

## Probabilistic Temperature Forecast for June 2018

The probabilistic Temperature forecast for June 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 Vavunia, Puttlam, Gampaha, Kurunegala, Kandy, NuwaraEliya and Galle districts and slightly below average Maximum Temperatures in Colombo, Rathnapura, Hambantota, Badulla Ampara, Batticaloa, Anuradapura and Trincomalee Districts (Fig 1) for the month of June 2018.

There is a higher chance of receiving slightly above average Minimum Temperatures in Mannar, Vavunia, Trincomalee, Kandy, Batticaloa, Ampara and Badulla districts and slightly below average Minimum Temperatures in Anuradapura, Puttlam, Gampaha, Colombo, Kurunegala, Ratanapura, Galle, Hambantota and Nuwara Eliya districts (Fig 2) for the month of June 2018.

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

Table 1: probabilistic forecast for Maximum Temperature for June 2018

District	Average Maximum Temperature ( <sup>0</sup> C) – (June)	Probability %		
		Below	Normal	Above
Anuradhapura	32.7	50	30	20
Badulla	30.7	55	25	20
Batticaloa	34.0	55	25	20
Colombo	30.4	50	20	30
Galle	29.0	35	20	45
Hambantota	30.3	50	20	30
Katugastota	28.2	35	10	45
Katunayake	30.7	35	20	45
Mannar	31.1	40	30	30
MahaIlluppallama	32.5	45	20	35
NuwaraEliya	18.9	20	20	45
Pottuvil	32.6	50	20	30
Puttalam	31.5	35	20	45
Ratnapura	31.0	45	20	35
Ratmalana	30.5	45	20	35
Trincomalee	34.7	50	20	30
Vavuniya	33.7	35	20	45
Kurunegala	31.0	35	20	45
Bandarawela	25.8	50	20	30

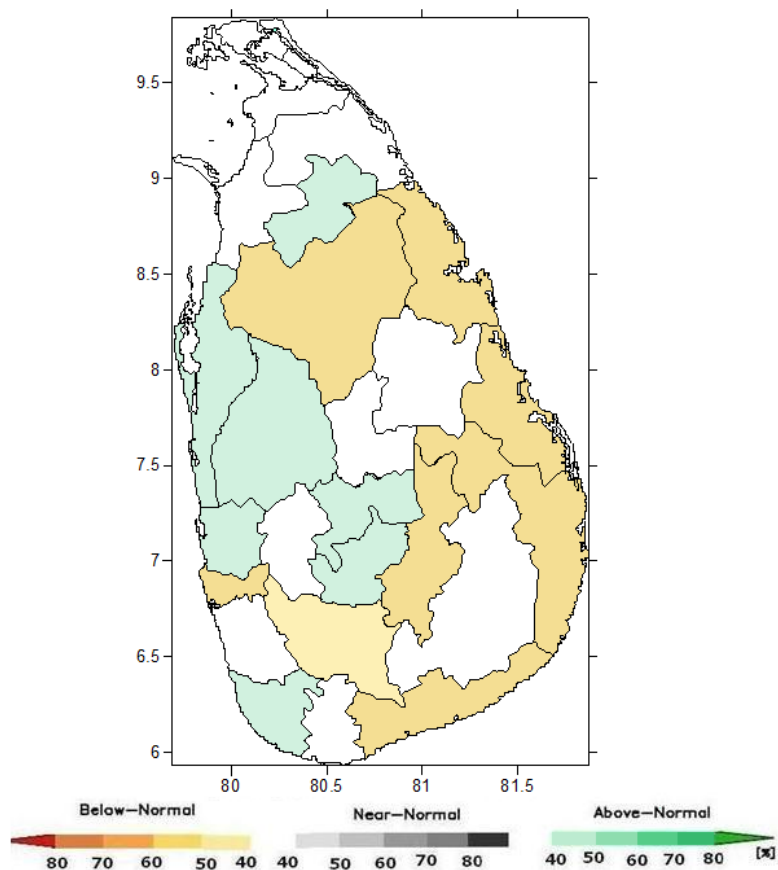


Fig 1: Probabilistic forecast for Maximum Temperatures for June 2018

Table 2: Probabilistic forecast for Minimum Temperatures for June 2018

District	Average Minimum Temperature ( $^{\circ}\text{C}$ ) – (June)	Probability %		
		Below	Normal	Above
Anuradhapura	24.9	45	20	35
Badulla	18.8	25	20	55
Batticaloa	25.6	30	20	50
Colombo	25.5	55	20	25
Galle	25.2	55	20	25
Hambantota	25.2	50	20	30
Katugastota	21.4	35	20	45
Katunayake	25.1	55	20	25
Mannar	27.3	35	20	45
MahaIlluppallama	24.7	35	20	45
NuwaraEliya	13.2	45	20	35
Pottuvil	25.1	30	20	50
Puttalam	26.2	50	20	30
Ratnapura	23.7	50	20	30
Ratmalana	25.2	45	20	35
Trincomalee	26.4	35	20	45
Vavuniya	24.7	35	20	45
Kurunegala	24.3	55	20	25
Bandarawela	17.0	30	20	50

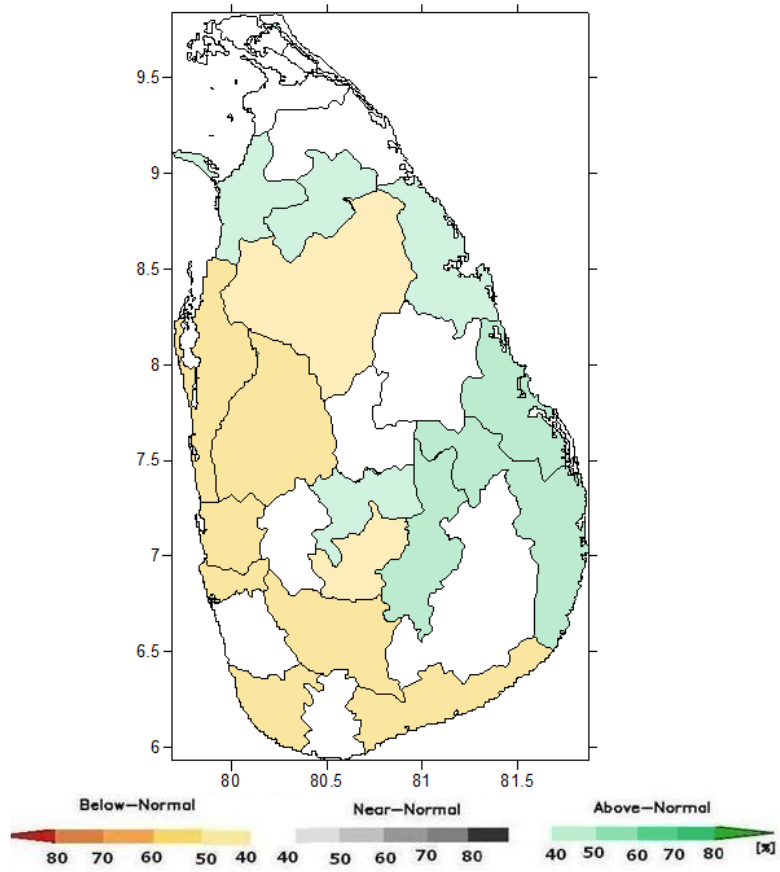


Fig 2: Probabilistic forecast for Minimum Temperatures for June 2018