Ministry of Earth Sciences
India Meteorological Department
Office of Climate Research and Services, Pune

Climate information for Health

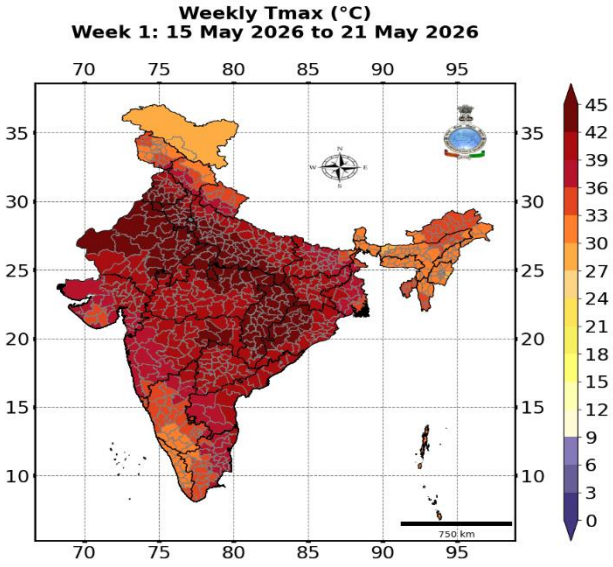
Issued on 14th May 2026

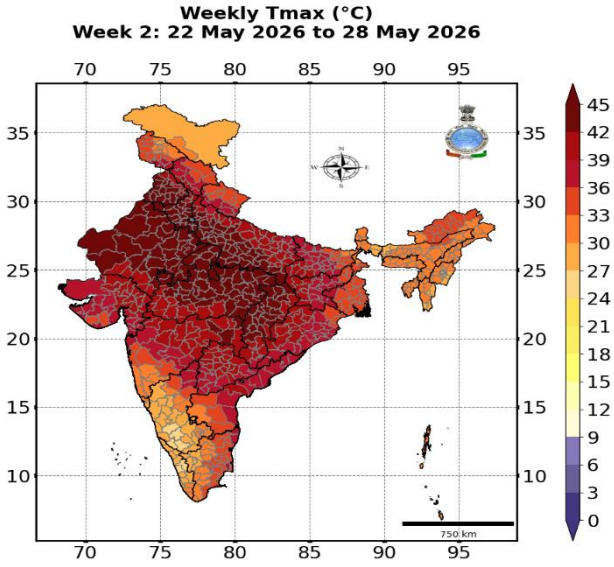
(Valid from 15th May to 28th May 2026)

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.

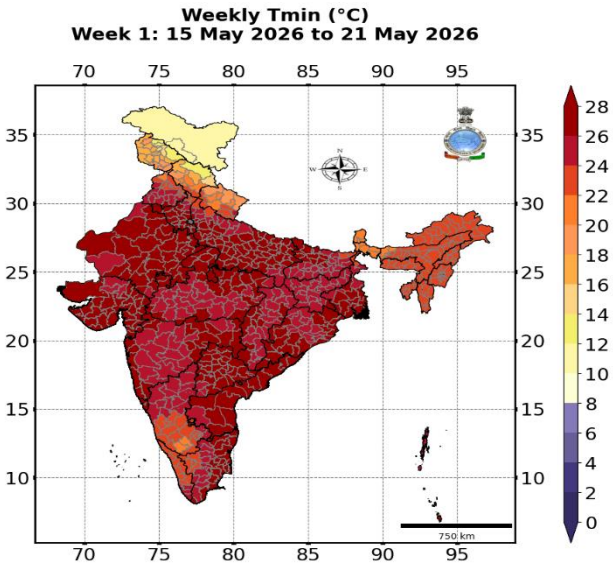
Weekly Prediction of maximum and minimum temperature

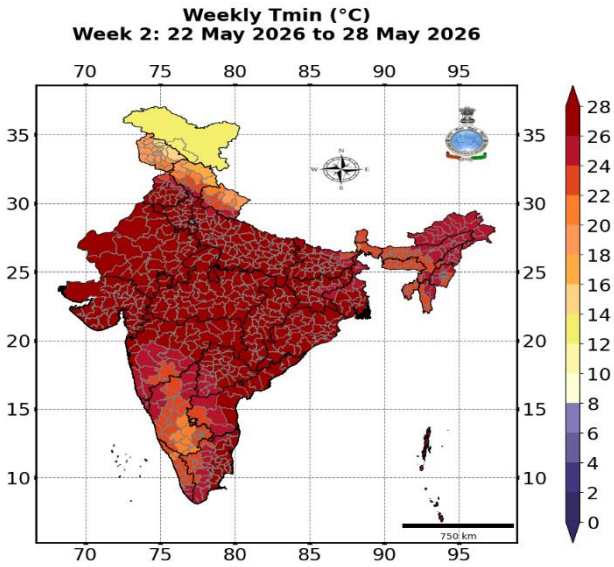
Predicted Maximum Temperature





Predicted Minimum Temperature





Weather Warning

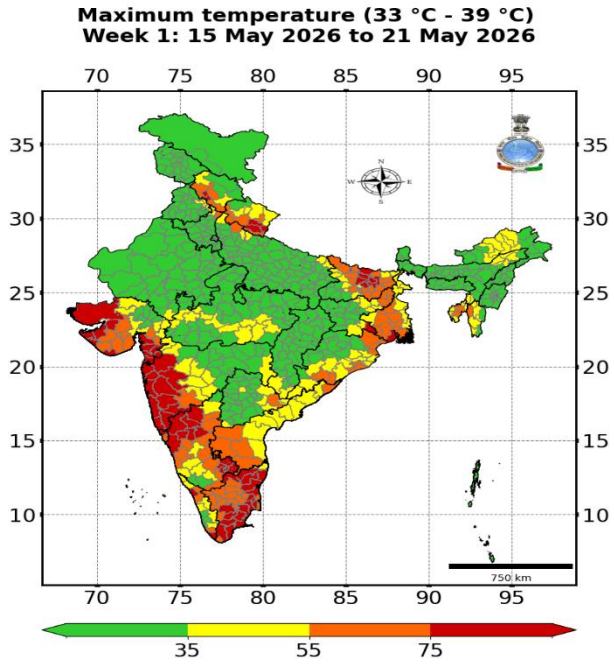
All districts of Chhattisgarh (except Bijapur, Sukma), major districts of Haryana, Rajasthan, Uttar Pradesh, some districts of Punjab, Madhya Pradesh, Odisha, few districts of Jharkhand, Maharashtra and Telangana will likely to experience maximum temperature above 42°C and no districts will likely to experience minimum temperature below 4°C during 15th May to 21st May 2026.

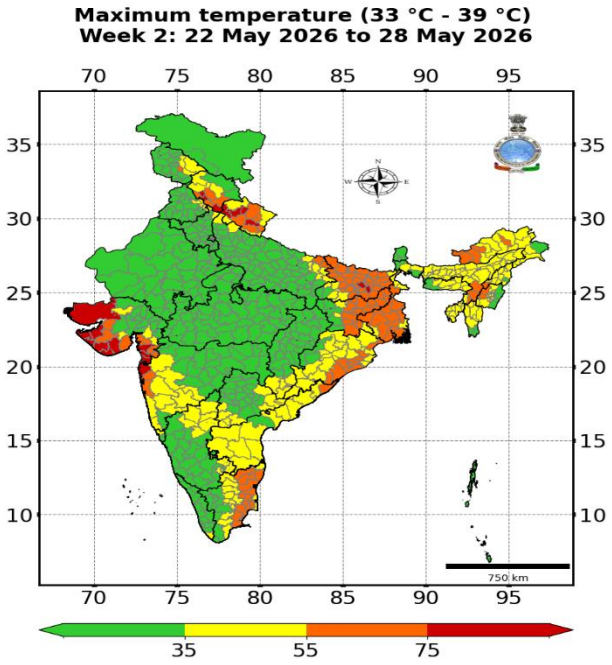
ERFS based weekly evolution of transmission window for Malaria and Dengue for Week-I 15th May to 21st May 2026			
VBD	**Threshold temp.**		**Regions within the range of predicted temperatures for Tmax/Tmin or both in Threshold temperatures range.**
	Th-Tmax	Th-Tmin	
Malaria (*Plasmodium falciparum)*	33-39^{0}C	16-19^{0}C	All districts of Uttarakhand, Tripura, Goa, Himachal Pradesh (except Kinnaur, Lahul & Spiti, Una), major districts of Jammu & Kashmir, Gujarat, Bihar, Arunachal Pradesh, West Bengal, Karnataka, Tamil Nadu, some districts of Jharkhand, Assam, Andhra Pradesh, Maharashtra, few districts of Punjab (Pathankot), Haryana (Panchkula), Uttar Pradesh (Bijnor), Mizoram (Lawngtlai, Lunglei, Saiha), Odisha (Baleshwar), Telangana (Jogulamba Gadwal) and Kerala (Kollam, Thiruvananthpuram).
Malaria (*Plasmodium vivax)*	33-39^{0}C	14-15^{0}C	All districts of Uttarakhand, Tripura, Goa, Himachal Pradesh (except Kinnaur, Lahul & Spiti, Una), major districts of Jammu & Kashmir, Gujarat, Bihar, Arunachal Pradesh, West Bengal, Karnataka, Tamil Nadu, some districts of Jharkhand, Assam, Andhra Pradesh, Maharashtra, few districts of Punjab (Pathankot), Haryana (Panchkula), Uttar Pradesh (Bijnor), Mizoram (Lawngtlai, Lunglei, Saiha), Odisha (Baleshwar), Telangana (Jogulamba Gadwal) and Kerala (Kollam, Thiruvananthpuram).
Dengue	Not known	11.9^{0}C	Nil.
ERFS based weekly evolution of transmission window for Malaria and Dengue for Week-II 22nd May to 28th May 2026			
Malaria (*Plasmodium falciparum)*	33-39^{0}C	16-19^{0}C	All districts of Uttarakhand, Andhra Pradesh (except Anantpur, Guntur), major districts of Jammu & Kashmir, Himachal Pradesh, Gujarat, Bihar, Jharkhand, West Bengal, Odisha, Tamil Nadu, some districts of Uttar Pradesh, Arunachal Pradesh, Telangana, Maharashtra, Karnataka, few districts of Chhattisgarh (Sukma) and Assam (Biswanath, Lakhimpur, Majuli).
Malaria (*Plasmodium vivax)*	33-39^{0}C	14-15^{0}C	All districts of Uttarakhand, Andhra Pradesh (except Anantpur, Guntur), major districts of Jammu & Kashmir, Himachal Pradesh, Gujarat, Bihar, Jharkhand, West Bengal, Odisha, Tamil Nadu, some districts of Uttar Pradesh, Arunachal Pradesh, Telangana, Maharashtra, Karnataka, few districts of Chhattisgarh (Sukma) and Assam (Biswanath, Lakhimpur, Majuli).
Dengue	Not known	11.9^{0}C	Nil.

Weekly to fortnightly probabilistic outlook for prevalence of transmission window for vector borne diseases

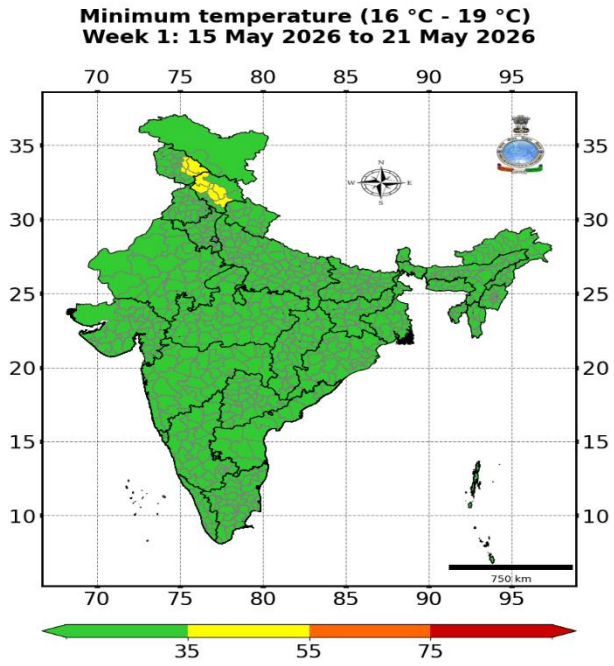
Weekly probabilistic outlook for prevalence of transmission window for Malaria

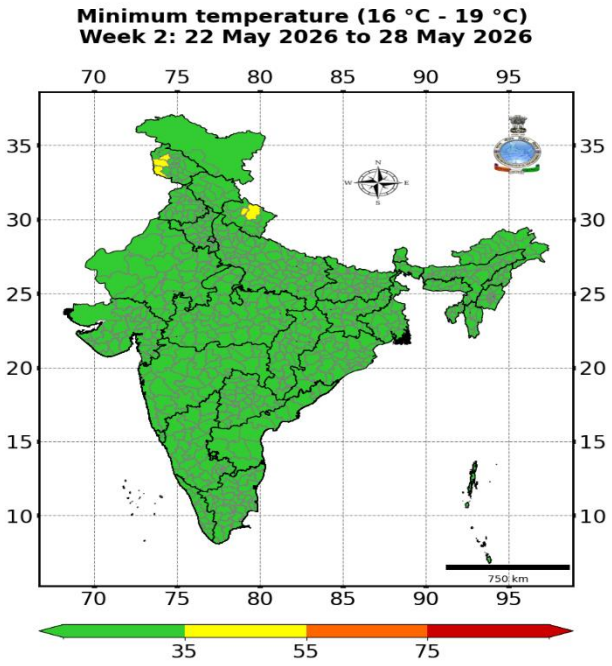
Predicted probabilistic Maximum Temperature map for Malaria (*Plasmodium falciparum*)





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





Probabilistic weekly evolution of transmission window for Malaria (*Plasmodium falciparum*).			
First week (15th May to 21st May 2026):			
1	**75** Probability level		Major districts of Tamil Nadu, some districts of Bihar, Gujarat, Maharashtra, Karnataka, few districts of Himachal Pradesh (Bilaspur, Hamirpur), Uttarakhand (Almora, Champawat, Nanital), Jharkhand (Purbi Singbhumi), West Bengal (Eastmednipur), Goa (North Goa), and Kerala (Kozikod, Thiruvananthpuram).
2	**55-75** Probability level		Some districts of Himachal Pradesh, Uttarakhand, Bihar, Jharkhand, West Bengal, Odisha, Andhra Pradesh, Tamil Nadu, Karnataka, Gujarat, few districts of Haryana (Yamunanagar), Uttar Pradesh (Bijnor), Mizoram (Mamit), Tripura (Dhalai, Gomati, Khowai), Telangana (Bhadrari Kothagudem), Maharashtra (Solapur), Goa (South Goa) and Kerala (Kollam, Malappuram, Wayanad).
3	**35-55** Probability level		All districts of Mizoram (except Champhai, Mamit, Saiha), Tripura (except Dhalai, Gomati, Khowai), major districts of Andhra Pradesh, some districts of Jammu & Kashmir, Himachal Pradesh, Uttarakhand, Uttar Pradesh, Bihar, Jharkhand, Arunachal Pradesh, Assam, West Bengal, Odisha, Telangana, Madhya Pradesh, Gujarat, Maharashtra, Karnataka, Kerala, few districts of Punjab (Nawashahr, Rupnagar, Sas Nagar), Haryana (Ambala, Panchkula), Rajasthan (Banswara), Chhattisgarh (Bijapur, Sukma) and Tamil Nadu (Tiruvallur).
4	**Less than 35** Probability level		Major districts in rest of states.
Second week (22nd May to 28th May 2026):			
1	**75** Probability level		Some districts of Uttarakhand, Gujarat, few districts of Himachal Pradesh (Bilaspur, Hamirpur, Sirmaur), Bihar (Begusarai, Munger) and Maharashtra (Mumbai City, Palghar).
2	**55-75** Probability level		Major districts of Bihar, Jharkhand, West Bengal, some districts of Himachal Pradesh, Uttarakhand, Arunachal Pradesh, Odisha, Tamil Nadu, Gujarat, few districts of Jammu & Kashmir (Ramban), Uttar Pradesh (Kushinagar, Maharajganj), Assam (Cachar, Hailakandi, N.C Hills), Nagaland (Peren), Manipur (Jiribam, Noney, Tamenglong), Andhra Pradesh (Srikakulam) and Maharashtra (Raigarhi, Thane).
3	**35-55** Probability level		All districts of Tripura, Nagaland (except Kiphire, Peren), Mizoram (except Lawngtlai, Saiha), Meghalaya (except South, South-West & West Garo Hills), Andhra Pradesh (except Guntur, Srikakulam), major districts of Arunachal Pradesh, Manipur, Assam, Odisha, some districts of Jammu & Kashmir, Uttarakhand, Uttar Pradesh, Bihar, West Bengal, Chhattisgarh, Telangana, Gujarat, Maharashtra, Karnataka, Tamil Nadu, few districts of Himachal Pradesh (Chamba, Kangra, Kullu), Punjab (Nawashahr, Rupnagar, Sas Nagar), Haryana (Panchkula, Yamunanagar), Jharkhand (Chatra, Lohardaga, Purbi Singbhumi), Goa (North Goa) and Kerala (Thiruvananthpuram).
4	**Less than 35** Probability level		Major districts in rest of states.

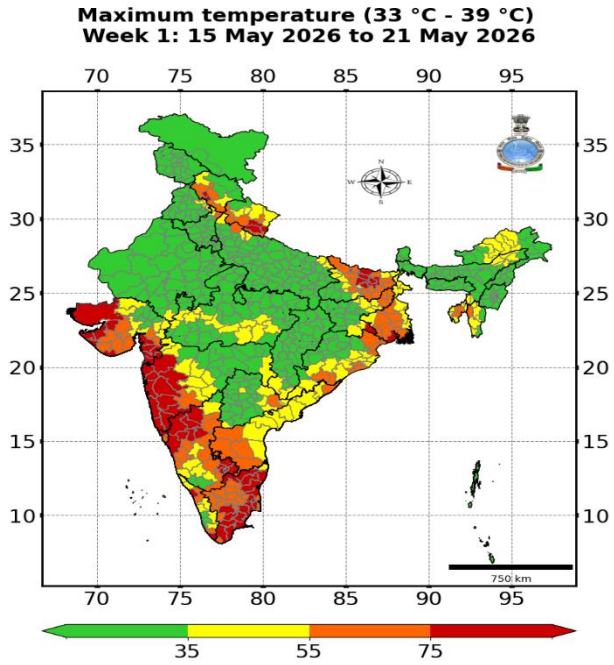
Glossary:

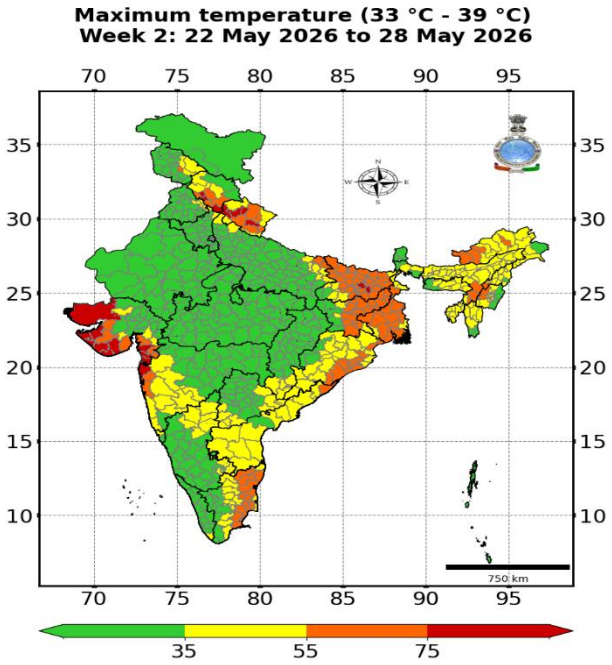
SN	Malaria **VBD**	Threshold minimum temp (Th-Tmin)	Threshold maximum temp (Th-Tmax)
1	*Plasmodium falciparum*	16-19ºC	33-39ºC

Weekly to fortnightly probabilistic outlook for prevalence of transmission window for vector borne diseases

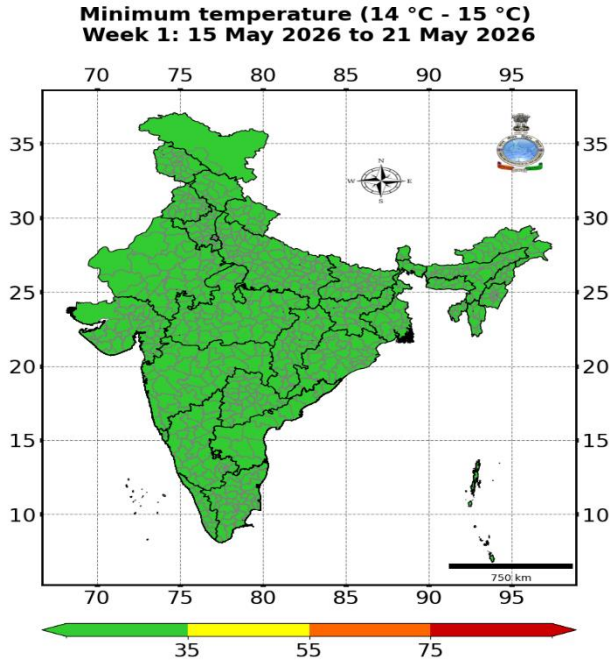
Weekly probabilistic outlook for prevalence of transmission window for Malaria

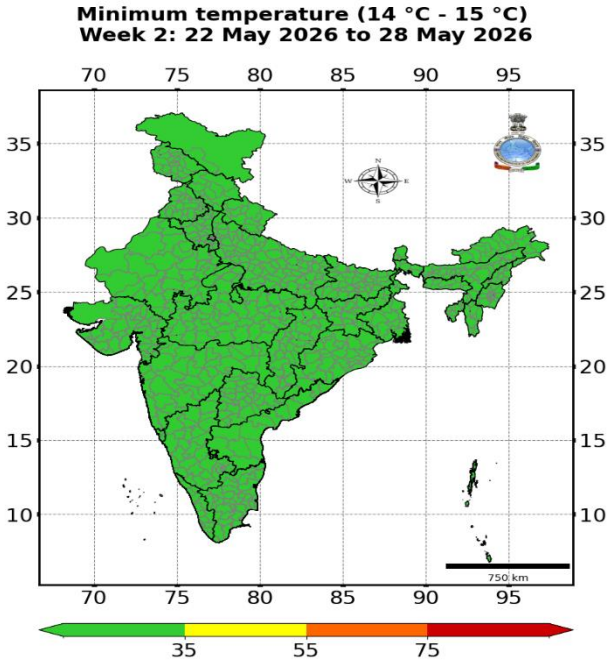
Predicted probabilistic Maximum Temperature map for Malaria (*Plasmodium vivax*)





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





Probabilistic weekly evolution of transmission window for Malaria (*Plasmodium vivax*).			
First week (15th May to 21st May 2026):			
1	**75** Probability level		Major districts of Tamil Nadu, some districts of Bihar, Gujarat, Maharashtra, Karnataka, few districts of Himachal Pradesh (Bilaspur, Hamirpur), Uttarakhand (Almora, Champawat, Nanital), Jharkhand (Purbi Singbhumi), West Bengal (Eastmednipur), Goa (North Goa), and Kerala (Kozikod, Thiruvananthpuram).
2	**55-75** Probability level		Some districts of Himachal Pradesh, Uttarakhand, Bihar, Jharkhand, West Bengal, Odisha, Andhra Pradesh, Tamil Nadu, Karnataka, Gujarat, few districts of Haryana (Yamunanagar), Uttar Pradesh (Bijnor), Mizoram (Mamit), Tripura (Dhalai, Gomati, Khowai), Telangana (Bhadrari Kothagudem), Maharashtra (Solapur), Goa (South Goa) and Kerala (Kollam, Malappuram, Wayanad).
3	**35-55** Probability level		All districts of Mizoram (except Champhai, Mamit, Saiha), Tripura (except Dhalai, Gomati, Khowai), major districts of Andhra Pradesh, some districts of Uttarakhand, Uttar Pradesh, Bihar, Jharkhand, Arunachal Pradesh, Assam, West Bengal, Odisha, Telangana, Madhya Pradesh, Gujarat, Maharashtra, Karnataka, Kerala, few districts of Himachal Pradesh (Chamba, Shimla), Punjab (Nawashahr, Rupnagar, Sas Nagar), Haryana (Ambala, Panchkula), Rajasthan (Banswara), Chhattisgarh (Bijapur, Sukma) and Tamil Nadu (Tiruvallur).
4	**Less than 35** Probability level		Major districts in rest of states.
Second week (22nd May to 28th May 2026):			
1	**75** Probability level		Some districts of Uttarakhand, Gujarat, few districts of Himachal Pradesh (Bilaspur, Hamirpur, Sirmaur), Bihar (Begusarai, Munger) and Maharashtra (Mumbai City, Palghar).
2	**55-75** Probability level		Major districts of Bihar, Jharkhand, West Bengal, some districts of Himachal Pradesh, Uttarakhand, Arunachal Pradesh, Odisha, Tamil Nadu, Gujarat, few districts of Jammu & Kashmir (Ramban), Uttar Pradesh (Kushinagar, Maharajganj), Assam (Cachar, Hailakandi, N.C Hills), Nagaland (Peren), Manipur (Jiribam, Noney, Tamenglong), Andhra Pradesh (Srikakulam) and Maharashtra (Raigarhi, Thane).
3	**35-55** Probability level		All districts of Tripura, Nagaland (except Kiphire, Peren), Mizoram (except Lawngtlai, Saiha), Meghalaya (except South, South-West & West Garo Hills), Andhra Pradesh (except Guntur, Srikakulam), major districts of Arunachal Pradesh, Manipur, Assam, Odisha, some districts of Uttarakhand, Uttar Pradesh, Bihar, West Bengal, Chhattisgarh, Telangana, Gujarat, Maharashtra, Karnataka, Tamil Nadu, few districts of Jammu & Kashmir (Anantnag, Doda, Kishtwar), Himachal Pradesh (Chamba, Kangra, Kullu), Punjab (Nawashahr, Rupnagar, Sas Nagar), Haryana (Panchkula, Yamunanagar), Jharkhand (Chatra, Lohardaga, Purbi Singbhumi), Goa (North Goa) and Kerala (Thiruvananthpuram).
4	**Less than 35** Probability level		Major districts in rest of states.

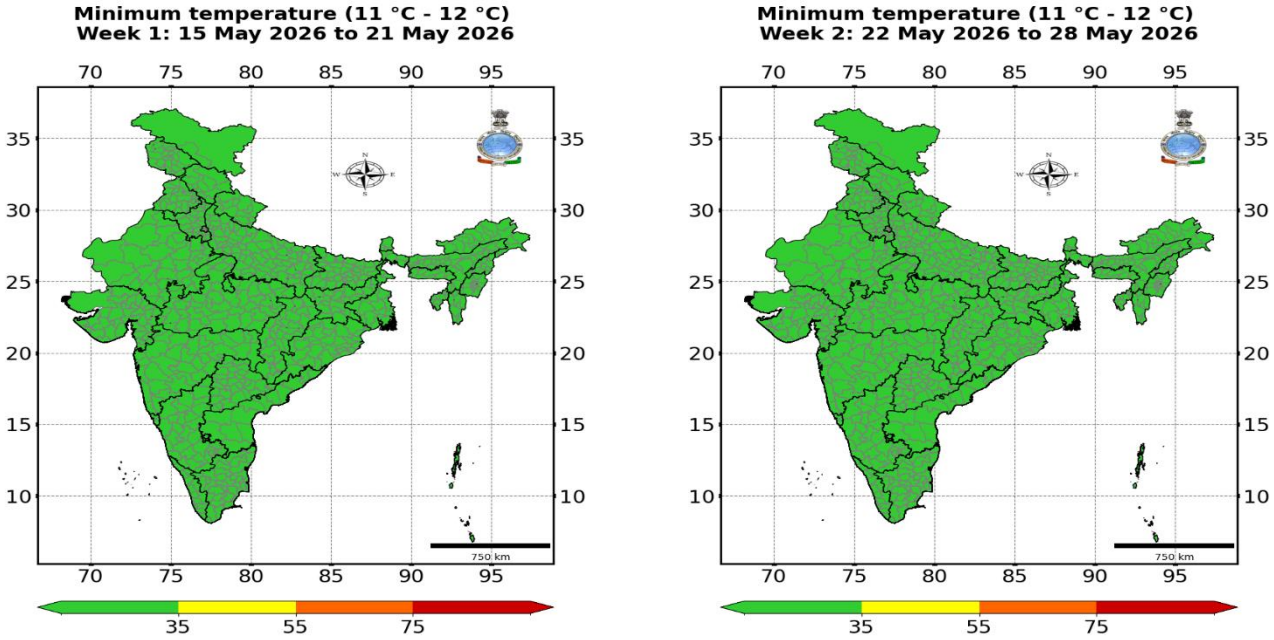
Glossary:

SN	Malaria **VBD**	Threshold minimum temp (Th-Tmin)	Threshold maximum temp (Th-Tmax)
1	*Plasmodium vivax*	14-15ºC	33-39ºC

Weekly to fortnightly probabilistic outlook for prevalence of transmission window for vector borne diseases

Weekly probabilistic outlook for prevalence of transmission window for Dengue

Predicted probabilistic Minimum Temperature map



Probabilistic weekly evolution of transmission window for Dengue.			
First week (15th May to 21st May 2026):			
1	**75** Probability level		Nil.
2	**55-75** Probability level		Nil.
3	**35-55** Probability level		Nil.
4	**Less than 35** Probability level		All districts in state.
Second week (22nd May to 28th May 2026):			
1	**75** Probability level		Nil.
2	**55-75** Probability level		Nil.
3	**35-55** Probability level		Nil.
4	**Less than 35** Probability level		All districts in state.

Glossary:

SN	Dengue	Threshold minimum temp (Th-Tmin)	Threshold maximum temp (Th-Tmax)
1	*Dengue virus*	11.9ºC	Not known