

Probabilistic Temperature Forecast for April 2019

The probabilistic Temperature forecast for April 2019 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 receiving slightly above average Maximum Temperatures in Vavuniya, Trincomalee, Anuradhapura, Kurunegala, Gampaha, Colombo, Kandy, NuwaraEliya, Ampara, Hambantota and Ratnapura districts and there is no signal for remaining districts (Fig 1) for the April 2019.

There is a higher chance of receiving slightly above average Minimum Temperatures in Anuradhapura, Kandy, Badulla, Batticaloa, Vavuniya, Trincomalee, Ampara, Colombo, Hambantota and Galle districts, about average Minimum Temperatures in NuwaraEliya district and there is no signal for remaining districts (Fig 2) for the April 2019.

The probabilistic forecast for Maximum Temperature and Minimum Temperatures for April 2019 for Sri Lanka is given below.

Table 1: probabilistic forecast for Maximum Temperature for April 2019

District	Average Maximum Temperature ($^{\circ}$ C) – (April)	Probability %		
		Below	Normal	Above
Anuradhapura	34.3	35	20	45
Badulla	29.9	35	35	30
Batticaloa	31.6	35	35	30
Colombo	31.8	35	20	45
Galle	30.6	35	35	30
Hambantota	31.2	20	35	45
Katugastota	31.1	35	20	45
Katunayake	32.4	20	35	45
Mannar	32.7	35	35	30
MahaIlluppallama	33.9	20	35	45
NuwaraEliya	22.8	35	20	45
Pottuvil	32.8	30	20	50
Puttalam	33.0	35	35	30
Ratnapura	33.5	35	20	45
Ratmalana	32.0	35	20	45
Trincomalee	32.9	30	30	40
Vavuniya	34.4	35	20	45
Kurunegala	33.5	35	20	45
Bandarawela	25.9	35	35	30

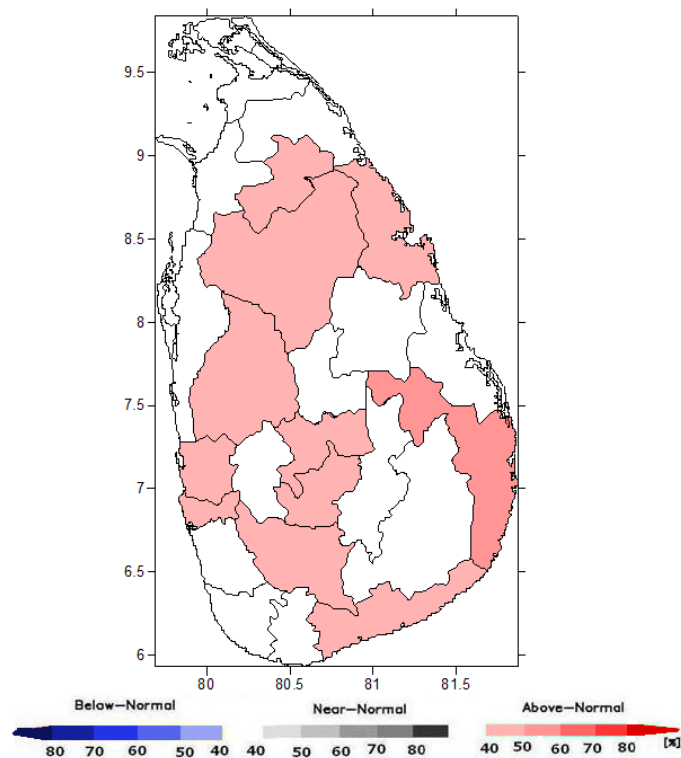


Fig 1: Probabilistic forecast for Maximum Temperatures for April 2019

Table 2: Probabilistic forecast for Minimum Temperatures for April 2019

District	Average Minimum Temperature ($^{\circ}$ C) – (April)	Probability %		
		Below	Normal	Above
Anuradhapura	24.1	30	30	40
Badulla	19.3	35	20	45
Batticaloa	25.3	30	30	40
Colombo	24.6	30	30	40
Galle	24.8	30	30	40
Hambantota	25.0	35	20	45
Katugastota	21.1	30	30	40
Katunayake	24.1	35	35	30
Mannar	25.8	35	35	30
MahaIlluppallama	23.5	30	30	40
NuwaraEliya	11.4	30	40	30
Pottuvil	24.3	30	20	50
Puttalam	24.5	35	35	30
Ratnapura	23.4	35	30	35
Ratmalana	24.1	30	30	40
Trincomalee	25.8	30	30	40
Vavuniya	23.7	30	20	50
Kurunegala	23.6	35	35	30
Bandarawela	15.9	35	20	45

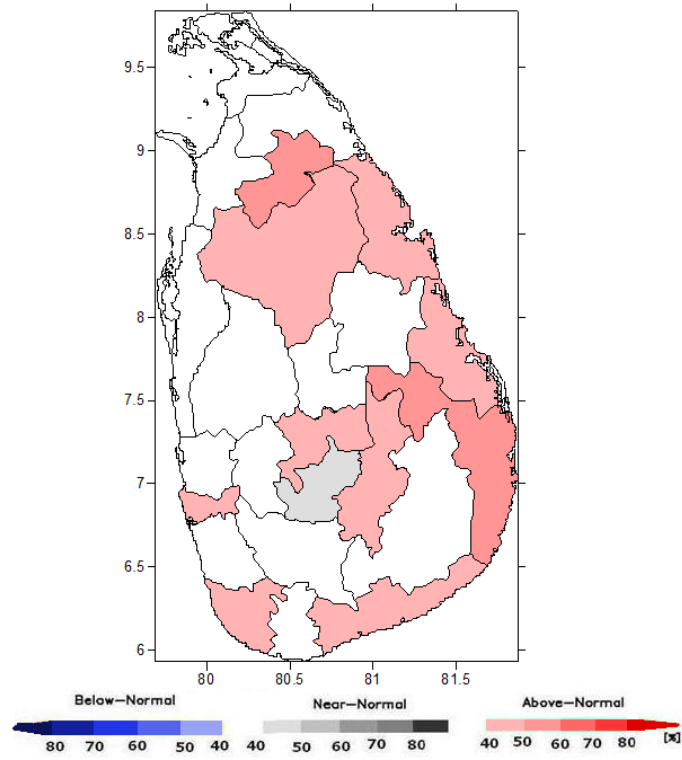


Fig 2: Probabilistic forecast for Minimum Temperatures for April 2019