

## Probabilistic Temperature Forecast for January -March2018

The probabilistic Temperature forecast for January, February and March season (JFM) 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 below average Maximum Temperatures and above normal Minimum Temperatures in all districts for the JFM season 2018.

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

Table 1: probabilistic forecast for Maximum Temperature for JFM season 2018

District	Average Maximum Temperature ( <sup>0</sup> C) – (JFM)	Probability %		
		Below	Normal	Above
Anuradhapura	31.7	55	30	15
Badulla	26.9	50	30	20
Batticaloa	28.8	20	45	35
Colombo	31.3	35	40	25
Galle	29.8	30	40	30
Hambantota	30.3	15	35	50
Katugastota	29.9	45	30	25
Katunayake	32.4	45	30	25
Mannar	30.4	45	30	25
MahaIlluppallama	31.6	35	40	25
NuwaraEliya	21.2	50	30	20
Pottuvil	30.6	20	45	35
Puttalam	31.9	50	30	20
Ratnapura	33.5	50	30	20
Ratmalana	31.4	40	35	25
Trincomalee	29.2	40	35	25
Vavuniya	31.3	50	30	20
Kurunegala	32.8	50	30	20
Bandarawela	24.0	45	35	20

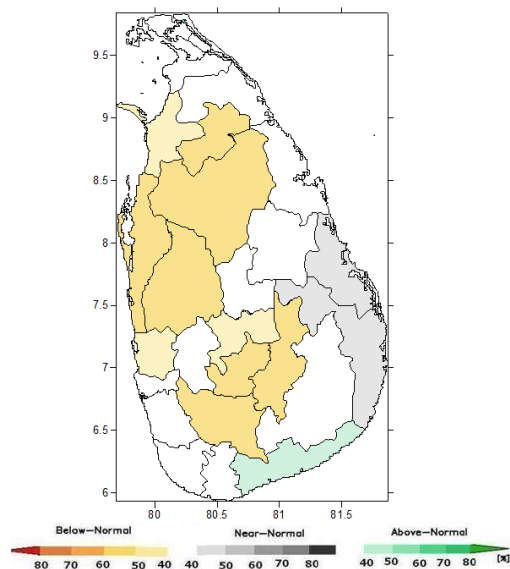


Fig 1: Probabilistic forecast for Maximum Temperatures for JFM season 2018

Table 2: Probabilistic forecast for Minimum Temperatures for JFM season 2018

District	Average Minimum Temperature ( $^{\circ}$ C) – (JFM)	Probability %		
		Below	Normal	Above
Anuradhapura	21.7	20	30	50
Badulla	17.5	25	30	45
Batticaloa	23.6	20	30	50
Colombo	22.9	10	40	50
Galle	23.2	20	30	50
Hambantota	23.2	20	30	50
Katugastota	18.9	25	30	45
Katunayake	22.2	20	30	50
Mannar	23.8	20	30	50
MahaIlluppallama	21.0	25	30	45
NuwaraEliya	9.7	20	30	50
Pottuvil	22.6	25	35	40
Puttalam	21.8	20	30	50
Ratnapura	22.0	25	30	45
Ratmalana	22.4	15	40	45
Trincomalee	24.6	25	30	45
Vavuniya	20.7	25	30	45
Kurunegala	21.3	20	30	50
Bandarawela	14.1	20	30	50

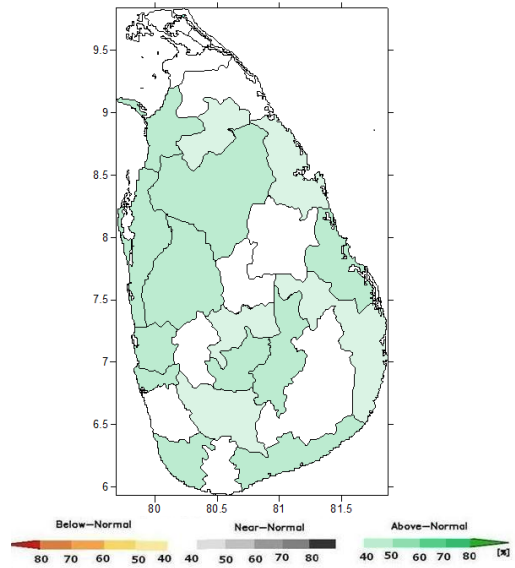


Fig 2: Probabilistic forecast for Minimum Temperatures for JFM season 2018