

## Probabilistic Temperature Forecast for May 2019

The probabilistic Temperature forecast for May 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 Puttalam, Anuradhapura, Kurunegala, Gampaha, Colombo, Kandy, NuwaraEliya, Hambantota, Ratnapura and Galle districts and below average Maximum Temperatures in Mannar, Trincomalee, Batticaloa and Badulla districts (Fig 1) for the May 2019.

There is a higher chance of receiving slightly above average Minimum Temperatures in Mannar, Vavuniya, Trincomalee, Ampara, Anuradhapura, Kurunegala, Kandy, Badulla and Hambantota districts and slightly below average Minimum Temperatures in Gampaha, Colombo, NuwaraEliya, Galle, Batticaloa, Puttalam and Ratnapura districts (Fig 2) for the May 2019.

The probabilistic forecast for Maximum Temperature and Minimum Temperatures for May2019 for Sri Lanka is given below.

Table 1: probabilistic forecast for Maximum Temperature for May 2019

District	Average Maximum Temperature ( <sup>o</sup> C) – (May)	Probability %		
		Below	Normal	Above
Anuradhapura	32.9	20	20	60
Badulla	30.5	45	30	25
Batticaloa	33.0	45	20	35
Colombo	31.1	20	20	60
Galle	30.6	20	20	60
Hambantota	30.7	25	20	55
Katugastota	29.8	20	20	60
Katunayake	31.4	20	20	60
Mannar	32.1	45	20	35
MahaIlluppallama	32.8	25	20	50
NuwaraEliya	21.4	20	20	60
Pottuvil	33.0	35	35	30
Puttalam	32.3	20	15	65
Ratnapura	32.0	20	20	60
Ratmalana	31.3	25	20	55
Trincomalee	34.5	55	20	25
Vavuniya	33.6	30	35	35
Kurunegala	32.3	20	20	60
Bandarawela	26.3	45	20	35

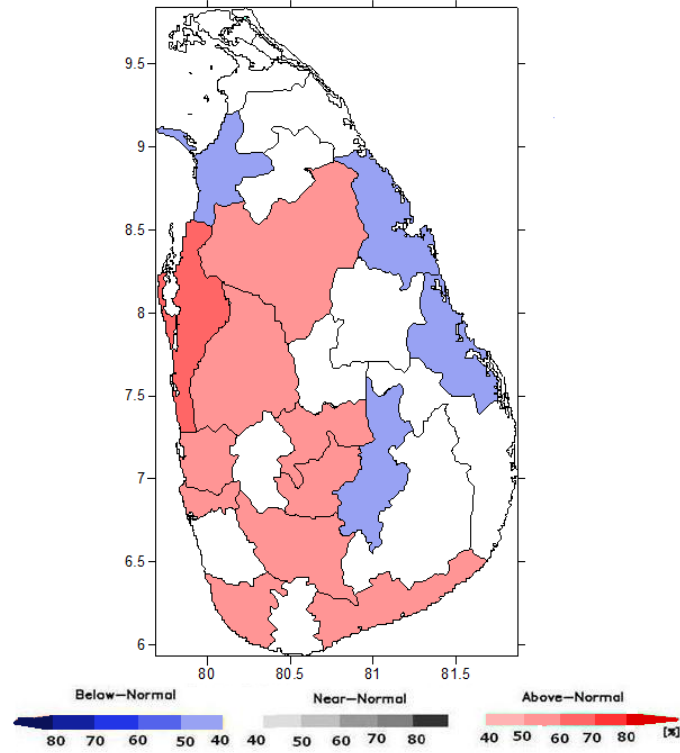


Fig 1: Probabilistic forecast for Maximum Temperatures for May 2019

Table 2: Probabilistic forecast for Minimum Temperatures for May 2019

District	Average Minimum Temperature ( <sup>0</sup> C) – (May)	Probability %		
		Below	Normal	Above
Anuradhapura	24.8	35	20	45
Badulla	19.5	30	25	45
Batticaloa	25.7	45	20	35
Colombo	25.5	45	20	35
Galle	25.5	45	25	30
Hambantota	25.5	35	20	45
Katugastota	21.5	35	15	50
Katunayake	25.1	50	20	30
Mannar	27.3	25	30	45
MahaIlluppallama	24.6	35	20	45
NuwaraEliya	12.8	45	20	35
Pottuvil	24.5	30	30	40
Puttalam	25.8	45	25	30
Ratnapura	23.9	55	20	25
Ratmalana	25.1	55	10	35
Trincomalee	26.4	35	10	55
Vavuniya	24.5	35	20	45
Kurunegala	24.4	35	20	45
Bandarawela	16.7	35	20	45

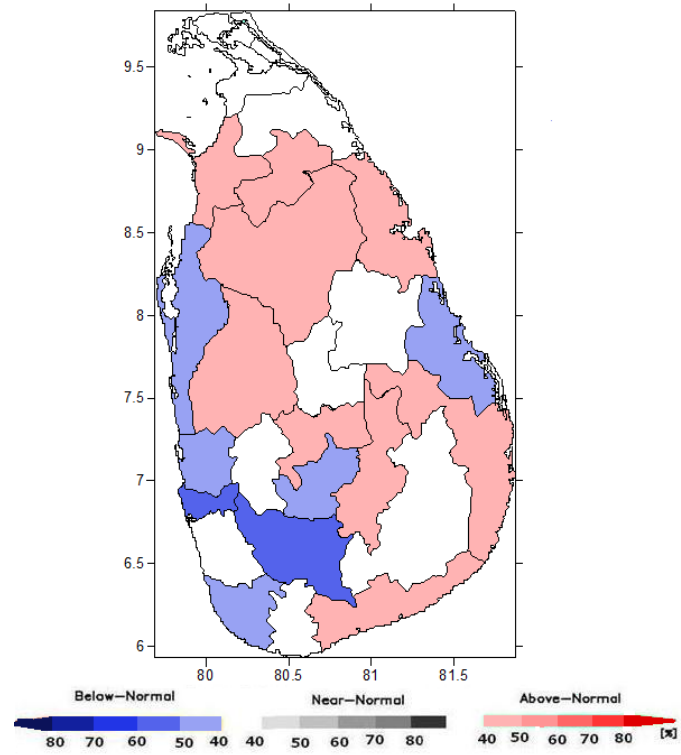


Fig 2: Probabilistic forecast for Minimum Temperatures for May 2019