

Probabilistic Temperature Forecast for March 2020

The probabilistic Temperature forecast for March 2020 for Sri Lanka as given below.

The district wise average Maximum Temperature and Minimum Temperatures are given in the column 2 of the table 1 and 2 respectively. Chance (probability) of receiving below/about/above average is given in the columns 3, 4, and 5 respectively in the table 1 and table 2 respectively.

There is a higher chance of experiencing slightly above the normal maximum temperature in Vavuniya, Anuradhapura, Mannar, Batticaloa, Ampara, Hambantota, Galle, Ratnapura, Kandy, Nuwara Eliya, Badulla, Colombo, Gampaha, Kurunegala and Puttalam districts(Fig 1) for the March 2020.

There is a higher chance of experiencing slightly above the normal Minimum Temperatures in Vavuniya, Anuradhapura, Batticaloa, Ampara, Hambantota, Galle, Ratnapura, Kandy, Nuwara Eliya, Badulla, Colombo, Gampaha, Kurunegala and Puttalam Districts (Fig 2) for March2020.

The probabilistic forecast for Maximum Temperature and Minimum Temperatures for March 2020 for Sri Lanka is given below.

Table 1: probabilistic forecast for Maximum Temperature for March 2020

District	Average Maximum Temperature (^o C) – (March)	Probability %		
		Below	Normal	Above
Anuradhapura	33.8	25	30	45
Badulla	28.8	35	20	45
Batticaloa	30.0	20	25	55
Colombo	31.7	25	20	55
Galle	30.6	20	25	55
Hambantota	30.9	20	25	55
Katugastota	31.4	30	25	45
Katunayake	32.7	20	25	55
Mannar	31.9	25	30	45
MahaIlluppallama	33.7	35	20	45
NuwaraEliya	22.5	35	20	45
Pottuvil	31.8	30	25	45
Puttalam	33.1	30	25	45
Ratnapura	34.0	25	20	55
Ratmalana	31.8	25	20	55
Trincomalee	30.8	35	35	30
Vavuniya	33.7	30	25	45
Kurunegala	34.4	25	25	50
Bandarawela	25.5	20	35	45

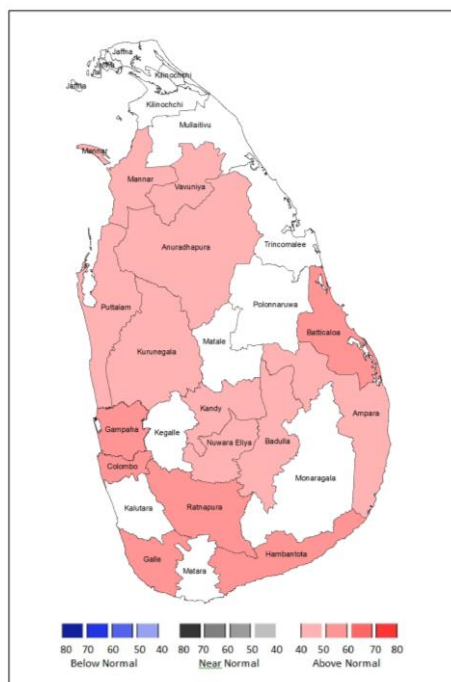


Fig 1: Probabilistic forecast for Maximum Temperatures for March 2020

Table 2: Probabilistic forecast for Minimum Temperatures for March 2020

District	Average Minimum Temperature ($^{\circ}$ C) – (March)	Probability %		
		Below	Normal	Above
Anuradhapura	22.9	35	20	45
Badulla	18.0	25	30	45
Batticaloa	24.3	30	25	45
Colombo	23.7	35	20	45
Galle	23.9	25	30	45
Hambantota	23.9	25	25	50
Katugastota	19.7	30	25	45
Katunayake	23.1	25	30	45
Mannar	24.4	30	35	35
MahaIlluppallama	22.1	20	35	45
NuwaraEliya	10.2	30	30	40
Pottuvil	23.2	30	25	45
Puttalam	23.0	30	25	45
Ratnapura	22.6	35	20	45
Ratmalana	23.2	25	30	45
Trincomalee	25.0	30	35	35
Vavuniya	21.8	35	20	45
Kurunegala	22.4	30	25	45
Bandarawela	14.5	30	25	45

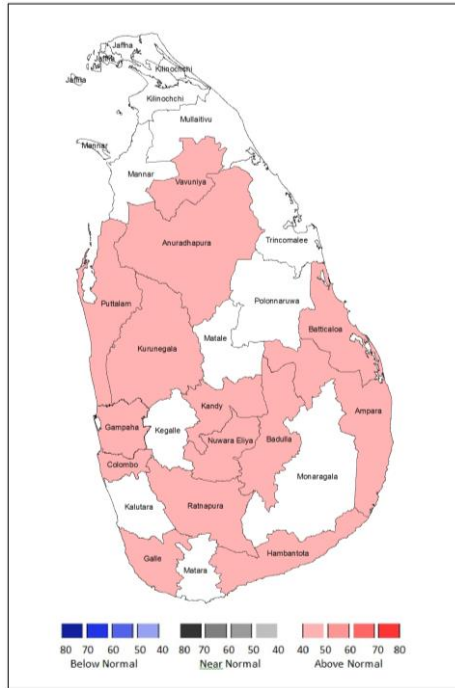


Fig 2: Probabilistic forecast for Minimum Temperatures for March 2020