

## Probabilistic Temperature Forecast for February 2019

The probabilistic Temperature forecast for February 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 above average Maximum Temperatures in most of the districts in the Island (Fig 1) for the February 2019.

There is a higher chance of receiving above average Minimum Temperatures in most of the districts in the Island (Fig 2) for the February 2019.

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

Table 1: probabilistic forecast for Maximum Temperature for February 2019

District	Average Maximum Temperature ( <sup>0</sup> C) –(February)	Probability %		
		Below	Normal	Above
Anuradhapura	31.7	20	30	50
Badulla	26.8	20	30	50
Batticaloa	28.6	20	30	50
Colombo	31.2	15	30	55
Galle	29.9	15	30	55
Hambantota	30.2	20	30	50
Katugastota	29.9	10	30	60
Katunayake	32.5	20	30	50
Mannar	30.3	20	30	50
Mahalluppallama	31.5	15	30	55
NuwaraEliya	21.1	20	30	50
Pottuvil	30.4	20	30	50
Puttalam	32.0	15	30	55
Ratnapura	33.8	15	30	55
Ratmalana	31.2	20	30	50
Trincomalee	29.1	15	30	55
Vavuniya	31.1	15	30	55
Kurunegala	33.1	15	30	55
Bandarawela	24.1	20	30	50

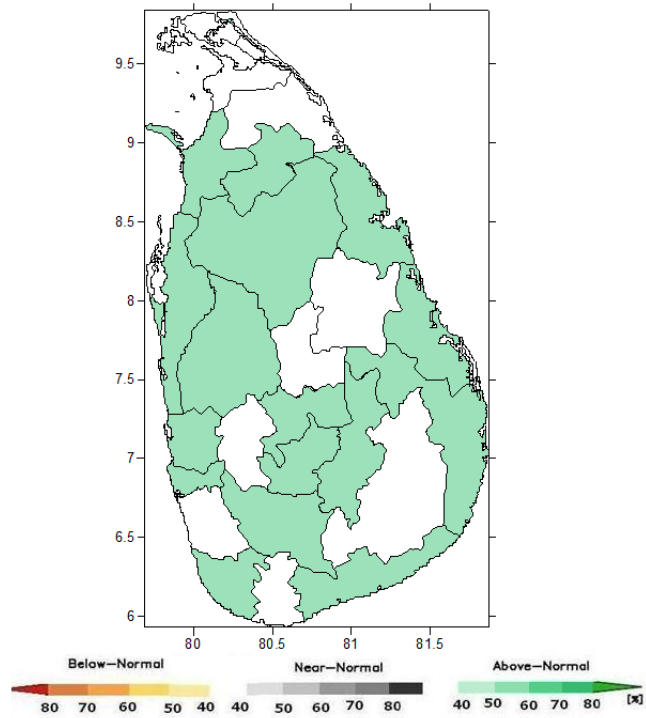


Fig 1: Probabilistic forecast for Maximum Temperatures for February 2019

Table 2: Probabilistic forecast for Minimum Temperatures for February 2019

District	Average Minimum Temperature (°C) –(February)	Probability %		
		Below	Normal	Above
Anuradhapura	21.3	20	30	70
Badulla	17.1	15	25	60
Batticaloa	23.4	10	20	70
Colombo	22.6	10	20	70
Galle	23.0	15	15	70
Hambantota	23.0	15	15	70
Katugastota	18.5	15	25	60
Katunayake	21.9	10	20	70
Mannar	23.5	20	25	55
MahaIlluppallama	20.6	15	25	60
NuwaraEliya	9.5	10	20	70
Pottuvil	22.6	15	25	60
Puttalam	21.4	20	30	50
Ratnapura	21.8	20	25	55
Ratmalana	22.2	15	15	70
Trincomalee	24.5	30	30	40
Vavuniya	20.3	20	30	50
Kurunegala	20.9	15	25	55
Bandarawela	13.6	20	30	50

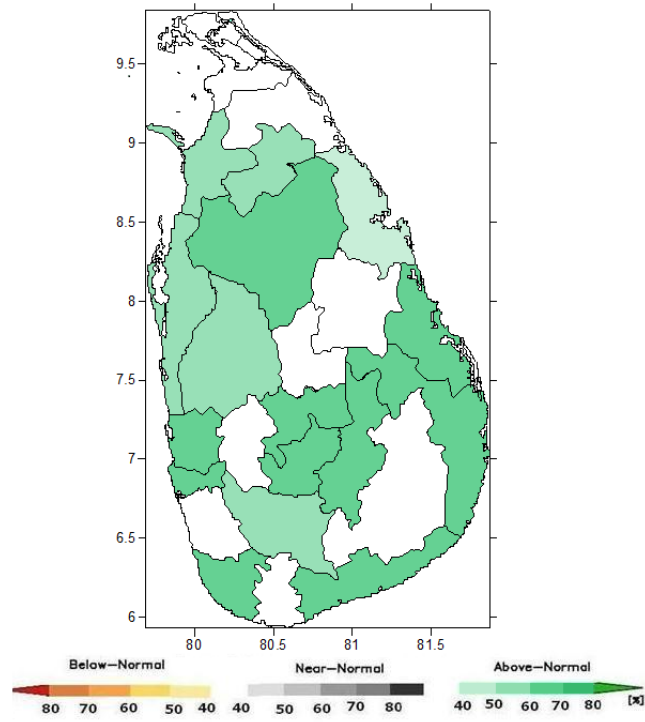


Fig 2: Probabilistic forecast for Minimum Temperatures for February 2019