

## Probabilistic Temperature Forecast for January 2019

The probabilistic Temperature forecast for January 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 most of the districts in the Island (Fig 1) for the January 2019.

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

The probabilistic forecast for Maximum Temperature and Minimum Temperatures for January 2019 for Sri Lanka is given below.

Table 1: probabilistic forecast for Maximum Temperature for January 2019

| District         | Average Maximum Temperature (°C) –(January) | Probability % |        |       |
|------------------|---|---------------|--------|-------|
|                  |   | Below         | Normal | Above |
| Anuradhapura     | 29.6  | 20            | 30     | 50    |
| Badulla          | 25.0  | 35            | 30     | 35    |
| Batticaloa       | 27.8  | 20            | 20     | 60    |
| Colombo          | 30.9  | 15            | 25     | 60    |
| Galle            | 29.0  | 10            | 30     | 60    |
| Hambantota       | 29.8  | 10            | 30     | 60    |
| Katugastota      | 28.3  | 20            | 30     | 50    |
| Katunayake       | 32.1  | 25            | 30     | 45    |
| Mannar           | 28.9  | 15            | 30     | 55    |
| MahaIlluppallama | 29.5  | 15            | 25     | 60    |
| NuwaraEliya      | 20.0  | 15            | 25     | 60    |
| Pottuvil         | 29.7  | 15            | 25     | 60    |
| Puttalam         | 30.5  | 20            | 30     | 50    |
| Ratnapura        | 32.7  | 20            | 30     | 50    |
| Ratmalana        | 31.1  | 25            | 30     | 45    |
| Trincomalee      | 27.8  | 10            | 30     | 60    |
| Vavuniya         | 29.2  | 20            | 30     | 50    |
| Kurunegala       | 30.8  | 20            | 25     | 55    |
| Bandarawela      | 22.4  | 25            | 30     | 45    |

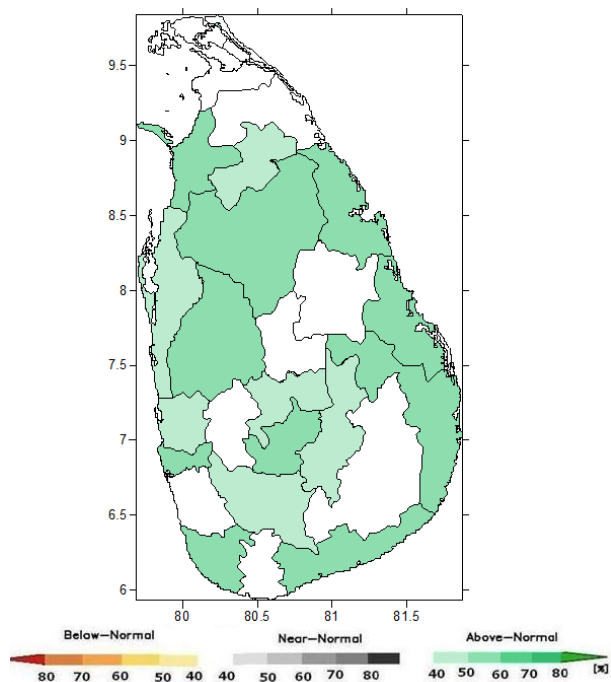


Fig 1: Probabilistic forecast for Maximum Temperatures for January 2019

Table 2: Probabilistic forecast for Minimum Temperatures for January 2019

| District         | Average Minimum Temperature (°C) –(January) | Probability % |        |       |
|------------------|---|---------------|--------|-------|
|                  |   | Below         | Normal | Above |
| Anuradhapura     | 20.9  | 35            | 30     | 35    |
| Badulla          | 17.5  | 35            | 30     | 35    |
| Batticaloa       | 23.2  | 30            | 30     | 40    |
| Colombo          | 22.3  | 30            | 30     | 40    |
| Galle            | 22.8  | 30            | 30     | 40    |
| Hambantota       | 22.8  | 30            | 30     | 40    |
| Katugastota      | 18.4  | 30            | 30     | 40    |
| Katunayake       | 21.6  | 30            | 30     | 40    |
| Mannar           | 23.6  | 20            | 30     | 50    |
| MahaIlluppallama | 20.4  | 40            | 30     | 30    |
| NuwaraEliya      | 9.4   | 40            | 30     | 30    |
| Pottuvil         | 22.0  | 20            | 30     | 50    |
| Puttalam         | 21.0  | 40            | 30     | 30    |
| Ratnapura        | 21.7  | 30            | 30     | 40    |
| Ratmalana        | 21.7  | 30            | 30     | 40    |
| Trincomalee      | 24.3  | 30            | 30     | 40    |
| Vavuniya         | 20.0  | 40            | 30     | 30    |
| Kurunegala       | 20.7  | 35            | 30     | 35    |
| Bandarawela      | 14.1  | 40            | 30     | 30    |

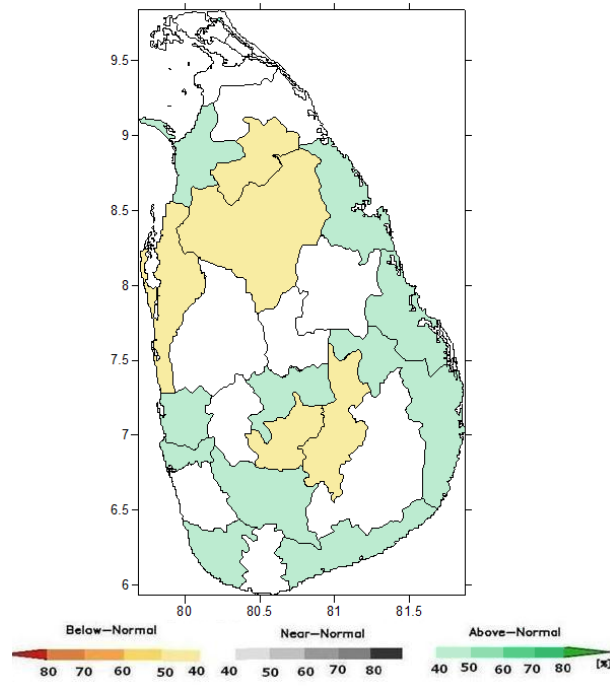


Fig 2: Probabilistic forecast for Minimum Temperatures for January 2019