57561 | 13:12:00 | D | 6.50  |
| 93  | KARNAL      | KARNAL    | S-NPP | 76.72245 | 29.71152 | 13:12:00 | D | 3.50  |
| 94  | KURUKSHETRA | PEHOWA    | S-NPP | 76.54404 | 29.93105 | 13:12:00 | D | 3.50  |
| 95  | KURUKSHETRA | PEHOWA    | S-NPP | 76.46741 | 30.02637 | 13:12:00 | D | 3.30  |
| 96  | KURUKSHETRA | PEHOWA    | S-NPP | 76.65247 | 30.03378 | 13:12:00 | D | 0.90  |
| 97  | KURUKSHETRA | PEHOWA    | S-NPP | 76.60372 | 30.06996 | 13:12:00 | D | 8.10  |
| 98  | KURUKSHETRA | PEHOWA    | S-NPP | 76.57788 | 30.07281 | 13:12:00 | D | 6.70  |
| 99  | KURUKSHETRA | THANESAR  | S-NPP | 77.08386 | 30.04655 | 13:12:00 | D | 3.80  |
| 100 | KURUKSHETRA | THANESAR  | S-NPP | 76.90355 | 30.07930 | 13:12:00 | D | 5.90  |
| 101 | SIRSA       | ELLENABAD | S-NPP | 74.72357 | 29.44302 | 13:12:00 | D | 2.20  |
| 102 | SIRSA       | ELLENABAD | S-NPP | 74.64488 | 29.50699 | 13:12:00 | D | 4.90  |
| 103 | SIRSA       | ELLENABAD | S-NPP | 74.64363 | 29.50704 | 13:12:00 | D | 5.60  |
| 104 | SIRSA       | ELLENABAD | S-NPP | 74.63578 | 29.50937 | 13:12:00 | D | 7.00  |
| 105 | SIRSA       | SIRSA     | S-NPP | 74.94683 | 29.48322 | 13:12:00 | D | 9.20  |
| 106 | SIRSA       | SIRSA     | S-NPP | 75.23699 | 29.50366 | 13:12:00 | D | 3.50  |
| 107 | SIRSA       | SIRSA     | S-NPP | 75.23903 | 29.50427 | 13:12:00 | D | 3.90  |
| 108 | SIRSA       | SIRSA     | S-NPP | 75.24467 | 29.50535 | 13:12:00 | D | 3.90  |
| 109 | SIRSA       | SIRSA     | S-NPP | 75.24826 | 29.50588 | 13:12:00 | D | 13.10 |
| 110 | SIRSA       | SIRSA     | S-NPP | 75.27984 | 29.54457 | 13:12:00 | D | 4.50  |
| 111 | SIRSA       | SIRSA     | S-NPP | 75.22529 | 29.73225 | 13:12:00 | D | 6.00  |
| 112 | SIRSA       | SIRSA     | S-NPP | 75.22881 | 29.73302 | 13:12:00 | D | 3.70  |
| 113 | SIRSA       | SIRSA     | S-NPP | 75.22430 | 29.73611 | 13:12:00 | D | 6.00  |
| 114 | SIRSA       | SIRSA     | S-NPP | 75.22784 | 29.73689 | 13:12:00 | D | 6.50  |
| 115 | SIRSA       | SIRSA     | S-NPP | 74.94010 | 29.87140 | 13:12:00 | D | 18.10 |

|     |             |               |       |          |          |          |   |      |
|-----|-------------|---------------|-------|----------|----------|----------|---|------|
| 116 | SONIPAT     | SONIPAT       | S-NPP | 77.07243 | 28.90075 | 01:54:00 | N | 0.30 |
| 117 | YAMUNANAGAR | CHHACHHRAULII | S-NPP | 77.48151 | 30.29427 | 13:12:00 | D | 2.80 |
| 118 | YAMUNANAGAR | JAGADHRI      | S-NPP | 77.15317 | 30.19248 | 13:12:00 | D | 1.80 |
| 119 | YAMUNANAGAR | JAGADHRI      | S-NPP | 77.37292 | 30.19556 | 13:12:00 | D | 2.30 |
| 120 | YAMUNANAGAR | JAGADHRI      | S-NPP | 77.12537 | 30.20947 | 13:12:00 | D | 7.20 |
| 121 | YAMUNANAGAR | JAGADHRI      | S-NPP | 77.27882 | 30.22226 | 13:12:00 | D | 2.80 |
| 122 | YAMUNANAGAR | JAGADHRI      | S-NPP | 77.32314 | 30.23378 | 13:12:00 | D | 1.80 |
| 123 | YAMUNANAGAR | JAGADHRI      | S-NPP | 77.23666 | 30.30218 | 13:12:00 | D | 2.70 |
| 124 | YAMUNANAGAR | JAGADHRI      | S-NPP | 77.39278 | 30.36260 | 13:12:00 | D | 3.00 |

**Details of residue burning events in Uttar Pradesh on 29-Oct-2018**

| Event S. No. | District      | Tehsil/Block | Satellite | Longitude | Latitude | Time (IST) | Day/Night | Fire Power (W/m <sup>2</sup> ) |
|--------------|---------------|--------------|-----------|-----------|----------|------------|-----------|--------------------------------|
| 1            | ALIGARH       | ATRAULI      | S-NPP     | 78.31503  | 27.96744 | 13:12:00   | D         | 3.80                           |
| 2            | ALIGARH       | GABHANA      | S-NPP     | 78.03754  | 28.06861 | 13:12:00   | D         | 2.20                           |
| 3            | AMBEDKARNAGAR | TANDA        | S-NPP     | 82.74615  | 26.42970 | 13:12:00   | D         | 2.10                           |
| 4            | AURAIYA       | BIDHUNA      | S-NPP     | 79.51140  | 26.69537 | 13:12:00   | D         | 2.20                           |
| 5            | BAHRAICH      | BAHRAICH     | S-NPP     | 81.66673  | 27.65284 | 13:12:00   | D         | 3.10                           |
| 6            | BAHRAICH      | KAISARGANJ   | S-NPP     | 81.46760  | 27.38989 | 13:12:00   | D         | 3.30                           |
| 7            | BAHRAICH      | NANPARA      | S-NPP     | 81.63333  | 27.77236 | 13:12:00   | D         | 2.20                           |
| 8            | BAHRAICH      | NANPARA      | S-NPP     | 81.64053  | 27.77682 | 13:12:00   | D         | 3.20                           |
| 9            | BAHRAICH      | NANPARA      | S-NPP     | 81.60170  | 27.85622 | 13:12:00   | D         | 5.00                           |
| 10           | BAHRAICH      | NANPARA      | S-NPP     | 81.46856  | 27.85948 | 13:12:00   | D         | 3.60                           |
| 11           | BALLIA        | RASRA        | S-NPP     | 83.79934  | 25.88275 | 13:12:00   | D         | 2.80                           |
| 12           | BANDA         | BANDA        | S-NPP     | 80.38679  | 25.66825 | 13:12:00   | D         | 0.80                           |
| 13           | BARABANKI     | FATEHPUR     | S-NPP     | 81.23514  | 27.07728 | 13:12:00   | D         | 3.10                           |
| 14           | BARABANKI     | FATEHPUR     | S-NPP     | 81.14317  | 27.18501 | 13:12:00   | D         | 4.30                           |
| 15           | BARABANKI     | Haidargarh   | S-NPP     | 81.41660  | 26.78646 | 13:12:00   | D         | 5.70                           |
| 16           | BARABANKI     | Haidargarh   | S-NPP     | 81.40767  | 26.79191 | 13:12:00   | D         | 2.90                           |

|    |            |               |       |          |          |          |   |      |
|----|------------|---------------|-------|----------|----------|----------|---|------|
| 17 | BARABANKI  | NAWABGANJ     | S-NPP | 81.29291 | 26.79155 | 13:12:00 | D | 3.50 |
| 18 | BARABANKI  | NAWABGANJ     | S-NPP | 81.23019 | 26.80921 | 13:12:00 | D | 5.70 |
| 19 | BARABANKI  | NAWABGANJ     | S-NPP | 81.26931 | 26.81175 | 13:12:00 | D | 8.40 |
| 20 | BARABANKI  | NAWABGANJ     | S-NPP | 81.29070 | 26.84556 | 13:12:00 | D | 2.90 |
| 21 | BARABANKI  | NAWABGANJ     | S-NPP | 81.40776 | 26.87660 | 13:12:00 | D | 3.30 |
| 22 | BARABANKI  | NAWABGANJ     | S-NPP | 81.32187 | 26.89082 | 13:12:00 | D | 3.20 |
| 23 | BARABANKI  | NAWABGANJ     | S-NPP | 81.32572 | 26.89141 | 13:12:00 | D | 3.20 |
| 24 | BARABANKI  | NAWABGANJ     | S-NPP | 81.28779 | 26.98693 | 13:12:00 | D | 6.70 |
| 25 | BARABANKI  | NAWABGANJ     | S-NPP | 81.25196 | 27.00869 | 13:12:00 | D | 1.50 |
| 26 | BARABANKI  | RAMSANEHIGHAT | S-NPP | 81.41816 | 26.82066 | 13:12:00 | D | 1.90 |
| 27 | BAREILLY   | BAHERI        | S-NPP | 79.66365 | 28.80096 | 13:12:00 | D | 2.30 |
| 28 | BAREILLY   | BAHERI        | S-NPP | 79.46081 | 28.82340 | 13:12:00 | D | 2.00 |
| 29 | BAREILLY   | BAHERI        | S-NPP | 79.44406 | 28.82416 | 13:12:00 | D | 8.10 |
| 30 | BAREILLY   | BAHERI        | S-NPP | 79.65216 | 28.83687 | 13:12:00 | D | 1.60 |
| 31 | BAREILLY   | BAHERI        | S-NPP | 79.43242 | 28.84446 | 13:12:00 | D | 2.80 |
| 32 | BAREILLY   | BAHERI        | S-NPP | 79.48473 | 28.84790 | 13:12:00 | D | 9.50 |
| 33 | BAREILLY   | BAHERI        | S-NPP | 79.48123 | 28.84894 | 13:12:00 | D | 5.70 |
| 34 | BAREILLY   | BAHERI        | S-NPP | 79.48524 | 28.84958 | 13:12:00 | D | 5.70 |
| 35 | BAREILLY   | BAHERI        | S-NPP | 79.66537 | 28.85270 | 13:12:00 | D | 3.30 |
| 36 | BAREILLY   | BAHERI        | S-NPP | 79.47115 | 28.85763 | 13:12:00 | D | 2.00 |
| 37 | BAREILLY   | BAHERI        | S-NPP | 79.52789 | 28.86337 | 13:12:00 | D | 2.20 |
| 38 | BAREILLY   | BAHERI        | S-NPP | 79.51120 | 28.86412 | 13:12:00 | D | 2.10 |
| 39 | BAREILLY   | BAREILLY      | S-NPP | 79.41695 | 28.59231 | 13:12:00 | D | 2.50 |
| 40 | BAREILLY   | NAWABGANJ     | S-NPP | 79.65372 | 28.52507 | 13:12:00 | D | 4.00 |
| 41 | BASTI      | BASTI         | S-NPP | 82.96249 | 26.70005 | 13:12:00 | D | 1.00 |
| 42 | BASTI      | BHANPUR       | S-NPP | 82.59688 | 27.06334 | 13:12:00 | D | 3.20 |
| 43 | BIJNOR     | AFZALGARH     | S-NPP | 78.73738 | 29.41682 | 13:12:00 | D | 1.30 |
| 44 | BIJNOR     | NAJIBABAD     | S-NPP | 78.27560 | 29.68456 | 01:54:00 | N | 0.30 |
| 45 | BULANSAHAR | KHURJA        | S-NPP | 77.94849 | 28.13070 | 01:54:00 | N | 0.30 |
| 46 | BULANSAHAR | KHURJA        | S-NPP | 77.80974 | 28.23897 | 13:12:00 | D | 2.60 |
| 47 | FATEHPUR   | BINKI         | S-NPP | 80.56486 | 25.98762 | 13:12:00 | D | 1.70 |



|    |              |               |       |          |          |          |   |       |
|----|--------------|---------------|-------|----------|----------|----------|---|-------|
| 48 | FATEHPUR     | FATEHPUR      | S-NPP | 80.72968 | 25.85487 | 13:12:00 | D | 1.70  |
| 49 | FATEHPUR     | FATEHPUR      | S-NPP | 80.86666 | 25.96789 | 13:12:00 | D | 1.30  |
| 50 | FATEHPUR     | FATEHPUR      | S-NPP | 80.71983 | 25.96879 | 13:12:00 | D | 2.40  |
| 51 | GONDA        | MANKAPUR      | S-NPP | 82.44678 | 27.05926 | 13:12:00 | D | 2.10  |
| 52 | GONDA        | MANKAPUR      | S-NPP | 82.49641 | 27.10067 | 13:12:00 | D | 2.30  |
| 53 | HARDOI       | HARDOI        | S-NPP | 80.20501 | 27.28681 | 13:12:00 | D | 3.10  |
| 54 | HARDOI       | HARDOI        | S-NPP | 80.20761 | 27.29407 | 13:12:00 | D | 2.00  |
| 55 | HARDOI       | HARDOI        | S-NPP | 79.95876 | 27.40442 | 13:12:00 | D | 2.20  |
| 56 | HARDOI       | HARDOI        | S-NPP | 80.29762 | 27.43064 | 13:12:00 | D | 10.90 |
| 57 | HARDOI       | SHAHABAD      | S-NPP | 79.89204 | 27.55925 | 13:12:00 | D | 4.30  |
| 58 | HARDOI       | SHAHABAD      | S-NPP | 79.89599 | 27.55988 | 13:12:00 | D | 4.10  |
| 59 | HARDOI       | SHAHABAD      | S-NPP | 79.90256 | 27.56781 | 13:12:00 | D | 3.40  |
| 60 | HARDOI       | SHAHABAD      | S-NPP | 79.88137 | 27.59192 | 13:12:00 | D | 1.00  |
| 61 | HARDOI       | SHAHABAD      | S-NPP | 80.07807 | 27.64584 | 13:12:00 | D | 2.50  |
| 62 | HARDOI       | SIWAJIPUR     | S-NPP | 79.88624 | 27.25658 | 13:12:00 | D | 1.50  |
| 63 | KANPUR DEHAT | AKBARPUR      | S-NPP | 80.07722 | 26.36749 | 13:12:00 | D | 4.70  |
| 64 | KAUSHAMBI    | MANJHANPUR    | S-NPP | 81.29999 | 25.42221 | 13:12:00 | D | 2.50  |
| 65 | KAUSHAMBI    | SIRATHU       | S-NPP | 81.24683 | 25.57968 | 13:12:00 | D | 2.10  |
| 66 | KAUSHAMBI    | SIRATHU       | S-NPP | 81.28972 | 25.74880 | 13:12:00 | D | 3.20  |
| 67 | KHERI        | DHAURAHRA     | S-NPP | 81.04772 | 28.11821 | 13:12:00 | D | 1.90  |
| 68 | KHERI        | GOLA          | S-NPP | 80.32522 | 28.19720 | 13:12:00 | D | 2.90  |
| 69 | KHERI        | GOLA          | S-NPP | 80.42237 | 28.23613 | 13:12:00 | D | 1.50  |
| 70 | KHERI        | LAKHIMPUR     | S-NPP | 80.70042 | 28.06878 | 13:12:00 | D | 10.20 |
| 71 | KHERI        | LAKHIMPUR     | S-NPP | 80.70432 | 28.06938 | 13:12:00 | D | 10.20 |
| 72 | KHERI        | MOHMADI       | S-NPP | 80.39500 | 27.73690 | 13:12:00 | D | 1.50  |
| 73 | KHERI        | MOHMADI       | S-NPP | 80.12070 | 27.92093 | 13:12:00 | D | 1.10  |
| 74 | KHERI        | MOHMADI       | S-NPP | 80.14617 | 27.95571 | 13:12:00 | D | 3.00  |
| 75 | KHERI        | MOHMADI       | S-NPP | 80.21240 | 28.03380 | 13:12:00 | D | 2.00  |
| 76 | KHERI        | MOHMADI       | S-NPP | 80.29918 | 28.08492 | 13:12:00 | D | 9.10  |
| 77 | KHERI        | PALIA KALAN   | S-NPP | 80.46885 | 28.34848 | 13:12:00 | D | 5.10  |
| 78 | LACKNOW      | MOHANLAL GANJ | S-NPP | 81.10294 | 26.74904 | 13:12:00 | D | 3.90  |

|     |             |             |       |          |          |          |   |       |
|-----|-------------|-------------|-------|----------|----------|----------|---|-------|
| 79  | MAHARAJGANJ | MAHARAJGANJ | S-NPP | 83.51134 | 27.07741 | 13:12:00 | D | 3.00  |
| 80  | MAHARAJGANJ | MAHARAJGANJ | S-NPP | 83.50280 | 27.18421 | 13:12:00 | D | 3.50  |
| 81  | MAHARAJGANJ | MAHARAJGANJ | S-NPP | 83.66663 | 27.18670 | 13:12:00 | D | 3.30  |
| 82  | MAHARAJGANJ | MAHARAJGANJ | S-NPP | 83.56264 | 27.18866 | 13:12:00 | D | 1.10  |
| 83  | MAHARAJGANJ | MAHARAJGANJ | S-NPP | 83.53183 | 27.19161 | 13:12:00 | D | 3.40  |
| 84  | MAHARAJGANJ | MAHARAJGANJ | S-NPP | 83.54030 | 27.19274 | 13:12:00 | D | 3.90  |
| 85  | MAHARAJGANJ | MAHARAJGANJ | S-NPP | 83.54916 | 27.24338 | 13:12:00 | D | 3.00  |
| 86  | MAHARAJGANJ | MAHARAJGANJ | S-NPP | 83.56190 | 27.24510 | 13:12:00 | D | 1.50  |
| 87  | MAHARAJGANJ | MAHARAJGANJ | S-NPP | 83.57291 | 27.25720 | 13:12:00 | D | 3.40  |
| 88  | MAHARAJGANJ | NAUTANWA    | S-NPP | 83.31969 | 27.22623 | 13:12:00 | D | 7.50  |
| 89  | MAHARAJGANJ | NAUTANWA    | S-NPP | 83.51275 | 27.36017 | 13:12:00 | D | 5.30  |
| 90  | MAHARAJGANJ | NAUTANWA    | S-NPP | 83.63554 | 27.41377 | 13:12:00 | D | 10.30 |
| 91  | MAHARAJGANJ | NAUTANWA    | S-NPP | 83.55075 | 27.42378 | 13:12:00 | D | 4.50  |
| 92  | MAHARAJGANJ | NAUTANWA    | S-NPP | 83.68054 | 27.43391 | 13:12:00 | D | 3.70  |
| 93  | MAHARAJGANJ | NAUTANWA    | S-NPP | 83.55408 | 27.45608 | 13:12:00 | D | 4.30  |
| 94  | MAHARAJGANJ | NICHLAUL    | S-NPP | 83.68982 | 27.12599 | 13:12:00 | D | 2.90  |
| 95  | MAHARAJGANJ | NICHLAUL    | S-NPP | 83.62772 | 27.26814 | 13:12:00 | D | 2.60  |
| 96  | MAHARAJGANJ | NICHLAUL    | S-NPP | 83.68904 | 27.29417 | 13:12:00 | D | 4.40  |
| 97  | MAHARAJGANJ | NICHLAUL    | S-NPP | 83.68847 | 27.29764 | 13:12:00 | D | 4.40  |
| 98  | MAHARAJGANJ | NICHLAUL    | S-NPP | 83.69591 | 27.30576 | 13:12:00 | D | 0.70  |
| 99  | MAINPURI    | BHOGAON     | S-NPP | 79.15958 | 27.06785 | 13:12:00 | D | 2.00  |
| 100 | MATHURA     | CHHATA      | S-NPP | 77.49457 | 27.57334 | 13:12:00 | D | 3.60  |
| 101 | MATHURA     | CHHATA      | S-NPP | 77.48832 | 27.57968 | 13:12:00 | D | 4.20  |
| 102 | MATHURA     | CHHATA      | S-NPP | 77.52628 | 27.58274 | 13:12:00 | D | 3.90  |
| 103 | MATHURA     | CHHATA      | S-NPP | 77.48751 | 27.58326 | 13:12:00 | D | 4.20  |
| 104 | MATHURA     | CHHATA      | S-NPP | 77.52547 | 27.58632 | 13:12:00 | D | 4.10  |
| 105 | MATHURA     | CHHATA      | S-NPP | 77.49343 | 27.62158 | 13:12:00 | D | 2.80  |
| 106 | MATHURA     | CHHATA      | S-NPP | 77.45601 | 27.63735 | 13:12:00 | D | 3.00  |
| 107 | MATHURA     | CHHATA      | S-NPP | 77.45734 | 27.63807 | 13:12:00 | D | 5.60  |
| 108 | MATHURA     | CHHATA      | S-NPP | 77.47466 | 27.64063 | 13:12:00 | D | 7.20  |
| 109 | MATHURA     | CHHATA      | S-NPP | 77.47595 | 27.64144 | 13:12:00 | D | 4.10  |

|     |         |        |       |          |          |          |   |       |
|-----|---------|--------|-------|----------|----------|----------|---|-------|
| 110 | MATHURA | CHHATA | S-NPP | 77.47819 | 27.65303 | 13:12:00 | D | 2.30  |
| 111 | MATHURA | CHHATA | S-NPP | 77.51148 | 27.65531 | 13:12:00 | D | 2.90  |
| 112 | MATHURA | CHHATA | S-NPP | 77.44321 | 27.65791 | 13:12:00 | D | 4.70  |
| 113 | MATHURA | CHHATA | S-NPP | 77.50445 | 27.66521 | 13:12:00 | D | 5.40  |
| 114 | MATHURA | CHHATA | S-NPP | 77.50365 | 27.66879 | 13:12:00 | D | 5.30  |
| 115 | MATHURA | CHHATA | S-NPP | 77.50829 | 27.66962 | 13:12:00 | D | 5.30  |
| 116 | MATHURA | CHHATA | S-NPP | 77.44771 | 27.68112 | 13:12:00 | D | 3.30  |
| 117 | MATHURA | CHHATA | S-NPP | 77.43677 | 27.68662 | 13:12:00 | D | 9.80  |
| 118 | MATHURA | CHHATA | S-NPP | 77.40855 | 27.70400 | 13:12:00 | D | 6.50  |
| 119 | MATHURA | CHHATA | S-NPP | 77.41792 | 27.70566 | 13:12:00 | D | 2.80  |
| 120 | MATHURA | CHHATA | S-NPP | 77.44206 | 27.70622 | 13:12:00 | D | 27.30 |
| 121 | MATHURA | CHHATA | S-NPP | 77.44127 | 27.70981 | 13:12:00 | D | 7.40  |
| 122 | MATHURA | CHHATA | S-NPP | 77.45524 | 27.71229 | 13:12:00 | D | 2.70  |
| 123 | MATHURA | CHHATA | S-NPP | 77.45990 | 27.71312 | 13:12:00 | D | 2.70  |
| 124 | MATHURA | CHHATA | S-NPP | 77.44046 | 27.71340 | 13:12:00 | D | 7.40  |
| 125 | MATHURA | CHHATA | S-NPP | 77.43499 | 27.71616 | 13:12:00 | D | 19.90 |
| 126 | MATHURA | CHHATA | S-NPP | 77.43965 | 27.71698 | 13:12:00 | D | 19.90 |
| 127 | MATHURA | CHHATA | S-NPP | 77.36148 | 27.71808 | 13:12:00 | D | 3.10  |
| 128 | MATHURA | CHHATA | S-NPP | 77.43886 | 27.72057 | 13:12:00 | D | 19.90 |
| 129 | MATHURA | CHHATA | S-NPP | 77.56340 | 27.72403 | 13:12:00 | D | 3.20  |
| 130 | MATHURA | CHHATA | S-NPP | 77.39271 | 27.73108 | 13:12:00 | D | 4.10  |
| 131 | MATHURA | CHHATA | S-NPP | 77.38950 | 27.73125 | 13:12:00 | D | 3.70  |
| 132 | MATHURA | CHHATA | S-NPP | 77.39191 | 27.73467 | 13:12:00 | D | 4.10  |
| 133 | MATHURA | CHHATA | S-NPP | 77.53171 | 27.73698 | 13:12:00 | D | 4.20  |
| 134 | MATHURA | CHHATA | S-NPP | 77.53091 | 27.74055 | 13:12:00 | D | 5.10  |
| 135 | MATHURA | CHHATA | S-NPP | 77.51624 | 27.74168 | 13:12:00 | D | 2.90  |
| 136 | MATHURA | CHHATA | S-NPP | 77.47672 | 27.74588 | 13:12:00 | D | 7.20  |
| 137 | MATHURA | CHHATA | S-NPP | 77.47803 | 27.74730 | 13:12:00 | D | 8.50  |
| 138 | MATHURA | CHHATA | S-NPP | 77.48601 | 27.74751 | 13:12:00 | D | 2.70  |
| 139 | MATHURA | CHHATA | S-NPP | 77.48267 | 27.74814 | 13:12:00 | D | 8.50  |
| 140 | MATHURA | CHHATA | S-NPP | 77.47591 | 27.74946 | 13:12:00 | D | 7.20  |

|     |           |           |       |          |          |          |   |       |
|-----|-----------|-----------|-------|----------|----------|----------|---|-------|
| 141 | MATHURA   | CHHATA    | S-NPP | 77.35492 | 27.75492 | 13:12:00 | D | 5.10  |
| 142 | MATHURA   | CHHATA    | S-NPP | 77.35961 | 27.75577 | 13:12:00 | D | 8.40  |
| 143 | MATHURA   | CHHATA    | S-NPP | 77.40337 | 27.75619 | 13:12:00 | D | 6.80  |
| 144 | MATHURA   | CHHATA    | S-NPP | 77.35410 | 27.75852 | 13:12:00 | D | 2.40  |
| 145 | MATHURA   | CHHATA    | S-NPP | 77.39708 | 27.76253 | 13:12:00 | D | 4.10  |
| 146 | MATHURA   | CHHATA    | S-NPP | 77.41577 | 27.76589 | 13:12:00 | D | 6.10  |
| 147 | MATHURA   | CHHATA    | S-NPP | 77.41029 | 27.76864 | 13:12:00 | D | 4.70  |
| 148 | MATHURA   | CHHATA    | S-NPP | 77.41496 | 27.76948 | 13:12:00 | D | 9.90  |
| 149 | MATHURA   | CHHATA    | S-NPP | 77.41946 | 27.79268 | 13:12:00 | D | 3.30  |
| 150 | MATHURA   | CHHATA    | S-NPP | 77.51010 | 27.79770 | 13:12:00 | D | 4.10  |
| 151 | MATHURA   | CHHATA    | S-NPP | 77.49142 | 27.81666 | 13:12:00 | D | 6.20  |
| 152 | MATHURA   | CHHATA    | S-NPP | 77.49605 | 27.81748 | 13:12:00 | D | 6.20  |
| 153 | MATHURA   | CHHATA    | S-NPP | 77.50226 | 27.86042 | 13:12:00 | D | 3.00  |
| 154 | MATHURA   | CHHATA    | S-NPP | 77.51871 | 27.91532 | 13:12:00 | D | 2.40  |
| 155 | MATHURA   | MAT       | S-NPP | 77.75786 | 27.72256 | 01:54:00 | N | 0.80  |
| 156 | MATHURA   | MAT       | S-NPP | 77.63538 | 27.85691 | 13:12:00 | D | 2.10  |
| 157 | MATHURA   | MATHURA   | S-NPP | 77.49551 | 27.54740 | 13:12:00 | D | 3.90  |
| 158 | MATHURA   | MATHURA   | S-NPP | 77.49392 | 27.55457 | 13:12:00 | D | 1.70  |
| 159 | MATHURA   | MATHURA   | S-NPP | 77.45504 | 27.55504 | 13:12:00 | D | 5.90  |
| 160 | MATHURA   | MATHURA   | S-NPP | 77.45891 | 27.55947 | 13:12:00 | D | 4.10  |
| 161 | MEERUT    | MAWANA    | S-NPP | 78.08352 | 28.92454 | 13:12:00 | D | 2.40  |
| 162 | PILHIBHIT | BISALPUR  | S-NPP | 79.98498 | 28.23875 | 13:12:00 | D | 3.90  |
| 163 | PILHIBHIT | BISALPUR  | S-NPP | 79.97248 | 28.24020 | 13:12:00 | D | 2.80  |
| 164 | PILHIBHIT | BISALPUR  | S-NPP | 79.93748 | 28.35318 | 13:12:00 | D | 1.80  |
| 165 | PILHIBHIT | PILHIBHIT | S-NPP | 79.88261 | 28.75107 | 13:12:00 | D | 2.70  |
| 166 | PILHIBHIT | PILHIBHIT | S-NPP | 79.92151 | 28.76064 | 13:12:00 | D | 12.40 |
| 167 | PILHIBHIT | PILHIBHIT | S-NPP | 79.85017 | 28.76989 | 13:12:00 | D | 3.70  |
| 168 | PILHIBHIT | PILHIBHIT | S-NPP | 79.81044 | 28.78414 | 13:12:00 | D | 2.50  |
| 169 | PILHIBHIT | PILHIBHIT | S-NPP | 79.83563 | 28.86261 | 13:12:00 | D | 1.10  |
| 170 | PILHIBHIT | PURANPUR  | S-NPP | 80.15752 | 28.32979 | 13:12:00 | D | 2.10  |
| 171 | PILHIBHIT | PURANPUR  | S-NPP | 80.04330 | 28.37329 | 13:12:00 | D | 2.60  |

|     |            |             |       |          |          |          |   |       |
|-----|------------|-------------|-------|----------|----------|----------|---|-------|
| 172 | PILHIBHIT  | PURANPUR    | S-NPP | 80.06828 | 28.49274 | 13:12:00 | D | 2.60  |
| 173 | PILHIBHIT  | PURANPUR    | S-NPP | 80.05775 | 28.50475 | 13:12:00 | D | 1.20  |
| 174 | PILHIBHIT  | PURANPUR    | S-NPP | 80.06515 | 28.51170 | 13:12:00 | D | 2.10  |
| 175 | PILHIBHIT  | PURANPUR    | S-NPP | 80.06909 | 28.51232 | 13:12:00 | D | 2.10  |
| 176 | PILHIBHIT  | PURANPUR    | S-NPP | 80.02103 | 28.54915 | 13:12:00 | D | 1.50  |
| 177 | PILHIBHIT  | PURANPUR    | S-NPP | 80.00460 | 28.54998 | 13:12:00 | D | 4.50  |
| 178 | PILHIBHIT  | PURANPUR    | S-NPP | 80.07486 | 28.56445 | 13:12:00 | D | 3.90  |
| 179 | PILHIBHIT  | PURANPUR    | S-NPP | 80.08008 | 28.57893 | 13:12:00 | D | 1.50  |
| 180 | PILHIBHIT  | PURANPUR    | S-NPP | 80.13380 | 28.61464 | 13:12:00 | D | 1.50  |
| 181 | PILHIBHIT  | PURANPUR    | S-NPP | 80.00728 | 28.65907 | 13:12:00 | D | 2.70  |
| 182 | PILHIBHIT  | PURANPUR    | S-NPP | 80.02305 | 28.66156 | 13:12:00 | D | 11.80 |
| 183 | PRATAPGARH | PATTI       | S-NPP | 82.10973 | 25.75405 | 13:12:00 | D | 2.00  |
| 184 | RAIBEARELI | MAHARAJGANG | S-NPP | 81.23220 | 26.50183 | 13:12:00 | D | 1.90  |
| 185 | RAIBEARELI | RAEBARELI   | S-NPP | 81.10148 | 26.33594 | 13:12:00 | D | 2.10  |
| 186 | RAIBEARELI | SALON       | S-NPP | 81.46660 | 25.96187 | 13:12:00 | D | 2.00  |
| 187 | RAIBEARELI | SALON       | S-NPP | 81.48985 | 26.00614 | 13:12:00 | D | 3.70  |
| 188 | RAIBEARELI | TILOI       | S-NPP | 81.48255 | 26.29952 | 13:12:00 | D | 2.60  |
| 189 | RAIBEARELI | TILOI       | S-NPP | 81.49429 | 26.49400 | 13:12:00 | D | 1.20  |
| 190 | RAMPUR     | BILASPUR    | S-NPP | 79.28770 | 28.79546 | 13:12:00 | D | 6.00  |
| 191 | RAMPUR     | BILASPUR    | S-NPP | 79.31580 | 28.82074 | 13:12:00 | D | 0.80  |
| 192 | RAMPUR     | BILASPUR    | S-NPP | 79.31644 | 28.82209 | 13:12:00 | D | 2.00  |
| 193 | RAMPUR     | BILASPUR    | S-NPP | 79.19468 | 28.86446 | 13:12:00 | D | 2.90  |
| 194 | RAMPUR     | BILASPUR    | S-NPP | 79.21883 | 28.88916 | 13:12:00 | D | 5.20  |
| 195 | RAMPUR     | BILASPUR    | S-NPP | 79.21812 | 28.89251 | 13:12:00 | D | 5.20  |
| 196 | RAMPUR     | BILASPUR    | S-NPP | 79.25176 | 28.91180 | 13:12:00 | D | 3.30  |
| 197 | RAMPUR     | BILASPUR    | S-NPP | 79.36868 | 28.95325 | 13:12:00 | D | 3.80  |
| 198 | RAMPUR     | BILASPUR    | S-NPP | 79.36799 | 28.95659 | 13:12:00 | D | 3.80  |
| 199 | RAMPUR     | MILAK       | S-NPP | 79.17126 | 28.73146 | 13:12:00 | D | 2.70  |
| 200 | RAMPUR     | MILAK       | S-NPP | 79.13966 | 28.78179 | 13:12:00 | D | 5.00  |
| 201 | RAMPUR     | RAMPUR      | S-NPP | 79.07341 | 28.84114 | 13:12:00 | D | 2.80  |
| 202 | RAMPUR     | SUAR        | S-NPP | 79.17056 | 28.94165 | 13:12:00 | D | 3.10  |

|     |                 |              |       |          |          |          |   |      |
|-----|-----------------|--------------|-------|----------|----------|----------|---|------|
| 203 | RAMPUR          | SUAR         | S-NPP | 79.17639 | 28.97377 | 13:12:00 | D | 3.20 |
| 204 | RAMPUR          | SUAR         | S-NPP | 79.23048 | 28.97566 | 13:12:00 | D | 3.10 |
| 205 | RAMPUR          | TANDA        | S-NPP | 78.99126 | 29.11560 | 13:12:00 | D | 3.00 |
| 206 | SHAHJAHANPUR    | PUWANYA      | S-NPP | 80.01840 | 27.92527 | 13:12:00 | D | 1.90 |
| 207 | SHAHJAHANPUR    | PUWANYA      | S-NPP | 80.03837 | 27.97209 | 13:12:00 | D | 1.80 |
| 208 | SHAHJAHANPUR    | PUWANYA      | S-NPP | 80.05257 | 28.06331 | 13:12:00 | D | 1.60 |
| 209 | SHAHJAHANPUR    | PUWANYA      | S-NPP | 80.19467 | 28.08223 | 13:12:00 | D | 2.70 |
| 210 | SHAHJAHANPUR    | PUWANYA      | S-NPP | 80.19269 | 28.09216 | 13:12:00 | D | 3.00 |
| 211 | SHAHJAHANPUR    | PUWANYA      | S-NPP | 80.16994 | 28.10463 | 13:12:00 | D | 1.40 |
| 212 | SHAHJAHANPUR    | PUWANYA      | S-NPP | 80.17645 | 28.27574 | 13:12:00 | D | 2.50 |
| 213 | SHAHJAHANPUR    | PUWANYA      | S-NPP | 80.05190 | 28.33978 | 01:54:00 | N | 0.40 |
| 214 | SHAHJAHANPUR    | SHAHJAHANPUR | S-NPP | 79.78557 | 27.70210 | 13:12:00 | D | 4.00 |
| 215 | SHAHJAHANPUR    | SHAHJAHANPUR | S-NPP | 79.78546 | 27.70411 | 13:12:00 | D | 3.60 |
| 216 | SHAHJAHANPUR    | SHAHJAHANPUR | S-NPP | 80.02057 | 27.85369 | 13:12:00 | D | 1.70 |
| 217 | SHAHJAHANPUR    | TILHAR       | S-NPP | 79.58726 | 27.87007 | 13:12:00 | D | 2.20 |
| 218 | SHARANPUR       | BEHAT        | S-NPP | 77.60110 | 30.10457 | 13:12:00 | D | 3.80 |
| 219 | SHARANPUR       | BEHAT        | S-NPP | 77.58545 | 30.11264 | 13:12:00 | D | 3.10 |
| 220 | SHARANPUR       | NAKUR        | S-NPP | 77.20896 | 29.78103 | 13:12:00 | D | 4.30 |
| 221 | SHARANPUR       | SHARANPUR    | S-NPP | 77.61091 | 30.03360 | 13:12:00 | D | 4.70 |
| 222 | SHRAWASTI       | BHINGA       | S-NPP | 81.88914 | 27.62407 | 13:12:00 | D | 3.00 |
| 223 | SHRAWASTI       | BHINGA       | S-NPP | 81.62703 | 27.84974 | 13:12:00 | D | 2.70 |
| 224 | SHRAWASTI       | BHINGA       | S-NPP | 81.95312 | 27.87468 | 01:54:00 | N | 0.70 |
| 225 | SIDDHARTHANAGAR | DOMARIYAGANJ | S-NPP | 82.62180 | 27.17805 | 13:12:00 | D | 1.90 |
| 226 | SIDDHARTHANAGAR | DOMARIYAGANJ | S-NPP | 82.53832 | 27.28138 | 13:12:00 | D | 3.40 |
| 227 | SIDDHARTHANAGAR | ITWA         | S-NPP | 82.75087 | 27.21685 | 13:12:00 | D | 2.00 |
| 228 | SIDDHARTHANAGAR | ITWA         | S-NPP | 82.77611 | 27.26188 | 13:12:00 | D | 2.90 |
| 229 | SIDDHARTHANAGAR | ITWA         | S-NPP | 82.72130 | 27.26797 | 13:12:00 | D | 1.80 |
| 230 | SIDDHARTHANAGAR | ITWA         | S-NPP | 82.80670 | 27.27657 | 13:12:00 | D | 2.50 |
| 231 | SIDDHARTHANAGAR | NAUGARH      | S-NPP | 83.13481 | 27.26655 | 13:12:00 | D | 4.10 |
| 232 | SIDDHARTHANAGAR | NAUGARH      | S-NPP | 83.26025 | 27.38121 | 13:12:00 | D | 3.80 |
| 233 | SIDDHARTHANAGAR | SHOHRATGARH  | S-NPP | 82.95749 | 27.32246 | 13:12:00 | D | 3.90 |

|     |           |            |       |          |          |          |   |       |
|-----|-----------|------------|-------|----------|----------|----------|---|-------|
| 234 | SITAPUR   | MAHMUDABAD | S-NPP | 81.21800 | 27.29807 | 13:12:00 | D | 1.50  |
| 235 | SITAPUR   | MAHMUDABAD | S-NPP | 81.26610 | 27.35967 | 13:12:00 | D | 2.60  |
| 236 | SITAPUR   | MAHMUDABAD | S-NPP | 81.15265 | 27.47435 | 13:12:00 | D | 2.30  |
| 237 | SULTANPUR | AMETHI     | S-NPP | 81.88208 | 26.25092 | 13:12:00 | D | 2.20  |
| 238 | UNNAO     | BIGHAPUR   | S-NPP | 80.74178 | 26.20611 | 13:12:00 | D | 1.50  |
| 239 | UNNAO     | HASANGANJ  | S-NPP | 80.54339 | 26.66220 | 13:12:00 | D | 11.00 |
| 240 | UNNAO     | PURWA      | S-NPP | 81.00975 | 26.40314 | 13:12:00 | D | 2.40  |
| 241 | UNNAO     | PURWA      | S-NPP | 80.82684 | 26.53062 | 13:12:00 | D | 3.90  |
| 242 | UNNAO     | SAFIPUR    | S-NPP | 80.26129 | 26.99795 | 13:12:00 | D | 2.90  |
| 243 | UNNAO     | UNNAO      | S-NPP | 80.48695 | 26.59978 | 13:12:00 | D | 2.10  |

## 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

|              |                      |                             |  |
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GIS Maps of fire events can be visualized online on ICAR KRISHI & CREAMS Geoportal

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

<http://creams.iari.res.in:8080/geoexplorer/composer/>

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