

Probabilistic Temperature Forecast for May 2018

The probabilistic Temperature forecast for May 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, Kandy, NuwaraEliya, Puttalam, Rathnapura, Trincomalee Vavunia and Kurunegala districts and slightly below average Maximum Temperatures in Badulla, Batticaloa, Colombo, Galle and Hambantota Districts (Fig 1) for the May 2018.

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

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

Table 1: probabilistic forecast for Maximum Temperature for May 2018

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

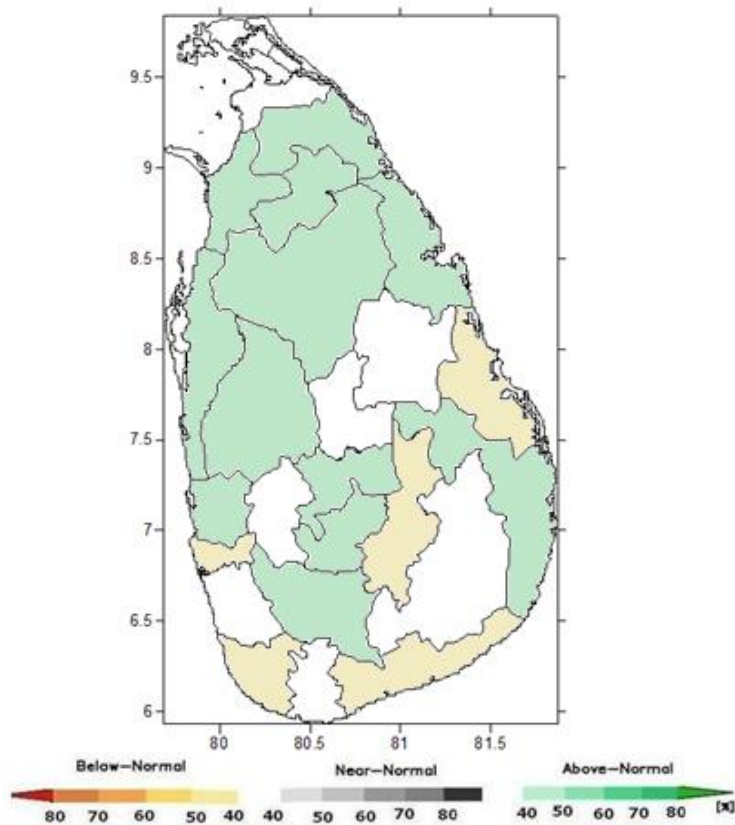


Fig 1: Probabilistic forecast for Maximum Temperatures for May 2018

Table 2: Probabilistic forecast for Minimum Temperatures for May 2018

| District | Average Minimum Temperature ($^{\circ}$ C) – (May) | Probability % | | |
|------------------|---|---------------|--------|-------|
| | | Below | Normal | Above |
| Anuradhapura | 24.8 | 30 | 45 | 25 |
| Badulla | 19.5 | 45 | 20 | 35 |
| Batticaloa | 25.7 | 40 | 25 | 35 |
| Colombo | 25.5 | 25 | 35 | 40 |
| Galle | 25.5 | 40 | 25 | 35 |
| Hambantota | 25.5 | 25 | 45 | 30 |
| Katugastota | 21.5 | 35 | 25 | 40 |
| Katunayake | 25.1 | 45 | 35 | 20 |
| Mannar | 27.3 | 30 | 20 | 50 |
| MahaIlluppallama | 24.6 | 45 | 20 | 35 |
| NuwaraEliya | 12.8 | 35 | 25 | 40 |
| Pottuvil | 24.5 | 30 | 20 | 50 |
| Puttalam | 25.8 | 45 | 30 | 25 |
| Ratnapura | 23.9 | 35 | 20 | 45 |
| Ratmalana | 25.1 | 45 | 20 | 35 |
| Trincomalee | 26.4 | 30 | 20 | 50 |
| Vavuniya | 24.5 | 30 | 20 | 50 |
| Kurunegala | 24.4 | 40 | 25 | 35 |
| Bandarawela | 16.7 | 50 | 20 | 30 |

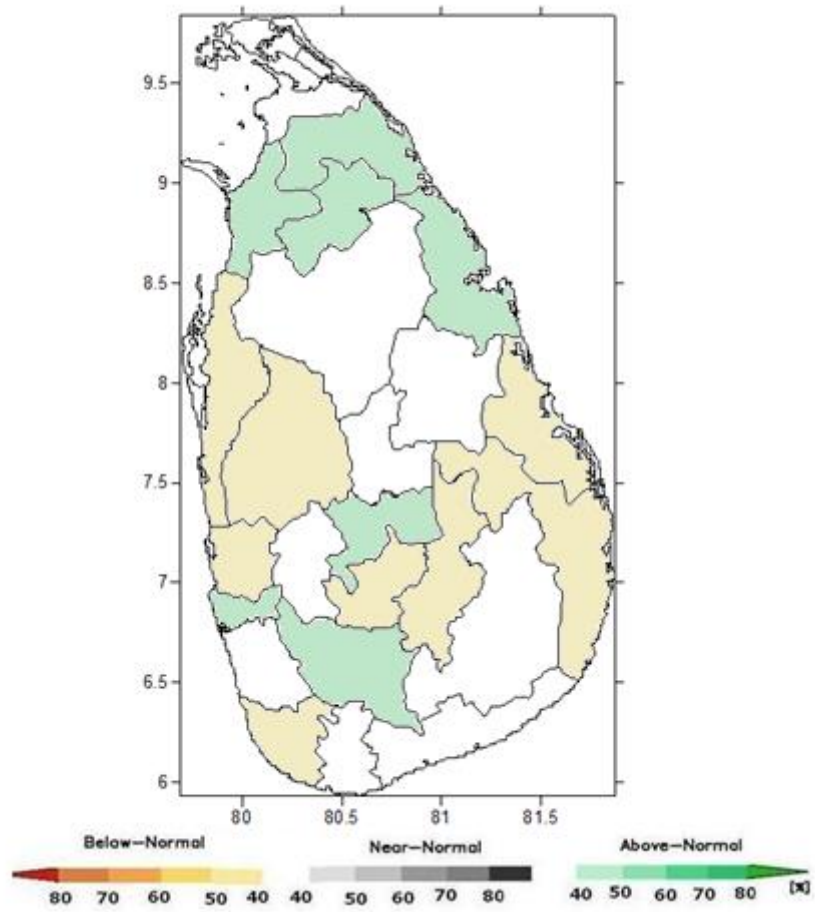


Fig 2: Probabilistic forecast for Minimum Temperatures for May 2018