



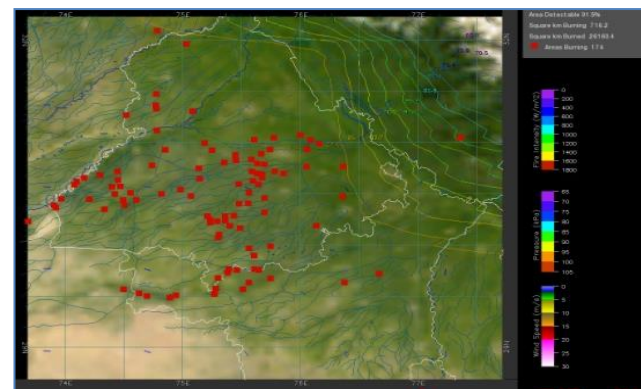
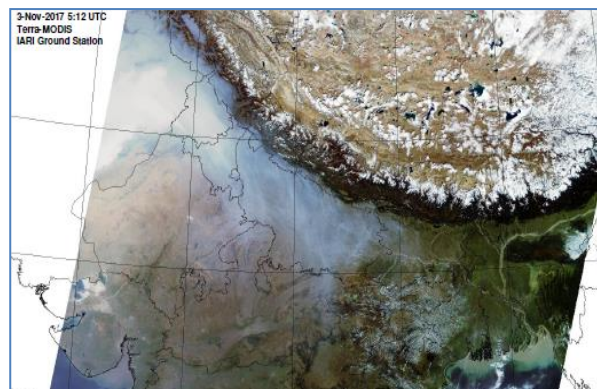
**Bulletin  
No. 72**

**Events Date:  
25-Nov-2022**

**Issued on:  
25-Nov-2022**



# **MONITORING PADDY RESIDUE BURNING IN INDIA USING SATELLITE REMOTE SENSING DURING 2022**



**Prepared by:**

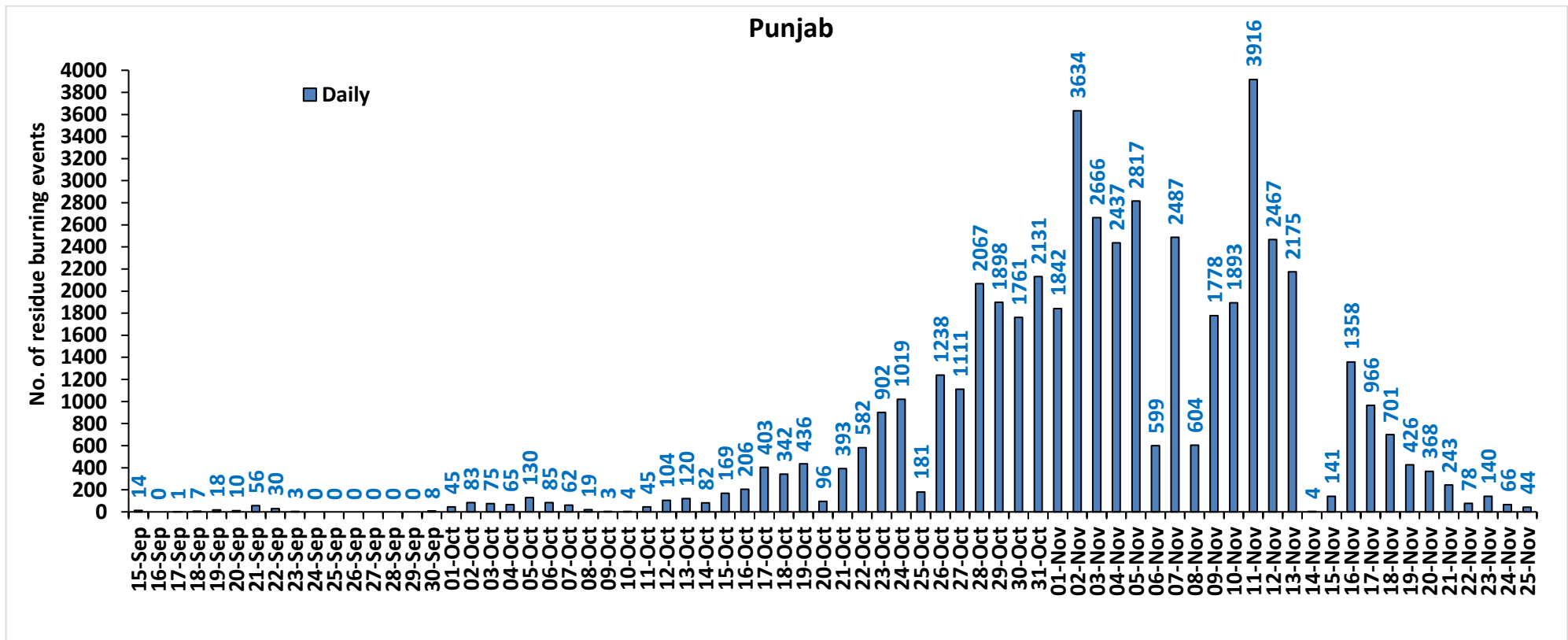
**Consortium for Research on Agroecosystem Monitoring and Modeling from Space (CREAMS) Laboratory,  
Division of Agricultural Physics, ICAR – Indian Agricultural Research Institute, New Delhi – 110012**

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

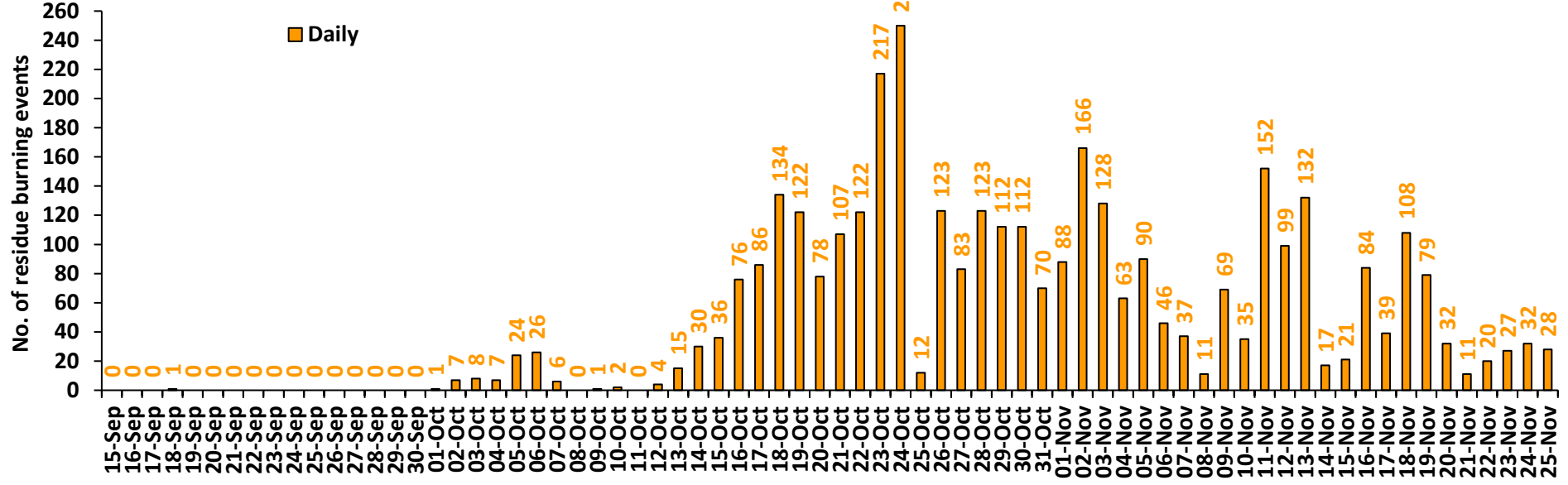
## Highlights for 25-Nov-2022

- The active fire events due to rice residue burning were monitored using satellite remote sensing, following the "Standard Protocol for Estimation of Crop Residue Burning Fire Events using Satellite Data".
- Satellites detected **635** residue burning events in the six study States on 25-Nov-2022.
- The state wise events detected on 25-Nov-2022 were **44** in Punjab, **28** in Haryana, **241** in UP, **0** in Delhi, **7** in Rajasthan and **315** in MP.
- Total **68419** burning events were detected in the six states between 15-Sept-2022 and 25-Nov-2022, which are distributed as **49854**, **3609**, **2536**, **10,1262** and **11148** in Punjab, Haryana, UP, Delhi, Rajasthan and MP respectively.

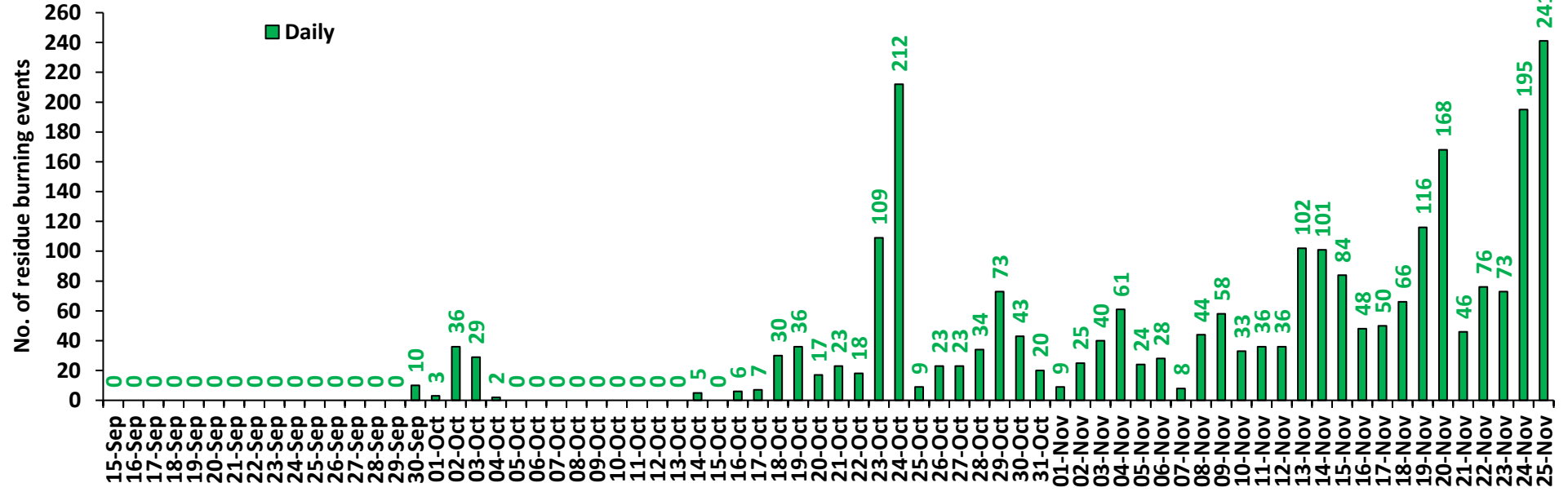
### Temporal distribution of rice residue burning events for the study States in 2022



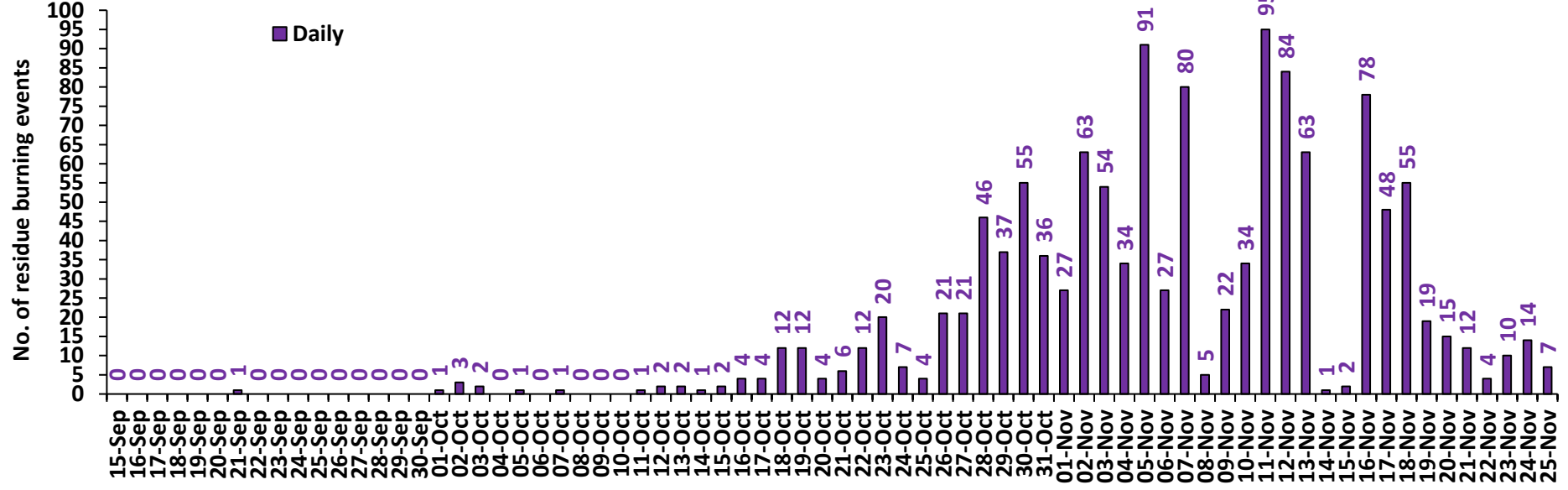
### Haryana



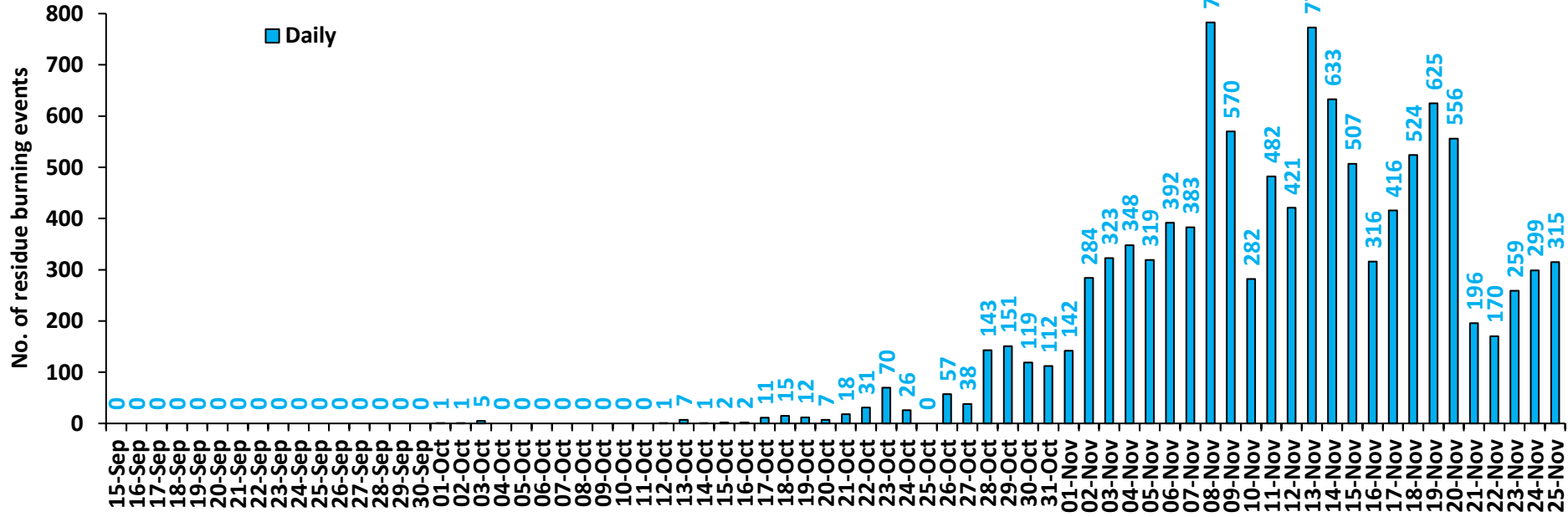
### Uttar Pradesh



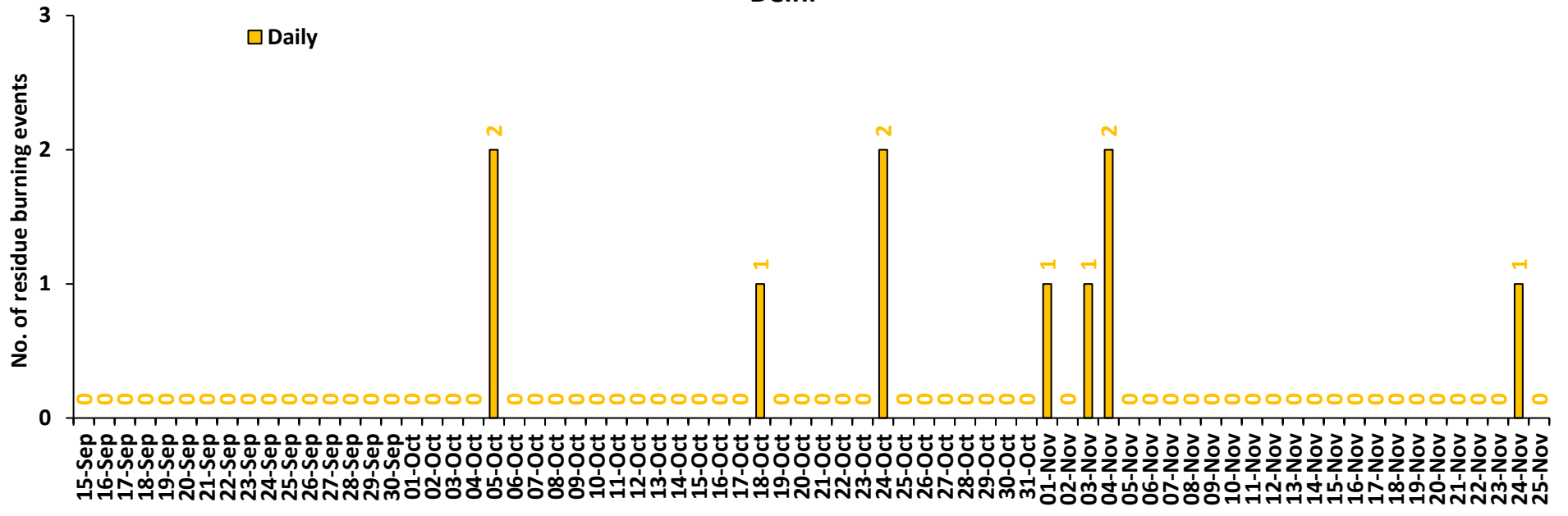
### Rajasthan



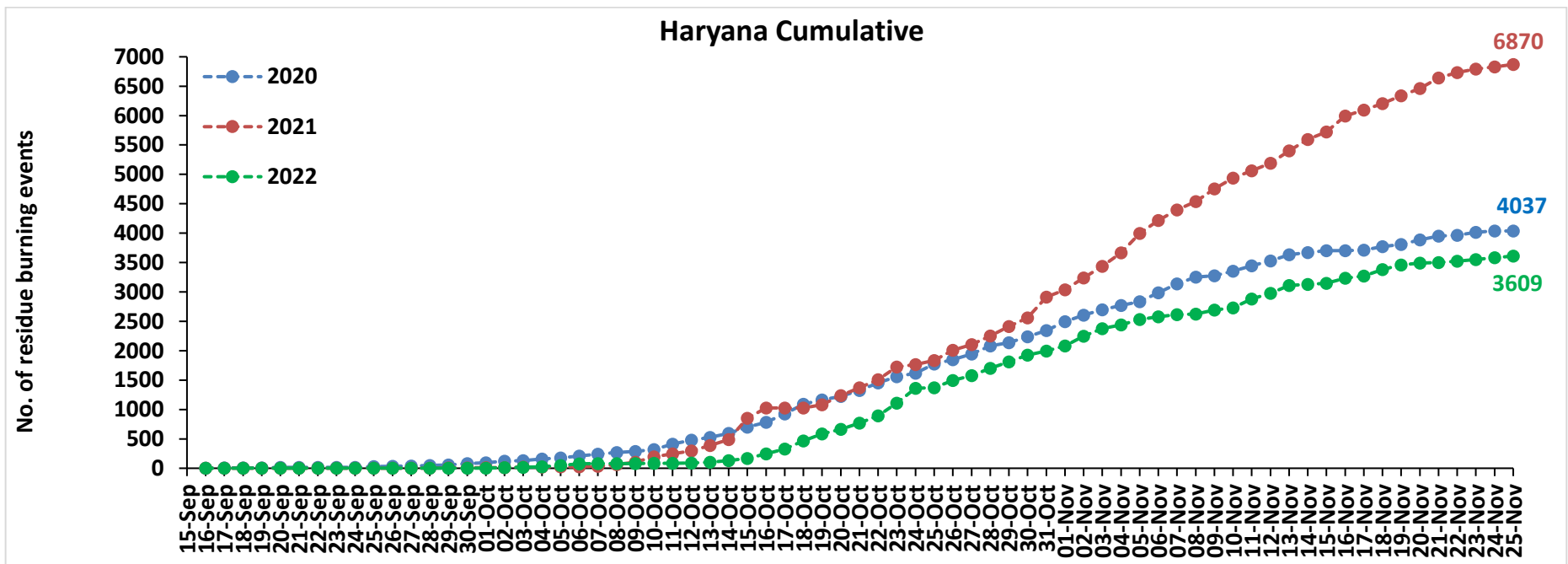
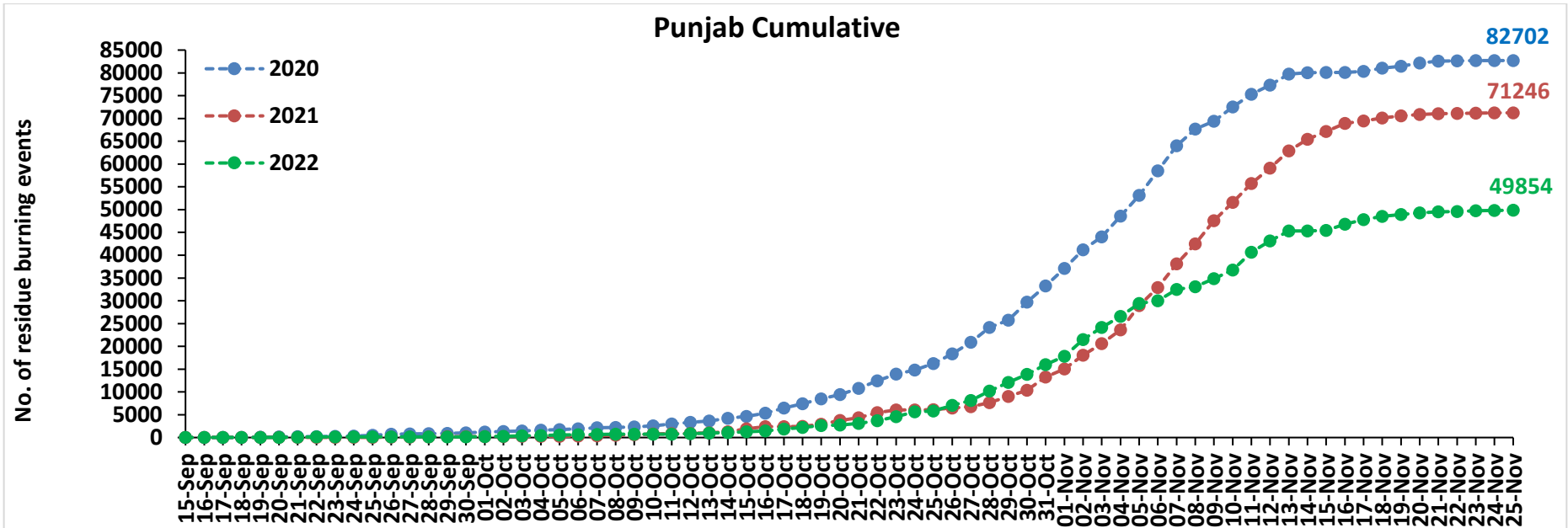
### Madhya Pradesh

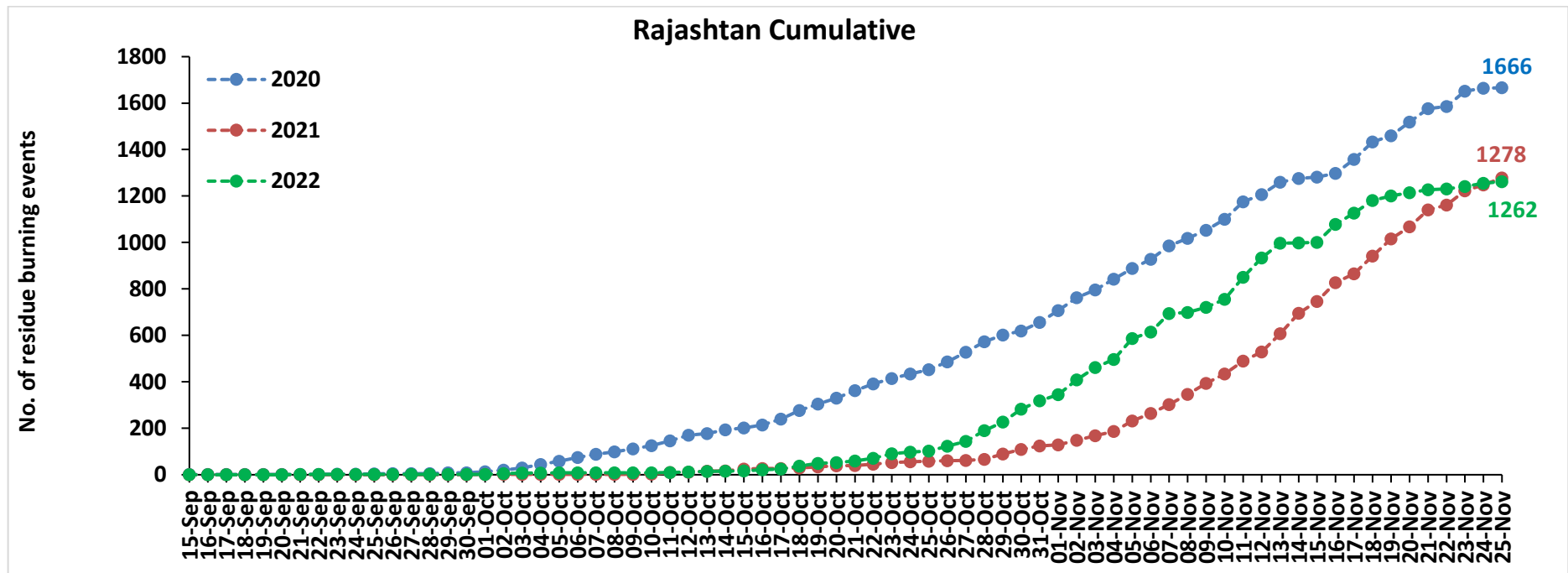
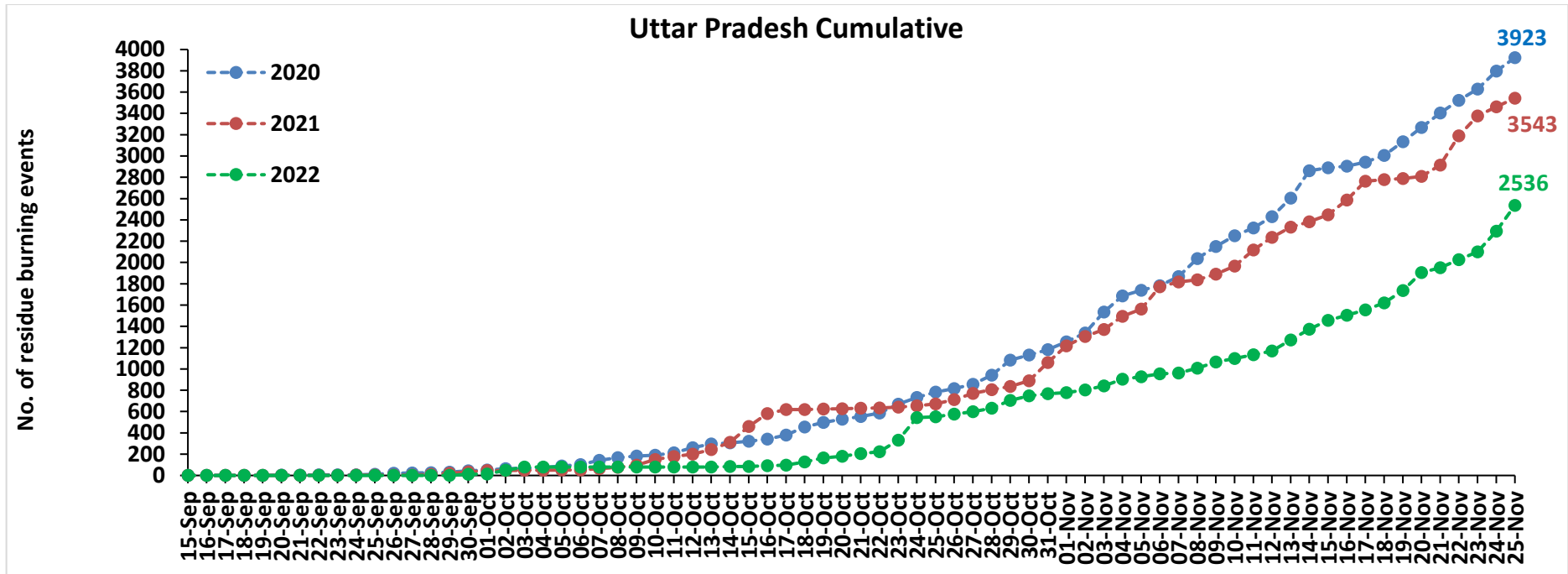


# Delhi

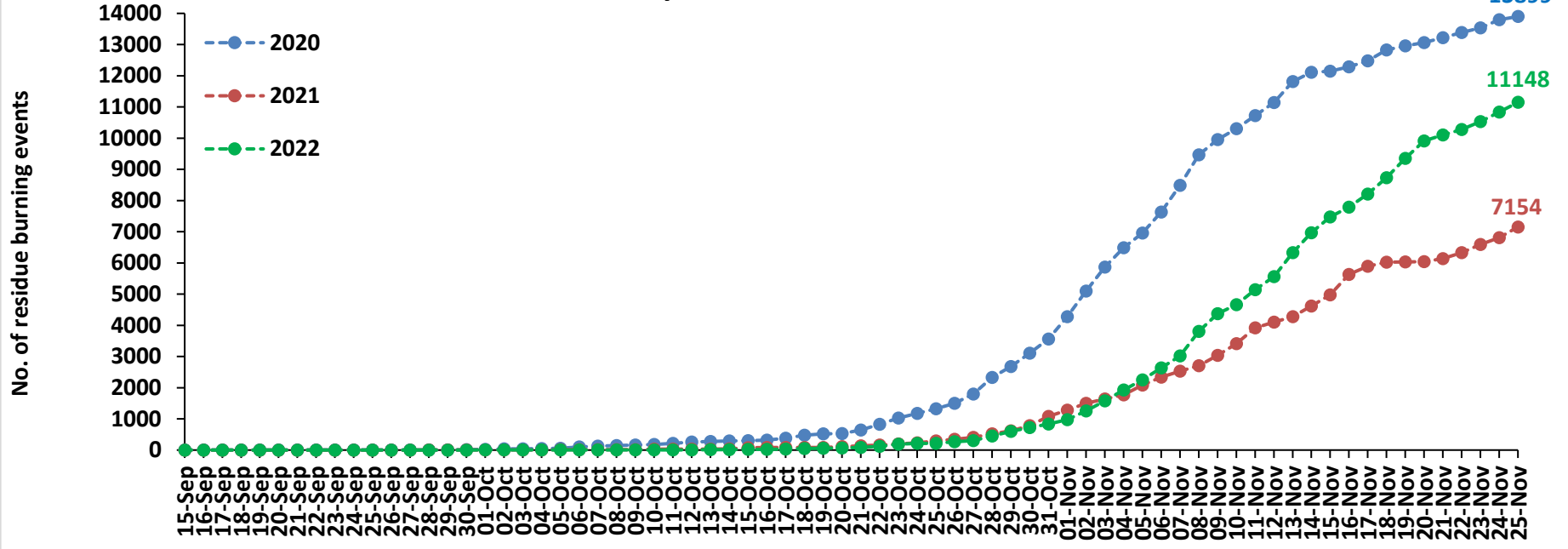


**Comparison of residue burning events in current year (2022) with previous years (2020 and 2021) for the study States**

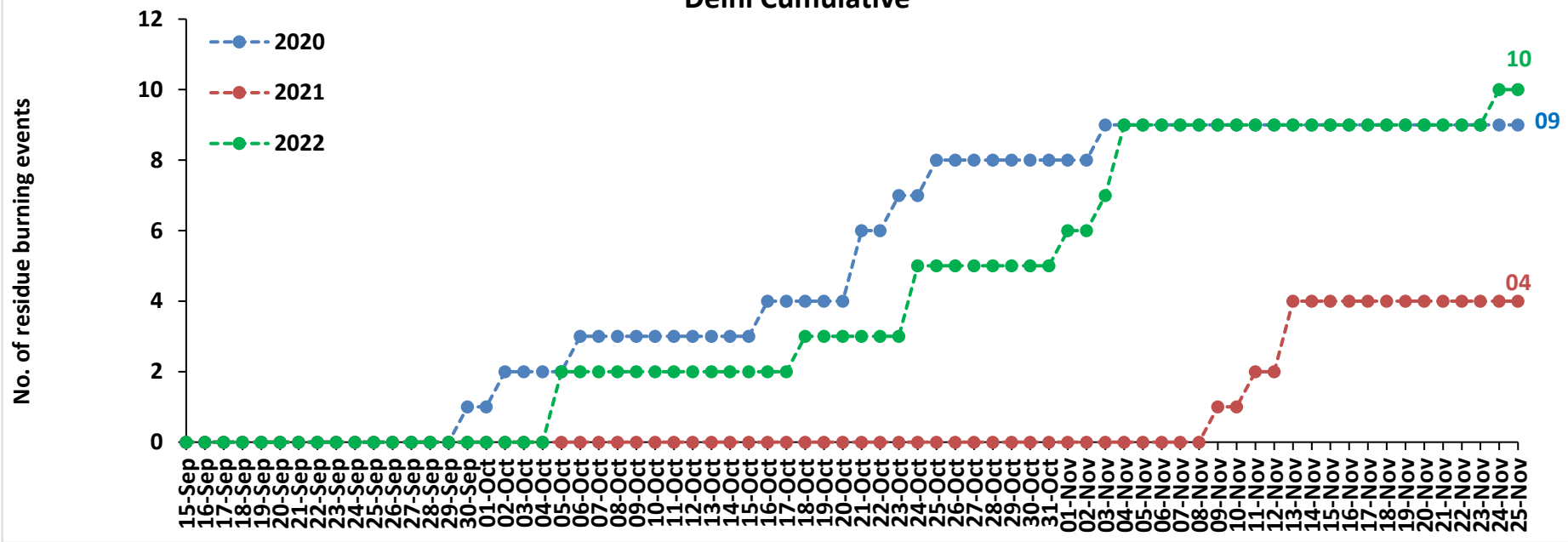




### Madhya Pradesh Cumulative

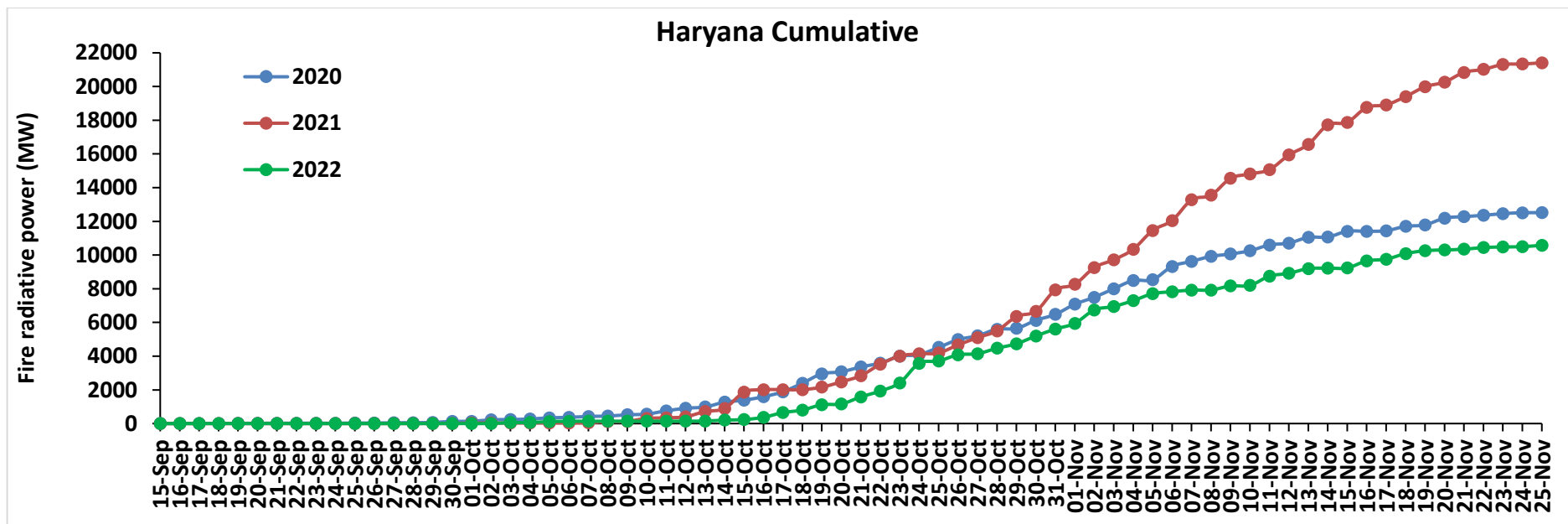
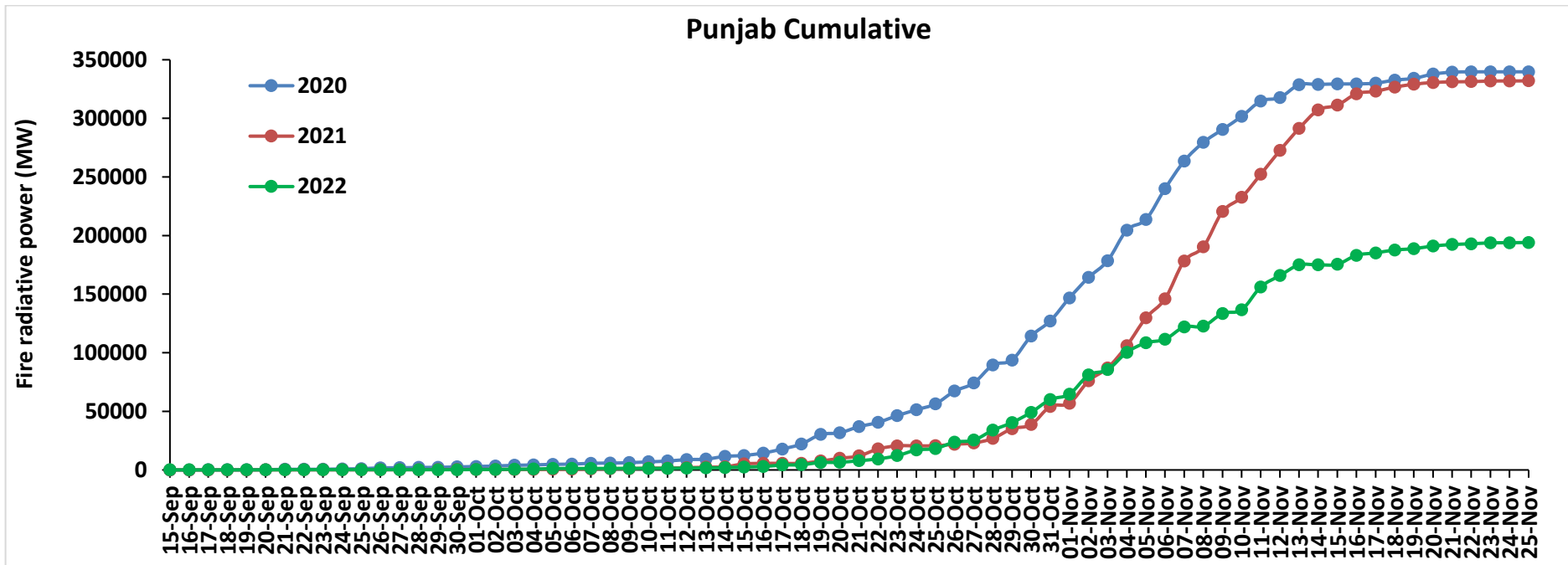


### Delhi Cumulative

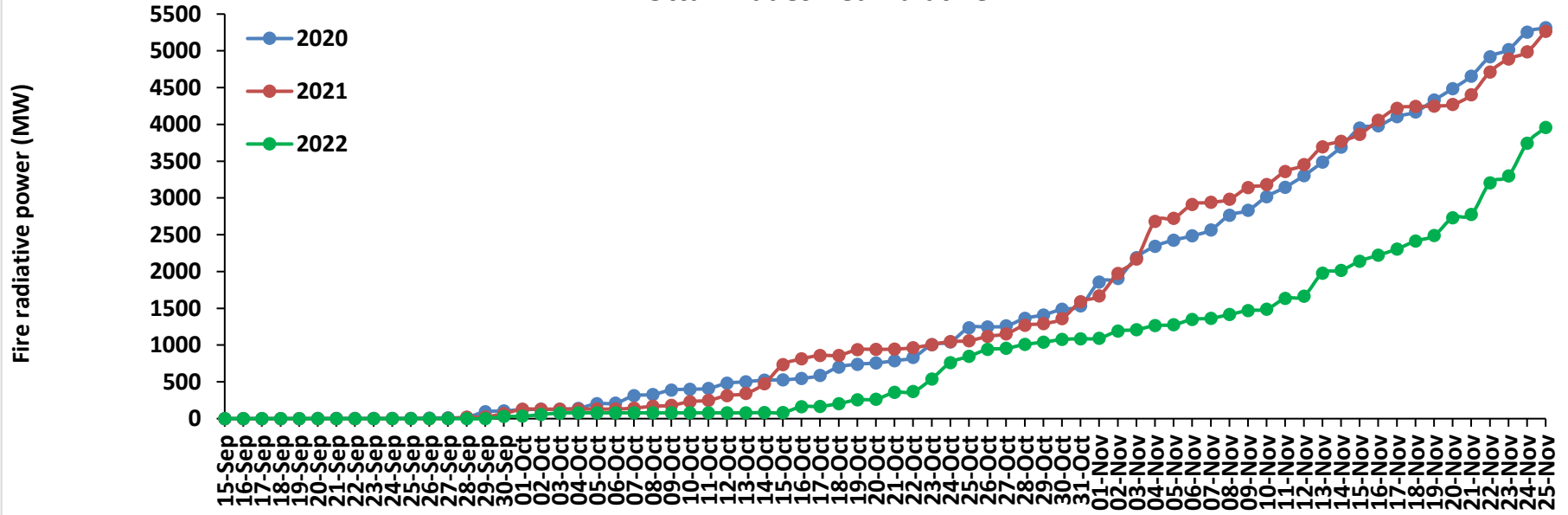




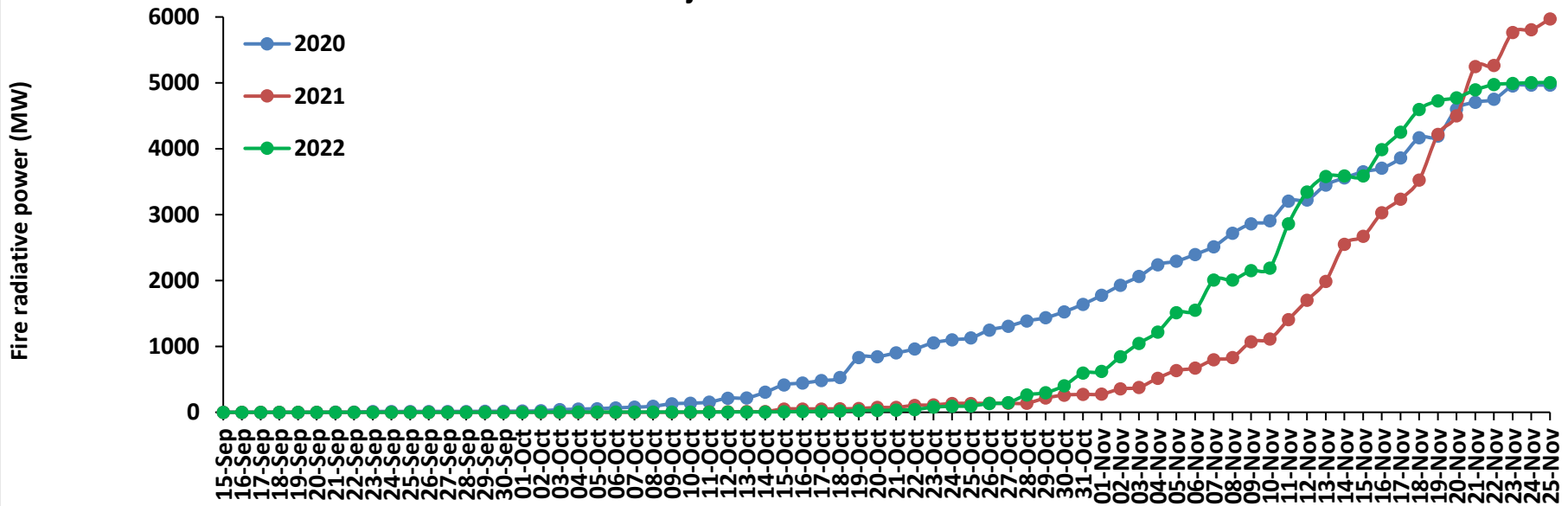
**Comparison of residue burning fire power in current year (2022) with previous years (2021 and 2020) for the study States**



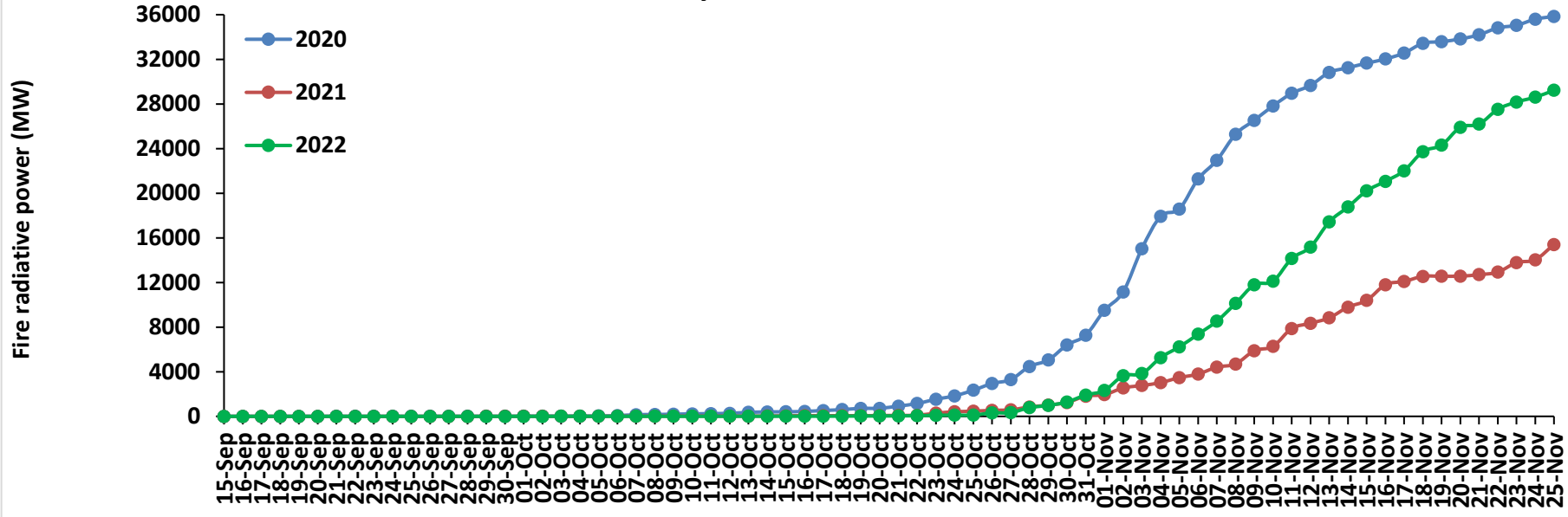
### Uttar Pradesh Cumulative



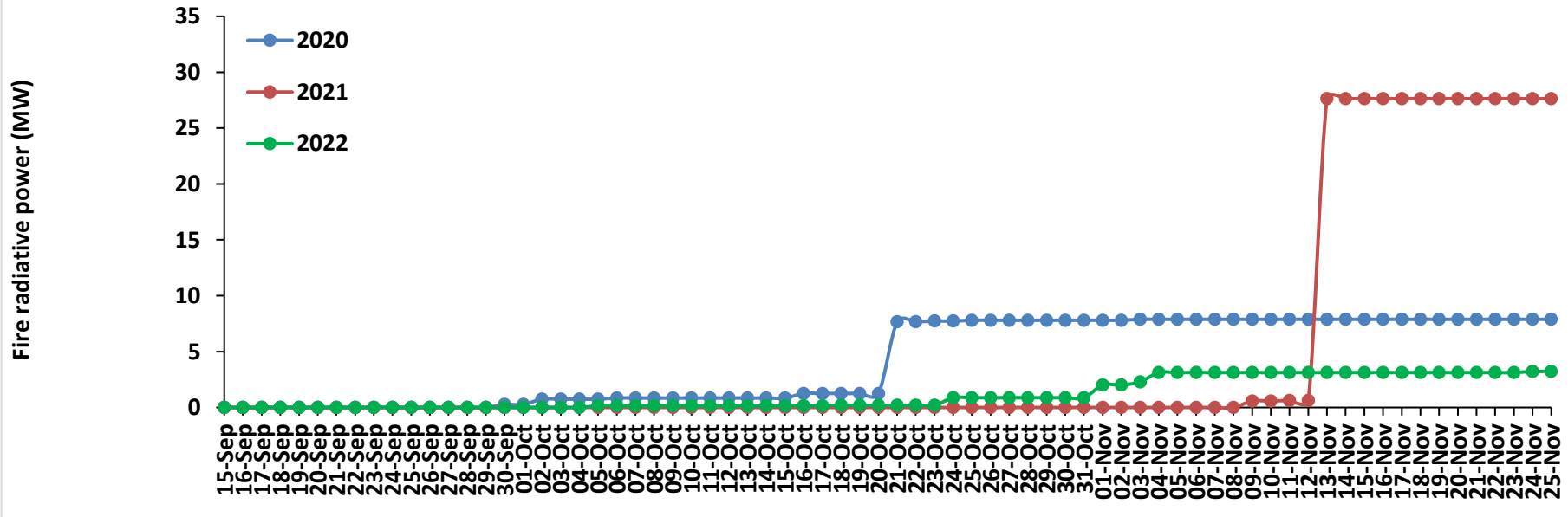
### Rajasthan Cumulative



### Madhya Pradesh Cumulative

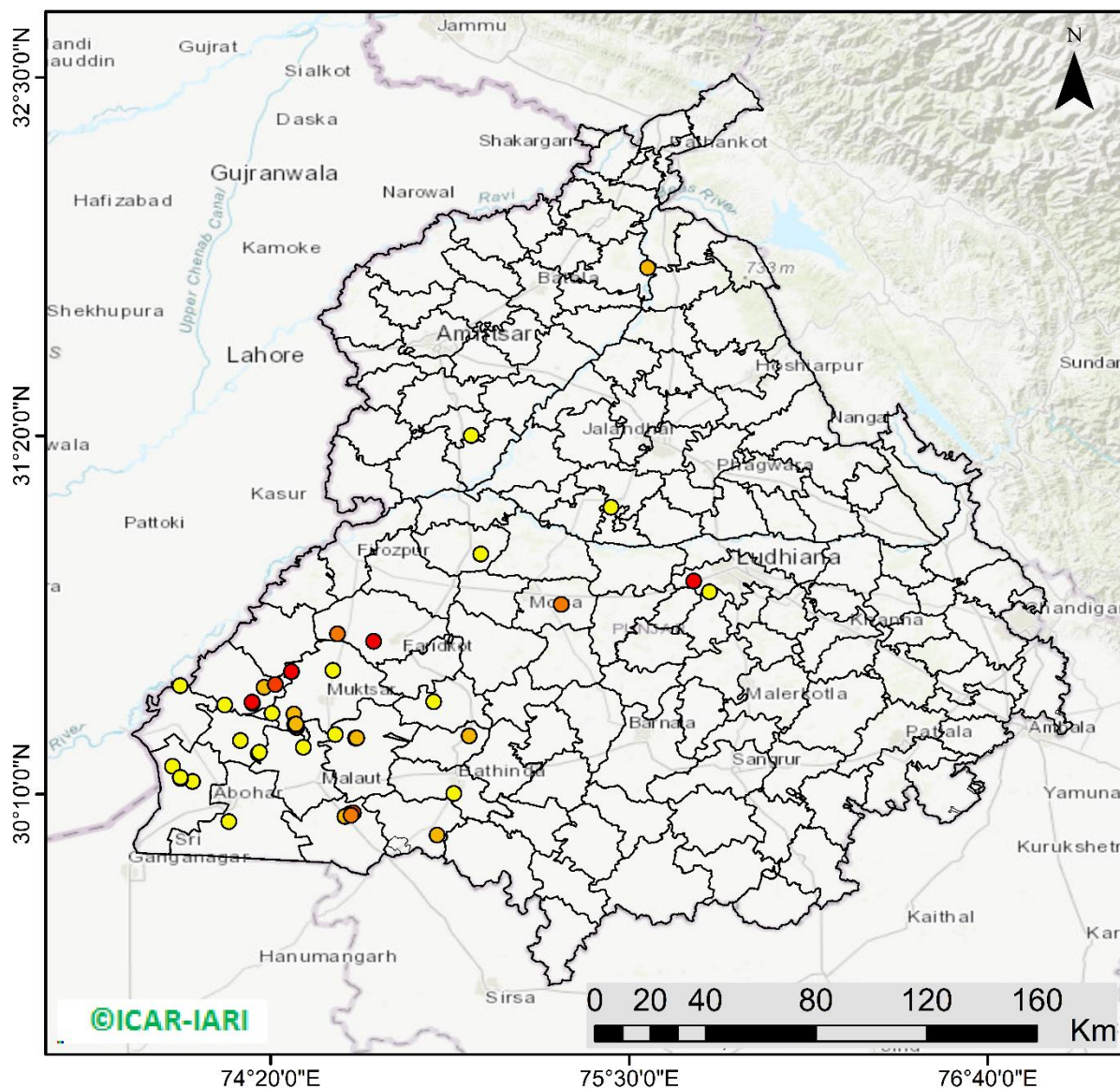


### Delhi Cumulative



## Punjab

### RICE RESIDUE BURNING IN PUNJAB



**44** burning events detected in Punjab during (25th Nov 2022)

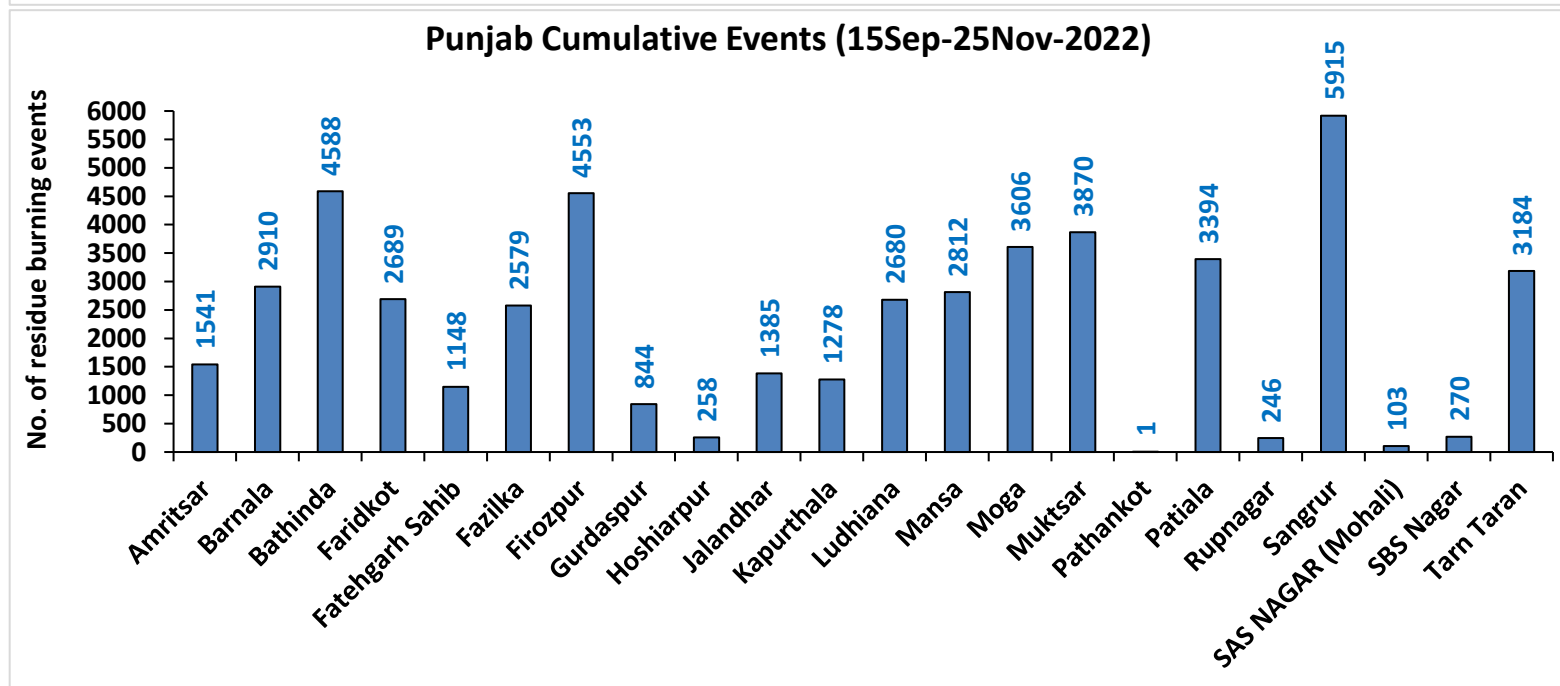
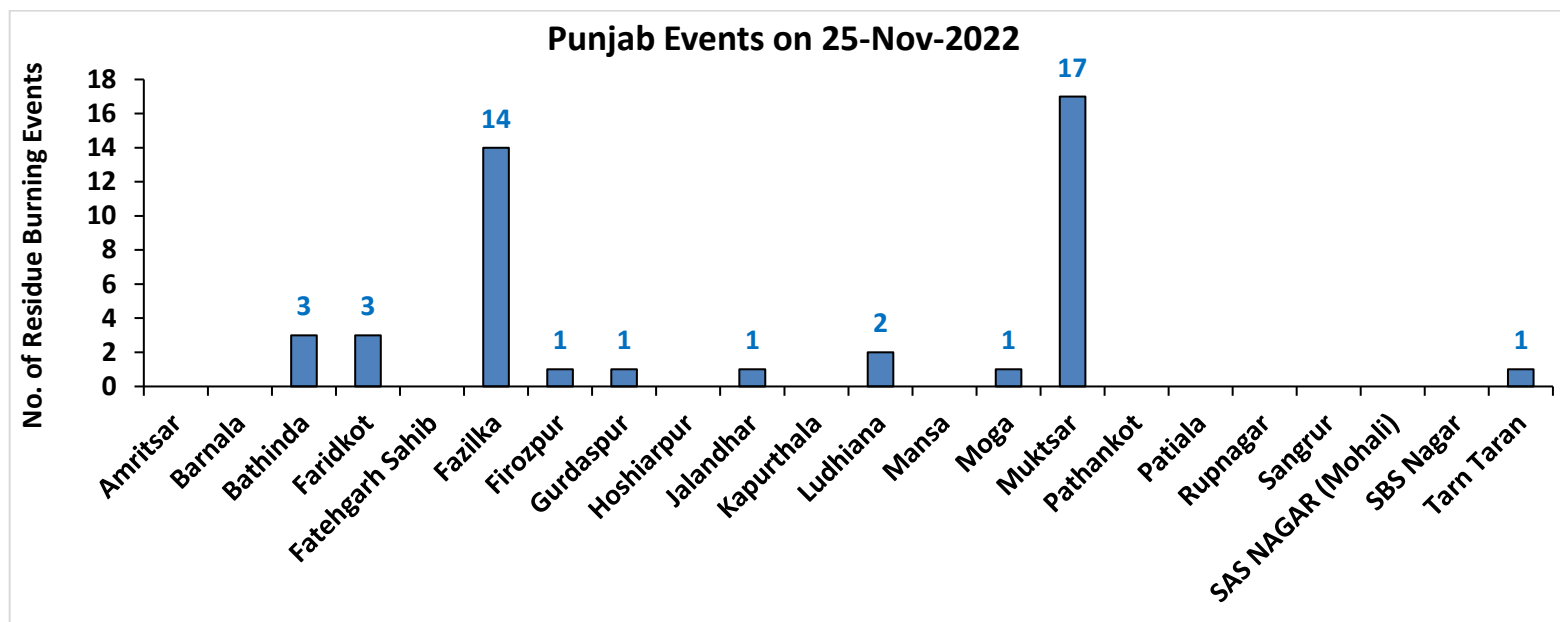
#### Fire Intensity (W/m<sup>2</sup>)

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



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

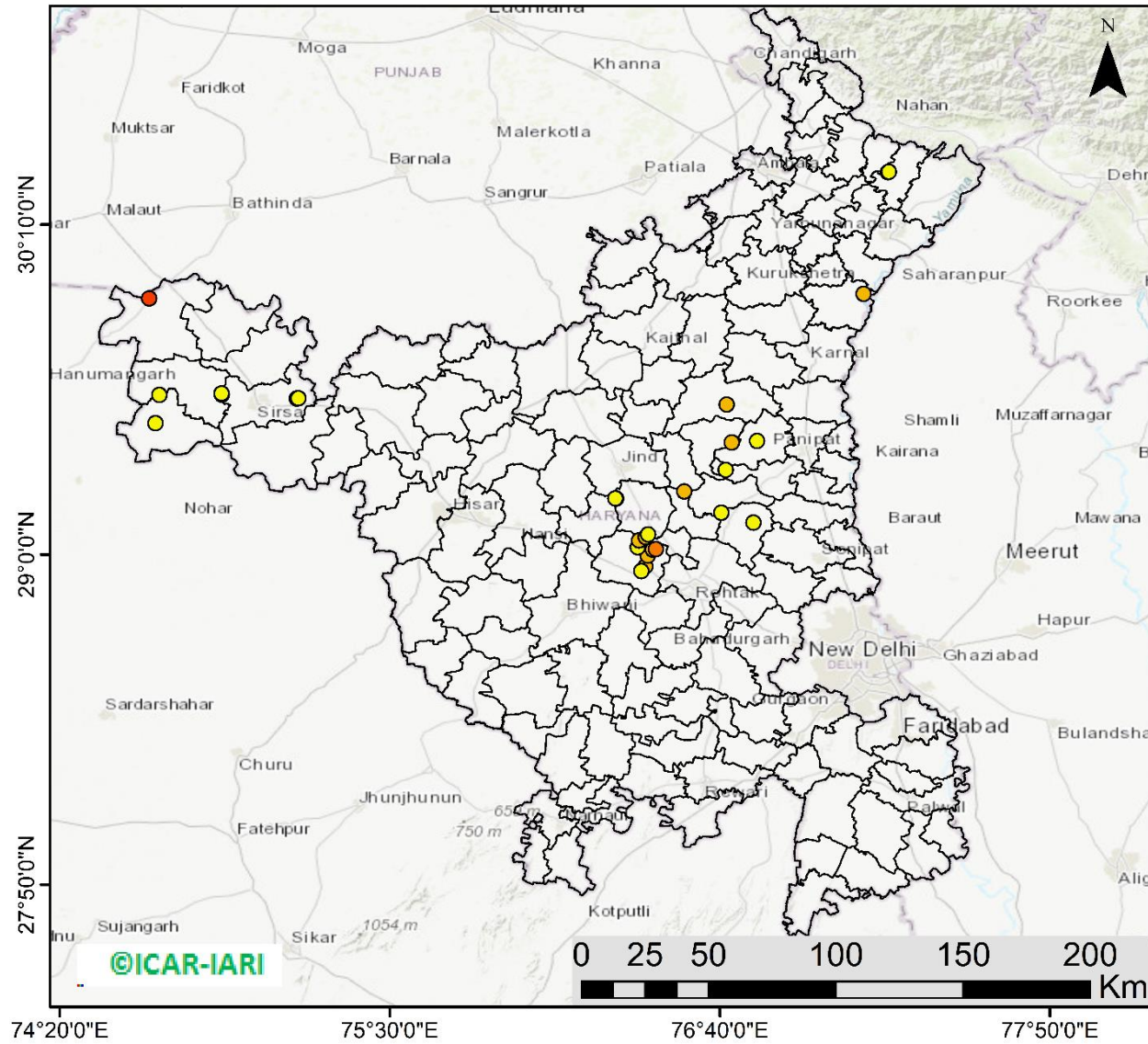
## District-wise cumulative number of residues burning events in Punjab (15Sep- 25Nov-2022)





# Haryana

## RICE RESIDUE BURNING IN HARYANA



**28** burning events detected in Haryana on (25th Nov 2022)

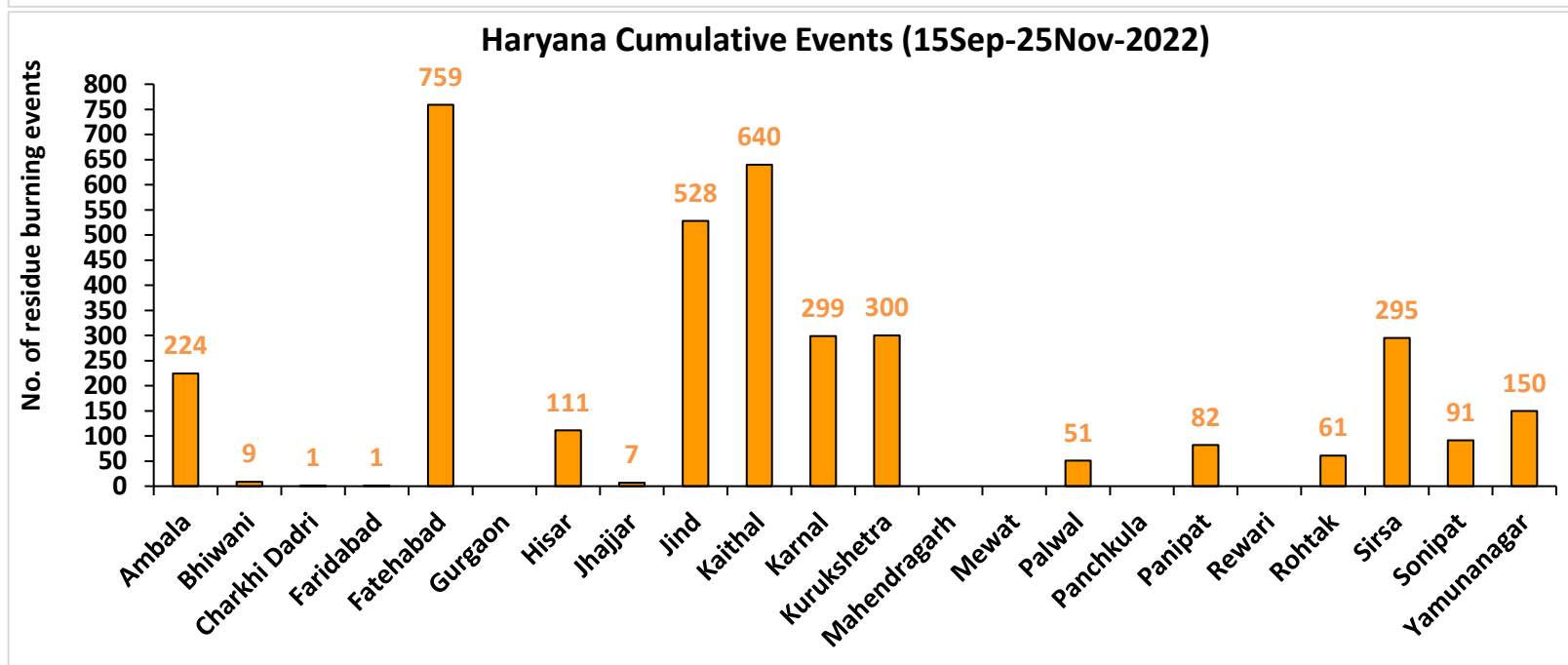
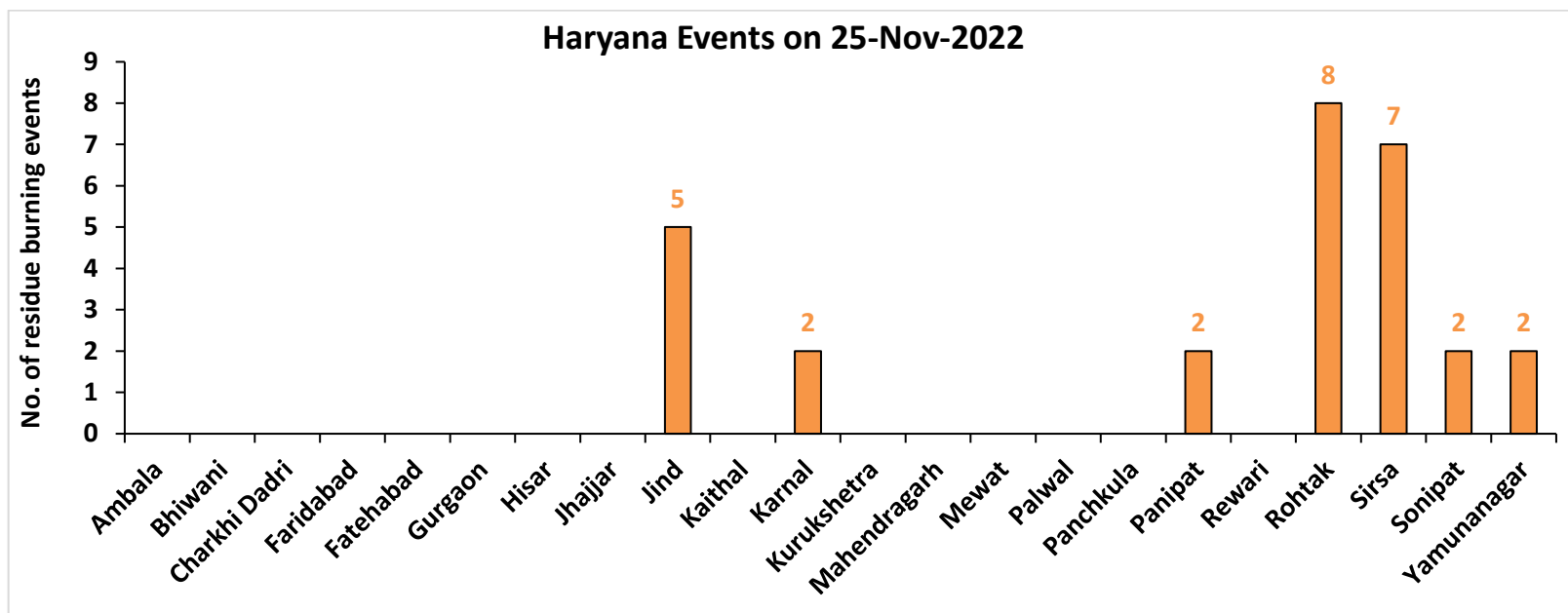
### Fire Intensity (W/m<sup>2</sup>)

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



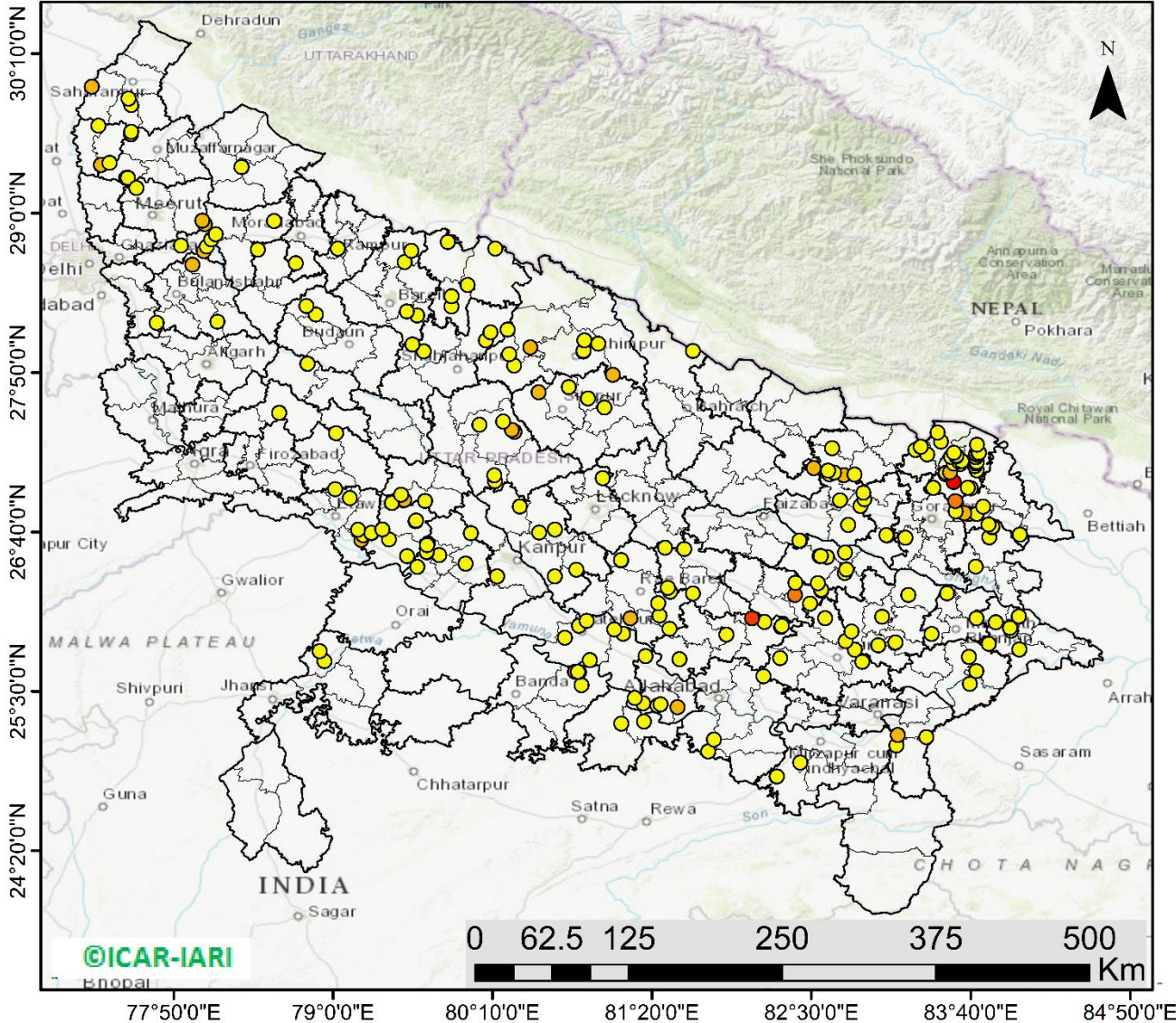
<http://geoportal.icar.gov.in:8080/geoexplorer/composer/>

## District-wise cumulative number of residues burning events in Haryana (15Sep- 25Nov-2022)



Uttar Pradesh

RICE RESIDUE BURNING IN UTTAR PRADESH



**241** burning events detected in Uttar Pradesh on (25th Nov 2022)

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

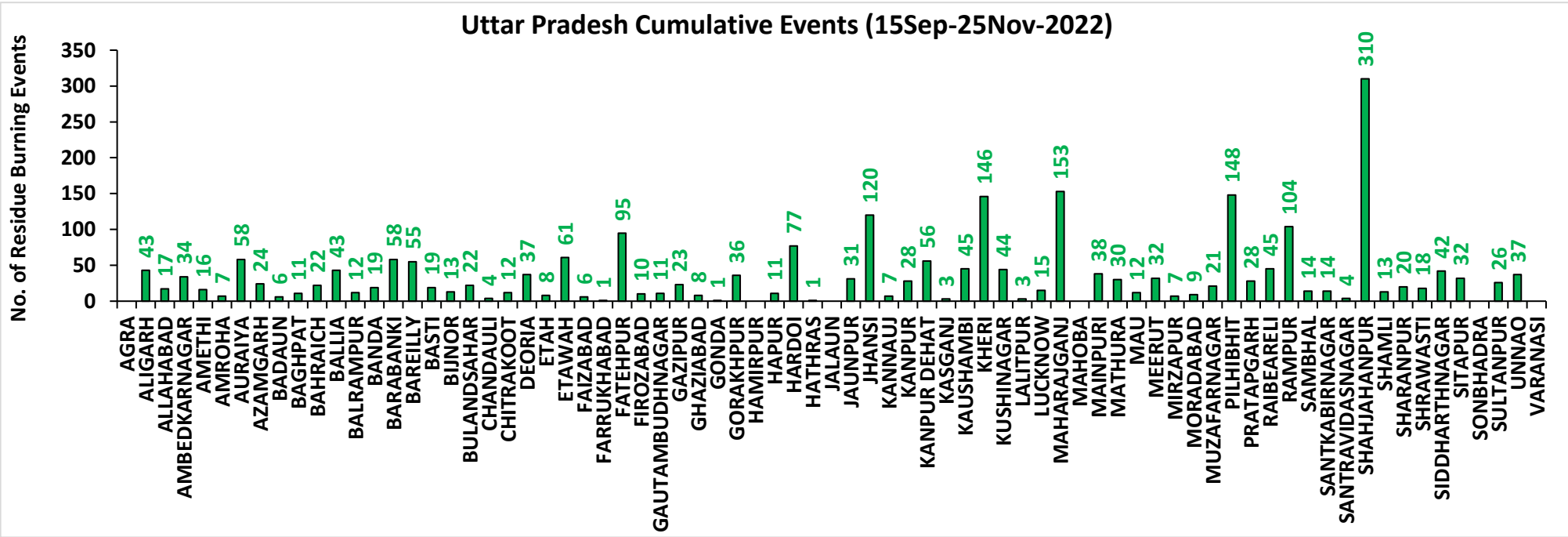
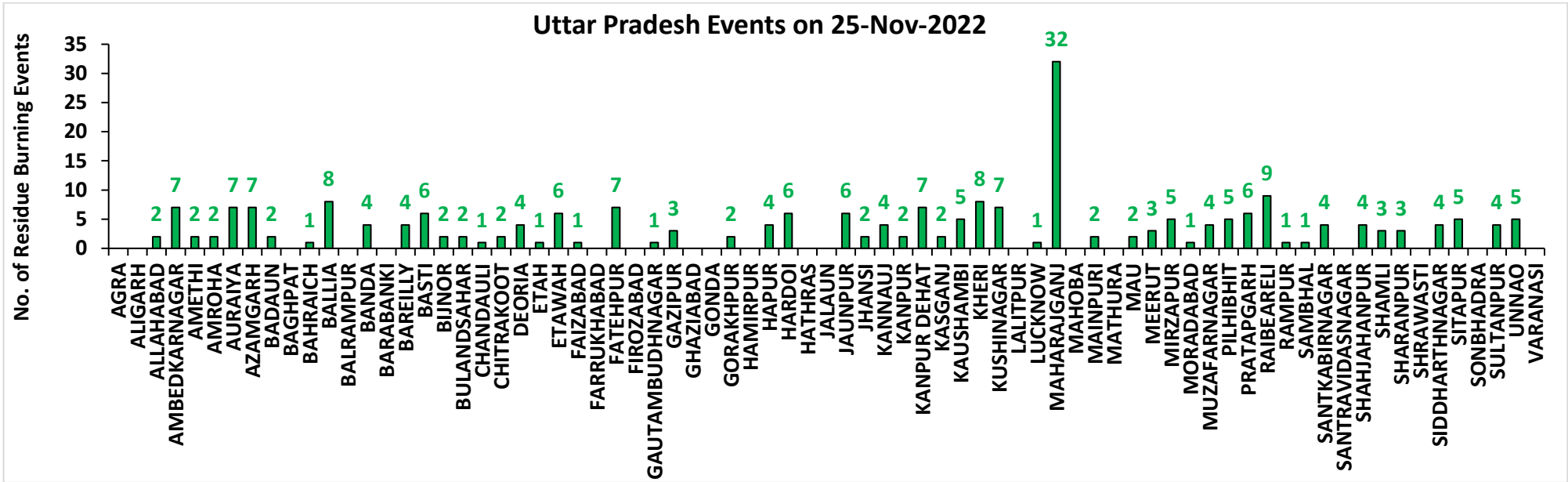
- 0 - 5
- 6 - 10
- 11 - 15
- 16 - 20
- >20



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

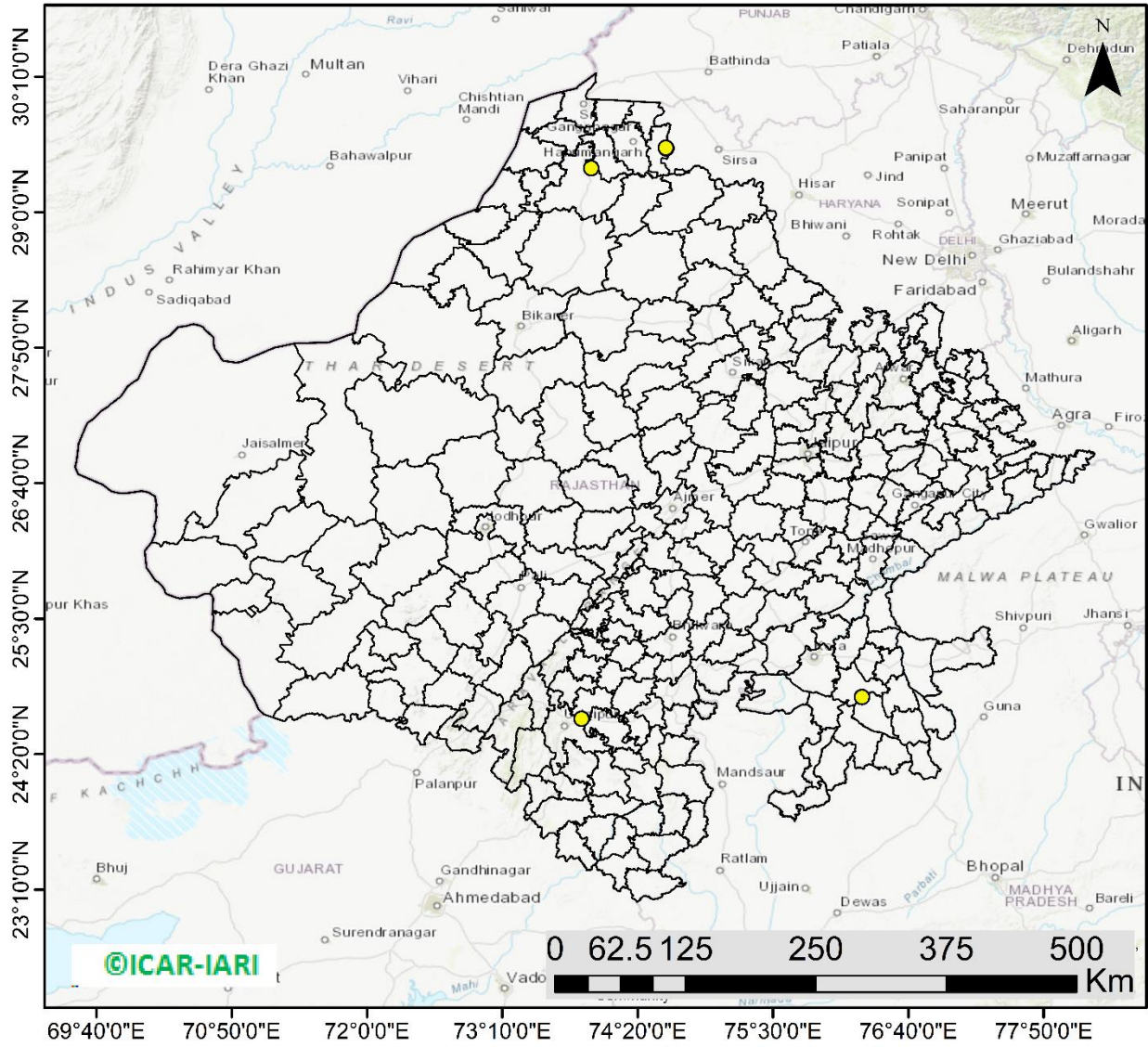


## District-wise cumulative number of residues burning events in Uttar Pradesh (15Sep- 25Nov-2022)



# Rajasthan

## RICE RESIDUE BURNING IN RAJASTHAN



**07** burning events detected in Rajasthan on (25th Nov 2022)

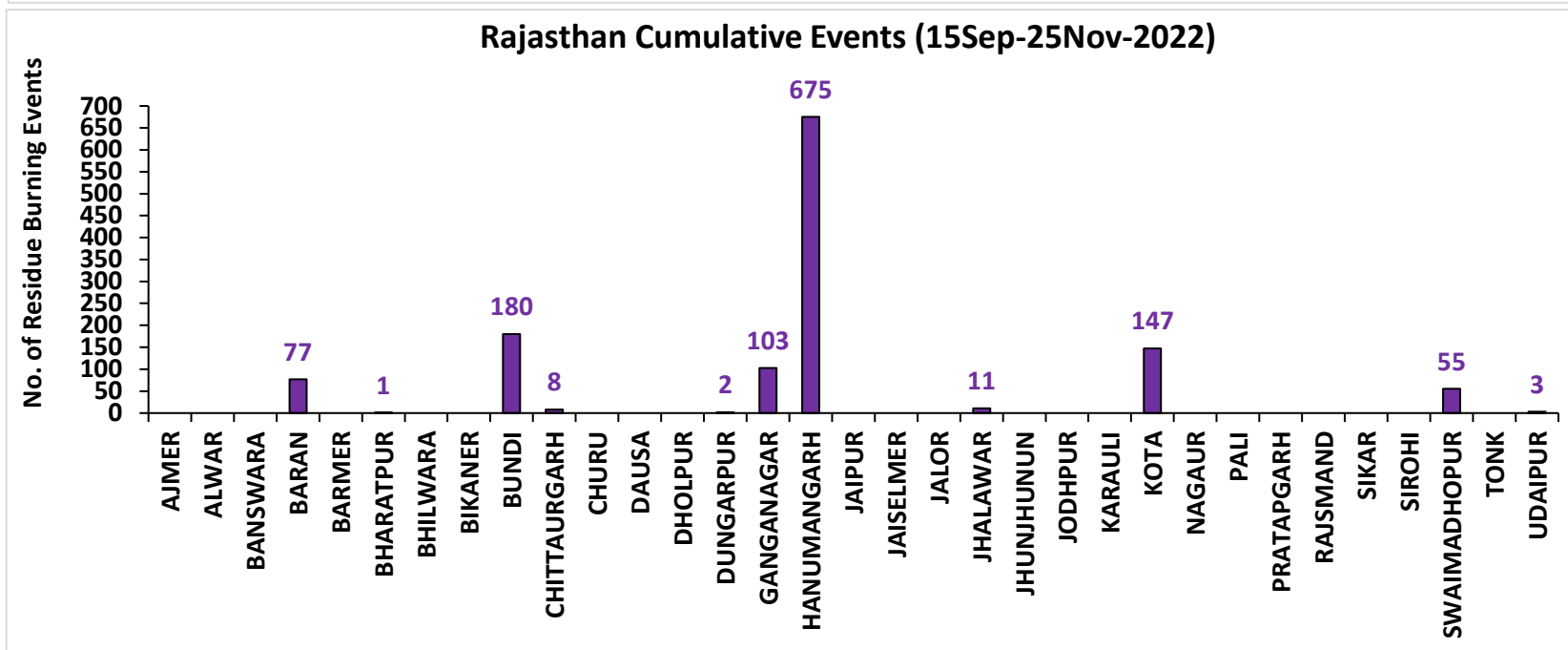
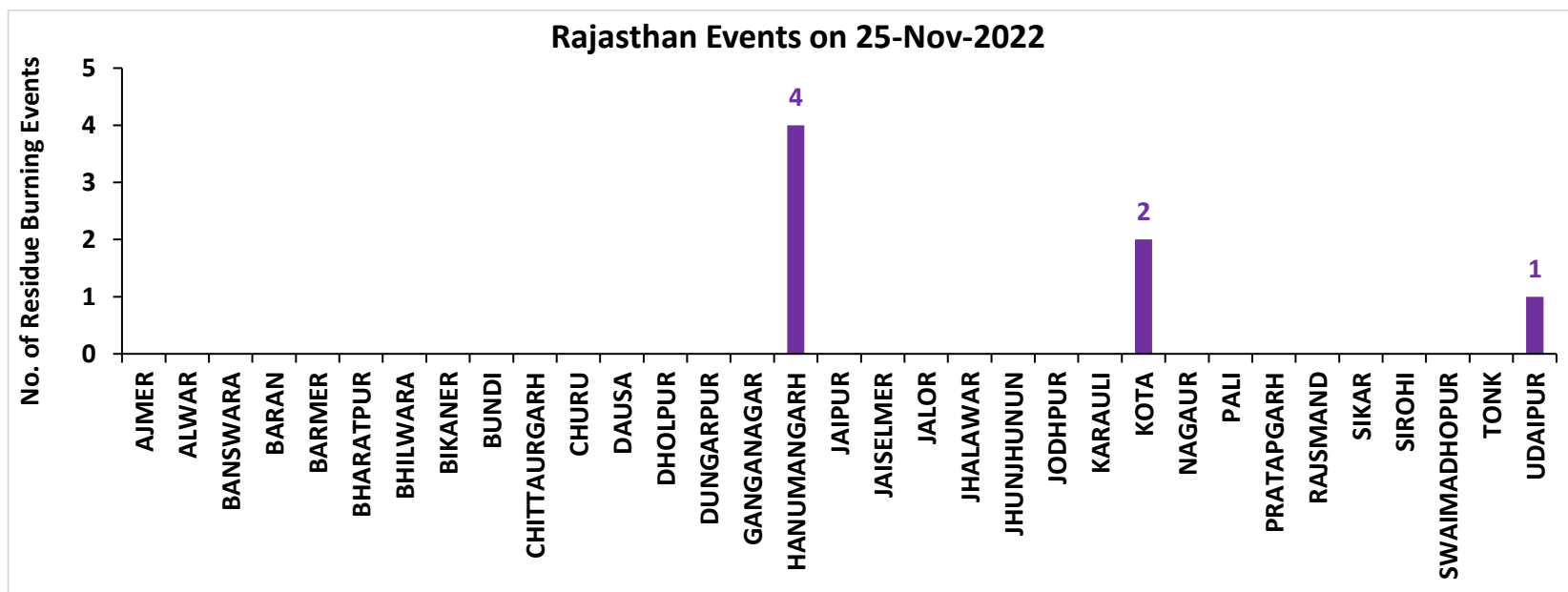
### Fire Intensity (W/m<sup>2</sup>)

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



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

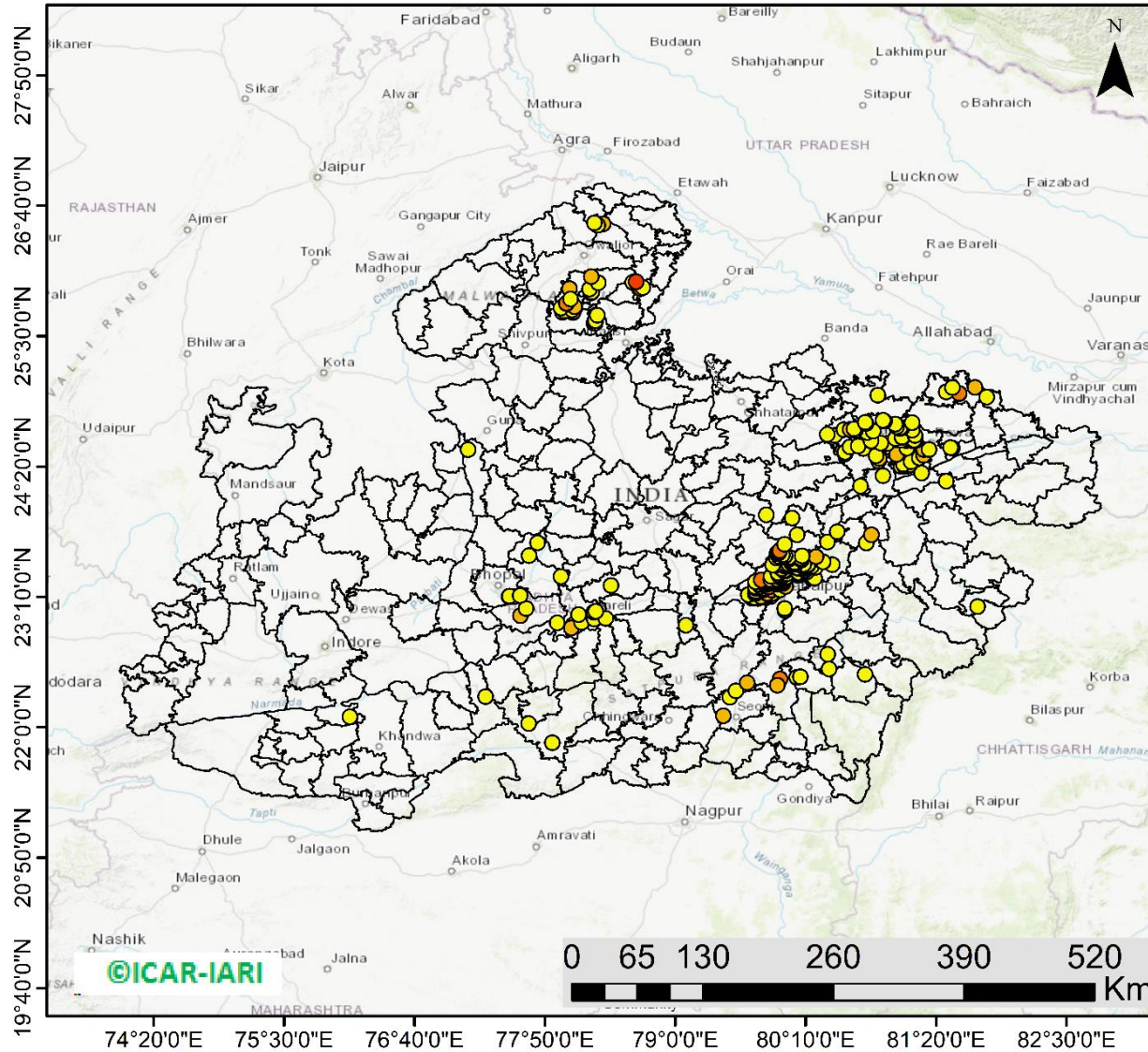
## District-wise cumulative number of residues burning events in Rajasthan (15Sep- 25Nov-2022)





# Madhya Pradesh

## RICE RESIDUE BURNING IN MADHYA PRADESH



**315** burning events  
detected in MP on  
(25th Nov 2022)

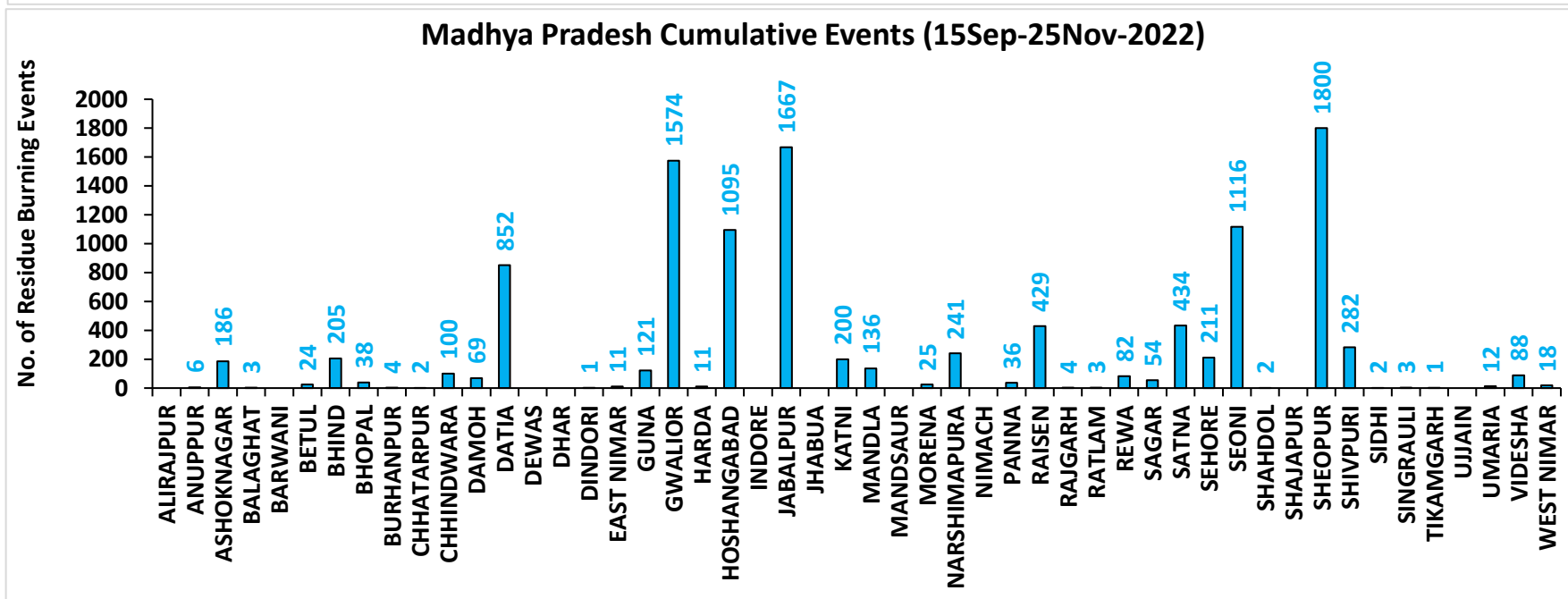
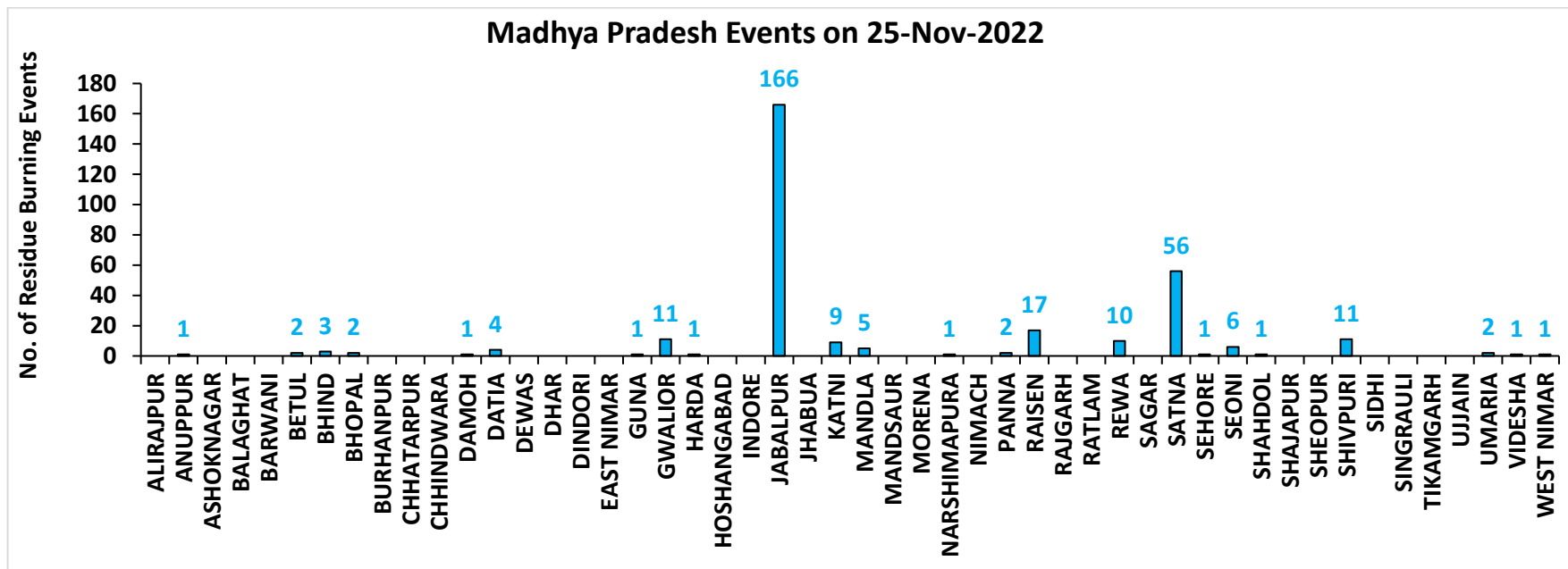
### Fire Intensity (W/m<sup>2</sup>)

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



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

## District-wise cumulative number of residues burning events in Madhya Pradesh (15Sep- 25Nov-2022)



**District-wise cumulative number of residues burning events detected in 2020 ,2021 and 2022**  
**(Period: 15 September-25 November)**

**(a) Punjab**

| District           | 15 Sep-25 Nov 2022 |              |              |
|--------------------|--------------------|--------------|--------------|
|                    | 2020               | 2021         | 2022         |
| Amritsar           | 3059               | 2173         | 1541         |
| Barnala            | 5336               | 4325         | 2910         |
| Bathinda           | 5226               | 4478         | 4588         |
| Faridkot           | 4727               | 3952         | 2689         |
| Fatehgarh Sahib    | 1536               | 1722         | 1148         |
| Fazilka            | 2523               | 2381         | 2579         |
| Firozpur           | 8509               | 6285         | 4553         |
| Gurdaspur          | 2124               | 1391         | 844          |
| Hoshiarpur         | 386                | 329          | 258          |
| Jalandhar          | 1939               | 2547         | 1385         |
| Kapurthala         | 1883               | 1796         | 1278         |
| Ludhiana           | 5054               | 5814         | 2680         |
| Mansa              | 3780               | 3214         | 2812         |
| Moga               | 7396               | 6515         | 3606         |
| Muktsar            | 4989               | 4583         | 3870         |
| Pathankot          | 13                 | 6            | 1            |
| Patiala            | 6431               | 5422         | 3394         |
| Rupnagar           | 205                | 307          | 246          |
| Sangrur            | 11724              | 9387         | 5915         |
| SAS NAGAR (Mohali) | 127                | 147          | 103          |
| SBS Nagar          | 131                | 355          | 270          |
| Tarn Taran         | 5604               | 4117         | 3184         |
| <b>Total</b>       | <b>82702</b>       | <b>71246</b> | <b>49854</b> |

**(b) Haryana**

| District      | 15 Sep-25 Nov 2022 |             |             |
|---------------|--------------------|-------------|-------------|
|               | 2020               | 2021        | 2022        |
| AMBALA        | 346                | 303         | 224         |
| BHIWANI       | 4                  | 10          | 9           |
| CHARKHI DADRI | 0                  | 0           | 1           |
| FARIDABAD     | 1                  | 3           | 1           |
| FATEHABAD     | 843                | 1473        | 759         |
| GURGAON       | 0                  | 0           | 0           |
| HISAR         | 52                 | 226         | 111         |
| JHAJJAR       | 6                  | 7           | 7           |
| JIND          | 343                | 905         | 528         |
| KAITHAL       | 838                | 1152        | 640         |
| KARNAL        | 581                | 952         | 299         |
| KURUKSHETRA   | 406                | 538         | 300         |
| MAHENDRAGARH  | 0                  | 0           | 0           |
| MEWAT         | 0                  | 0           | 0           |
| PALWAL        | 46                 | 114         | 51          |
| PANCHKULA     | 0                  | 0           | 0           |
| PANIPAT       | 50                 | 241         | 82          |
| REWARI        | 0                  | 0           | 0           |
| ROHTAK        | 48                 | 68          | 61          |
| SIRSA         | 261                | 531         | 295         |
| SONIPAT       | 70                 | 201         | 91          |
| YAMUNANAGAR   | 142                | 146         | 150         |
| <b>Total</b>  | <b>4037</b>        | <b>6870</b> | <b>3609</b> |

(c) Uttar Pradesh

| District      | 15 Sep-25 Nov 2022 |      |      |                 |     |     |     |                  |             |             |             |
|---------------|--------------------|------|------|-----------------|-----|-----|-----|------------------|-------------|-------------|-------------|
|               | 2020               | 2021 | 2022 | GAUTAMBUDHNAGAR | 15  | 19  | 11  | MUZAFARNAGAR     | 48          | 22          | 21          |
| AGRA          | 7                  | 0    | 0    | GAZIPUR         | 24  | 24  | 23  | PILHIBHIT        | 21          | 213         | 148         |
| ALIGARH       | 113                | 39   | 43   | GHAZIABAD       | 26  | 14  | 8   | PRATAPGARH       | 41          | 36          | 28          |
| ALLAHABAD     | 34                 | 19   | 17   | GONDA           | 12  | 11  | 1   | RAIBEARELI       | 40          | 76          | 45          |
| AMBEDKARNAGAR | 35                 | 27   | 34   | GORAKHPUR       | 45  | 28  | 36  | RAMPUR           | 163         | 187         | 104         |
| AMETHI        | 9                  | 20   | 16   | HAMIRPUR        | 6   | 0   | 0   | SAMBHAL          | 19          | 17          | 14          |
| AMROHA        | 12                 | 8    | 7    | HAPUR           | 31  | 13  | 11  | SANTKABIRNAGAR   | 29          | 20          | 14          |
| AURAIYA       | 82                 | 68   | 58   | HARDOI          | 101 | 106 | 77  | SANTRAVIDASNAGAR | 4           | 5           | 4           |
| AZAMGARH      | 60                 | 26   | 24   | HATHRAS         | 0   | 0   | 1   | SHAHJAHANPUR     | 143         | 410         | 310         |
| BADAUN        | 14                 | 16   | 6    | JALAUN          | 43  | 0   | 0   | SHAMLI           | 46          | 41          | 13          |
| BAGHPAT       | 18                 | 12   | 11   | JAUNPUR         | 47  | 33  | 31  | SAHARANPUR       | 95          | 71          | 20          |
| BAHRAICH      | 106                | 59   | 22   | JHANSI          | 340 | 126 | 120 | SHRAWASTI        | 47          | 45          | 18          |
| BALLIA        | 133                | 64   | 43   | KANNAUJ         | 33  | 6   | 7   | SIDDHARTHANAGAR  | 74          | 128         | 42          |
| BALRAMPUR     | 67                 | 20   | 12   | KANPUR          | 31  | 33  | 28  | SITAPUR          | 64          | 46          | 32          |
| BANDA         | 38                 | 11   | 19   | KANPUR DEHAT    | 81  | 47  | 56  | SONBHADRA        | 0           | 2           | 0           |
| BARABANKI     | 36                 | 68   | 58   | KASGANJ         | 3   | 2   | 3   | SULTANPUR        | 7           | 24          | 26          |
| BAREILLY      | 79                 | 63   | 55   | KAUSHAMBI       | 89  | 80  | 45  | UNNAO            | 45          | 30          | 37          |
| BASTI         | 57                 | 50   | 19   | KHERI           | 170 | 164 | 146 | VARANASI         | 2           | 5           | 0           |
| BIJNOR        | 40                 | 38   | 13   | KUSHINAGAR      | 80  | 34  | 44  | <b>Total</b>     | <b>3923</b> | <b>3543</b> | <b>2536</b> |
| BULANDSAHAR   | 61                 | 9    | 22   | LALITPUR        | 3   | 6   | 3   |                  |             |             |             |
| CHANDAULI     | 17                 | 6    | 4    | LUCKNOW         | 35  | 33  | 15  |                  |             |             |             |
| CHITRAKOOT    | 12                 | 9    | 12   | MAHARAJGANJ     | 55  | 137 | 153 |                  |             |             |             |
| DEORIA        | 83                 | 28   | 37   | MAHOBA          | 27  | 0   | 0   |                  |             |             |             |
| ETAH          | 17                 | 10   | 8    | MAINPURI        | 63  | 49  | 38  |                  |             |             |             |
| ETAWAH        | 75                 | 88   | 61   | MATHURA         | 160 | 240 | 30  |                  |             |             |             |
| FAIZABAD      | 14                 | 11   | 6    | MAU             | 32  | 17  | 12  |                  |             |             |             |
| FARRUKHABAD   | 6                  | 4    | 1    | MEERUT          | 71  | 32  | 32  |                  |             |             |             |
| FATEHPUR      | 121                | 99   | 95   | MIRZAPUR        | 10  | 10  | 7   |                  |             |             |             |
| FIROZABAD     | 27                 | 17   | 10   | MORADABAD       | 29  | 12  | 9   |                  |             |             |             |

**(d) Delhi**

| District         | 15 Sep-25 Nov 2022 |          |           |
|------------------|--------------------|----------|-----------|
|                  | 2020               | 2021     | 2022      |
| CENTRAL          | 0                  | 0        | 0         |
| EAST             | 0                  | 0        | 0         |
| NEW DELHI        | 0                  | 0        | 0         |
| NORTH            | 3                  | 3        | 9         |
| NORTH EAST       | 0                  | 0        | 0         |
| NORTH WEST DELHI | 3                  | 1        | 0         |
| SHAHADRA         | 0                  | 0        | 0         |
| SOUTH            | 1                  | 0        | 0         |
| SOUTH EAST       | 0                  | 0        | 0         |
| SOUTH WEST DELHI | 0                  | 0        | 0         |
| WEST DELHI       | 2                  | 0        | 1         |
| <b>Total</b>     | <b>9</b>           | <b>4</b> | <b>10</b> |

**(e) Rajasthan**

| District     | 15 Sep-25 Nov 2022 |             |             |
|--------------|--------------------|-------------|-------------|
|              | 2020               | 2021        | 2022        |
| AJMER        | 3                  | 0           | 0           |
| ALWAR        | 10                 | 0           | 0           |
| BANSWARA     | 0                  | 0           | 0           |
| BARAN        | 167                | 11          | 77          |
| BARMER       | 4                  | 0           | 0           |
| BHARATPUR    | 2                  | 3           | 1           |
| BHILWARA     | 11                 | 0           | 0           |
| BIKANER      | 1                  | 0           | 0           |
| BUNDI        | 128                | 84          | 180         |
| CHITTAURGARH | 2                  | 13          | 8           |
| CHURU        | 0                  | 0           | 0           |
| DAUSA        | 1                  | 0           | 0           |
| DHOLPUR      | 0                  | 0           | 0           |
| DUNGARPUR    | 0                  | 0           | 2           |
| GANGANAGAR   | 202                | 139         | 103         |
| HANUMANGARH  | 894                | 935         | 675         |
| JAIPUR       | 4                  | 0           | 0           |
| JAISELMER    | 5                  | 0           | 0           |
| JALOR        | 2                  | 0           | 0           |
| JHALAWAR     | 10                 | 1           | 11          |
| JHUNJHUNUN   | 1                  | 0           | 0           |
| JODHPUR      | 5                  | 0           | 0           |
| KARAULI      | 1                  | 0           | 0           |
| KOTA         | 116                | 57          | 147         |
| NAGAUR       | 3                  | 0           | 0           |
| PALI         | 11                 | 0           | 0           |
| PRATAPGARH   | 8                  | 0           | 0           |
| RAJSMAND     | 1                  | 0           | 0           |
| SIKAR        | 0                  | 0           | 0           |
| SIROHI       | 2                  | 0           | 0           |
| SWAIMADHOPUR | 65                 | 34          | 55          |
| TONK         | 5                  | 0           | 0           |
| UDAIPUR      | 2                  | 1           | 3           |
| <b>Total</b> | <b>1666</b>        | <b>1278</b> | <b>1262</b> |



(f) Madhya Pradesh

| District     | 15 Sep-25 Nov 2022 |      |      |              |              |             |              |
|--------------|--------------------|------|------|--------------|--------------|-------------|--------------|
|              | 2020               | 2021 | 2022 | PANNA        | 50           | 21          | 36           |
| ALIRAJPUR    | 0                  | 0    | 0    | RAISEN       | 602          | 330         | 429          |
| ANUPPUR      | 3                  | 2    | 6    | RAJGARH      | 11           | 3           | 5            |
| ASHOKNAGAR   | 156                | 90   | 186  | RATLAM       | 10           | 7           | 3            |
| BALAGHAT     | 8                  | 4    | 3    | REWA         | 136          | 93          | 82           |
| BARWANI      | 4                  | 0    | 0    | SAGAR        | 28           | 30          | 54           |
| BETUL        | 36                 | 14   | 24   | SATNA        | 570          | 454         | 434          |
| BHIND        | 259                | 149  | 205  | SEHORE       | 162          | 148         | 211          |
| BHOPAL       | 50                 | 38   | 38   | SEONI        | 1231         | 886         | 1116         |
| BURHANPUR    | 16                 | 1    | 4    | SHAHDOL      | 3            | 1           | 2            |
| CHHATARPUR   | 9                  | 0    | 2    | SHAJAPUR     | 20           | 0           | 0            |
| CHHINDWARA   | 135                | 56   | 100  | SHEOPUR      | 1858         | 984         | 1800         |
| DAMOH        | 75                 | 52   | 69   | SHIVPURI     | 382          | 77          | 282          |
| DATIA        | 1185               | 478  | 852  | SIDHI        | 4            | 5           | 2            |
| DEWAS        | 8                  | 0    | 0    | SINGRAULI    | 0            | 6           | 3            |
| DHAR         | 45                 | 0    | 0    | TIKAMGARH    | 4            | 0           | 1            |
| DINDORI      | 0                  | 0    | 1    | UJJAIN       | 14           | 0           | 0            |
| EAST NIMAR   | 23                 | 7    | 11   | UMARIA       | 8            | 7           | 12           |
| GUNA         | 69                 | 11   | 121  | VIDESHA      | 142          | 99          | 88           |
| GWALIOR      | 2045               | 595  | 1574 | WEST NIMAR   | 66           | 10          | 18           |
| HARDA        | 14                 | 21   | 11   | <b>Total</b> | <b>13899</b> | <b>7154</b> | <b>11148</b> |
| HOSHANGABAD  | 1059               | 1062 | 1095 |              |              |             |              |
| INDORE       | 4                  | 0    | 0    |              |              |             |              |
| JABALPUR     | 2564               | 1025 | 1666 |              |              |             |              |
| JHABUA       | 0                  | 0    | 0    |              |              |             |              |
| KATNI        | 324                | 99   | 200  |              |              |             |              |
| MANDLA       | 147                | 97   | 136  |              |              |             |              |
| MANDSAUR     | 14                 | 0    | 0    |              |              |             |              |
| MORENA       | 62                 | 37   | 25   |              |              |             |              |
| NARSHIMAPURA | 282                | 155  | 241  |              |              |             |              |
| NIMACH       | 2                  | 0    | 0    |              |              |             |              |

**State-wise and date-wise number of paddy residue burning events detected in 2020, 2021 and 2022**  
**(Period: 15 September - 25 November 2022)**

**Number of Paddy Residue Burning Events Detected**

|        | Punjab |      |      | Haryana |      |      | Uttar Pradesh |      |      | Delhi |      |      | Rajasthan |      |      | Madhya Pradesh |      |      |
|--------|--------|------|------|---------|------|------|---------------|------|------|-------|------|------|-----------|------|------|----------------|------|------|
|        | 2020   | 2021 | 2022 | 2020    | 2021 | 2022 | 2020          | 2021 | 2022 | 2020  | 2021 | 2022 | 2020      | 2021 | 2022 | 2020           | 2021 | 2022 |
| 15-Sep | 5      | 0    | 14   | 2       | 0    | 0    | 1             | 0    | 0    | 0     | 0    | 0    | 1         | 0    | 0    | 2              | 0    | 0    |
| 16-Sep | 0      | 2    | 0    | 1       | 0    | 0    | 0             | 0    | 0    | 0     | 0    | 0    | 0         | 0    | 0    | 0              | 0    | 0    |
| 17-Sep | 5      | 0    | 1    | 3       | 0    | 0    | 0             | 0    | 0    | 0     | 0    | 0    | 0         | 0    | 0    | 0              | 0    | 0    |
| 18-Sep | 17     | 9    | 7    | 0       | 0    | 1    | 0             | 1    | 0    | 0     | 0    | 0    | 0         | 0    | 0    | 0              | 0    | 0    |
| 19-Sep | 30     | 5    | 18   | 2       | 0    | 0    | 0             | 1    | 0    | 0     | 0    | 0    | 0         | 0    | 0    | 0              | 0    | 0    |
| 20-Sep | 67     | 8    | 10   | 6       | 0    | 0    | 2             | 0    | 0    | 0     | 0    | 0    | 0         | 0    | 0    | 0              | 0    | 0    |
| 21-Sep | 54     | 0    | 56   | 2       | 0    | 0    | 1             | 0    | 0    | 0     | 0    | 0    | 1         | 0    | 1    | 2              | 0    | 0    |
| 22-Sep | 34     | 0    | 30   | 1       | 0    | 0    | 1             | 0    | 0    | 0     | 0    | 0    | 0         | 0    | 0    | 0              | 0    | 0    |
| 23-Sep | 49     | 0    | 3    | 0       | 0    | 0    | 1             | 0    | 0    | 0     | 0    | 0    | 1         | 0    | 0    | 0              | 0    | 0    |
| 24-Sep | 78     | 5    | 0    | 0       | 0    | 0    | 1             | 1    | 0    | 0     | 0    | 0    | 0         | 0    | 0    | 0              | 0    | 0    |
| 25-Sep | 184    | 11   | 0    | 11      | 0    | 0    | 5             | 0    | 0    | 0     | 0    | 0    | 1         | 0    | 0    | 0              | 0    | 0    |
| 26-Sep | 190    | 19   | 0    | 5       | 0    | 0    | 8             | 0    | 0    | 0     | 0    | 0    | 1         | 0    | 0    | 2              | 0    | 0    |
| 27-Sep | 78     | 37   | 0    | 8       | 0    | 0    | 4             | 1    | 0    | 0     | 0    | 0    | 0         | 0    | 0    | 1              | 0    | 0    |
| 28-Sep | 55     | 28   | 0    | 6       | 1    | 0    | 1             | 6    | 0    | 0     | 0    | 0    | 0         | 0    | 0    | 1              | 1    | 0    |
| 29-Sep | 63     | 64   | 0    | 9       | 4    | 0    | 6             | 10   | 0    | 0     | 0    | 0    | 3         | 0    | 0    | 0              | 4    | 0    |
| 30-Sep | 116    | 27   | 8    | 22      | 2    | 0    | 13            | 13   | 10   | 1     | 0    | 0    | 1         | 0    | 0    | 5              | 0    | 0    |
| 01-Oct | 165    | 13   | 45   | 15      | 4    | 1    | 7             | 13   | 3    | 0     | 0    | 0    | 4         | 1    | 1    | 13             | 0    | 1    |
| 02-Oct | 141    | 0    | 83   | 30      | 2    | 7    | 12            | 0    | 36   | 1     | 0    | 0    | 7         | 0    | 3    | 12             | 0    | 1    |
| 03-Oct | 110    | 9    | 75   | 8       | 6    | 8    | 4             | 3    | 29   | 0     | 0    | 0    | 9         | 0    | 2    | 5              | 1    | 5    |
| 04-Oct | 162    | 23   | 65   | 29      | 2    | 7    | 8             | 0    | 2    | 0     | 0    | 0    | 15        | 0    | 0    | 4              | 2    | 0    |
| 05-Oct | 161    | 18   | 130  | 17      | 3    | 24   | 14            | 2    | 0    | 0     | 0    | 2    | 14        | 0    | 1    | 13             | 1    | 0    |
| 06-Oct | 171    | 42   | 85   | 30      | 0    | 26   | 12            | 1    | 0    | 1     | 0    | 0    | 16        | 0    | 0    | 37             | 1    | 0    |
| 07-Oct | 197    | 72   | 62   | 32      | 11   | 6    | 41            | 13   | 0    | 0     | 0    | 0    | 14        | 1    | 1    | 31             | 1    | 0    |
| 08-Oct | 95     | 108  | 19   | 29      | 27   | 0    | 25            | 11   | 0    | 0     | 0    | 0    | 11        | 0    | 0    | 17             | 2    | 0    |

|        |      |      |      |     |     |     |     |     |     |   |   |   |    |    |    |     |     |     |
|--------|------|------|------|-----|-----|-----|-----|-----|-----|---|---|---|----|----|----|-----|-----|-----|
| 09-Oct | 121  | 114  | 3    | 20  | 39  | 1   | 15  | 20  | 0   | 0 | 0 | 0 | 12 | 0  | 0  | 15  | 4   | 0   |
| 10-Oct | 232  | 150  | 4    | 33  | 95  | 2   | 9   | 54  | 0   | 0 | 0 | 0 | 14 | 1  | 0  | 18  | 10  | 0   |
| 11-Oct | 377  | 64   | 45   | 90  | 51  | 0   | 23  | 28  | 0   | 0 | 0 | 0 | 21 | 7  | 1  | 32  | 2   | 0   |
| 12-Oct | 388  | 97   | 104  | 69  | 51  | 4   | 46  | 23  | 0   | 0 | 0 | 0 | 24 | 1  | 2  | 44  | 1   | 1   |
| 13-Oct | 266  | 132  | 120  | 47  | 91  | 15  | 36  | 42  | 0   | 0 | 0 | 0 | 7  | 5  | 2  | 21  | 2   | 7   |
| 14-Oct | 605  | 229  | 82   | 69  | 98  | 30  | 9   | 68  | 5   | 0 | 0 | 0 | 16 | 1  | 1  | 15  | 11  | 1   |
| 15-Oct | 449  | 660  | 169  | 106 | 363 | 36  | 15  | 149 | 0   | 0 | 0 | 0 | 9  | 8  | 2  | 8   | 27  | 2   |
| 16-Oct | 654  | 429  | 206  | 80  | 176 | 76  | 21  | 121 | 6   | 1 | 0 | 0 | 12 | 2  | 4  | 23  | 13  | 2   |
| 17-Oct | 1172 | 14   | 403  | 143 | 0   | 86  | 38  | 39  | 7   | 0 | 0 | 0 | 26 | 0  | 4  | 63  | 1   | 11  |
| 18-Oct | 938  | 57   | 342  | 166 | 1   | 134 | 76  | 0   | 30  | 0 | 0 | 1 | 37 | 2  | 12 | 88  | 0   | 15  |
| 19-Oct | 1080 | 496  | 436  | 72  | 55  | 122 | 43  | 5   | 36  | 0 | 0 | 0 | 27 | 5  | 12 | 49  | 1   | 12  |
| 20-Oct | 890  | 788  | 96   | 62  | 155 | 78  | 31  | 1   | 17  | 0 | 0 | 0 | 26 | 4  | 4  | 9   | 21  | 7   |
| 21-Oct | 1392 | 597  | 393  | 101 | 131 | 107 | 25  | 5   | 23  | 2 | 0 | 0 | 32 | 2  | 6  | 112 | 30  | 18  |
| 22-Oct | 1665 | 1111 | 582  | 128 | 140 | 122 | 32  | 3   | 18  | 0 | 0 | 0 | 29 | 5  | 12 | 183 | 29  | 31  |
| 23-Oct | 1438 | 620  | 902  | 106 | 218 | 217 | 84  | 8   | 109 | 1 | 0 | 0 | 23 | 7  | 20 | 204 | 32  | 70  |
| 24-Oct | 911  | 0    | 1019 | 57  | 38  | 250 | 63  | 11  | 212 | 0 | 0 | 2 | 20 | 4  | 7  | 150 | 34  | 26  |
| 25-Oct | 1416 | 76   | 181  | 155 | 71  | 12  | 50  | 18  | 9   | 1 | 0 | 0 | 18 | 2  | 4  | 144 | 60  | 0   |
| 26-Oct | 2126 | 329  | 1238 | 77  | 175 | 123 | 33  | 41  | 23  | 0 | 0 | 0 | 34 | 3  | 21 | 178 | 55  | 57  |
| 27-Oct | 2563 | 279  | 1111 | 96  | 93  | 83  | 40  | 58  | 23  | 0 | 0 | 0 | 42 | 1  | 21 | 294 | 62  | 38  |
| 28-Oct | 3232 | 906  | 2067 | 139 | 149 | 123 | 87  | 35  | 34  | 0 | 0 | 0 | 45 | 4  | 46 | 537 | 110 | 143 |
| 29-Oct | 1624 | 1353 | 1898 | 52  | 161 | 112 | 139 | 32  | 73  | 0 | 0 | 0 | 29 | 23 | 37 | 349 | 97  | 151 |
| 30-Oct | 3946 | 1373 | 1761 | 100 | 148 | 112 | 50  | 53  | 43  | 0 | 0 | 0 | 17 | 20 | 55 | 428 | 168 | 119 |
| 31-Oct | 3531 | 2895 | 2131 | 108 | 353 | 70  | 49  | 170 | 20  | 0 | 0 | 0 | 37 | 15 | 36 | 455 | 299 | 112 |
| 01-Nov | 3835 | 1796 | 1842 | 151 | 124 | 88  | 74  | 157 | 9   | 0 | 0 | 1 | 51 | 5  | 27 | 709 | 198 | 142 |
| 02-Nov | 4098 | 3001 | 3634 | 111 | 203 | 166 | 82  | 87  | 25  | 0 | 0 | 0 | 55 | 19 | 63 | 820 | 214 | 284 |
| 03-Nov | 2818 | 2512 | 2666 | 93  | 197 | 128 | 197 | 66  | 40  | 1 | 0 | 1 | 34 | 20 | 54 | 771 | 148 | 323 |
| 04-Nov | 4584 | 3032 | 2437 | 72  | 228 | 63  | 152 | 123 | 61  | 0 | 0 | 2 | 46 | 19 | 34 | 618 | 123 | 348 |
| 05-Nov | 4529 | 5327 | 2817 | 66  | 331 | 90  | 52  | 70  | 24  | 0 | 0 | 0 | 46 | 45 | 91 | 474 | 320 | 319 |
| 06-Nov | 5382 | 3942 | 599  | 151 | 219 | 46  | 43  | 208 | 28  | 0 | 0 | 0 | 40 | 32 | 27 | 678 | 248 | 392 |
| 07-Nov | 5491 | 5199 | 2487 | 150 | 182 | 37  | 86  | 46  | 8   | 0 | 0 | 0 | 57 | 38 | 80 | 848 | 199 | 383 |
| 08-Nov | 3674 | 4397 | 604  | 115 | 138 | 11  | 169 | 21  | 44  | 0 | 0 | 0 | 33 | 44 | 5  | 981 | 170 | 783 |

|               |              |              |              |             |             |             |             |             |             |          |          |           |             |             |             |              |             |              |
|---------------|--------------|--------------|--------------|-------------|-------------|-------------|-------------|-------------|-------------|----------|----------|-----------|-------------|-------------|-------------|--------------|-------------|--------------|
| <b>09-Nov</b> | 1718         | 5079         | 1778         | 21          | 217         | 69          | 115         | 51          | 58          | 0        | 1        | 0         | 34          | 48          | 22          | 495          | 330         | 570          |
| <b>10-Nov</b> | 3127         | 4008         | 1893         | 80          | 184         | 35          | 101         | 77          | 33          | 0        | 0        | 0         | 48          | 40          | 34          | 346          | 380         | 282          |
| <b>11-Nov</b> | 2822         | 4156         | 3916         | 93          | 126         | 152         | 71          | 151         | 36          | 0        | 1        | 0         | 75          | 55          | 95          | 418          | 506         | 482          |
| <b>12-Nov</b> | 1989         | 3403         | 2467         | 83          | 127         | 99          | 108         | 120         | 36          | 0        | 0        | 0         | 31          | 40          | 84          | 422          | 185         | 421          |
| <b>13-Nov</b> | 2441         | 3742         | 2175         | 105         | 210         | 132         | 172         | 95          | 102         | 0        | 2        | 0         | 54          | 78          | 63          | 670          | 171         | 773          |
| <b>14-Nov</b> | 307          | 2541         | 4            | 35          | 195         | 17          | 258         | 49          | 101         | 0        | 0        | 0         | 16          | 88          | 1           | 294          | 346         | 633          |
| <b>15-Nov</b> | 32           | 1761         | 141          | 31          | 129         | 21          | 29          | 67          | 84          | 0        | 0        | 0         | 6           | 51          | 2           | 35           | 353         | 507          |
| <b>16-Nov</b> | 8            | 1757         | 1358         | 0           | 269         | 84          | 15          | 138         | 48          | 0        | 0        | 0         | 16          | 81          | 78          | 145          | 660         | 316          |
| <b>17-Nov</b> | 248          | 523          | 966          | 9           | 101         | 39          | 38          | 177         | 50          | 0        | 0        | 0         | 60          | 38          | 48          | 191          | 261         | 416          |
| <b>18-Nov</b> | 670          | 680          | 701          | 60          | 111         | 108         | 62          | 14          | 66          | 0        | 0        | 0         | 75          | 77          | 55          | 352          | 126         | 524          |
| <b>19-Nov</b> | 454          | 448          | 426          | 37          | 132         | 79          | 129         | 11          | 116         | 0        | 0        | 0         | 27          | 73          | 19          | 124          | 16          | 625          |
| <b>20-Nov</b> | 677          | 283          | 368          | 77          | 127         | 32          | 134         | 20          | 168         | 0        | 0        | 0         | 59          | 53          | 15          | 106          | 6           | 556          |
| <b>21-Nov</b> | 457          | 168          | 243          | 65          | 178         | 11          | 135         | 106         | 46          | 0        | 0        | 0         | 57          | 72          | 12          | 159          | 95          | 196          |
| <b>22-Nov</b> | 46           | 66           | 78           | 15          | 91          | 20          | 120         | 276         | 76          | 0        | 0        | 0         | 9           | 21          | 4           | 165          | 188         | 170          |
| <b>23-Nov</b> | 43           | 91           | 140          | 52          | 59          | 27          | 106         | 186         | 73          | 0        | 0        | 0         | 66          | 61          | 10          | 150          | 262         | 259          |
| <b>24-Nov</b> | 9            | 34           | 66           | 20          | 37          | 32          | 167         | 87          | 195         | 0        | 0        | 1         | 13          | 26          | 14          | 258          | 224         | 299          |
| <b>25-Nov</b> | 0            | 31           | 44           | 1           | 41          | 28          | 127         | 80          | 241         | 0        | 0        | 0         | 2           | 30          | 7           | 106          | 343         | 315          |
| <b>Total</b>  | <b>82702</b> | <b>71246</b> | <b>49854</b> | <b>4037</b> | <b>6870</b> | <b>3609</b> | <b>3923</b> | <b>3543</b> | <b>2536</b> | <b>9</b> | <b>4</b> | <b>10</b> | <b>1666</b> | <b>1278</b> | <b>1262</b> | <b>13899</b> | <b>7154</b> | <b>11148</b> |

### Details of residue burning events in Punjab on 25-Nov-2022

| S. No. | District  | Tehsil / Block           | Satellite | Latitude | Longitude | ACQ_TIME | Day / Night | Fire Power (W/m2) |
|--------|-----------|--------------------------|-----------|----------|-----------|----------|-------------|-------------------|
| 1      | BATHINDA  | BATHINDA                 | S-NPP     | 30.16831 | 74.92938  | 13:10:45 | D           | 4.90              |
| 2      | BATHINDA  | GONIANA MANDI            | S-NPP     | 30.35598 | 74.97910  | 13:10:45 | D           | 7.30              |
| 3      | BATHINDA  | SANGAT                   | AQUA      | 30.03300 | 74.87500  | 13:49:59 | D           | 7.60              |
| 4      | FARIDKOT  | FARIDKOT                 | AQUA      | 30.68800 | 74.55100  | 13:49:59 | D           | 11.50             |
| 5      | FARIDKOT  | FARIDKOT                 | S-NPP     | 30.66368 | 74.66833  | 13:10:45 | D           | 26.30             |
| 6      | FARIDKOT  | JAITON                   | S-NPP     | 30.46722 | 74.86372  | 13:10:45 | D           | 3.00              |
| 7      | FAZILKA   | ABOHAR                   | S-NPP     | 30.07711 | 74.19730  | 13:10:45 | D           | 3.30              |
| 8      | FAZILKA   | ARNIWALA SHEIKH SUBANPUR | AQUA      | 30.29900 | 74.29300  | 13:49:59 | D           | 5.10              |
| 9      | FAZILKA   | ARNIWALA SHEIKH SUBANPUR | S-NPP     | 30.30293 | 74.29695  | 13:10:45 | D           | 2.20              |
| 10     | FAZILKA   | ARNIWALA SHEIKH SUBANPUR | S-NPP     | 30.34051 | 74.23512  | 13:10:45 | D           | 3.60              |
| 11     | FAZILKA   | ARNIWALA SHEIKH SUBANPUR | S-NPP     | 30.45625 | 74.18373  | 13:10:45 | D           | 4.80              |
| 12     | FAZILKA   | FAZILKA                  | S-NPP     | 30.51934 | 74.03888  | 13:10:45 | D           | 1.90              |
| 13     | FAZILKA   | JALALABAD                | AQUA      | 30.51400 | 74.31200  | 13:49:59 | D           | 6.60              |
| 14     | FAZILKA   | JALALABAD                | S-NPP     | 30.46189 | 74.27411  | 13:10:45 | D           | 24.20             |
| 15     | FAZILKA   | JALALABAD                | S-NPP     | 30.46591 | 74.27303  | 13:10:45 | D           | 24.20             |
| 16     | FAZILKA   | JALALABAD                | S-NPP     | 30.52345 | 74.34852  | 13:10:45 | D           | 15.80             |
| 17     | FAZILKA   | KHUIAN SARWAR            | AQUA      | 30.25700 | 74.01400  | 13:49:59 | D           | 4.90              |
| 18     | FAZILKA   | KHUIAN SARWAR            | S-NPP     | 30.20736 | 74.07897  | 13:10:45 | D           | 2.90              |
| 19     | FAZILKA   | KHUIAN SARWAR            | S-NPP     | 30.21672 | 74.04041  | 13:10:45 | D           | 2.60              |
| 20     | FAZILKA   | KHUIAN SARWAR            | S-NPP     | 30.22081 | 74.03931  | 13:10:45 | D           | 3.10              |
| 21     | FIROZPUR  | ZIRA                     | S-NPP     | 30.94760 | 75.01732  | 13:10:45 | D           | 4.00              |
| 22     | GURDASPUR | KAHNUWAN                 | AQUA      | 31.88000 | 75.56000  | 13:49:59 | D           | 9.40              |
| 23     | JALANDHAR | MEHATPUR                 | AQUA      | 31.10000 | 75.44100  | 13:49:59 | D           | 4.50              |
| 24     | LUDHIANA  | LUDHIANA-1               | AQUA      | 30.86000 | 75.71000  | 13:49:59 | D           | 21.70             |
| 25     | LUDHIANA  | PAKHOWAL                 | S-NPP     | 30.82487 | 75.76133  | 13:10:45 | D           | 2.70              |
| 26     | MOGA      | MOGA-1                   | S-NPP     | 30.78371 | 75.27908  | 13:10:45 | D           | 11.90             |
| 27     | MUKTSAR   | KOT BHAI AT GIDDERBAHA   | S-NPP     | 30.34847 | 74.60963  | 13:10:45 | D           | 9.20              |
| 28     | MUKTSAR   | KOT BHAI AT GIDDERBAHA   | S-NPP     | 30.34926 | 74.61362  | 13:10:45 | D           | 9.30              |
| 29     | MUKTSAR   | LAMBI                    | AQUA      | 30.10300 | 74.59200  | 13:49:59 | D           | 35.50             |
| 30     | MUKTSAR   | LAMBI                    | AQUA      | 30.10500 | 74.60300  | 13:49:59 | D           | 18.30             |

|    |            |                  |       |          |          |          |   |       |
|----|------------|------------------|-------|----------|----------|----------|---|-------|
| 31 | MUKTSAR    | LAMBI            | S-NPP | 30.09354 | 74.57508 | 13:10:45 | D | 5.60  |
| 32 | MUKTSAR    | LAMBI            | S-NPP | 30.09758 | 74.59518 | 13:10:45 | D | 13.60 |
| 33 | MUKTSAR    | MALOUT           | S-NPP | 30.31879 | 74.43965 | 13:10:45 | D | 1.50  |
| 34 | MUKTSAR    | MUKTSAR          | AQUA  | 30.38300 | 74.41800 | 13:49:59 | D | 17.60 |
| 35 | MUKTSAR    | MUKTSAR          | AQUA  | 30.42700 | 74.40900 | 13:49:59 | D | 8.90  |
| 36 | MUKTSAR    | MUKTSAR          | AQUA  | 30.56500 | 74.40100 | 13:49:59 | D | 26.60 |
| 37 | MUKTSAR    | MUKTSAR          | S-NPP | 30.36041 | 74.54343 | 13:10:45 | D | 4.60  |
| 38 | MUKTSAR    | MUKTSAR          | S-NPP | 30.38936 | 74.41291 | 13:10:45 | D | 20.10 |
| 39 | MUKTSAR    | MUKTSAR          | S-NPP | 30.39018 | 74.41698 | 13:10:45 | D | 8.30  |
| 40 | MUKTSAR    | MUKTSAR          | S-NPP | 30.39336 | 74.41186 | 13:10:45 | D | 20.10 |
| 41 | MUKTSAR    | MUKTSAR          | S-NPP | 30.39417 | 74.41592 | 13:10:45 | D | 8.30  |
| 42 | MUKTSAR    | MUKTSAR          | S-NPP | 30.42916 | 74.33776 | 13:10:45 | D | 2.70  |
| 43 | MUKTSAR    | MUKTSAR          | S-NPP | 30.56919 | 74.53614 | 13:10:45 | D | 4.60  |
| 44 | TARN TARAN | NAUSHERA PANNUAN | S-NPP | 31.33382 | 74.98621 | 13:10:45 | D | 4.90  |

### Details of residue burning events in Haryana on 25-Nov-2022

| S. No. | District    | Tehsil / Block | Satellite | Latitude | Longitude | ACQ_TIME | Day / Night | Fire Power (W/m2) |
|--------|-------------|----------------|-----------|----------|-----------|----------|-------------|-------------------|
| 1      | JIND        | JULANA         | S-NPP     | 29.07100 | 76.41341  | 13:10:45 | D           | 3.50              |
| 2      | JIND        | JULANA         | S-NPP     | 29.19778 | 76.30040  | 13:10:45 | D           | 4.80              |
| 3      | JIND        | JULANA         | S-NPP     | 29.19822 | 76.29762  | 13:10:45 | D           | 2.80              |
| 4      | JIND        | PILLUKHERA     | S-NPP     | 29.22266 | 76.54121  | 13:10:45 | D           | 5.40              |
| 5      | JIND        | SAFIDON        | S-NPP     | 29.39576 | 76.70908  | 13:10:45 | D           | 6.50              |
| 6      | KARNAL      | ASSANDH        | AQUA      | 29.53000 | 76.69100  | 13:49:59 | D           | 5.40              |
| 7      | KARNAL      | INDRI          | AQUA      | 29.92100 | 77.17500  | 13:49:59 | D           | 8.50              |
| 8      | PANIPAT     | ISRANA         | AQUA      | 29.29900 | 76.68800  | 13:49:59 | D           | 4.80              |
| 9      | PANIPAT     | MADLAUDA       | S-NPP     | 29.40098 | 76.79867  | 13:10:45 | D           | 3.40              |
| 10     | ROHTAK      | LAKHAN MAJRA   | S-NPP     | 29.06173 | 76.40508  | 13:10:45 | D           | 7.50              |
| 11     | ROHTAK      | MEHAM          | AQUA      | 28.95800 | 76.40400  | 13:49:59 | D           | 6.20              |
| 12     | ROHTAK      | MEHAM          | AQUA      | 28.99600 | 76.41200  | 13:49:59 | D           | 7.00              |
| 13     | ROHTAK      | MEHAM          | AQUA      | 29.01700 | 76.43000  | 13:49:59 | D           | 7.10              |
| 14     | ROHTAK      | MEHAM          | AQUA      | 29.01900 | 76.44100  | 13:49:59 | D           | 13.90             |
| 15     | ROHTAK      | MEHAM          | S-NPP     | 28.94157 | 76.38921  | 13:10:45 | D           | 1.10              |
| 16     | ROHTAK      | MEHAM          | S-NPP     | 29.02551 | 76.37679  | 13:10:45 | D           | 2.10              |
| 17     | ROHTAK      | MEHAM          | S-NPP     | 29.04963 | 76.38158  | 13:10:45 | D           | 6.00              |
| 18     | SIRSA       | DABWALI        | AQUA      | 29.90500 | 74.65000  | 02:57:09 | N           | 18.00             |
| 19     | SIRSA       | ELLENABAD      | S-NPP     | 29.46415 | 74.67192  | 13:10:45 | D           | 4.60              |
| 20     | SIRSA       | RANIA          | S-NPP     | 29.56399 | 74.68584  | 13:10:45 | D           | 1.90              |
| 21     | SIRSA       | RANIA          | S-NPP     | 29.56505 | 74.90645  | 13:10:45 | D           | 1.60              |
| 22     | SIRSA       | RANIA          | S-NPP     | 29.56901 | 74.90543  | 13:10:45 | D           | 4.50              |
| 23     | SIRSA       | SIRSA          | S-NPP     | 29.55100 | 75.17151  | 13:10:45 | D           | 4.80              |
| 24     | SIRSA       | SIRSA          | S-NPP     | 29.55213 | 75.17722  | 13:10:45 | D           | 4.80              |
| 25     | SONIPAT     | GOHANA         | S-NPP     | 29.11278 | 76.78558  | 13:10:45 | D           | 2.70              |
| 26     | SONIPAT     | GOHANA         | S-NPP     | 29.14762 | 76.67236  | 13:10:45 | D           | 2.80              |
| 27     | YAMUNANAGAR | SADHAURA       | S-NPP     | 30.35097 | 77.26120  | 13:10:45 | D           | 3.60              |
| 28     | YAMUNANAGAR | SADHAURA       | S-NPP     | 30.35214 | 77.26441  | 13:10:45 | D           | 3.40              |

### Details of residue burning events in Uttar Pradesh on 25-Nov-2022

| S. No. | District      | Tehsil / Block | Satellite | Latitude | Longitude | ACQ_TIME | Day / Night | Fire Power (W/m2) |
|--------|---------------|----------------|-----------|----------|-----------|----------|-------------|-------------------|
| 1      | ALLAHABAD     | BARA           | S-NPP     | 25.05872 | 81.74565  | 13:10:45 | D           | 2.30              |
| 2      | ALLAHABAD     | BARA           | S-NPP     | 25.14649 | 81.78802  | 13:10:45 | D           | 2.50              |
| 3      | AMBEDKARNAGAR | AKBARPUR       | S-NPP     | 26.29078 | 82.54832  | 13:10:45 | D           | 2.60              |
| 4      | AMBEDKARNAGAR | AKBARPUR       | S-NPP     | 26.48233 | 82.61523  | 13:10:45 | D           | 3.00              |
| 5      | AMBEDKARNAGAR | AKBARPUR       | S-NPP     | 26.48834 | 82.56174  | 13:10:45 | D           | 6.70              |
| 6      | AMBEDKARNAGAR | AKBARPUR       | S-NPP     | 26.48948 | 82.56960  | 13:10:45 | D           | 1.60              |
| 7      | AMBEDKARNAGAR | JALALPUR       | S-NPP     | 26.36556 | 82.74491  | 13:10:45 | D           | 2.90              |
| 8      | AMBEDKARNAGAR | JALALPUR       | S-NPP     | 26.39130 | 82.75658  | 13:10:45 | D           | 0.80              |
| 9      | AMBEDKARNAGAR | TANDA          | S-NPP     | 26.51500 | 82.74707  | 13:10:45 | D           | 3.00              |
| 10     | AMETHI        | GAURIGANJ      | S-NPP     | 26.21607 | 81.63428  | 13:10:45 | D           | 2.60              |
| 11     | AMETHI        | MUSAFIRKHANA   | S-NPP     | 26.54120 | 81.57033  | 13:10:45 | D           | 2.10              |
| 12     | AMROHA        | AMROHA         | S-NPP     | 28.94195 | 78.56842  | 13:10:45 | D           | 0.80              |
| 13     | AMROHA        | DHANAURA       | S-NPP     | 28.84526 | 78.14174  | 13:10:45 | D           | 3.30              |
| 14     | AURAIYA       | AURAIYA        | S-NPP     | 26.48907 | 79.54225  | 13:10:45 | D           | 3.00              |
| 15     | AURAIYA       | AURAIYA        | S-NPP     | 26.61088 | 79.40952  | 13:10:45 | D           | 3.50              |
| 16     | AURAIYA       | BIDHUNA        | AQUA      | 26.74400 | 79.60400  | 13:49:59 | D           | 9.60              |
| 17     | AURAIYA       | BIDHUNA        | S-NPP     | 26.68367 | 79.36132  | 13:10:45 | D           | 3.30              |
| 18     | AURAIYA       | BIDHUNA        | S-NPP     | 26.74932 | 79.60770  | 13:10:45 | D           | 2.80              |
| 19     | AURAIYA       | BIDHUNA        | S-NPP     | 26.75245 | 79.60305  | 02:00:45 | N           | 0.30              |
| 20     | AURAIYA       | BIDHUNA        | S-NPP     | 26.87739 | 79.43118  | 13:10:45 | D           | 3.80              |
| 21     | AZAMGARH      | LALGANJ        | S-NPP     | 25.80338 | 82.81791  | 13:10:45 | D           | 4.40              |
| 22     | AZAMGARH      | LALGANJ        | S-NPP     | 25.83505 | 82.98978  | 13:10:45 | D           | 1.70              |
| 23     | AZAMGARH      | LALGANJ        | S-NPP     | 25.83602 | 82.98968  | 13:10:45 | D           | 3.90              |
| 24     | AZAMGARH      | MEHNAGAR       | S-NPP     | 25.85726 | 83.11598  | 13:10:45 | D           | 3.20              |
| 25     | AZAMGARH      | NIZAMABAD      | S-NPP     | 26.04491 | 83.01872  | 13:10:45 | D           | 2.90              |
| 26     | AZAMGARH      | PHULPUR        | S-NPP     | 25.93715 | 82.79475  | 13:10:45 | D           | 2.90              |
| 27     | AZAMGARH      | SAGRI          | S-NPP     | 26.20470 | 83.20947  | 13:10:45 | D           | 4.30              |
| 28     | BADAUN        | BISAU LI       | S-NPP     | 28.25698 | 78.87455  | 13:10:45 | D           | 3.00              |
| 29     | BADAUN        | BISAU LI       | S-NPP     | 28.31927 | 78.80518  | 13:10:45 | D           | 2.80              |



|    |            |               |       |          |          |          |   |       |
|----|------------|---------------|-------|----------|----------|----------|---|-------|
| 30 | BAHRAICH   | NANPARA       | S-NPP | 27.99088 | 81.63431 | 02:00:45 | N | 0.40  |
| 31 | BALLIA     | BALLIA        | S-NPP | 25.80481 | 84.02268 | 13:10:45 | D | 4.00  |
| 32 | BALLIA     | BELTHARA ROAD | S-NPP | 26.00399 | 83.84946 | 13:10:45 | D | 2.90  |
| 33 | BALLIA     | BELTHARA ROAD | S-NPP | 26.03391 | 83.70837 | 13:10:45 | D | 2.60  |
| 34 | BALLIA     | RASRA         | S-NPP | 25.84718 | 83.79851 | 13:10:45 | D | 3.90  |
| 35 | BALLIA     | RASRA         | S-NPP | 25.94352 | 83.96184 | 13:10:45 | D | 2.40  |
| 36 | BALLIA     | RASRA         | S-NPP | 25.96372 | 83.95420 | 13:10:45 | D | 3.00  |
| 37 | BALLIA     | SIKANDARPUR   | S-NPP | 26.04473 | 84.01904 | 13:10:45 | D | 11.80 |
| 38 | BALLIA     | SIKANDARPUR   | S-NPP | 26.04820 | 84.01846 | 13:10:45 | D | 3.00  |
| 39 | BANDA      | BABERU        | AQUA  | 25.64200 | 80.77100 | 13:49:59 | D | 10.80 |
| 40 | BANDA      | BABERU        | S-NPP | 25.54450 | 80.81895 | 13:10:45 | D | 2.90  |
| 41 | BANDA      | BABERU        | S-NPP | 25.64001 | 80.80075 | 13:10:45 | D | 2.10  |
| 42 | BANDA      | BABERU        | S-NPP | 25.64211 | 80.79241 | 13:10:45 | D | 3.60  |
| 43 | BAREILLY   | BAHERI        | S-NPP | 28.64091 | 79.52441 | 13:10:45 | D | 3.70  |
| 44 | BAREILLY   | BAHERI        | S-NPP | 28.72324 | 79.57400 | 13:10:45 | D | 2.40  |
| 45 | BAREILLY   | FARIDPUR      | S-NPP | 28.25086 | 79.61633 | 13:10:45 | D | 3.50  |
| 46 | BAREILLY   | FARIDPUR      | S-NPP | 28.27985 | 79.53994 | 13:10:45 | D | 1.80  |
| 47 | BASTI      | BASTI         | S-NPP | 26.71711 | 82.76963 | 13:10:45 | D | 1.70  |
| 48 | BASTI      | BHANPUR       | S-NPP | 26.89705 | 82.70974 | 13:10:45 | D | 1.80  |
| 49 | BASTI      | BHANPUR       | S-NPP | 27.08181 | 82.73883 | 13:10:45 | D | 5.20  |
| 50 | BASTI      | BHANPUR       | S-NPP | 27.08825 | 82.63200 | 13:10:45 | D | 1.30  |
| 51 | BASTI      | BHANPUR       | S-NPP | 27.10004 | 82.66673 | 13:10:45 | D | 2.00  |
| 52 | BASTI      | RUDHAULI      | S-NPP | 26.95225 | 82.88055 | 13:10:45 | D | 2.30  |
| 53 | BIJNOR     | DHAMPUR       | S-NPP | 29.33675 | 78.33195 | 13:10:45 | D | 1.90  |
| 54 | BIJNOR     | DHAMPUR       | S-NPP | 29.33740 | 78.33096 | 13:10:45 | D | 2.10  |
| 55 | BULANSAHAR | SHIKARPUR     | S-NPP | 28.20531 | 78.15392 | 13:10:45 | D | 4.10  |
| 56 | BULANSAHAR | SIYANA        | AQUA  | 28.62200 | 77.97100 | 13:49:59 | D | 6.10  |
| 57 | CHANDAULI  | CHANDAULI     | S-NPP | 25.16452 | 83.34173 | 13:10:45 | D | 3.60  |
| 58 | CHITRAKOOT | KARWI         | S-NPP | 25.26258 | 81.10926 | 02:00:45 | N | 0.40  |
| 59 | CHITRAKOOT | MAU           | S-NPP | 25.27748 | 81.27518 | 13:10:45 | D | 3.10  |
| 60 | DEORIA     | DEORIA        | S-NPP | 26.62669 | 83.80212 | 13:10:45 | D | 3.10  |
| 61 | DEORIA     | DEORIA        | S-NPP | 26.70061 | 83.82448 | 13:10:45 | D | 7.60  |
| 62 | DEORIA     | DEORIA        | S-NPP | 26.70408 | 83.82391 | 13:10:45 | D | 2.70  |

|    |                 |              |       |          |          |          |   |      |
|----|-----------------|--------------|-------|----------|----------|----------|---|------|
| 63 | DEORIA          | RUDRAPUR     | S-NPP | 26.41179 | 83.70332 | 13:10:45 | D | 1.80 |
| 64 | ETAH            | ETAH         | S-NPP | 27.53728 | 78.60596 | 13:10:45 | D | 1.90 |
| 65 | ETAWAH          | BHARTHNA     | S-NPP | 26.64265 | 79.22064 | 13:10:45 | D | 1.90 |
| 66 | ETAWAH          | BHARTHNA     | S-NPP | 26.65633 | 79.28168 | 13:10:45 | D | 1.80 |
| 67 | ETAWAH          | BHARTHNA     | S-NPP | 26.65974 | 79.28096 | 13:10:45 | D | 2.20 |
| 68 | ETAWAH          | BHARTHNA     | S-NPP | 26.68180 | 79.18328 | 13:10:45 | D | 4.10 |
| 69 | ETAWAH          | CHAKARNAGAR  | AQUA  | 26.60700 | 79.20700 | 13:49:59 | D | 8.00 |
| 70 | ETAWAH          | ETAWAH       | S-NPP | 26.91380 | 79.12314 | 13:10:45 | D | 2.50 |
| 71 | FAIZABAD        | FAIZSBAD     | S-NPP | 26.60259 | 82.41357 | 13:10:45 | D | 2.20 |
| 72 | FATEHPUR        | FATEHPUR     | S-NPP | 25.72756 | 80.87904 | 13:10:45 | D | 1.60 |
| 73 | FATEHPUR        | FATEHPUR     | S-NPP | 25.89184 | 80.69717 | 13:10:45 | D | 2.70 |
| 74 | FATEHPUR        | FATEHPUR     | S-NPP | 25.97861 | 80.79952 | 13:10:45 | D | 1.70 |
| 75 | FATEHPUR        | FATEHPUR     | S-NPP | 26.01483 | 80.85601 | 13:10:45 | D | 2.10 |
| 76 | FATEHPUR        | KHAGA        | S-NPP | 25.45010 | 81.20782 | 13:10:45 | D | 2.90 |
| 77 | FATEHPUR        | KHAGA        | S-NPP | 25.92107 | 81.12306 | 13:10:45 | D | 1.50 |
| 78 | FATEHPUR        | KHAGA        | S-NPP | 25.95185 | 81.05804 | 13:10:45 | D | 4.00 |
| 79 | GAUTAMBUDHNAGAR | JEVAR        | S-NPP | 28.19687 | 77.70980 | 13:10:45 | D | 1.70 |
| 80 | GAZIPUR         | MUHAMMADBAD  | S-NPP | 25.64721 | 83.70789 | 13:10:45 | D | 2.80 |
| 81 | GAZIPUR         | MUHAMMADBAD  | S-NPP | 25.75096 | 83.65380 | 13:10:45 | D | 2.50 |
| 82 | GAZIPUR         | ZAMANIA      | S-NPP | 25.55352 | 83.66022 | 13:10:45 | D | 2.50 |
| 83 | GORAKHPUR       | GORAKHPUR    | S-NPP | 26.81631 | 83.55728 | 13:10:45 | D | 2.10 |
| 84 | GORAKHPUR       | KHAJNI       | S-NPP | 26.62321 | 83.18939 | 13:10:45 | D | 1.60 |
| 85 | HAPUR           | GARHMUKTESAR | S-NPP | 28.72175 | 78.05459 | 13:10:45 | D | 5.50 |
| 86 | HAPUR           | GARHMUKTESAR | S-NPP | 28.75486 | 78.07619 | 13:10:45 | D | 3.20 |
| 87 | HAPUR           | GARHMUKTESAR | S-NPP | 28.80743 | 78.10961 | 13:10:45 | D | 3.30 |
| 88 | HAPUR           | HAPUR        | S-NPP | 28.76156 | 77.88773 | 13:10:45 | D | 2.70 |
| 89 | HARDOI          | BILGRAM      | S-NPP | 27.03671 | 80.18549 | 13:10:45 | D | 2.70 |
| 90 | HARDOI          | BILGRAM      | S-NPP | 27.08060 | 80.18076 | 13:10:45 | D | 4.00 |
| 91 | HARDOI          | HARDOI       | S-NPP | 27.39858 | 80.32823 | 13:10:45 | D | 6.20 |
| 92 | HARDOI          | HARDOI       | S-NPP | 27.41269 | 80.30929 | 13:10:45 | D | 6.00 |
| 93 | HARDOI          | HARDOI       | S-NPP | 27.45021 | 80.07114 | 13:10:45 | D | 1.80 |
| 94 | HARDOI          | HARDOI       | S-NPP | 27.47434 | 80.24461 | 13:10:45 | D | 1.50 |
| 95 | JAUNPUR         | KIRAKAT      | S-NPP | 25.71518 | 82.87354 | 13:10:45 | D | 1.80 |

|     |              |                |       |          |          |          |   |       |
|-----|--------------|----------------|-------|----------|----------|----------|---|-------|
| 96  | JAUNPUR      | MACHHALI SAHAR | S-NPP | 25.60998 | 82.15005 | 13:10:45 | D | 2.30  |
| 97  | JAUNPUR      | MACHHALI SAHAR | S-NPP | 25.74272 | 82.27170 | 13:10:45 | D | 2.40  |
| 98  | JAUNPUR      | SHHGANJ        | S-NPP | 25.86717 | 82.75052 | 13:10:45 | D | 4.00  |
| 99  | JAUNPUR      | SHHGANJ        | S-NPP | 26.03430 | 82.60107 | 13:10:45 | D | 1.70  |
| 100 | JAUNPUR      | SHHGANJ        | S-NPP | 26.14033 | 82.49110 | 13:10:45 | D | 1.80  |
| 101 | JHANSI       | MOTH           | S-NPP | 25.72024 | 78.93722 | 02:00:45 | N | 0.70  |
| 102 | JHANSI       | MOTH           | S-NPP | 25.79242 | 78.90188 | 13:10:45 | D | 3.00  |
| 103 | KANNAUJ      | CHHIBRAMAU     | S-NPP | 26.93807 | 79.49877 | 13:10:45 | D | 1.60  |
| 104 | KANNAUJ      | TIRWA          | AQUA  | 26.89600 | 79.51500 | 13:49:59 | D | 10.80 |
| 105 | KANNAUJ      | TIRWA          | AQUA  | 26.90000 | 79.52000 | 13:49:59 | D | 7.10  |
| 106 | KANNAUJ      | TIRWA          | S-NPP | 26.89303 | 79.67408 | 13:10:45 | D | 1.40  |
| 107 | KANPUR       | BILHAUR        | S-NPP | 26.65655 | 80.00838 | 13:10:45 | D | 1.70  |
| 108 | KANPUR       | KANPUR NAGAR   | S-NPP | 26.34098 | 80.20096 | 13:10:45 | D | 3.10  |
| 109 | KANPUR DEHAT | AKBARPUR       | S-NPP | 26.43334 | 79.97115 | 13:10:45 | D | 2.90  |
| 110 | KANPUR DEHAT | DERAPUR        | AQUA  | 26.58200 | 79.69400 | 13:49:59 | D | 8.40  |
| 111 | KANPUR DEHAT | DERAPUR        | S-NPP | 26.49634 | 79.77773 | 13:10:45 | D | 3.10  |
| 112 | KANPUR DEHAT | DERAPUR        | S-NPP | 26.51625 | 79.68674 | 13:10:45 | D | 4.10  |
| 113 | KANPUR DEHAT | DERAPUR        | S-NPP | 26.51962 | 79.68605 | 13:10:45 | D | 4.10  |
| 114 | KANPUR DEHAT | DERAPUR        | S-NPP | 26.56973 | 79.68869 | 13:10:45 | D | 1.90  |
| 115 | KANPUR DEHAT | SIKANDRA       | S-NPP | 26.41052 | 79.61678 | 13:10:45 | D | 4.00  |
| 116 | KASGANJ      | KASGANJ        | S-NPP | 27.89566 | 78.81186 | 13:10:45 | D | 1.20  |
| 117 | KASGANJ      | KASGANJ        | S-NPP | 27.89681 | 78.81446 | 13:10:45 | D | 1.30  |
| 118 | KAUSHAMBI    | CHAIL          | AQUA  | 25.38300 | 81.52100 | 13:49:59 | D | 9.40  |
| 119 | KAUSHAMBI    | MANJHANPUR     | S-NPP | 25.39433 | 81.37520 | 13:10:45 | D | 1.80  |
| 120 | KAUSHAMBI    | MANJHANPUR     | S-NPP | 25.40447 | 81.39680 | 13:10:45 | D | 2.70  |
| 121 | KAUSHAMBI    | MANJHANPUR     | S-NPP | 25.41206 | 81.26997 | 13:10:45 | D | 2.10  |
| 122 | KAUSHAMBI    | SIRATHU        | S-NPP | 25.75703 | 81.28737 | 13:10:45 | D | 3.10  |
| 123 | KHERI        | GOLA           | S-NPP | 27.88354 | 80.32544 | 13:10:45 | D | 1.50  |
| 124 | KHERI        | GOLA           | S-NPP | 27.96740 | 80.28922 | 02:00:45 | N | 1.00  |
| 125 | KHERI        | GOLA           | S-NPP | 28.01762 | 80.44405 | 13:10:45 | D | 6.70  |
| 126 | KHERI        | LAKHIMPUR      | S-NPP | 27.98606 | 80.83144 | 13:10:45 | D | 2.60  |
| 127 | KHERI        | LAKHIMPUR      | S-NPP | 27.99207 | 80.83342 | 02:00:45 | N | 0.60  |
| 128 | KHERI        | LAKHIMPUR      | S-NPP | 28.04329 | 80.94067 | 13:10:45 | D | 1.70  |

|     |             |                |       |          |          |          |   |       |
|-----|-------------|----------------|-------|----------|----------|----------|---|-------|
| 129 | KHERI       | LAKHIMPUR      | S-NPP | 28.06864 | 80.83959 | 13:10:45 | D | 2.80  |
| 130 | KHERI       | MOHMADI        | S-NPP | 28.14696 | 80.27802 | 13:10:45 | D | 2.40  |
| 131 | KUSHINAGAR  | HATA           | S-NPP | 26.71985 | 83.79688 | 13:10:45 | D | 3.30  |
| 132 | KUSHINAGAR  | HATA           | S-NPP | 26.79662 | 83.71039 | 13:10:45 | D | 3.00  |
| 133 | KUSHINAGAR  | HATA           | S-NPP | 26.79721 | 83.65057 | 13:10:45 | D | 6.20  |
| 134 | KUSHINAGAR  | HATA           | S-NPP | 26.79821 | 83.71075 | 13:10:45 | D | 2.10  |
| 135 | KUSHINAGAR  | HATA           | S-NPP | 26.80359 | 83.61942 | 13:10:45 | D | 7.60  |
| 136 | KUSHINAGAR  | HATA           | S-NPP | 26.85060 | 83.75826 | 13:10:45 | D | 3.40  |
| 137 | KUSHINAGAR  | KASAYA         | S-NPP | 26.64590 | 84.02597 | 13:10:45 | D | 3.50  |
| 138 | LUCKNOW     | BAKSHIKA TALAB | S-NPP | 27.05922 | 80.97365 | 13:10:45 | D | 1.90  |
| 139 | MAHARAJGANJ | MAHARAJGANJ    | AQUA  | 27.03100 | 83.54200 | 13:49:59 | D | 20.10 |
| 140 | MAHARAJGANJ | MAHARAJGANJ    | S-NPP | 26.89216 | 83.55377 | 13:10:45 | D | 11.50 |
| 141 | MAHARAJGANJ | MAHARAJGANJ    | S-NPP | 26.98518 | 83.66720 | 13:10:45 | D | 3.60  |
| 142 | MAHARAJGANJ | MAHARAJGANJ    | S-NPP | 26.98846 | 83.39281 | 13:10:45 | D | 1.70  |
| 143 | MAHARAJGANJ | MAHARAJGANJ    | S-NPP | 26.98920 | 83.64491 | 13:10:45 | D | 1.50  |
| 144 | MAHARAJGANJ | MAHARAJGANJ    | S-NPP | 27.08856 | 83.48239 | 13:10:45 | D | 4.00  |
| 145 | MAHARAJGANJ | MAHARAJGANJ    | S-NPP | 27.09106 | 83.48267 | 13:10:45 | D | 3.40  |
| 146 | MAHARAJGANJ | MAHARAJGANJ    | S-NPP | 27.09850 | 83.48569 | 13:10:45 | D | 2.90  |
| 147 | MAHARAJGANJ | MAHARAJGANJ    | S-NPP | 27.10246 | 83.51506 | 13:10:45 | D | 6.70  |
| 148 | MAHARAJGANJ | MAHARAJGANJ    | S-NPP | 27.16154 | 83.58689 | 13:10:45 | D | 1.50  |
| 149 | MAHARAJGANJ | MAHARAJGANJ    | S-NPP | 27.16616 | 83.54295 | 13:10:45 | D | 2.80  |
| 150 | MAHARAJGANJ | MAHARAJGANJ    | S-NPP | 27.18169 | 83.57917 | 13:10:45 | D | 3.50  |
| 151 | MAHARAJGANJ | MAHARAJGANJ    | S-NPP | 27.18457 | 83.60030 | 13:10:45 | D | 2.30  |
| 152 | MAHARAJGANJ | MAHARAJGANJ    | S-NPP | 27.21461 | 83.52306 | 13:10:45 | D | 4.80  |
| 153 | MAHARAJGANJ | MAHARAJGANJ    | S-NPP | 27.21970 | 83.56104 | 13:10:45 | D | 3.90  |
| 154 | MAHARAJGANJ | MAHARAJGANJ    | S-NPP | 27.22315 | 83.56045 | 13:10:45 | D | 1.50  |
| 155 | MAHARAJGANJ | MAHARAJGANJ    | S-NPP | 27.24560 | 83.54369 | 13:10:45 | D | 2.90  |
| 156 | MAHARAJGANJ | NAUTANWA       | S-NPP | 27.23311 | 83.34850 | 13:10:45 | D | 2.40  |
| 157 | MAHARAJGANJ | NAUTANWA       | S-NPP | 27.32668 | 83.44884 | 13:10:45 | D | 3.50  |
| 158 | MAHARAJGANJ | NAUTANWA       | S-NPP | 27.39378 | 83.42451 | 13:10:45 | D | 2.50  |
| 159 | MAHARAJGANJ | NICHLAUL       | S-NPP | 27.11643 | 83.71082 | 13:10:45 | D | 5.00  |
| 160 | MAHARAJGANJ | NICHLAUL       | S-NPP | 27.14816 | 83.69761 | 13:10:45 | D | 4.10  |
| 161 | MAHARAJGANJ | NICHLAUL       | S-NPP | 27.16664 | 83.70322 | 13:10:45 | D | 6.00  |

|     |              |               |       |          |          |          |   |       |
|-----|--------------|---------------|-------|----------|----------|----------|---|-------|
| 162 | MAHARAJGANJ  | NICHLAUL      | S-NPP | 27.17819 | 83.71000 | 13:10:45 | D | 4.90  |
| 163 | MAHARAJGANJ  | NICHLAUL      | S-NPP | 27.21288 | 83.70417 | 13:10:45 | D | 7.30  |
| 164 | MAHARAJGANJ  | NICHLAUL      | S-NPP | 27.23262 | 83.71095 | 13:10:45 | D | 1.90  |
| 165 | MAHARAJGANJ  | NICHLAUL      | S-NPP | 27.23552 | 83.70610 | 13:10:45 | D | 7.60  |
| 166 | MAHARAJGANJ  | NICHLAUL      | S-NPP | 27.24474 | 83.72204 | 13:10:45 | D | 3.80  |
| 167 | MAHARAJGANJ  | NICHLAUL      | S-NPP | 27.24531 | 83.72633 | 13:10:45 | D | 3.80  |
| 168 | MAHARAJGANJ  | NICHLAUL      | S-NPP | 27.30377 | 83.71212 | 13:10:45 | D | 1.90  |
| 169 | MAHARAJGANJ  | PHARENDA      | S-NPP | 27.26672 | 83.26199 | 13:10:45 | D | 2.40  |
| 170 | MAHARAJGANJ  | PHARENDA      | S-NPP | 27.28913 | 83.30129 | 13:10:45 | D | 4.50  |
| 171 | MAINPURI     | KARHAL        | S-NPP | 26.97942 | 79.01608 | 13:10:45 | D | 2.30  |
| 172 | MAINPURI     | MAINPURI      | S-NPP | 27.38813 | 79.02230 | 13:10:45 | D | 2.30  |
| 173 | MAU          | GHOSI         | S-NPP | 26.21626 | 83.49330 | 13:10:45 | D | 1.80  |
| 174 | MAU          | MUHAMMADABAD  | S-NPP | 25.91848 | 83.38058 | 13:10:45 | D | 1.60  |
| 175 | MEERUT       | MAWANA        | AQUA  | 28.91900 | 78.06200 | 13:49:59 | D | 5.30  |
| 176 | MEERUT       | MAWANA        | S-NPP | 28.94461 | 78.04404 | 13:10:45 | D | 5.30  |
| 177 | MEERUT       | SARDHANA      | S-NPP | 29.18343 | 77.56113 | 13:10:45 | D | 4.80  |
| 178 | MIRZAPUR     | CHUNAR        | S-NPP | 25.10243 | 83.12222 | 13:10:45 | D | 2.90  |
| 179 | MIRZAPUR     | CHUNAR        | S-NPP | 25.17971 | 83.13301 | 13:10:45 | D | 7.00  |
| 180 | MIRZAPUR     | LALGANJ       | S-NPP | 24.87552 | 82.24545 | 02:00:45 | N | 1.10  |
| 181 | MIRZAPUR     | LALGANJ       | S-NPP | 24.87561 | 82.24815 | 02:00:45 | N | 1.30  |
| 182 | MIRZAPUR     | LALGANJ       | S-NPP | 24.97753 | 82.41932 | 13:10:45 | D | 4.80  |
| 183 | MORADABAD    | BILARI        | S-NPP | 28.63265 | 78.72750 | 13:10:45 | D | 2.00  |
| 184 | MUZAFARNAGAR | BUDHANA       | AQUA  | 29.25600 | 77.48700 | 13:49:59 | D | 13.10 |
| 185 | MUZAFARNAGAR | BUDHANA       | AQUA  | 29.25700 | 77.49900 | 13:49:59 | D | 4.90  |
| 186 | MUZAFARNAGAR | MUZAFFARNAGAR | S-NPP | 29.57622 | 77.52290 | 13:10:45 | D | 6.50  |
| 187 | MUZAFARNAGAR | MUZAFFARNAGAR | S-NPP | 29.59452 | 77.52337 | 13:10:45 | D | 3.80  |
| 188 | PILHIBHIT    | BISALPUR      | S-NPP | 28.31544 | 79.86622 | 13:10:45 | D | 2.20  |
| 189 | PILHIBHIT    | BISALPUR      | S-NPP | 28.39113 | 79.86710 | 13:10:45 | D | 1.20  |
| 190 | PILHIBHIT    | PILHIBHIT     | S-NPP | 28.78771 | 79.83969 | 02:00:45 | N | 1.90  |
| 191 | PILHIBHIT    | PURANPUR      | S-NPP | 28.47364 | 79.98517 | 13:10:45 | D | 2.90  |
| 192 | PILHIBHIT    | PURANPUR      | S-NPP | 28.73985 | 80.18844 | 13:10:45 | D | 2.80  |
| 193 | PRATAPGARH   | KUNDA         | S-NPP | 25.73387 | 81.53501 | 13:10:45 | D | 2.40  |
| 194 | PRATAPGARH   | PATTI         | S-NPP | 25.97020 | 82.27825 | 13:10:45 | D | 3.00  |

|     |                 |                   |       |          |          |          |   |       |
|-----|-----------------|-------------------|-------|----------|----------|----------|---|-------|
| 195 | PRATAPGARH      | PATTI             | S-NPP | 25.97798 | 82.28477 | 13:10:45 | D | 2.10  |
| 196 | PRATAPGARH      | PATTI             | S-NPP | 26.00684 | 82.15691 | 13:10:45 | D | 4.20  |
| 197 | PRATAPGARH      | PATTI             | S-NPP | 26.03361 | 82.06586 | 13:10:45 | D | 18.20 |
| 198 | PRATAPGARH      | PRATAPGARH        | S-NPP | 25.91427 | 81.87823 | 13:10:45 | D | 2.30  |
| 199 | RAIBEARELI      | DALMAU            | S-NPP | 26.03409 | 81.17632 | 13:10:45 | D | 6.70  |
| 200 | RAIBEARELI      | MAHARAJGANG       | S-NPP | 26.45697 | 81.10841 | 13:10:45 | D | 2.20  |
| 201 | RAIBEARELI      | MAHARAJGANG       | S-NPP | 26.46028 | 81.10779 | 13:10:45 | D | 2.20  |
| 202 | RAIBEARELI      | SALON             | S-NPP | 25.95640 | 81.46256 | 13:10:45 | D | 3.50  |
| 203 | RAIBEARELI      | SALON             | S-NPP | 26.05329 | 81.38919 | 13:10:45 | D | 2.60  |
| 204 | RAIBEARELI      | SALON             | S-NPP | 26.14341 | 81.38023 | 13:10:45 | D | 2.90  |
| 205 | RAIBEARELI      | TILOI             | S-NPP | 26.22802 | 81.46669 | 13:10:45 | D | 2.00  |
| 206 | RAIBEARELI      | TILOI             | S-NPP | 26.25601 | 81.44963 | 13:10:45 | D | 2.10  |
| 207 | RAIBEARELI      | TILOI             | S-NPP | 26.55057 | 81.43037 | 13:10:45 | D | 2.00  |
| 208 | RAMPUR          | RAMPUR            | S-NPP | 28.73978 | 79.03484 | 13:10:45 | D | 2.80  |
| 209 | SAMBHAL         | SAMBHAL           | S-NPP | 28.73248 | 78.44981 | 13:10:45 | D | 2.30  |
| 210 | SANTKABIRNAGAR  | GHANGHATA         | S-NPP | 26.63909 | 83.05399 | 13:10:45 | D | 2.90  |
| 211 | SANTKABIRNAGAR  | GHANGHATA         | S-NPP | 26.64191 | 83.04936 | 13:10:45 | D | 2.90  |
| 212 | SANTKABIRNAGAR  | KHALILABAD        | S-NPP | 26.85546 | 82.86034 | 13:10:45 | D | 2.50  |
| 213 | SANTKABIRNAGAR  | KHALILABAD        | S-NPP | 26.90499 | 82.88885 | 13:10:45 | D | 2.50  |
| 214 | SHAHJAHANPUR    | PUWANYA           | S-NPP | 28.06741 | 80.11889 | 02:00:45 | N | 0.70  |
| 215 | SHAHJAHANPUR    | PUWANYA           | S-NPP | 28.12706 | 80.15245 | 13:10:45 | D | 3.80  |
| 216 | SHAHJAHANPUR    | TILHAR            | S-NPP | 27.98806 | 79.66467 | 13:10:45 | D | 2.50  |
| 217 | SHAHJAHANPUR    | TILHAR            | S-NPP | 28.03828 | 79.58097 | 13:10:45 | D | 4.60  |
| 218 | SHAMLI          | KAIRANA           | S-NPP | 29.63937 | 77.28362 | 13:10:45 | D | 3.00  |
| 219 | SHAMLI          | SHAMLI            | S-NPP | 29.35209 | 77.30202 | 13:10:45 | D | 6.50  |
| 220 | SHAMLI          | SHAMLI            | S-NPP | 29.36699 | 77.36544 | 13:10:45 | D | 2.30  |
| 221 | SHARANPUR       | NAKUR             | S-NPP | 29.92461 | 77.23583 | 13:10:45 | D | 8.80  |
| 222 | SHARANPUR       | RAMPUR MANIHARRAN | S-NPP | 29.79071 | 77.52358 | 13:10:45 | D | 2.00  |
| 223 | SHARANPUR       | RAMPUR MANIHARRAN | S-NPP | 29.83804 | 77.50331 | 13:10:45 | D | 1.80  |
| 224 | SIDDHARTHANAGAR | BANSI             | S-NPP | 27.08592 | 82.81624 | 13:10:45 | D | 1.10  |
| 225 | SIDDHARTHANAGAR | DOMARIYAGANJ      | S-NPP | 27.11455 | 82.62324 | 13:10:45 | D | 1.90  |
| 226 | SIDDHARTHANAGAR | DOMARIYAGANJ      | S-NPP | 27.13390 | 82.51782 | 13:10:45 | D | 5.90  |
| 227 | SIDDHARTHANAGAR | DOMARIYAGANJ      | S-NPP | 27.27855 | 82.65183 | 13:10:45 | D | 1.70  |

|     |           |             |       |          |          |          |   |       |
|-----|-----------|-------------|-------|----------|----------|----------|---|-------|
| 228 | SITAPUR   | BISWAN      | S-NPP | 27.57624 | 80.98612 | 13:10:45 | D | 2.40  |
| 229 | SITAPUR   | LAHARPUR    | S-NPP | 27.64252 | 80.86571 | 13:10:45 | D | 1.80  |
| 230 | SITAPUR   | LAHARPUR    | S-NPP | 27.81611 | 81.04832 | 13:10:45 | D | 6.80  |
| 231 | SITAPUR   | MISRIK      | S-NPP | 27.68793 | 80.50498 | 13:10:45 | D | 5.10  |
| 232 | SITAPUR   | SITAPUR     | S-NPP | 27.72577 | 80.72605 | 13:10:45 | D | 2.60  |
| 233 | SULTANPUR | JAISINGHPUR | S-NPP | 26.29312 | 82.38410 | 13:10:45 | D | 1.40  |
| 234 | SULTANPUR | KADIRPUR    | S-NPP | 26.20469 | 82.37978 | 13:10:45 | D | 11.40 |
| 235 | SULTANPUR | KADIRPUR    | S-NPP | 26.23625 | 82.57405 | 13:10:45 | D | 4.30  |
| 236 | SULTANPUR | KADIRPUR    | S-NPP | 26.24294 | 82.57286 | 13:10:45 | D | 2.60  |
| 237 | UNNAO     | BIGHAPUR    | S-NPP | 26.34111 | 80.62276 | 13:10:45 | D | 2.30  |
| 238 | UNNAO     | BIGHAPUR    | S-NPP | 26.38880 | 80.78072 | 13:10:45 | D | 2.10  |
| 239 | UNNAO     | HASANGANJ   | S-NPP | 26.66113 | 80.50835 | 13:10:45 | D | 1.80  |
| 240 | UNNAO     | HASANGANJ   | S-NPP | 26.68290 | 80.62404 | 13:10:45 | D | 1.50  |
| 241 | UNNAO     | SAFIPUR     | S-NPP | 26.85225 | 80.36712 | 13:10:45 | D | 2.50  |

**Details of residue burning events in Rajasthan on 25-Nov-2022**

| S. No. | District    | Tehsil / Block | Satellite | Latitude | Longitude | ACQ_TIME | Day / Night | Fire Power (W/m <sup>2</sup> ) |
|--------|-------------|----------------|-----------|----------|-----------|----------|-------------|--------------------------------|
| 1      | HANUMANGARH | PILIBANGA      | S-NPP     | 29.37943 | 73.93429  | 13:10:45 | D           | 3.50                           |
| 2      | HANUMANGARH | TIBI           | S-NPP     | 29.55074 | 74.57798  | 13:10:45 | D           | 4.80                           |
| 3      | HANUMANGARH | TIBI           | S-NPP     | 29.55156 | 74.58208  | 13:10:45 | D           | 4.80                           |
| 4      | HANUMANGARH | TIBI           | S-NPP     | 29.55476 | 74.57694  | 13:10:45 | D           | 2.10                           |
| 5      | KOTA        | SANGOD         | S-NPP     | 24.82376 | 76.26740  | 13:10:45 | D           | 2.20                           |
| 6      | KOTA        | SANGOD         | S-NPP     | 24.82433 | 76.26736  | 13:10:45 | D           | 2.60                           |
| 7      | UDAIPUR     | MAVLI          | S-NPP     | 24.63678 | 73.85097  | 13:10:45 | D           | 2.40                           |

### Details of residue burning events in Madhya Pradesh on 25-Nov-2022

| S. No. | District | Tehsil / Block | Satellite | Latitude | Longitude | ACQ_TIME | Day / Night | Fire Power (W/m <sup>2</sup> ) |
|--------|----------|----------------|-----------|----------|-----------|----------|-------------|--------------------------------|
| 1      | ANUPPUR  | ANUPUR         | S-NPP     | 23.07869 | 81.70599  | 13:10:45 | D           | 1.80                           |
| 2      | BETUL    | BETUL          | AQUA      | 22.03300 | 77.68900  | 13:49:59 | D           | 4.70                           |
| 3      | BETUL    | BETUL          | S-NPP     | 21.86055 | 77.90016  | 13:10:45 | D           | 3.10                           |
| 4      | BHIND    | GOHAD          | AQUA      | 26.50300 | 78.35600  | 13:49:59 | D           | 7.00                           |
| 5      | BHIND    | GOHAD          | S-NPP     | 26.49102 | 78.30719  | 13:10:45 | D           | 1.40                           |
| 6      | BHIND    | GOHAD          | S-NPP     | 26.51061 | 78.27666  | 13:10:45 | D           | 2.00                           |
| 7      | BHOPAL   | HUZUR          | AQUA      | 23.16800 | 77.51400  | 13:49:59 | D           | 6.90                           |
| 8      | BHOPAL   | HUZUR          | S-NPP     | 23.17210 | 77.51715  | 13:10:45 | D           | 3.90                           |
| 9      | DAMOH    | PATERA         | S-NPP     | 23.89973 | 79.81493  | 13:10:45 | D           | 1.40                           |
| 10     | DATIA    | SEONDHA        | S-NPP     | 25.92260 | 78.69038  | 13:10:45 | D           | 10.90                          |
| 11     | DATIA    | SEONDHA        | S-NPP     | 25.93336 | 78.71050  | 13:10:45 | D           | 2.00                           |
| 12     | DATIA    | SEONDHA        | S-NPP     | 25.97931 | 78.61997  | 13:10:45 | D           | 2.40                           |
| 13     | DATIA    | SEONDHA        | S-NPP     | 25.98455 | 78.65037  | 13:10:45 | D           | 15.60                          |
| 14     | GUNA     | RAGHOGARH      | S-NPP     | 24.48305 | 77.14774  | 02:00:45 | N           | 1.90                           |
| 15     | GWALIOR  | BHITARWAR      | AQUA      | 25.92400 | 78.05400  | 13:49:59 | D           | 9.60                           |
| 16     | GWALIOR  | BHITARWAR      | S-NPP     | 25.73467 | 78.07784  | 13:10:45 | D           | 3.90                           |
| 17     | GWALIOR  | BHITARWAR      | S-NPP     | 25.76111 | 78.10065  | 13:10:45 | D           | 8.00                           |
| 18     | GWALIOR  | BHITARWAR      | S-NPP     | 25.78930 | 78.02780  | 13:10:45 | D           | 4.10                           |
| 19     | GWALIOR  | BHITARWAR      | S-NPP     | 25.79290 | 78.02702  | 13:10:45 | D           | 11.00                          |
| 20     | GWALIOR  | BHITARWAR      | S-NPP     | 25.83011 | 78.06437  | 13:10:45 | D           | 3.20                           |
| 21     | GWALIOR  | DABRA          | AQUA      | 25.88500 | 78.24600  | 13:49:59 | D           | 11.90                          |
| 22     | GWALIOR  | DABRA          | S-NPP     | 25.89340 | 78.25335  | 13:10:45 | D           | 1.60                           |
| 23     | GWALIOR  | DABRA          | S-NPP     | 25.91952 | 78.23376  | 13:10:45 | D           | 3.00                           |
| 24     | GWALIOR  | DABRA          | S-NPP     | 25.97539 | 78.31136  | 13:10:45 | D           | 2.50                           |
| 25     | GWALIOR  | DABRA          | S-NPP     | 26.03064 | 78.24847  | 13:10:45 | D           | 5.60                           |
| 26     | HARDA    | TIMURNI        | S-NPP     | 22.27363 | 77.30357  | 02:00:45 | N           | 0.40                           |
| 27     | JABALPUR | JABALPUR       | AQUA      | 23.20000 | 79.88100  | 13:49:59 | D           | 11.30                          |
| 28     | JABALPUR | JABALPUR       | AQUA      | 23.22600 | 79.85300  | 13:49:59 | D           | 10.00                          |
| 29     | JABALPUR | JABALPUR       | AQUA      | 23.30200 | 79.97300  | 13:49:59 | D           | 32.10                          |



|    |          |          |       |          |          |          |   |       |
|----|----------|----------|-------|----------|----------|----------|---|-------|
| 30 | JABALPUR | JABALPUR | S-NPP | 23.04435 | 79.98266 | 13:10:45 | D | 4.80  |
| 31 | JABALPUR | JABALPUR | S-NPP | 23.06154 | 79.97927 | 13:10:45 | D | 3.40  |
| 32 | JABALPUR | JABALPUR | S-NPP | 23.16379 | 79.81176 | 13:10:45 | D | 7.90  |
| 33 | JABALPUR | JABALPUR | S-NPP | 23.16724 | 79.81107 | 13:10:45 | D | 7.90  |
| 34 | JABALPUR | JABALPUR | S-NPP | 23.17133 | 79.85700 | 13:10:45 | D | 2.80  |
| 35 | JABALPUR | JABALPUR | S-NPP | 23.22738 | 79.86328 | 13:10:45 | D | 12.00 |
| 36 | JABALPUR | JABALPUR | S-NPP | 23.22943 | 79.93884 | 13:10:45 | D | 2.30  |
| 37 | JABALPUR | JABALPUR | S-NPP | 23.25891 | 79.98769 | 13:10:45 | D | 9.20  |
| 38 | JABALPUR | JABALPUR | S-NPP | 23.28099 | 79.92872 | 13:10:45 | D | 8.50  |
| 39 | JABALPUR | JABALPUR | S-NPP | 23.28380 | 79.90289 | 13:10:45 | D | 7.00  |
| 40 | JABALPUR | JABALPUR | S-NPP | 23.28448 | 79.90697 | 13:10:45 | D | 4.40  |
| 41 | JABALPUR | JABALPUR | S-NPP | 23.28641 | 79.96131 | 13:10:45 | D | 5.70  |
| 42 | JABALPUR | JABALPUR | S-NPP | 23.28708 | 79.96539 | 13:10:45 | D | 8.50  |
| 43 | JABALPUR | JABALPUR | S-NPP | 23.28984 | 79.96063 | 13:10:45 | D | 8.60  |
| 44 | JABALPUR | JABALPUR | S-NPP | 23.29051 | 79.96471 | 13:10:45 | D | 7.40  |
| 45 | JABALPUR | JABALPUR | S-NPP | 23.29271 | 79.91379 | 13:10:45 | D | 8.50  |
| 46 | JABALPUR | JABALPUR | S-NPP | 23.29683 | 79.91719 | 13:10:45 | D | 2.00  |
| 47 | JABALPUR | JABALPUR | S-NPP | 23.29879 | 79.95047 | 13:10:45 | D | 3.40  |
| 48 | JABALPUR | JABALPUR | S-NPP | 23.30830 | 79.92881 | 13:10:45 | D | 15.30 |
| 49 | JABALPUR | JABALPUR | S-NPP | 23.31174 | 79.92815 | 13:10:45 | D | 15.30 |
| 50 | JABALPUR | JABALPUR | S-NPP | 23.31380 | 79.94035 | 13:10:45 | D | 3.20  |
| 51 | JABALPUR | JABALPUR | S-NPP | 23.31448 | 79.90234 | 13:10:45 | D | 4.10  |
| 52 | JABALPUR | JABALPUR | S-NPP | 23.31517 | 79.90643 | 13:10:45 | D | 4.10  |
| 53 | JABALPUR | JABALPUR | S-NPP | 23.31860 | 79.88467 | 13:10:45 | D | 21.10 |
| 54 | JABALPUR | JABALPUR | S-NPP | 23.32067 | 79.91798 | 13:10:45 | D | 5.30  |
| 55 | JABALPUR | JABALPUR | S-NPP | 23.33094 | 79.97895 | 13:10:45 | D | 12.20 |
| 56 | JABALPUR | JABALPUR | S-NPP | 23.33299 | 79.99111 | 13:10:45 | D | 6.90  |
| 57 | JABALPUR | JABALPUR | S-NPP | 23.33642 | 79.99043 | 13:10:45 | D | 6.90  |
| 58 | JABALPUR | JABALPUR | S-NPP | 23.34127 | 79.93496 | 13:10:45 | D | 1.70  |
| 59 | JABALPUR | JABALPUR | S-NPP | 23.34396 | 79.99314 | 13:10:45 | D | 5.00  |
| 60 | JABALPUR | JABALPUR | S-NPP | 23.34883 | 79.93768 | 13:10:45 | D | 1.50  |
| 61 | JABALPUR | JABALPUR | S-NPP | 23.35702 | 79.96545 | 13:10:45 | D | 4.30  |
| 62 | JABALPUR | JABALPUR | S-NPP | 23.36120 | 79.92684 | 13:10:45 | D | 3.20  |

|    |          |          |       |          |          |          |   |       |
|----|----------|----------|-------|----------|----------|----------|---|-------|
| 63 | JABALPUR | JABALPUR | S-NPP | 23.37905 | 79.92754 | 13:10:45 | D | 6.10  |
| 64 | JABALPUR | JABALPUR | S-NPP | 23.37973 | 79.93161 | 13:10:45 | D | 3.50  |
| 65 | JABALPUR | JABALPUR | S-NPP | 23.38113 | 79.91872 | 13:10:45 | D | 3.00  |
| 66 | JABALPUR | MAJHOULI | AQUA  | 23.37300 | 79.97500 | 13:49:59 | D | 15.30 |
| 67 | JABALPUR | MAJHOULI | AQUA  | 23.37500 | 79.98800 | 13:49:59 | D | 25.50 |
| 68 | JABALPUR | MAJHOULI | AQUA  | 23.39400 | 79.97800 | 13:49:59 | D | 9.20  |
| 69 | JABALPUR | MAJHOULI | AQUA  | 23.45200 | 80.03300 | 13:49:59 | D | 14.80 |
| 70 | JABALPUR | MAJHOULI | AQUA  | 23.46100 | 80.01900 | 13:49:59 | D | 23.20 |
| 71 | JABALPUR | MAJHOULI | AQUA  | 23.57100 | 79.92800 | 13:49:59 | D | 19.10 |
| 72 | JABALPUR | MAJHOULI | S-NPP | 23.35770 | 79.96951 | 13:10:45 | D | 2.10  |
| 73 | JABALPUR | MAJHOULI | S-NPP | 23.39537 | 79.98308 | 13:10:45 | D | 5.80  |
| 74 | JABALPUR | MAJHOULI | S-NPP | 23.40020 | 79.96956 | 13:10:45 | D | 2.40  |
| 75 | JABALPUR | MAJHOULI | S-NPP | 23.40088 | 79.97362 | 13:10:45 | D | 2.40  |
| 76 | JABALPUR | MAJHOULI | S-NPP | 23.41533 | 79.95400 | 13:10:45 | D | 5.30  |
| 77 | JABALPUR | MAJHOULI | S-NPP | 23.41747 | 79.95391 | 13:10:45 | D | 8.90  |
| 78 | JABALPUR | MAJHOULI | S-NPP | 23.44212 | 79.99514 | 13:10:45 | D | 8.60  |
| 79 | JABALPUR | MAJHOULI | S-NPP | 23.44282 | 79.97827 | 13:10:45 | D | 3.20  |
| 80 | JABALPUR | MAJHOULI | S-NPP | 23.44633 | 79.89365 | 13:10:45 | D | 1.70  |
| 81 | JABALPUR | MAJHOULI | S-NPP | 23.44965 | 79.99786 | 13:10:45 | D | 3.40  |
| 82 | JABALPUR | MAJHOULI | S-NPP | 23.44977 | 79.87189 | 13:10:45 | D | 3.90  |
| 83 | JABALPUR | MAJHOULI | S-NPP | 23.45368 | 80.04297 | 13:10:45 | D | 3.30  |
| 84 | JABALPUR | MAJHOULI | S-NPP | 23.45435 | 80.04699 | 13:10:45 | D | 3.30  |
| 85 | JABALPUR | MAJHOULI | S-NPP | 23.45988 | 80.01673 | 13:10:45 | D | 3.90  |
| 86 | JABALPUR | MAJHOULI | S-NPP | 23.46802 | 80.04433 | 13:10:45 | D | 5.40  |
| 87 | JABALPUR | MAJHOULI | S-NPP | 23.47144 | 80.04366 | 13:10:45 | D | 6.00  |
| 88 | JABALPUR | MAJHOULI | S-NPP | 23.50228 | 80.01677 | 13:10:45 | D | 6.60  |
| 89 | JABALPUR | MAJHOULI | S-NPP | 23.50570 | 80.01611 | 13:10:45 | D | 6.60  |
| 90 | JABALPUR | MAJHOULI | S-NPP | 23.51004 | 80.12748 | 13:10:45 | D | 3.10  |
| 91 | JABALPUR | MAJHOULI | S-NPP | 23.51565 | 79.90527 | 13:10:45 | D | 3.20  |
| 92 | JABALPUR | MAJHOULI | S-NPP | 23.52005 | 80.01748 | 13:10:45 | D | 1.50  |
| 93 | JABALPUR | MAJHOULI | S-NPP | 23.52574 | 79.92899 | 13:10:45 | D | 4.00  |
| 94 | JABALPUR | MAJHOULI | S-NPP | 23.53121 | 79.98235 | 13:10:45 | D | 5.00  |
| 95 | JABALPUR | MAJHOULI | S-NPP | 23.53247 | 80.13553 | 13:10:45 | D | 2.40  |

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|-----|----------|----------|-------|----------|----------|----------|---|-------|
| 96  | JABALPUR | MAJHOULI | S-NPP | 23.53463 | 79.98167 | 13:10:45 | D | 3.70  |
| 97  | JABALPUR | MAJHOULI | S-NPP | 23.54149 | 79.95941 | 13:10:45 | D | 3.80  |
| 98  | JABALPUR | MAJHOULI | S-NPP | 23.55456 | 79.91073 | 13:10:45 | D | 3.30  |
| 99  | JABALPUR | MAJHOULI | S-NPP | 23.55660 | 79.92294 | 13:10:45 | D | 5.50  |
| 100 | JABALPUR | MAJHOULI | S-NPP | 23.56482 | 79.92971 | 13:10:45 | D | 4.80  |
| 101 | JABALPUR | MAJHOULI | S-NPP | 23.56757 | 79.92496 | 13:10:45 | D | 4.70  |
| 102 | JABALPUR | MAJHOULI | S-NPP | 23.56825 | 79.92903 | 13:10:45 | D | 11.80 |
| 103 | JABALPUR | MAJHOULI | S-NPP | 23.57168 | 79.92835 | 13:10:45 | D | 11.80 |
| 104 | JABALPUR | MAJHOULI | S-NPP | 23.57236 | 79.93242 | 13:10:45 | D | 11.80 |
| 105 | JABALPUR | MAJHOULI | S-NPP | 23.57989 | 79.93513 | 13:10:45 | D | 12.60 |
| 106 | JABALPUR | PATAN    | AQUA  | 23.19800 | 79.78300 | 13:49:59 | D | 18.70 |
| 107 | JABALPUR | PATAN    | AQUA  | 23.29900 | 79.78700 | 13:49:59 | D | 8.90  |
| 108 | JABALPUR | PATAN    | AQUA  | 23.30100 | 79.79900 | 13:49:59 | D | 8.60  |
| 109 | JABALPUR | PATAN    | S-NPP | 23.18460 | 79.84204 | 13:10:45 | D | 3.50  |
| 110 | JABALPUR | PATAN    | S-NPP | 23.19286 | 79.82769 | 13:10:45 | D | 2.70  |
| 111 | JABALPUR | PATAN    | S-NPP | 23.19568 | 79.86530 | 13:10:45 | D | 4.10  |
| 112 | JABALPUR | PATAN    | S-NPP | 23.19907 | 79.82222 | 13:10:45 | D | 7.80  |
| 113 | JABALPUR | PATAN    | S-NPP | 23.21000 | 79.73910 | 13:10:45 | D | 2.60  |
| 114 | JABALPUR | PATAN    | S-NPP | 23.21413 | 79.72117 | 13:10:45 | D | 2.10  |
| 115 | JABALPUR | PATAN    | S-NPP | 23.21759 | 79.72049 | 13:10:45 | D | 2.10  |
| 116 | JABALPUR | PATAN    | S-NPP | 23.22873 | 79.78661 | 13:10:45 | D | 4.20  |
| 117 | JABALPUR | PATAN    | S-NPP | 23.24046 | 79.72879 | 13:10:45 | D | 8.50  |
| 118 | JABALPUR | PATAN    | S-NPP | 23.24394 | 79.79211 | 13:10:45 | D | 10.50 |
| 119 | JABALPUR | PATAN    | S-NPP | 23.25497 | 79.83667 | 13:10:45 | D | 15.00 |
| 120 | JABALPUR | PATAN    | S-NPP | 23.25639 | 79.71708 | 13:10:45 | D | 2.90  |
| 121 | JABALPUR | PATAN    | S-NPP | 23.26053 | 79.76326 | 13:10:45 | D | 3.50  |
| 122 | JABALPUR | PATAN    | S-NPP | 23.27706 | 79.81958 | 13:10:45 | D | 5.10  |
| 123 | JABALPUR | PATAN    | S-NPP | 23.27780 | 79.78117 | 13:10:45 | D | 2.60  |
| 124 | JABALPUR | PATAN    | S-NPP | 23.28112 | 79.74775 | 13:10:45 | D | 5.70  |
| 125 | JABALPUR | PATAN    | S-NPP | 23.28737 | 79.83876 | 13:10:45 | D | 4.40  |
| 126 | JABALPUR | PATAN    | S-NPP | 23.28962 | 79.83961 | 13:10:45 | D | 4.80  |
| 127 | JABALPUR | PATAN    | S-NPP | 23.29032 | 79.84371 | 13:10:45 | D | 4.80  |
| 128 | JABALPUR | PATAN    | S-NPP | 23.29376 | 79.84303 | 13:10:45 | D | 2.20  |

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|-----|----------|---------|-------|----------|----------|----------|---|-------|
| 129 | JABALPUR | PATAN   | S-NPP | 23.29446 | 79.84714 | 13:10:45 | D | 2.40  |
| 130 | JABALPUR | PATAN   | S-NPP | 23.29775 | 79.76153 | 13:10:45 | D | 4.40  |
| 131 | JABALPUR | PATAN   | S-NPP | 23.29845 | 79.76566 | 13:10:45 | D | 4.40  |
| 132 | JABALPUR | PATAN   | S-NPP | 23.30112 | 79.71816 | 13:10:45 | D | 2.70  |
| 133 | JABALPUR | PATAN   | S-NPP | 23.30894 | 79.84853 | 13:10:45 | D | 3.20  |
| 134 | JABALPUR | PATAN   | S-NPP | 23.31713 | 79.77048 | 13:10:45 | D | 11.50 |
| 135 | JABALPUR | PATAN   | S-NPP | 23.32065 | 79.85468 | 13:10:45 | D | 2.50  |
| 136 | JABALPUR | PATAN   | S-NPP | 23.34958 | 79.85745 | 13:10:45 | D | 2.60  |
| 137 | JABALPUR | SAHPURA | AQUA  | 23.15400 | 79.68700 | 13:49:59 | D | 15.10 |
| 138 | JABALPUR | SAHPURA | AQUA  | 23.15500 | 79.69900 | 13:49:59 | D | 10.00 |
| 139 | JABALPUR | SAHPURA | AQUA  | 23.15900 | 79.80800 | 13:49:59 | D | 16.50 |
| 140 | JABALPUR | SAHPURA | AQUA  | 23.16300 | 79.75800 | 13:49:59 | D | 5.50  |
| 141 | JABALPUR | SAHPURA | AQUA  | 23.19000 | 79.72300 | 13:49:59 | D | 14.90 |
| 142 | JABALPUR | SAHPURA | AQUA  | 23.19200 | 79.73500 | 13:49:59 | D | 24.50 |
| 143 | JABALPUR | SAHPURA | S-NPP | 23.15137 | 79.73738 | 13:10:45 | D | 3.20  |
| 144 | JABALPUR | SAHPURA | S-NPP | 23.15761 | 79.71042 | 13:10:45 | D | 3.30  |
| 145 | JABALPUR | SAHPURA | S-NPP | 23.15862 | 79.71070 | 13:10:45 | D | 3.80  |
| 146 | JABALPUR | SAHPURA | S-NPP | 23.16728 | 79.76844 | 13:10:45 | D | 4.90  |
| 147 | JABALPUR | SAHPURA | S-NPP | 23.16852 | 79.76863 | 13:10:45 | D | 5.30  |
| 148 | JABALPUR | SAHPURA | S-NPP | 23.18481 | 79.65396 | 13:10:45 | D | 4.00  |
| 149 | JABALPUR | SAHPURA | S-NPP | 23.19540 | 79.71629 | 13:10:45 | D | 6.70  |
| 150 | JABALPUR | SAHPURA | S-NPP | 23.20444 | 79.72736 | 13:10:45 | D | 3.00  |
| 151 | JABALPUR | SIHORA  | AQUA  | 23.41800 | 80.09000 | 13:49:59 | D | 9.00  |
| 152 | JABALPUR | SIHORA  | AQUA  | 23.42000 | 80.10200 | 13:49:59 | D | 18.20 |
| 153 | JABALPUR | SIHORA  | AQUA  | 23.42600 | 80.24400 | 13:49:59 | D | 8.70  |
| 154 | JABALPUR | SIHORA  | S-NPP | 23.33363 | 80.24725 | 13:10:45 | D | 3.70  |
| 155 | JABALPUR | SIHORA  | S-NPP | 23.35880 | 80.10287 | 13:10:45 | D | 3.10  |
| 156 | JABALPUR | SIHORA  | S-NPP | 23.36221 | 80.10220 | 13:10:45 | D | 3.10  |
| 157 | JABALPUR | SIHORA  | S-NPP | 23.36422 | 80.11427 | 13:10:45 | D | 4.00  |
| 158 | JABALPUR | SIHORA  | S-NPP | 23.36563 | 80.10153 | 13:10:45 | D | 2.90  |
| 159 | JABALPUR | SIHORA  | S-NPP | 23.36764 | 80.11359 | 13:10:45 | D | 2.90  |
| 160 | JABALPUR | SIHORA  | S-NPP | 23.36770 | 80.09281 | 13:10:45 | D | 1.70  |
| 161 | JABALPUR | SIHORA  | S-NPP | 23.37340 | 79.99995 | 13:10:45 | D | 3.80  |

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|-----|----------|------------|-------|----------|----------|----------|---|-------|
| 162 | JABALPUR | SIHORA     | S-NPP | 23.37654 | 80.10355 | 13:10:45 | D | 3.70  |
| 163 | JABALPUR | SIHORA     | S-NPP | 23.38336 | 80.10221 | 13:10:45 | D | 2.50  |
| 164 | JABALPUR | SIHORA     | S-NPP | 23.38854 | 80.17575 | 13:10:45 | D | 2.30  |
| 165 | JABALPUR | SIHORA     | S-NPP | 23.40425 | 80.16441 | 13:10:45 | D | 3.00  |
| 166 | JABALPUR | SIHORA     | S-NPP | 23.40832 | 80.16776 | 13:10:45 | D | 1.70  |
| 167 | JABALPUR | SIHORA     | S-NPP | 23.41874 | 80.12432 | 13:10:45 | D | 15.50 |
| 168 | JABALPUR | SIHORA     | S-NPP | 23.42367 | 80.09016 | 13:10:45 | D | 3.60  |
| 169 | JABALPUR | SIHORA     | S-NPP | 23.42458 | 80.18110 | 13:10:45 | D | 3.10  |
| 170 | JABALPUR | SIHORA     | S-NPP | 23.42709 | 80.08949 | 13:10:45 | D | 3.70  |
| 171 | JABALPUR | SIHORA     | S-NPP | 23.42961 | 80.25427 | 13:10:45 | D | 4.30  |
| 172 | JABALPUR | SIHORA     | S-NPP | 23.43008 | 80.17177 | 13:10:45 | D | 2.10  |
| 173 | JABALPUR | SIHORA     | S-NPP | 23.43325 | 80.21242 | 13:10:45 | D | 2.80  |
| 174 | JABALPUR | SIHORA     | S-NPP | 23.43414 | 80.17511 | 13:10:45 | D | 6.00  |
| 175 | JABALPUR | SIHORA     | S-NPP | 23.43796 | 80.21974 | 13:10:45 | D | 3.40  |
| 176 | JABALPUR | SIHORA     | S-NPP | 23.44941 | 80.12271 | 13:10:45 | D | 4.30  |
| 177 | JABALPUR | SIHORA     | S-NPP | 23.44973 | 80.18447 | 13:10:45 | D | 8.40  |
| 178 | JABALPUR | SIHORA     | S-NPP | 23.45039 | 80.18845 | 13:10:45 | D | 8.40  |
| 179 | JABALPUR | SIHORA     | S-NPP | 23.45197 | 80.18010 | 13:10:45 | D | 3.90  |
| 180 | JABALPUR | SIHORA     | S-NPP | 23.45248 | 80.17980 | 13:10:45 | D | 2.50  |
| 181 | JABALPUR | SIHORA     | S-NPP | 23.45264 | 80.18409 | 13:10:45 | D | 4.80  |
| 182 | JABALPUR | SIHORA     | S-NPP | 23.45314 | 80.18381 | 13:10:45 | D | 8.40  |
| 183 | JABALPUR | SIHORA     | S-NPP | 23.45331 | 80.18809 | 13:10:45 | D | 4.80  |
| 184 | JABALPUR | SIHORA     | S-NPP | 23.45379 | 80.18779 | 13:10:45 | D | 8.40  |
| 185 | JABALPUR | SIHORA     | S-NPP | 23.45471 | 80.17544 | 13:10:45 | D | 3.90  |
| 186 | JABALPUR | SIHORA     | S-NPP | 23.45605 | 80.18343 | 13:10:45 | D | 4.80  |
| 187 | JABALPUR | SIHORA     | S-NPP | 23.45671 | 80.18742 | 13:10:45 | D | 4.80  |
| 188 | JABALPUR | SIHORA     | S-NPP | 23.45751 | 80.15011 | 13:10:45 | D | 1.90  |
| 189 | JABALPUR | SIHORA     | S-NPP | 23.46725 | 80.08190 | 13:10:45 | D | 4.50  |
| 190 | JABALPUR | SIHORA     | S-NPP | 23.46797 | 80.06515 | 13:10:45 | D | 2.00  |
| 191 | JABALPUR | SIHORA     | S-NPP | 23.47548 | 80.06784 | 13:10:45 | D | 2.20  |
| 192 | JABALPUR | SIHORA     | S-NPP | 23.49640 | 80.13013 | 13:10:45 | D | 5.30  |
| 193 | KATNI    | BAHURIBAND | S-NPP | 23.63657 | 79.97851 | 13:10:45 | D | 2.60  |
| 194 | KATNI    | BAHURIBAND | S-NPP | 23.72129 | 80.09109 | 13:10:45 | D | 1.10  |

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|-----|--------------|-------------|-------|----------|----------|----------|---|------|
| 195 | KATNI        | BARHI       | S-NPP | 23.72149 | 80.75632 | 13:10:45 | D | 7.50 |
| 196 | KATNI        | DHIMERKHEDA | S-NPP | 23.45431 | 80.40490 | 13:10:45 | D | 3.10 |
| 197 | KATNI        | DHIMERKHEDA | S-NPP | 23.47925 | 80.32266 | 13:10:45 | D | 2.10 |
| 198 | KATNI        | DHIMERKHEDA | S-NPP | 23.52499 | 80.26056 | 13:10:45 | D | 5.20 |
| 199 | KATNI        | DHIMERKHEDA | S-NPP | 23.65746 | 80.36199 | 13:10:45 | D | 0.90 |
| 200 | KATNI        | MURBARA     | S-NPP | 23.74890 | 80.44989 | 13:10:45 | D | 2.70 |
| 201 | KATNI        | RITHI       | S-NPP | 23.87134 | 80.04642 | 13:10:45 | D | 2.60 |
| 202 | MANDLA       | BACHHIYA    | S-NPP | 22.47317 | 80.69896 | 13:10:45 | D | 4.20 |
| 203 | MANDLA       | MANDLA      | S-NPP | 22.52161 | 80.37640 | 13:10:45 | D | 2.00 |
| 204 | MANDLA       | MANDLA      | S-NPP | 22.65251 | 80.36378 | 13:10:45 | D | 3.30 |
| 205 | MANDLA       | NAINPUR     | S-NPP | 22.44604 | 80.08712 | 13:10:45 | D | 1.90 |
| 206 | MANDLA       | NAINPUR     | S-NPP | 22.45144 | 80.11970 | 13:10:45 | D | 2.70 |
| 207 | NARSHIMAPURA | KARELI      | S-NPP | 22.91188 | 79.09631 | 13:10:45 | D | 4.00 |
| 208 | PANNA        | PANNA       | S-NPP | 24.61021 | 80.42680 | 13:10:45 | D | 2.20 |
| 209 | PANNA        | PANNA       | S-NPP | 24.62017 | 80.36025 | 13:10:45 | D | 4.00 |
| 210 | RAISEN       | BARELI      | AQUA  | 22.90500 | 78.07900 | 13:49:59 | D | 7.20 |
| 211 | RAISEN       | BARELI      | AQUA  | 22.91500 | 78.08800 | 13:49:59 | D | 8.20 |
| 212 | RAISEN       | BARELI      | S-NPP | 22.88718 | 78.07166 | 13:10:45 | D | 5.10 |
| 213 | RAISEN       | BARELI      | S-NPP | 22.93627 | 78.15488 | 02:00:45 | N | 0.30 |
| 214 | RAISEN       | BARELI      | S-NPP | 22.93839 | 78.16294 | 02:00:45 | N | 1.10 |
| 215 | RAISEN       | BARELI      | S-NPP | 22.96792 | 78.27534 | 02:00:45 | N | 0.50 |
| 216 | RAISEN       | BARELI      | S-NPP | 22.97341 | 78.37836 | 13:10:45 | D | 2.40 |
| 217 | RAISEN       | BARELI      | S-NPP | 23.00808 | 78.13550 | 13:10:45 | D | 2.40 |
| 218 | RAISEN       | BARELI      | S-NPP | 23.02883 | 78.27100 | 13:10:45 | D | 3.60 |
| 219 | RAISEN       | BARELI      | S-NPP | 23.03598 | 78.28931 | 13:10:45 | D | 1.90 |
| 220 | RAISEN       | GOHARGANJ   | AQUA  | 22.99800 | 77.61500 | 13:49:59 | D | 7.90 |
| 221 | RAISEN       | GOHARGANJ   | S-NPP | 23.06239 | 77.66647 | 13:10:45 | D | 1.90 |
| 222 | RAISEN       | GOHARGANJ   | S-NPP | 23.16817 | 77.56104 | 13:10:45 | D | 3.20 |
| 223 | RAISEN       | GOHARGANJ   | S-NPP | 23.17758 | 77.61250 | 13:10:45 | D | 4.60 |
| 224 | RAISEN       | RAISEN      | S-NPP | 23.34680 | 77.97836 | 02:00:45 | N | 0.40 |
| 225 | RAISEN       | RAISEN      | S-NPP | 23.53432 | 77.69243 | 13:10:45 | D | 4.50 |
| 226 | RAISEN       | SILVANI     | S-NPP | 23.26706 | 78.42592 | 13:10:45 | D | 2.10 |
| 227 | REWA         | GURH        | S-NPP | 24.49676 | 81.47982 | 13:10:45 | D | 2.30 |

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| 228 | REWA  | GURH      | S-NPP | 24.50103 | 81.46346 | 13:10:45 | D | 2.10  |
| 229 | REWA  | HUZUR     | S-NPP | 24.48426 | 81.22453 | 13:10:45 | D | 7.80  |
| 230 | REWA  | HUZUR     | S-NPP | 24.48476 | 81.27139 | 13:10:45 | D | 2.90  |
| 231 | REWA  | TEONTHAR  | S-NPP | 24.95368 | 81.78786 | 13:10:45 | D | 2.70  |
| 232 | REWA  | TEONTHAR  | S-NPP | 24.98321 | 81.54127 | 13:10:45 | D | 3.40  |
| 233 | REWA  | TEONTHAR  | S-NPP | 24.98652 | 81.54066 | 13:10:45 | D | 11.30 |
| 234 | REWA  | TEONTHAR  | S-NPP | 24.99929 | 81.42510 | 13:10:45 | D | 2.10  |
| 235 | REWA  | TEONTHAR  | S-NPP | 25.03844 | 81.48030 | 13:10:45 | D | 3.80  |
| 236 | REWA  | TEONTHAR  | S-NPP | 25.03897 | 81.68302 | 13:10:45 | D | 6.30  |
| 237 | SATNA | AMARPATAN | S-NPP | 24.33335 | 81.02072 | 13:10:45 | D | 2.30  |
| 238 | SATNA | AMARPATAN | S-NPP | 24.33485 | 81.05191 | 13:10:45 | D | 2.60  |
| 239 | SATNA | AMARPATAN | S-NPP | 24.33635 | 81.08309 | 13:10:45 | D | 1.80  |
| 240 | SATNA | AMARPATAN | S-NPP | 24.34540 | 81.09709 | 13:10:45 | D | 1.20  |
| 241 | SATNA | AMARPATAN | S-NPP | 24.35281 | 81.04135 | 13:10:45 | D | 1.10  |
| 242 | SATNA | AMARPATAN | S-NPP | 24.37429 | 81.11195 | 13:10:45 | D | 0.70  |
| 243 | SATNA | AMARPATAN | S-NPP | 24.40956 | 81.18374 | 13:10:45 | D | 2.50  |
| 244 | SATNA | AMARPATAN | S-NPP | 24.43273 | 81.22246 | 13:10:45 | D | 8.30  |
| 245 | SATNA | AMARPATAN | S-NPP | 24.49687 | 81.07292 | 13:10:45 | D | 3.30  |
| 246 | SATNA | MAIHAR    | S-NPP | 24.15698 | 80.65784 | 13:10:45 | D | 2.20  |
| 247 | SATNA | MAIHAR    | S-NPP | 24.24930 | 80.85896 | 13:10:45 | D | 4.30  |
| 248 | SATNA | MAJHGAWAN | S-NPP | 24.73700 | 80.87339 | 13:10:45 | D | 2.70  |
| 249 | SATNA | MAJHGAWAN | S-NPP | 24.74515 | 80.85997 | 13:10:45 | D | 3.20  |
| 250 | SATNA | MAJHGAWAN | S-NPP | 24.97084 | 80.81365 | 13:10:45 | D | 3.80  |
| 251 | SATNA | NAGOD     | S-NPP | 24.44605 | 80.51892 | 13:10:45 | D | 3.00  |
| 252 | SATNA | NAGOD     | S-NPP | 24.45003 | 80.52216 | 13:10:45 | D | 3.80  |
| 253 | SATNA | NAGOD     | S-NPP | 24.45946 | 80.51632 | 13:10:45 | D | 2.40  |
| 254 | SATNA | NAGOD     | S-NPP | 24.46009 | 80.52021 | 13:10:45 | D | 3.00  |
| 255 | SATNA | NAGOD     | S-NPP | 24.50681 | 80.56341 | 13:10:45 | D | 4.90  |
| 256 | SATNA | NAGOD     | S-NPP | 24.51541 | 80.63779 | 13:10:45 | D | 2.70  |
| 257 | SATNA | NAGOD     | S-NPP | 24.56141 | 80.75240 | 13:10:45 | D | 2.70  |
| 258 | SATNA | NAGOD     | S-NPP | 24.65385 | 80.61102 | 13:10:45 | D | 2.40  |
| 259 | SATNA | NAGOD     | S-NPP | 24.65491 | 80.57481 | 13:10:45 | D | 4.20  |
| 260 | SATNA | NAGOD     | S-NPP | 24.66162 | 80.50937 | 13:10:45 | D | 2.60  |

|     |        |                |       |          |          |          |   |      |
|-----|--------|----------------|-------|----------|----------|----------|---|------|
| 261 | SATNA  | NAGOD          | S-NPP | 24.66370 | 80.56511 | 13:10:45 | D | 5.40 |
| 262 | SATNA  | NAGOD          | S-NPP | 24.66932 | 80.60004 | 13:10:45 | D | 2.90 |
| 263 | SATNA  | RAGURAJNAGAR   | S-NPP | 24.54104 | 80.83961 | 13:10:45 | D | 2.50 |
| 264 | SATNA  | RAGURAJNAGAR   | S-NPP | 24.63666 | 80.71802 | 13:10:45 | D | 4.80 |
| 265 | SATNA  | RAGURAJNAGAR   | S-NPP | 24.64867 | 80.77137 | 13:10:45 | D | 5.00 |
| 266 | SATNA  | RAGURAJNAGAR   | S-NPP | 24.71734 | 80.70653 | 13:10:45 | D | 1.70 |
| 267 | SATNA  | RAGURAJNAGAR   | S-NPP | 24.72674 | 80.70074 | 13:10:45 | D | 1.70 |
| 268 | SATNA  | RAMNAGAR       | S-NPP | 24.27351 | 81.20473 | 13:10:45 | D | 3.10 |
| 269 | SATNA  | RAMPURBAGHLEAN | S-NPP | 24.43923 | 80.98167 | 13:10:45 | D | 6.40 |
| 270 | SATNA  | RAMPURBAGHLEAN | S-NPP | 24.53730 | 80.89576 | 13:10:45 | D | 3.30 |
| 271 | SATNA  | RAMPURBAGHLEAN | S-NPP | 24.56380 | 81.15060 | 13:10:45 | D | 2.80 |
| 272 | SATNA  | RAMPURBAGHLEAN | S-NPP | 24.56450 | 81.06801 | 13:10:45 | D | 3.90 |
| 273 | SATNA  | RAMPURBAGHLEAN | S-NPP | 24.56506 | 81.11505 | 13:10:45 | D | 1.50 |
| 274 | SATNA  | RAMPURBAGHLEAN | S-NPP | 24.56708 | 81.02418 | 13:10:45 | D | 4.80 |
| 275 | SATNA  | RAMPURBAGHLEAN | S-NPP | 24.56865 | 81.13792 | 13:10:45 | D | 2.40 |
| 276 | SATNA  | RAMPURBAGHLEAN | S-NPP | 24.58244 | 80.97003 | 13:10:45 | D | 3.70 |
| 277 | SATNA  | RAMPURBAGHLEAN | S-NPP | 24.59215 | 81.03123 | 13:10:45 | D | 1.50 |
| 278 | SATNA  | RAMPURBAGHLEAN | S-NPP | 24.59547 | 81.03060 | 13:10:45 | D | 3.30 |
| 279 | SATNA  | RAMPURBAGHLEAN | S-NPP | 24.61024 | 81.14568 | 13:10:45 | D | 1.80 |
| 280 | SATNA  | RAMPURBAGHLEAN | S-NPP | 24.65761 | 81.12106 | 13:10:45 | D | 1.60 |
| 281 | SATNA  | RAMPURBAGHLEAN | S-NPP | 24.67273 | 81.00794 | 13:10:45 | D | 2.60 |
| 282 | SATNA  | RAMPURBAGHLEAN | S-NPP | 24.67637 | 81.03087 | 13:10:45 | D | 3.10 |
| 283 | SATNA  | RAMPURBAGHLEAN | S-NPP | 24.67909 | 81.02643 | 13:10:45 | D | 3.10 |
| 284 | SATNA  | RAMPURBAGHLEAN | S-NPP | 24.67970 | 81.03024 | 13:10:45 | D | 3.10 |
| 285 | SATNA  | RAMPURBAGHLEAN | S-NPP | 24.68059 | 81.01433 | 13:10:45 | D | 2.60 |
| 286 | SATNA  | RAMPURBAGHLEAN | S-NPP | 24.68902 | 80.98123 | 13:10:45 | D | 2.60 |
| 287 | SATNA  | RAMPURBAGHLEAN | S-NPP | 24.71107 | 80.96918 | 13:10:45 | D | 2.80 |
| 288 | SATNA  | RAMPURBAGHLEAN | S-NPP | 24.72465 | 81.12003 | 13:10:45 | D | 3.50 |
| 289 | SATNA  | UCHAHAR        | S-NPP | 24.38243 | 80.81850 | 13:10:45 | D | 2.10 |
| 290 | SATNA  | UCHAHAR        | S-NPP | 24.40428 | 80.82623 | 13:10:45 | D | 9.90 |
| 291 | SATNA  | UCHAHAR        | S-NPP | 24.42895 | 80.79761 | 13:10:45 | D | 1.50 |
| 292 | SATNA  | UCHAHAR        | S-NPP | 24.49296 | 80.68198 | 13:10:45 | D | 2.10 |
| 293 | SEHORE | BUDHNI         | S-NPP | 22.93426 | 77.94387 | 13:10:45 | D | 2.20 |



|     |            |            |       |          |          |          |   |       |
|-----|------------|------------|-------|----------|----------|----------|---|-------|
| 294 | SEONI      | KEWLARI    | AQUA  | 22.43200 | 79.93900 | 13:49:59 | D | 11.60 |
| 295 | SEONI      | KEWLARI    | S-NPP | 22.37439 | 79.91477 | 13:10:45 | D | 5.90  |
| 296 | SEONI      | LAKHNADOU  | S-NPP | 22.32582 | 79.54317 | 13:10:45 | D | 1.40  |
| 297 | SEONI      | LAKHNADOU  | S-NPP | 22.39753 | 79.64381 | 13:10:45 | D | 6.00  |
| 298 | SEONI      | SEONI      | AQUA  | 22.10200 | 79.43100 | 13:49:59 | D | 7.90  |
| 299 | SEONI      | SEONI      | S-NPP | 22.26899 | 79.48824 | 13:10:45 | D | 3.00  |
| 300 | SHAH DOL   | BEOHARI    | S-NPP | 24.20004 | 81.42543 | 13:10:45 | D | 2.10  |
| 301 | SHIVPURI   | NARWAR     | AQUA  | 25.61400 | 78.27300 | 13:49:59 | D | 6.70  |
| 302 | SHIVPURI   | NARWAR     | AQUA  | 25.61500 | 78.28400 | 13:49:59 | D | 5.80  |
| 303 | SHIVPURI   | NARWAR     | AQUA  | 25.63400 | 78.28100 | 13:49:59 | D | 8.80  |
| 304 | SHIVPURI   | NARWAR     | AQUA  | 25.70900 | 78.08500 | 13:49:59 | D | 9.50  |
| 305 | SHIVPURI   | NARWAR     | AQUA  | 25.71300 | 77.99000 | 13:49:59 | D | 6.00  |
| 306 | SHIVPURI   | NARWAR     | AQUA  | 25.71600 | 78.08800 | 13:49:59 | D | 9.40  |
| 307 | SHIVPURI   | NARWAR     | S-NPP | 25.63733 | 78.28609 | 13:10:45 | D | 3.90  |
| 308 | SHIVPURI   | NARWAR     | S-NPP | 25.68487 | 78.30387 | 13:10:45 | D | 2.60  |
| 309 | SHIVPURI   | NARWAR     | S-NPP | 25.71179 | 77.99192 | 13:10:45 | D | 8.10  |
| 310 | SHIVPURI   | NARWAR     | S-NPP | 25.72232 | 78.00882 | 13:10:45 | D | 5.10  |
| 311 | SHIVPURI   | NARWAR     | S-NPP | 25.75066 | 77.97865 | 13:10:45 | D | 2.80  |
| 312 | UMARIA     | BANDHOGARH | S-NPP | 23.64686 | 80.71059 | 13:10:45 | D | 2.70  |
| 313 | UMARIA     | BANDHOGARH | S-NPP | 23.64840 | 80.71042 | 13:10:45 | D | 2.70  |
| 314 | VIDESHA    | VIDESHA    | S-NPP | 23.64944 | 77.76911 | 13:10:45 | D | 3.30  |
| 315 | WEST NIMAR | BARWAH     | S-NPP | 22.09320 | 76.09074 | 13:10:45 | D | 2.60  |

**The study used data received from following Satellites at NRSC Ground Station**

| S. No. | Satellite Name | Sensor | Resolution (meter) | Day / Night Passes |
|--------|----------------|--------|--------------------|--------------------|
| 1.     | Suomi NPP      | VIIRS  | 375 / 750          | Both               |
| 2.     | Terra          | MODIS  | 1000               | Both               |
| 3.     | Aqua           | MODIS  | 1000               | Both               |

**The rice mask for the Punjab and Haryana were provided by MNCFC, MoA&FW, Govt of India  
The kharif crop mask for Delhi, Uttar Pradesh, Rajasthan and Madhya Pradesh were provided by NRSC**

**Study Team**

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

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

and on IARI CREAMS website (<http://creams.iari.res.in/cms2/index.php>)

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