

## Climate information for Health

Issued on 29<sup>th</sup> October 2026

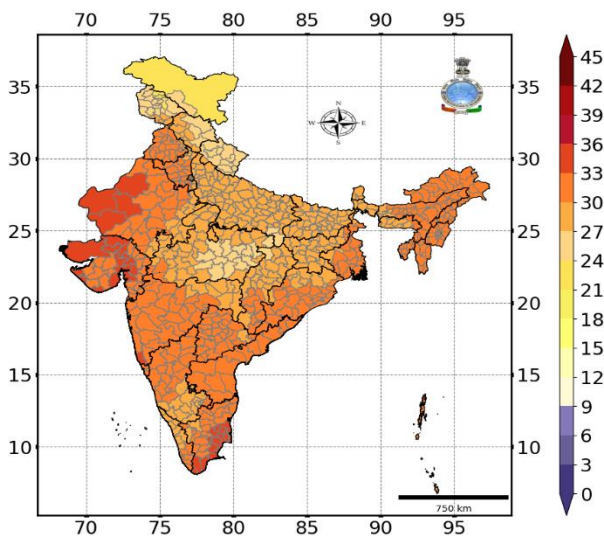
(Valid from 30<sup>th</sup> Oct to 12<sup>th</sup> Nov 2026)

Climate information for coming two weeks is provided for the transmission windows of temperature favourable for development of vector borne diseases like malaria and dengue based on ERFs.

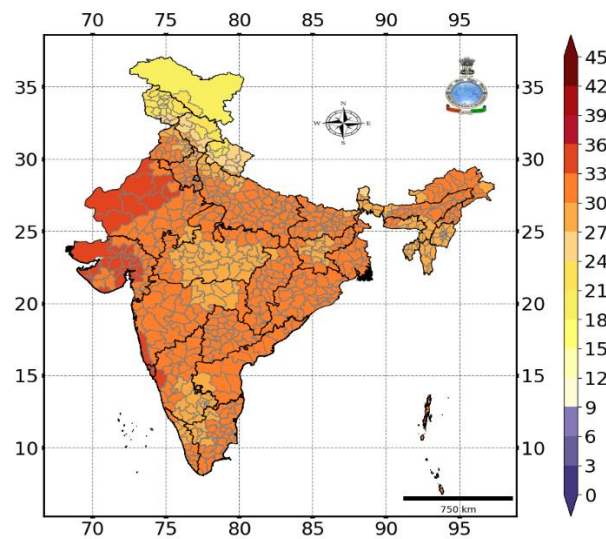
### Weekly Prediction of maximum and minimum temperature

#### Predicted Maximum Temperature

**Weekly Tmax (°C)**  
 Week 1: 30 October 2026 to 05 November 2026

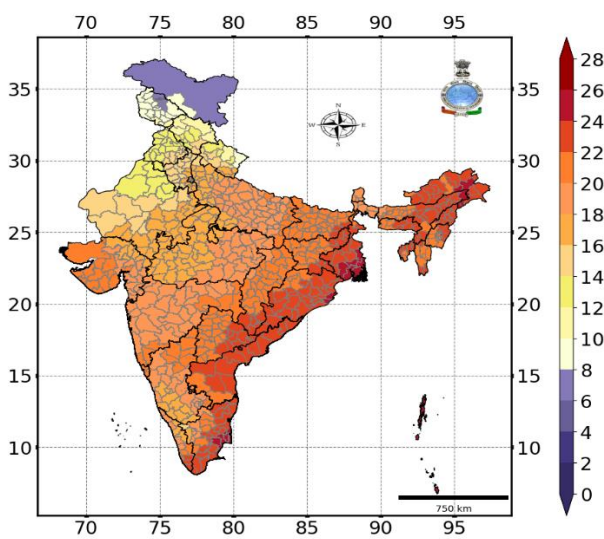


**Weekly Tmax (°C)**  
 Week 2: 06 November 2026 to 12 November 2026

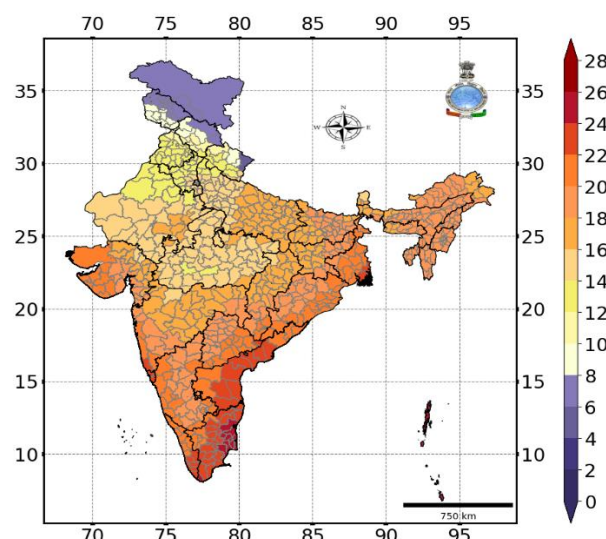


#### Predicted Minimum Temperature

**Weekly Tmin (°C)**  
 Week 1: 30 October 2026 to 05 November 2026



**Weekly Tmin (°C)**  
 Week 2: 06 November 2026 to 12 November 2026



#### Weather Warning

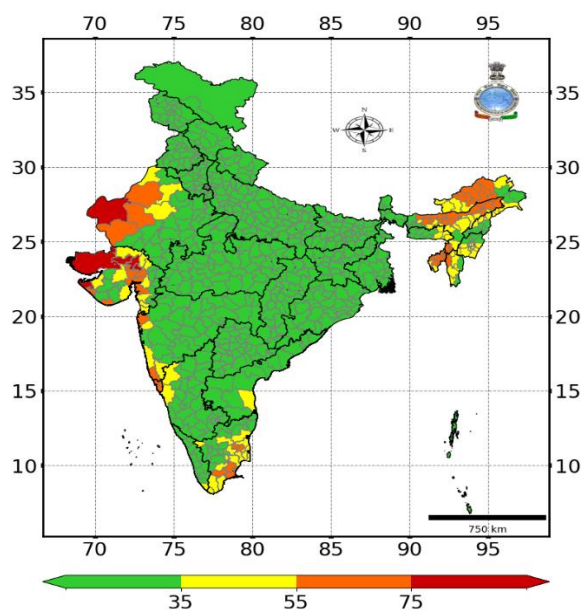
No districts will likely to experience maximum temperature above 39°C and minimum temperature below 4°C during 30<sup>th</sup> Oct to 05<sup>th</sup> Nov 2026.

| ERFS based weekly evolution of transmission window for Malaria and Dengue for Week-I<br>30 <sup>th</sup> Oct to 05 <sup>th</sup> Nov 2026 |                      |                      |                                                                                                                                                                                                                                                                                                                                                                |
|-------------------------------------------------------------------------------------------------------------------------------------------|----------------------|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| VBD                                                                                                                                       | Threshold temp.      |                      | Regions within the range of predicted temperatures for Tmax/Tmin or both in Threshold temperatures range.                                                                                                                                                                                                                                                      |
|                                                                                                                                           | Th-Tmax              | Th-Tmin              |                                                                                                                                                                                                                                                                                                                                                                |
| Malaria<br>( <i>Plasmodium falciparum</i> )                                                                                               | 33-39 <sup>0</sup> C | 16-19 <sup>0</sup> C | All districts of Sikkim (except East Sikkim, South Sikkim, West Sikkim), major districts of Rajasthan, Uttar Pradesh, Gujarat, Madhya Pradesh, Karnataka, some districts of Haryana, Maharashtra, Kerala, Tamil Nadu, few districts of Uttarakhand (Champawat, Nanital, Udham Singh Nagar) and Andhra Pradesh (Nellore).                                       |
| Malaria<br>( <i>Plasmodium vivax</i> )                                                                                                    | 33-39 <sup>0</sup> C | 14-15 <sup>0</sup> C | Some districts of Punjab, Haryana, Rajasthan, Gujarat, Tamil Nadu, few districts of Himachal Pradesh (Shimla, Sirmaur, Solan), Maharashtra (Sindhudurg) and Andhra Pradesh (Nellore).                                                                                                                                                                          |
| Dengue                                                                                                                                    | Not known            | 11.9 <sup>0</sup> C  | Few districts of Himachal Pradesh (Chamba, Kangra) and Uttarakhand (Chamoli).                                                                                                                                                                                                                                                                                  |
| ERFS based weekly evolution of transmission window for Malaria and Dengue for Week-II<br>06 <sup>th</sup> to 12 <sup>th</sup> Nov 2026    |                      |                      |                                                                                                                                                                                                                                                                                                                                                                |
| Malaria<br>( <i>Plasmodium falciparum</i> )                                                                                               | 33-39 <sup>0</sup> C | 16-19 <sup>0</sup> C | All districts of Goa, Manipur, Meghalaya, Nagaland, Tripura, Sikkim (except North Sikkim), Arunachal Pradesh (except Papum-Pare), Mizoram (except Lawngtlai, Saiha), major districts of Uttar Pradesh, Bihar, Chhattisgarh, Jharkhand, Assam, Gujarat, Maharashtra, some districts of Rajasthan, Madhya Pradesh, West Bengal, Odisha, Telangana and Karnataka. |
| Malaria<br>( <i>Plasmodium vivax</i> )                                                                                                    | 33-39 <sup>0</sup> C | 14-15 <sup>0</sup> C | All districts of Goa, major districts of Gujarat, some districts of Haryana, Rajasthan, Uttar Pradesh, Madhya Pradesh, few districts of Uttarakhand (Champawat, Udham Singh Nagar), Maharashtra (Ratnagiri, Sindhudurg) and Karnataka (Uttar Kannada).                                                                                                         |
| Dengue                                                                                                                                    | Not known            | 11.9 <sup>0</sup> C  | Some districts of Himachal Pradesh, few districts of Punjab (Gurdaspur, Hoshiarpur, Rupnagar) and Uttarakhand (Rudraprayag).                                                                                                                                                                                                                                   |

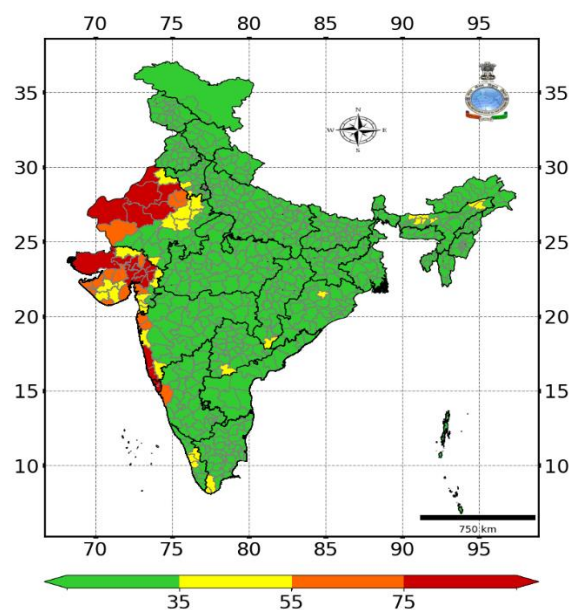
Weekly probabilistic outlook for prevalence of transmission window for Malaria

Predicted probabilistic Maximum Temperature map for Malaria (*Plasmodium falciparum*)

Maximum temperature (33 °C - 39 °C)  
Week 1: 30 October 2026 to 05 November 2026

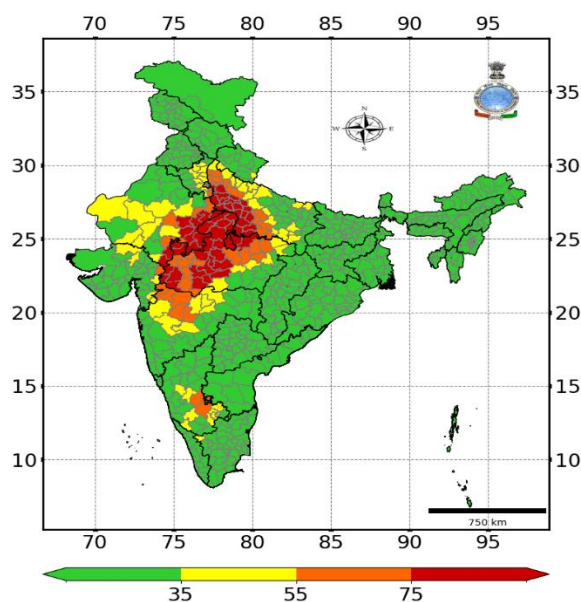


Maximum temperature (33 °C - 39 °C)  
Week 2: 06 November 2026 to 12 November 2026

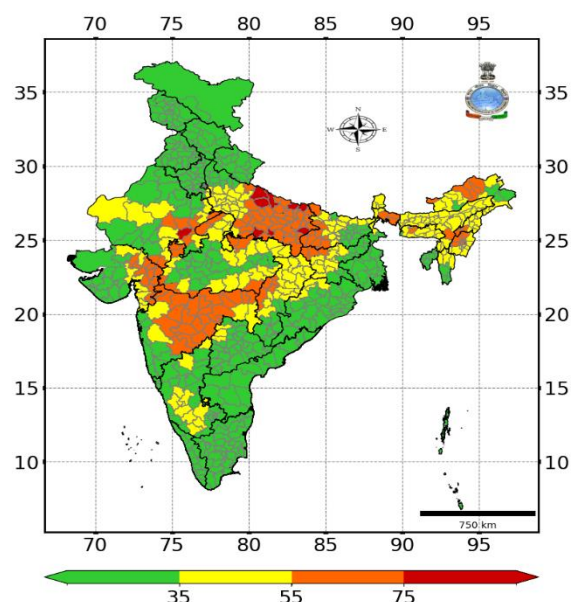


Predicted probabilistic Minimum Temperature map for Malaria (*Plasmodium falciparum*)

Minimum temperature (16 °C - 19 °C)  
Week 1: 30 October 2026 to 05 November 2026



Minimum temperature (16 °C - 19 °C)  
Week 2: 06 November 2026 to 12 November 2026



| Probabilistic weekly evolution of transmission window for Malaria ( <i>Plasmodium falciparum</i> ). |                                          |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-----------------------------------------------------------------------------------------------------|------------------------------------------|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| First week (30 <sup>th</sup> Oct to 05 <sup>th</sup> Nov 2026):                                     |                                          |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 1                                                                                                   | <u>75</u><br>Probability level           |  | Some districts of Rajasthan, Uttar Pradesh, Madhya Pradesh and Gujarat.                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 2                                                                                                   | <u>55-75</u><br>Probability level        |  | All districts of Goa, Tripura (except Sipahijala, South Tripura), major districts of Assam, some districts of Rajasthan, Uttar Pradesh, Madhya Pradesh, Gujarat, Maharashtra, Arunachal Pradesh, Tamil Nadu, few districts of Haryana (Faridabad, Palwal), Mizoram (Mamit) and Karnataka (Chitradurga, Tumkur).                                                                                                                                                                                                                 |
| 3                                                                                                   | <u>35-55</u><br>Probability level        |  | All districts of Mizoram (except Champhai, Mamit, Saiha), major districts of Manipur, some districts of Haryana, Rajasthan, Uttar Pradesh, Madhya Pradesh, Arunachal Pradesh, Assam, Meghalaya, Nagaland, Gujarat, Maharashtra, Karnataka, Tamil Nadu, few districts of Uttarakhand (Champawat, Haridwar), Tripura (Sepahijala, South Tripura), Andhra Pradesh (Nellore) and Kerala (Thiruvananthapuram).                                                                                                                       |
| 4                                                                                                   | <u>Less than 35</u><br>Probability level |  | Major districts in rest of states.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Second week (06 <sup>th</sup> to 12 <sup>th</sup> Nov 2026):                                        |                                          |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 1                                                                                                   | <u>75</u><br>Probability level           |  | All districts of Goa, some districts of Rajasthan, Uttar Pradesh, Gujarat and few districts of Maharashtra (Ratnagiri, Sindhudurg).                                                                                                                                                                                                                                                                                                                                                                                             |
| 2                                                                                                   | <u>55-75</u><br>Probability level        |  | Major districts of Gujarat, Maharashtra, some districts of Rajasthan, Uttar Pradesh, Bihar, Madhya Pradesh, Chhattisgarh, Arunachal Pradesh, Manipur, few districts of Jharkhand (Chatra, Garhwa, Palamu), West Bengal (Alipurduar, Jalpaiguri, Kochbihar), Assam (N.C Hills), Meghalaya (East Garo Hills), Nagaland (Dimapur, Kohima, Peren) and Karnataka (Uttar Kannada).                                                                                                                                                    |
| 3                                                                                                   | <u>35-55</u><br>Probability level        |  | All districts of Sikkim, Assam (except N.C Hills), Meghalaya (except East Garo Hills, South West Garo Hills), Nagaland (except Dimapur, Kohima, Peren), major districts of Chhattisgarh, Arunachal Pradesh, Manipur, some districts of Haryana, Rajasthan, Uttar Pradesh, Bihar, Madhya Pradesh, Gujarat, Maharashtra, Jharkhand, Mizoram, Karnataka, Odisha, Telangana, few districts of West Bengal (Darjeeling, Kalimpong, Uttar_Dinajpur), Kerala (Ernakulam, Palakkad, Trishur) and Tamil Nadu (Kanyakumari, Tirunelveli). |
| 4                                                                                                   | <u>Less than 35</u><br>Probability level |  | Major districts in rest of states.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |

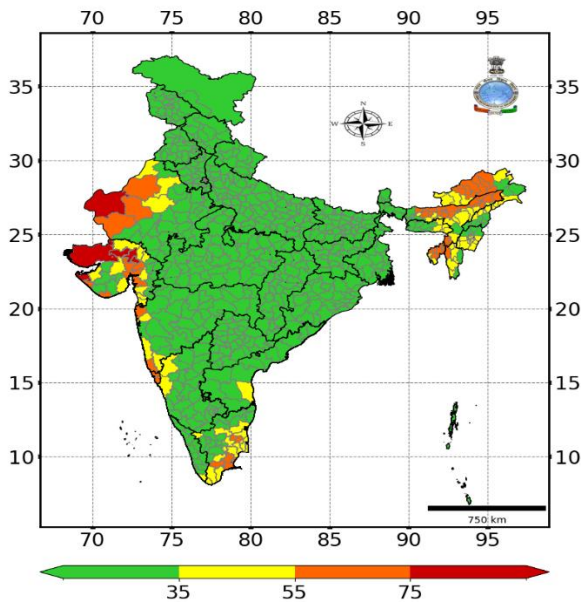
### Glossary:

| SN | Malaria VBD                  | Threshold minimum temp<br>(Th-Tmin) | Threshold maximum temp<br>(ThTmax) |
|----|------------------------------|-------------------------------------|------------------------------------|
| 1  | <i>Plasmodium falciparum</i> | 16-19°C                             | 33-39°C                            |

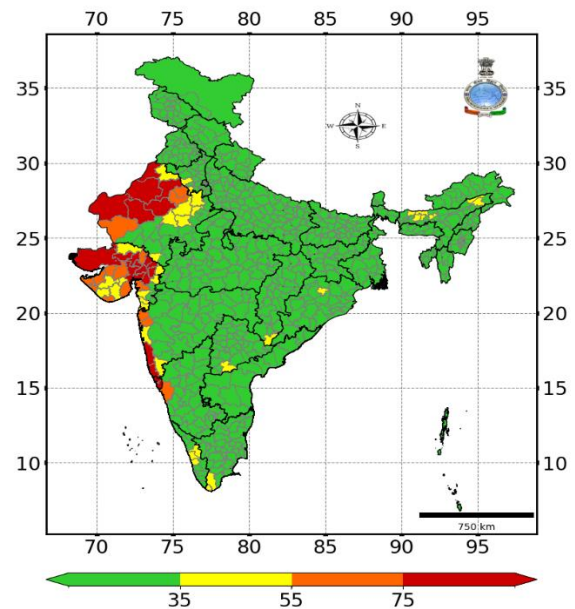
Weekly probabilistic outlook for prevalence of transmission window for Malaria

Predicted probabilistic Maximum Temperature map for Malaria (*Plasmodium vivax*)

Maximum temperature (33 °C - 39 °C)  
Week 1: 30 October 2026 to 05 November 2026

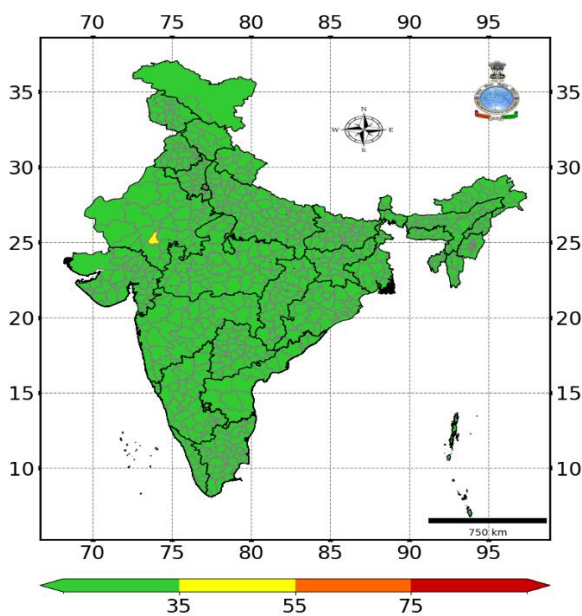


Maximum temperature (33 °C - 39 °C)  
Week 2: 06 November 2026 to 12 November 2026

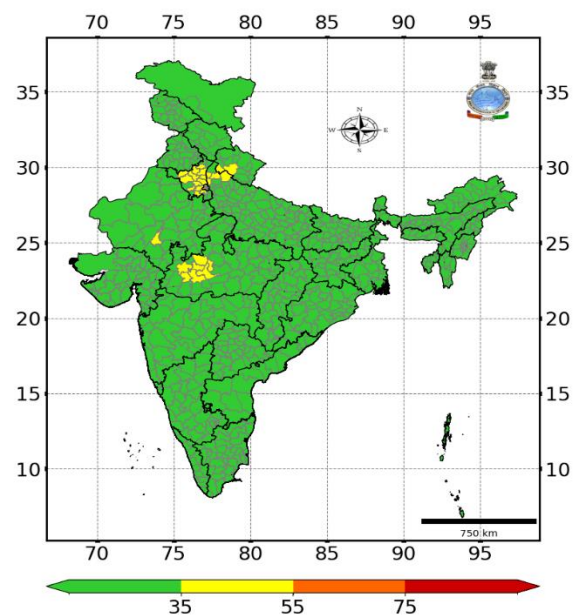


Predicted probabilistic Minimum Temperature map for Malaria (*Plasmodium vivax*)

Minimum temperature (14 °C - 15 °C)  
Week 1: 30 October 2026 to 05 November 2026



Minimum temperature (14 °C - 15 °C)  
Week 2: 06 November 2026 to 12 November 2026



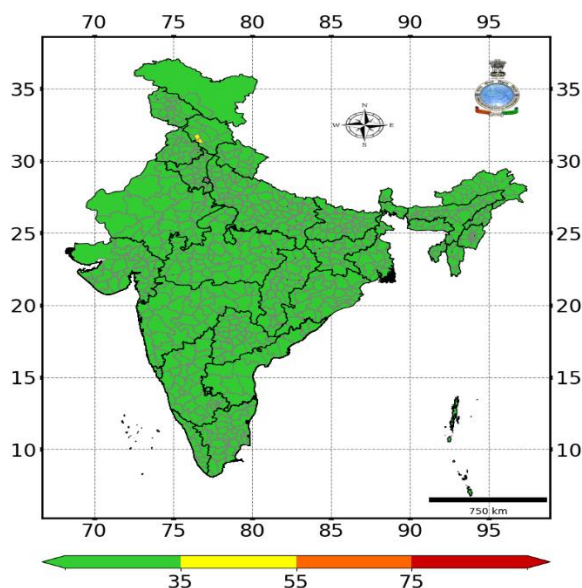
| Probabilistic weekly evolution of transmission window for Malaria ( <i>Plasmodium vivax</i> ). |                                          |  |                                                                                                                                                                                                                                                                                                                                                         |
|------------------------------------------------------------------------------------------------|------------------------------------------|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| First week (30 <sup>th</sup> Oct to 05 <sup>th</sup> Nov 2026):                                |                                          |  |                                                                                                                                                                                                                                                                                                                                                         |
| 1                                                                                              | <u>75</u><br>Probability level           |  | Some districts of Gujarat and few districts of Rajasthan (Jaiselmer).                                                                                                                                                                                                                                                                                   |
| 2                                                                                              | <u>55-75</u><br>Probability level        |  | All districts of Goa, Tripura (except Sipahijala, South Tripura), major districts of Assam, some districts of Gujarat, Arunachal Pradesh, Tamil Nadu, few districts of Rajasthan (Barmer, Bikaner, Jodhpur), Maharashtra (Palghar, Sindhudurg) and Mizoram (Mamit).                                                                                     |
| 3                                                                                              | <u>35-55</u><br>Probability level        |  | All districts of Mizoram (except Champhai, Mamit, Saiha), major districts of Manipur, some districts of Rajasthan, Gujarat, Maharashtra, Arunachal Pradesh, Assam, Meghalaya, Nagaland, Tamil Nadu, few districts of Tripura (Sepahijala, South Tripura), Andhra Pradesh (Nellore), Karnataka (Belgaum, Uttar Kannada) and Kerala (Thiruvananthapuram). |
| 4                                                                                              | <u>Less than 35</u><br>Probability level |  | Major districts in rest of states.                                                                                                                                                                                                                                                                                                                      |
| Second week (06 <sup>th</sup> to 12 <sup>th</sup> Nov 2026):                                   |                                          |  |                                                                                                                                                                                                                                                                                                                                                         |
| 1                                                                                              | <u>75</u><br>Probability level           |  | All districts of Goa, some districts of Rajasthan, Gujarat and few districts of Maharashtra (Ratnagiri, Sindhudurg).                                                                                                                                                                                                                                    |
| 2                                                                                              | <u>55-75</u><br>Probability level        |  | Some districts of Gujarat, few districts of Rajasthan (Barmer, Jhunjhunun, Sikar), Maharashtra (Mumbai City, Palghar, Thane) and Karnataka (Uttar Kannada).                                                                                                                                                                                             |
| 3                                                                                              | <u>35-55</u><br>Probability level        |  | Major districts of Haryana, some districts of Rajasthan, Uttar Pradesh, Madhya Pradesh, Gujarat, Assam, few districts of Uttarakhand (Haridwar, Pauri Garhwal), Maharashtra (Kolhapur, Raigarh), Chhattisgarh (Sukma), Odisha (Deogarh), Telangana (Nagarkurnool), Kerala (Ernakulam, Palakkad, Trishur) and Tamil Nadu (Kanyakumari, Tirunelveli).     |
| 4                                                                                              | <u>Less than 35</u><br>Probability level |  | Major districts in rest of states.                                                                                                                                                                                                                                                                                                                      |

#### Glossary:

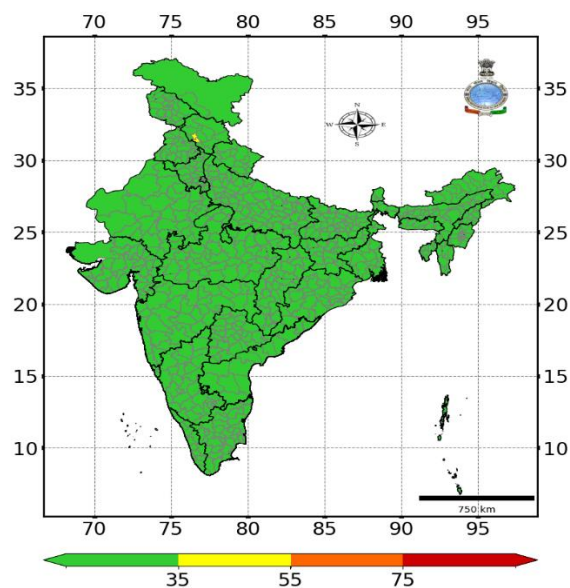
| SN | Malaria VBD             | Threshold minimum temp (Th-Tmin) | Threshold maximum temp (Th-Tmax) |
|----|-------------------------|----------------------------------|----------------------------------|
| 1  | <i>Plasmodium vivax</i> | 14-15°C                          | 33-39°C                          |

## Weekly probabilistic outlook for prevalence of transmission window for Dengue

Minimum temperature (11 °C - 12 °C)  
Week 1: 30 October 2026 to 05 November 2026



Minimum temperature (11 °C - 12 °C)  
Week 2: 06 November 2026 to 12 November 2026



## Probabilistic weekly evolution of transmission window for Dengue.

First week (30<sup>th</sup> Oct to 05<sup>th</sup> Nov 2026):

|   |                                          |                                                      |
|---|------------------------------------------|------------------------------------------------------|
| 1 | <u>75</u><br>Probability level           | Nil.                                                 |
| 2 | <u>55-75</u><br>Probability level        | Nil.                                                 |
| 3 | <u>35-55</u><br>Probability level        | Bilaspur and Hamirpur districts of Himachal Pradesh. |
| 4 | <u>Less than 35</u><br>Probability level | Major districts in rest of states.                   |

Second week (06<sup>th</sup> to 12<sup>th</sup> Nov 2026):

|   |                                          |                                                      |
|---|------------------------------------------|------------------------------------------------------|
| 1 | <u>75</u><br>Probability level           | Nil.                                                 |
| 2 | <u>55-75</u><br>Probability level        | Nil.                                                 |
| 3 | <u>35-55</u><br>Probability level        | Bilaspur and Hamirpur districts of Himachal Pradesh. |
| 4 | <u>Less than 35</u><br>Probability level | Major districts in rest of states.                   |

Glossary:

| SN | Dengue       | Threshold minimum temp<br>(Th-Tmin) | Threshold maximum temp<br>(Th-Tmax) |
|----|--------------|-------------------------------------|-------------------------------------|
| 1  | Dengue virus | 11.9°C                              | Not known                           |