

## Probabilistic Temperature Forecast for October 2018

The probabilistic Temperature forecast for October 2018 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 Anuradhapura, Puttalam, Kurunegala, Gampaha, Colombo, Kandy, NuwaraEliya, Ratnapura and Galle districts and below average Maximum Temperatures in Mannar, Vavuniya, Trincomalee, Batticaloa, Ampara, Badulla and Hambantota districts(Fig 1) for the October 2018.

There is a higher chance of receiving slightly below average Minimum Temperatures in Vavuniya, Mannar, Trincomalee, Anuradhapura, Puttalam, Gampaha, Colombo, Kandy, Ratnapura, Galle, Hambantota and Batticaloa districts and slightly above average Minimum Temperatures in Kurunegala, NuwaraEliya and Badulla districts (Fig 2) for the October 2018.

The probabilistic forecast for Maximum Temperature and Minimum Temperatures for October 2018 for Sri Lanka is given below.

Table 1: probabilistic forecast for Maximum Temperature for October 2018

District	Average Maximum Temperature ( <sup>o</sup> C) – (October)	Probability %		
		Below	Normal	Above
Anuradhapura	32.0	35	25	40
Badulla	28.9	50	20	30
Batticaloa	30.9	50	20	30
Colombo	30.0	30	25	45
Galle	28.7	30	25	45
Hambantota	30.0	50	20	30
Katugastota	28.6	30	20	50
Katunayake	30.5	30	20	50
Mannar	30.6	45	30	25
MahaIlluppallama	31.9	35	25	40
NuwaraEliya	19.8	30	20	50
Pottuvil	32.3	40	30	30
Puttalam	31.0	35	25	40
Ratnapura	31.3	35	25	40
Ratmalana	30.1	35	25	40
Trincomalee	31.8	50	20	30
Vavuniya	31.9	40	30	30
Kurunegala	31.2	35	25	40
Bandarawela	24.6	40	35	25

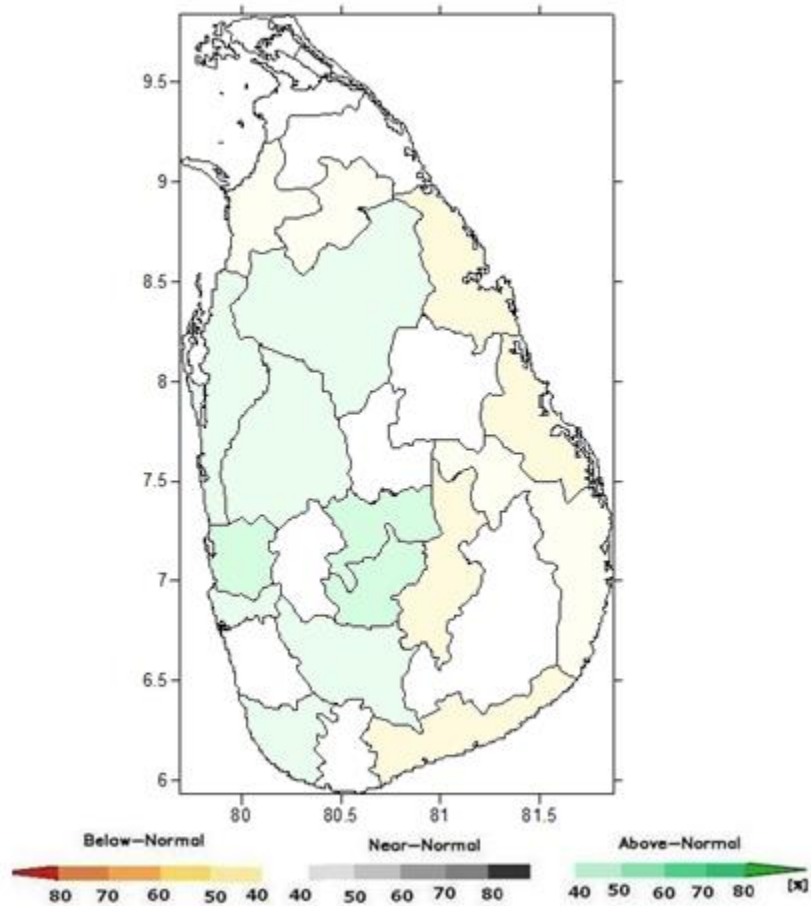


Fig 1: Probabilistic forecast for Maximum Temperatures for October 2018

Table 2: Probabilistic forecast for Minimum Temperatures for October 2018

District	Average Minimum Temperature (°C) – (October)	Probability %		
		Below	Normal	Above
Anuradhapura	23.3	50	20	30
Badulla	18.7	35	25	40
Batticaloa	24.3	45	15	40
Colombo	24.0	55	20	25
Galle	24.1	55	20	25
Hambantota	24.2	55	15	30
Katugastota	20.2	40	25	35
Katunayake	23.4	45	20	35
Mannar	25.2	45	30	25
MahaIlluppallama	23.0	40	25	35
NuwaraEliya	11.8	35	20	45
Pottuvil	24.0	35	35	30
Puttalam	24.1	45	30	25
Ratnapura	22.9	45	20	35
Ratmalana	23.7	55	20	25
Trincomalee	24.6	40	25	35
Vavuniya	23.0	45	20	35
Kurunegala	22.8	40	15	45
Bandarawela	15.8	30	25	45

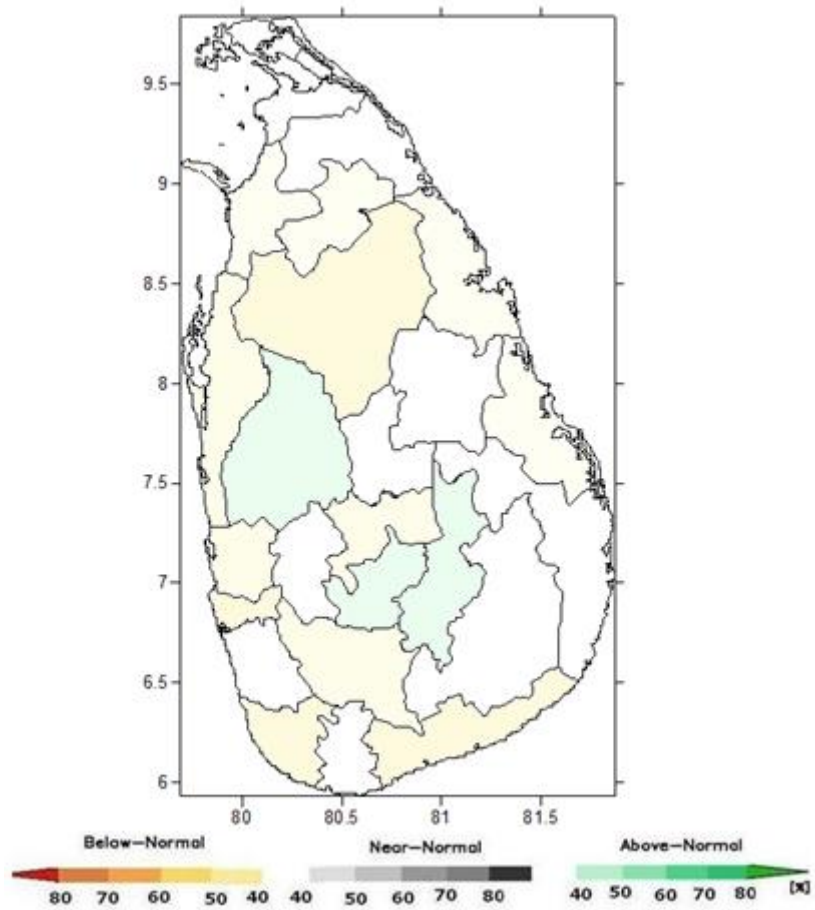


Fig 2: Probabilistic forecast for Minimum Temperatures for October 2018