



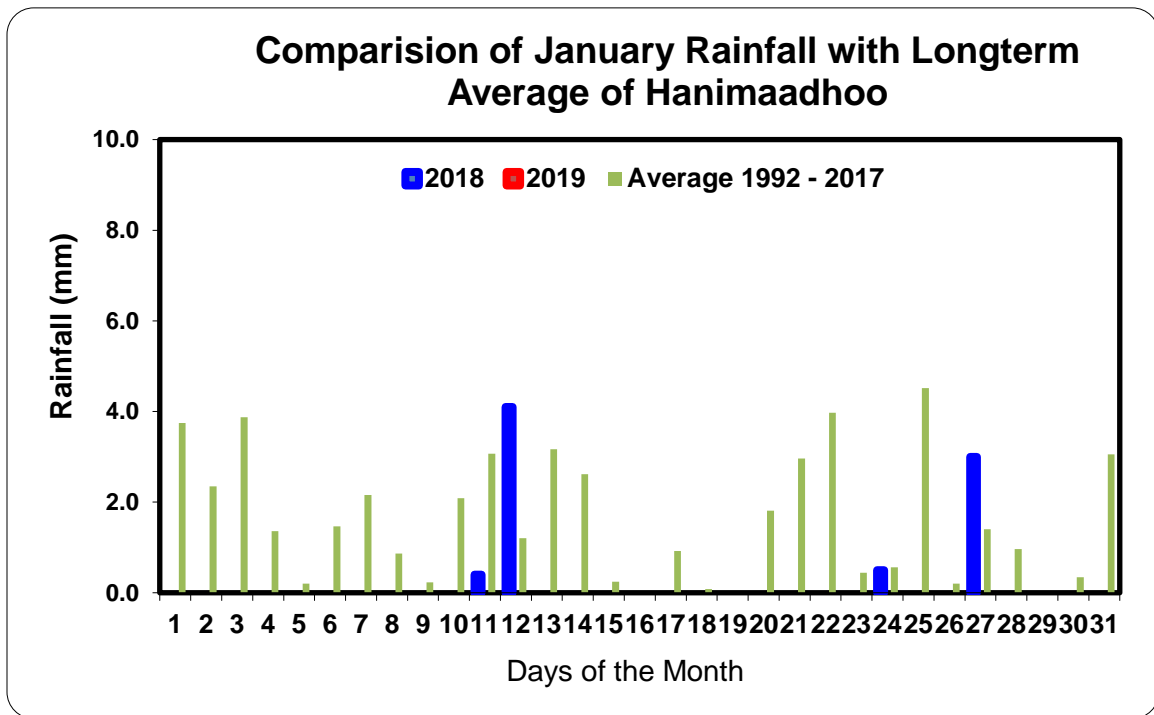
Climate Section
 Maldives Meteorological Service
 Hulhule

Climate Conditions in January 2019

Date: 10th February 2019

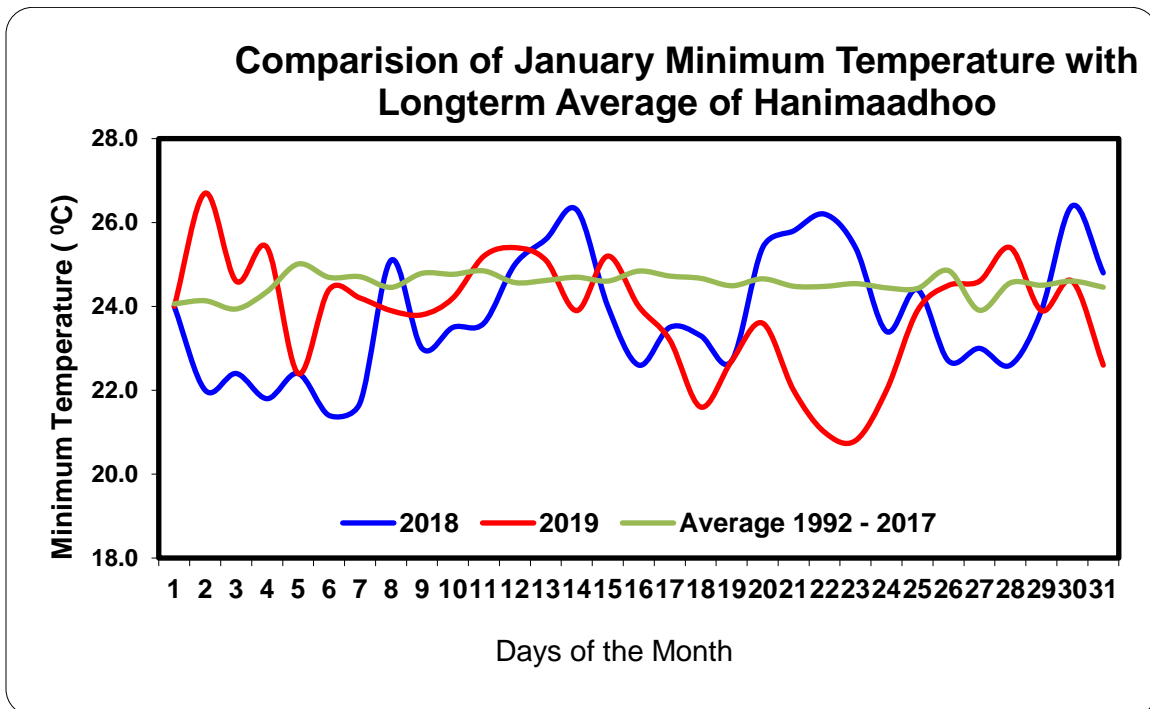
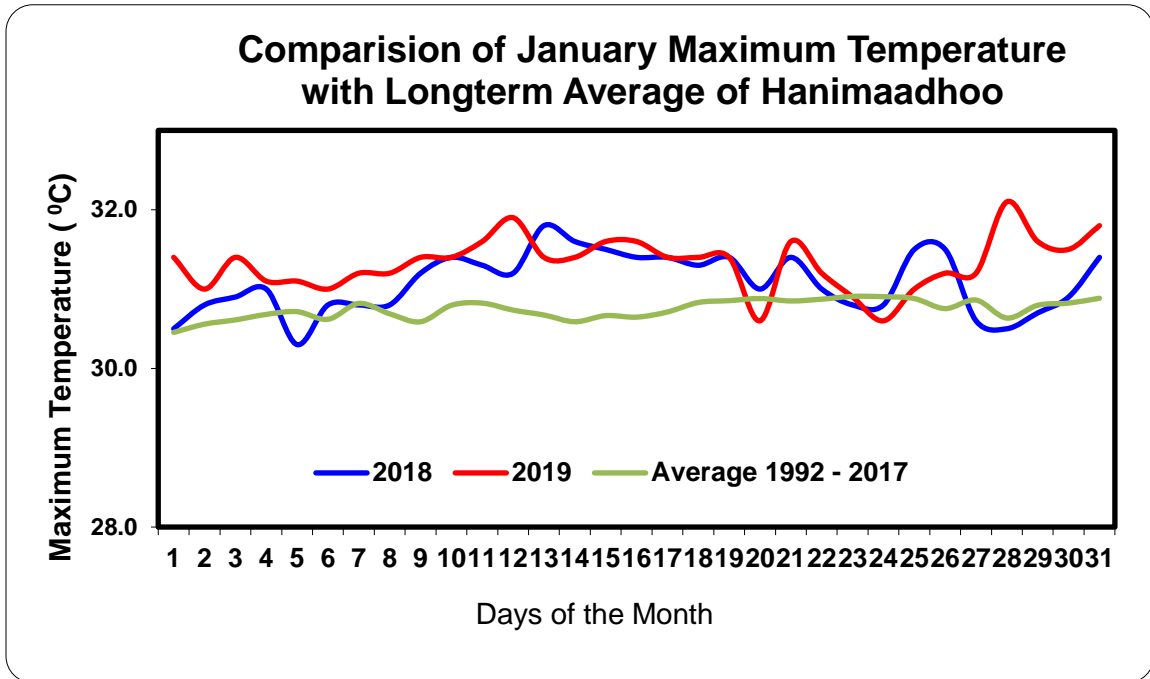
North

Last January, northern part of the country has not received rainfall. The rainfall received in January 2018 was 8 mm more than that of last January. Figure below shows daily total rainfall (2018 and 2019) and daily average rainfall for the Month of January for northern part of Maldives.



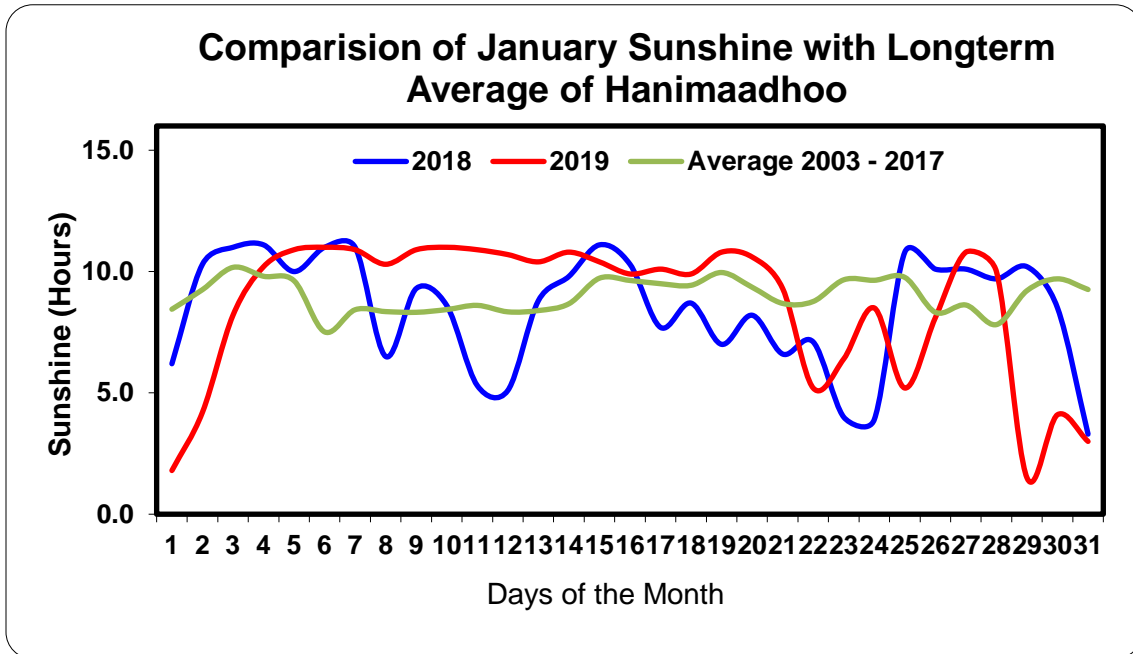
The highest temperature recorded in northern part of the Maldives last January was 32 degree Celsius, which was recorded on 28th. The minimum temperature recorded in the same area for the last month was 21 degree Celsius and was recorded on 23rd of January. However, the highest temperature recorded in January 2018 in northern part of the country was 32 degree Celsius, which was recorded on the 13th. Furthermore, the minimum temperature recorded in northern part in January 2018 was 21 degree Celsius, recorded on

the 06^h. Figure below shows daily maximum and minimum temperature (2018 and 2019) and average maximum and minimum temperature for the Month of January for northern part of Maldives.

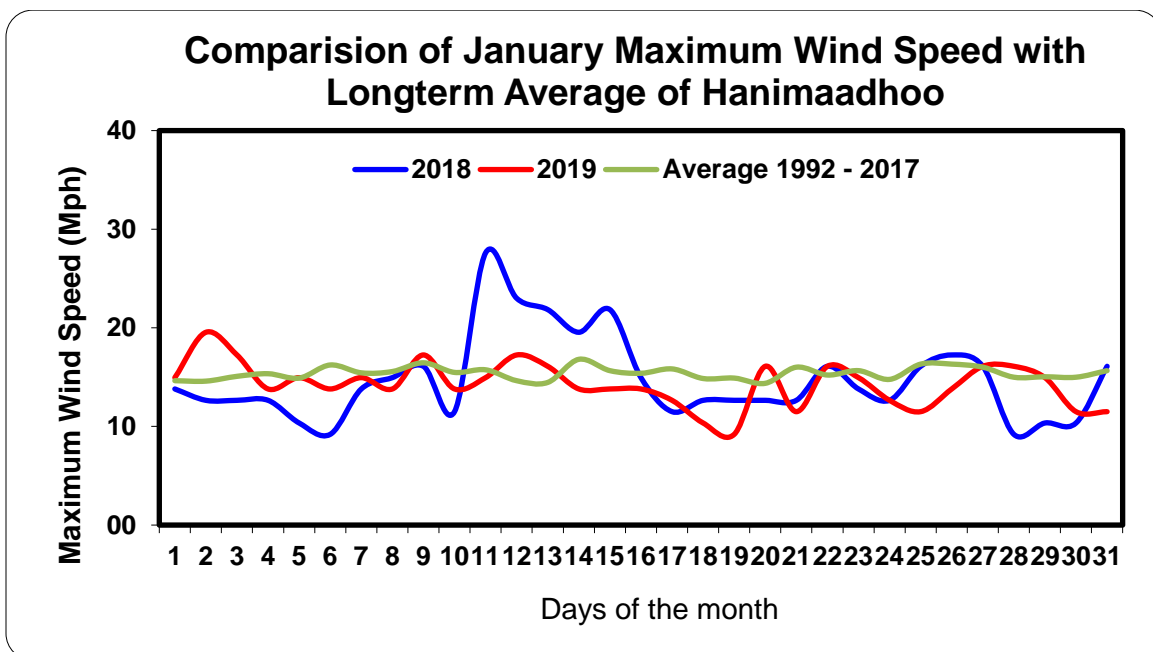


Northern part of the country received sunshine for 31 days last January, which amounts to 285 hours 54 minutes. Furthermore, in January 2018 northern part of the country received

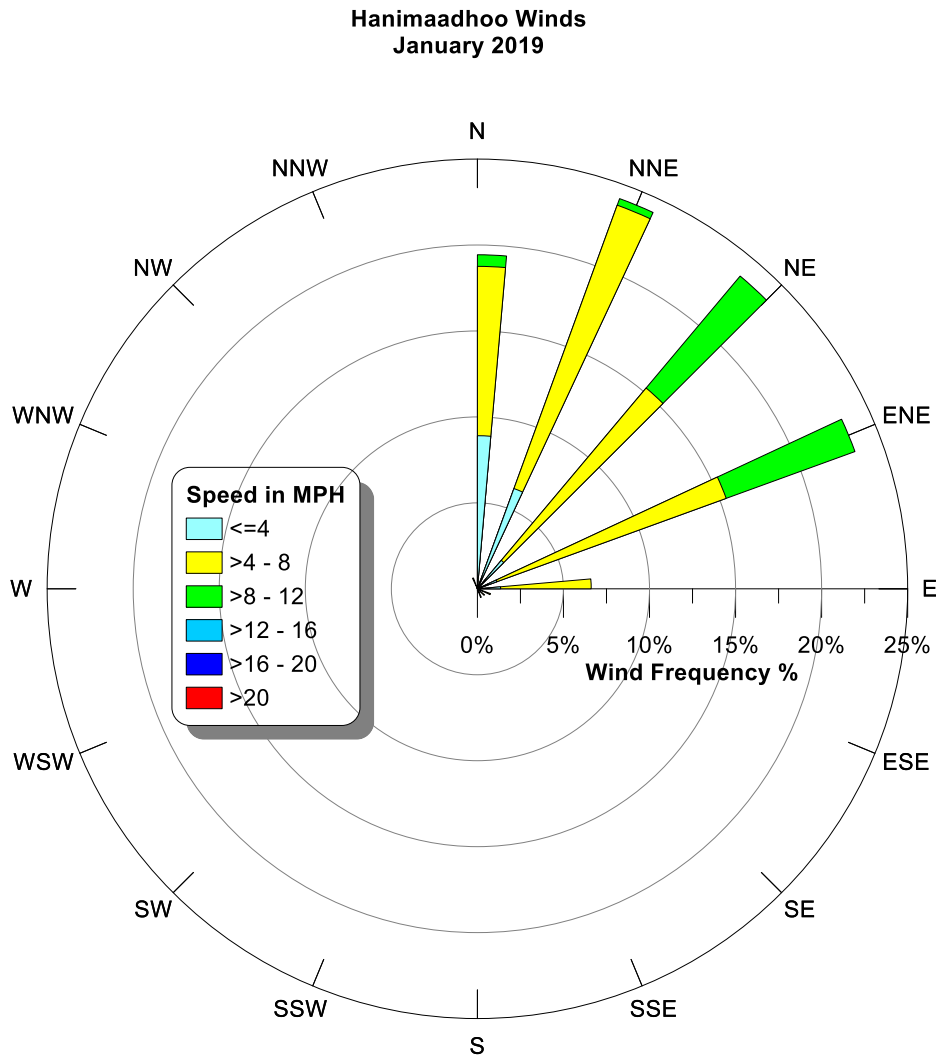
sunshine for 31 days, which amounts to 261 hours 18 minutes. Figure below shows daily sunshine (2018 and 2019) and daily average sunshine for the Month of January for northern part of Maldives.



Last January, the maximum wind speed in the northern part was experienced on the 02nd at 23:48 hours from *east-north-east* at a speed of 20 mph. Furthermore, the maximum wind speed in the northern part in January 2018 was recorded on 11th at 17:01 hours from *east-north-east* at a speed of 23 mph. Figure below shows daily maximum wind speed (2018 and 2019) and daily average maximum wind speed for the Month of January for northern part of Maldives.



Below is wind frequency chart (Wind rose) of Hanimaadhoo for January 2019.

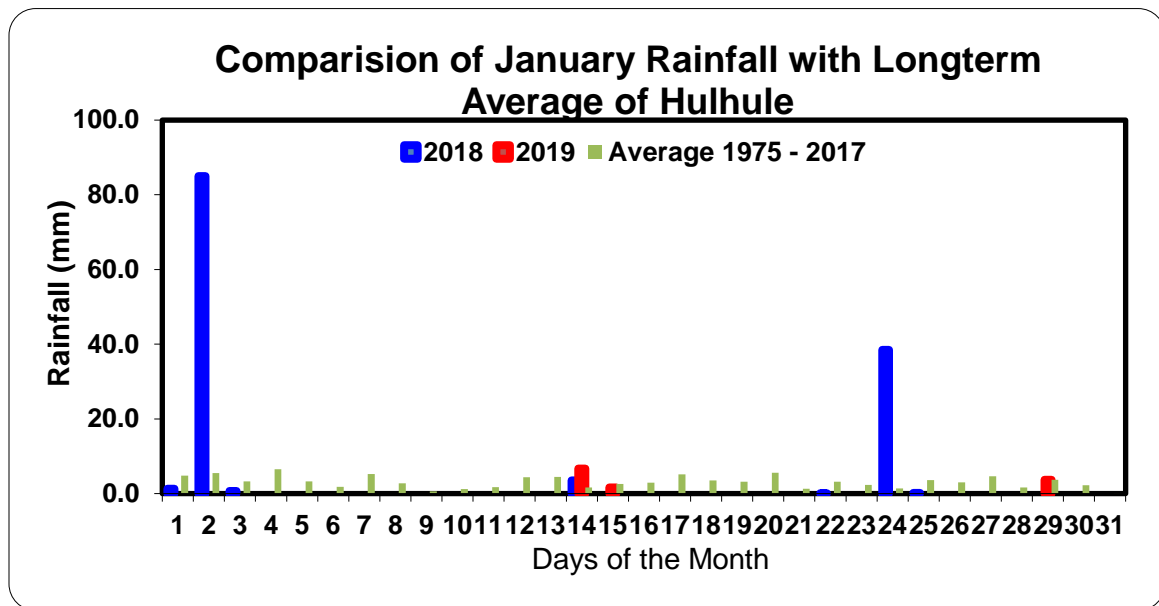


This is the wind rose for Hanimaadhoo based on hourly wind data of the month January 2019. This rose shows that the winds at Hanimaadhoo during the period blow from the *north-north-east*, *north-east* and *east-north-east* much of the time. In fact, the spokes in the directions *north* comprise about 19% of all hourly wind directions. This also shows that the wind rarely blows from *east*.

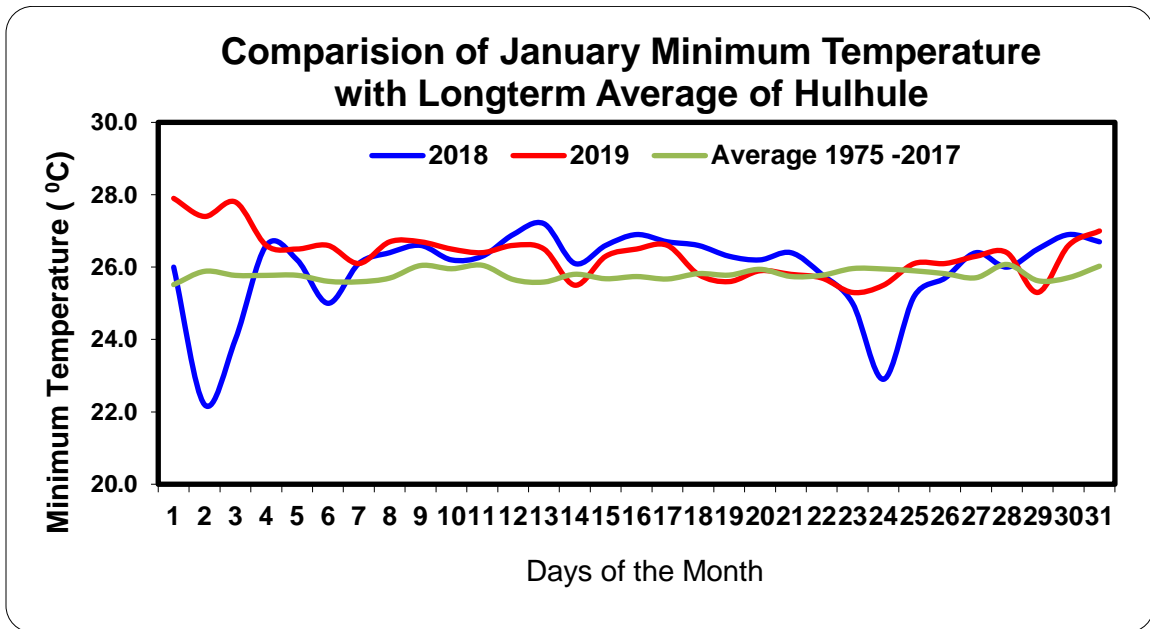
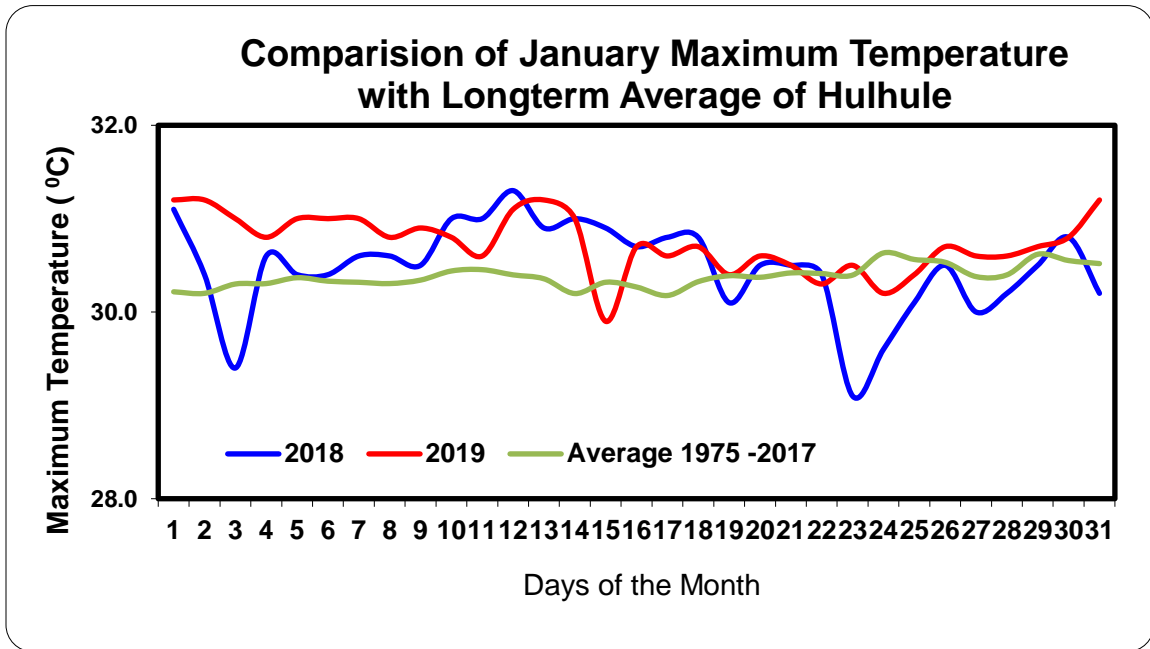
Highest maximum temperature recorded was 35.0 °C on 30 th April 2016
Lowest minimum temperature recorded was 18.2 °C on 23 rd December 2002
Highest wind recorded was 87.4 Miles from NNW on 03 rd January 1991
Highest rainfall within 24hrs recorded was 146.9 mm on 26 th May 2008

Central part

Last January, central part of the country received a total rainfall of 12 mm. The highest rainfall within 24 hours was recorded on the 14th and amounts to 7 mm of rainfall. The rainfall received in January 2018 was 117 mm more than that of last January. Figure below shows daily total rainfall (2018 and 2019) and daily average rainfall for the Month of January for central part of Maldives.

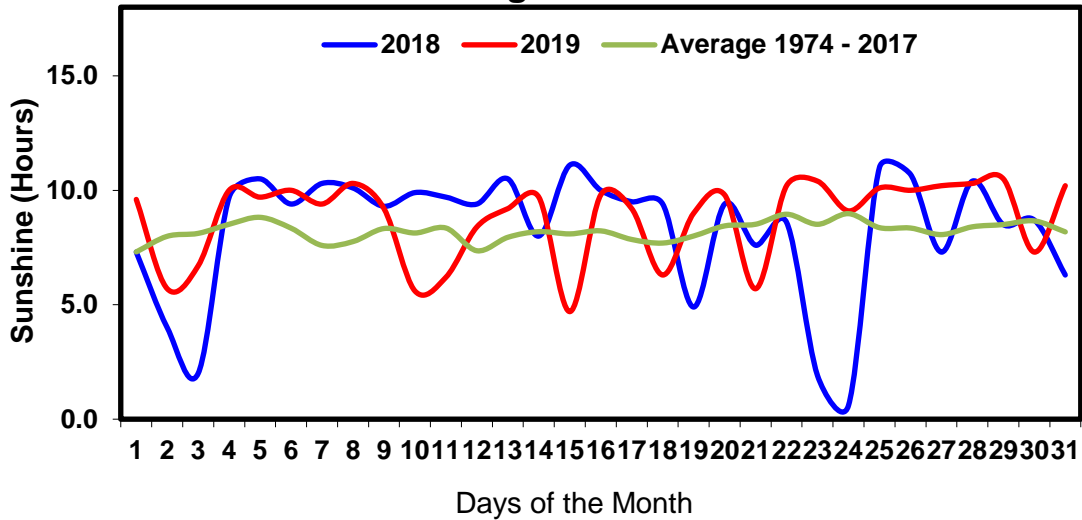


The highest temperature recorded in central part of the Maldives last January was 31 degree Celsius, which was recorded on the 1,2,13th and 31st. The minimum temperature recorded in the same area for the last month was 25 degree Celsius and was recorded on the 23rd and 29th of January. On the other hand, the highest temperature recorded in January 2018 in central part of the country was 31 degree Celsius, which was recorded on the 12th. Furthermore, the minimum temperature recorded in the central part in January 2018 was 22 degree Celsius, recorded on the 02nd. Figure below shows daily maximum and minimum temperature (2018 and 2019) and average maximum and minimum temperature for the Month of January for central part of Maldives.



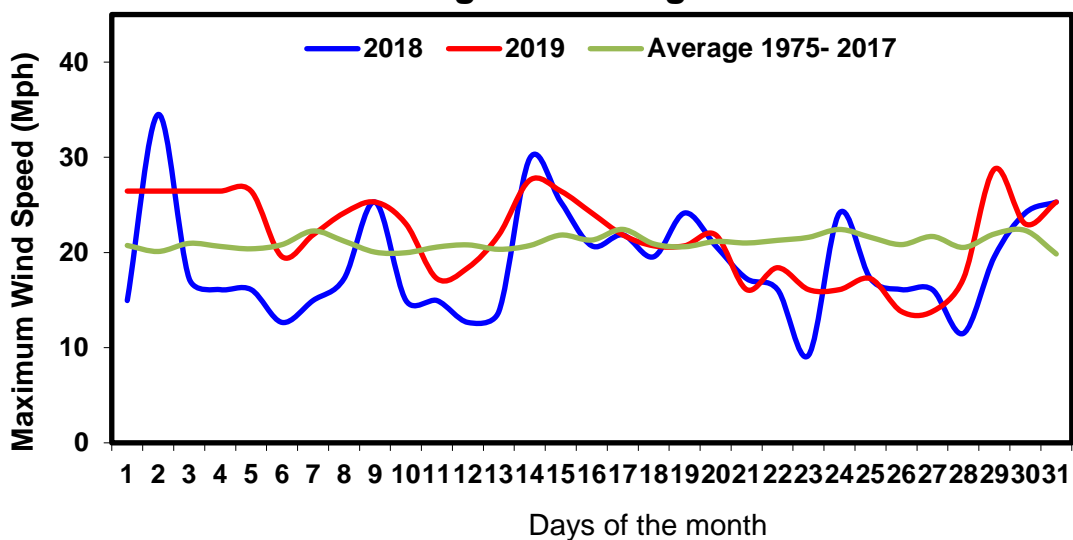
Central part of the country received sunshine for 31 days last January, which amounts to 272 hours 30 minutes. Furthermore, in January 2018 central part of the country received sunshine for 31 days, which amounts to 256 hours. Figure below shows daily sunshine (2018 and 2019) and daily average sunshine for the Month of January for central part of Maldives.

Comparison of January Sunshine with Longterm Average of Hulhule

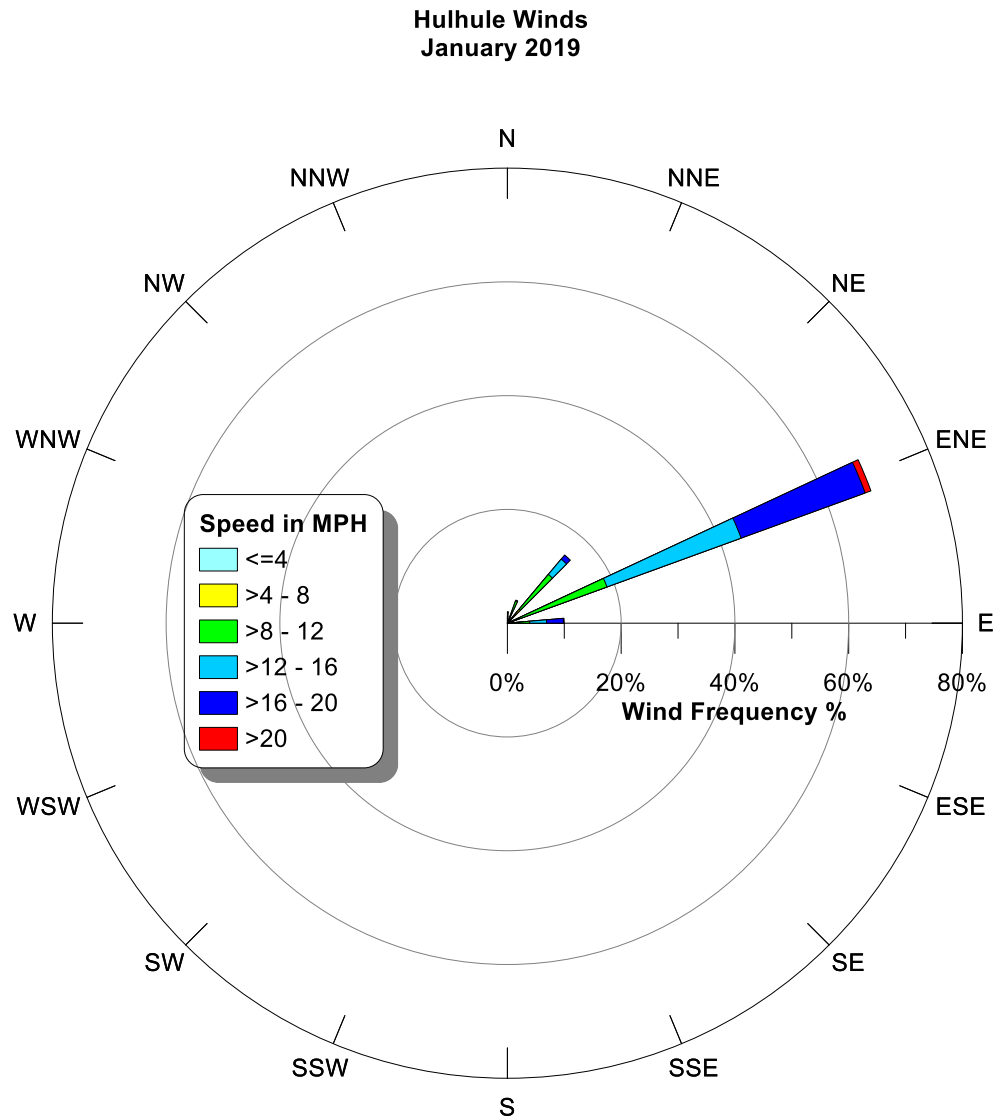


Last January, the maximum wind speed in Central part of the country was experienced on the 29th at 23:34 hours from *east-north-east* at a speed of 29 mph. However, the maximum wind speed in central part in January 2018 was recorded on the 03rd at 04:10 hours at a speed of 28 mph from *west*. Figure below shows daily maximum wind speed (2018 and 2019) and daily average maximum wind speed for the Month of January for central part of Maldives.

Comparison of January Maximum Wind Speed with Longterm Average of Hulhule



Below is wind frequency chart (Wind rose) of Hulhule for January 2019.

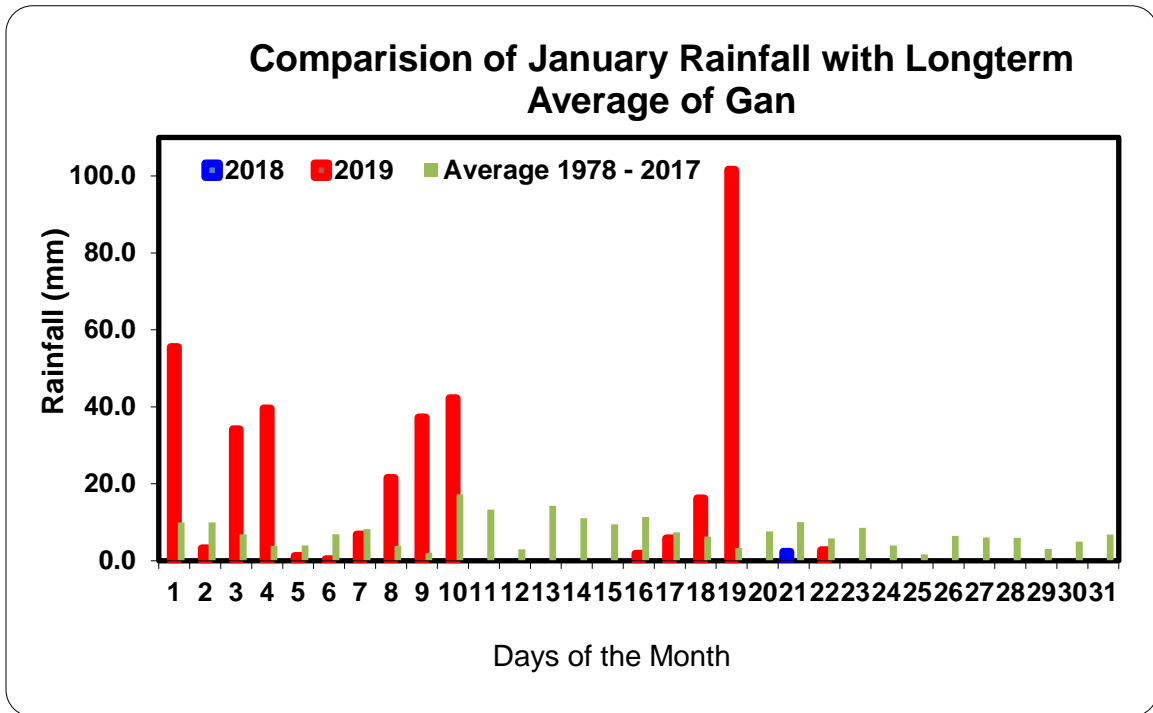


This is the wind rose for Hulhule based on hourly wind data of the month January 2019. This rose shows that the winds at Hulhule during the period blow from the *east-north-east* much of the time. This also shows that the wind rarely blows from *north-east*.

Highest maximum temperature recorded was 34.1 °C on 16 th and 28 th April 1973
Lowest minimum temperature recorded was 19.0 °C on 23 rd November 1984
Highest wind recorded was 71.3 Miles from W on 03 rd November 1978
Highest rainfall within 24hrs recorded was 175.9 mm on 23 rd December 1977 (Hulhule)
Highest rainfall within 24hrs recorded was 200.0 mm on 11 th December 1998 (Male')

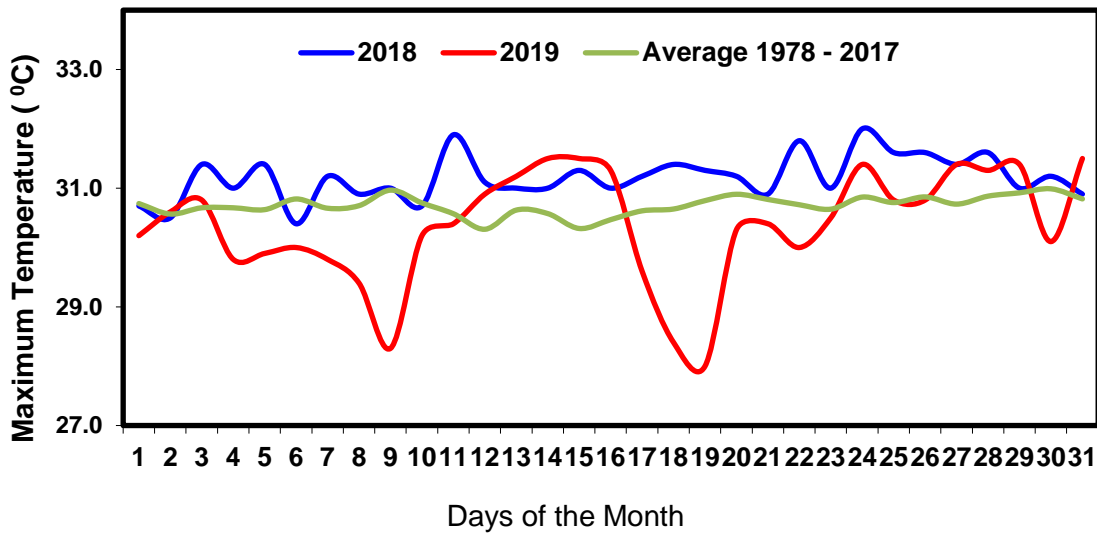
South

Last January, southern part of the country received a total rainfall of 370 mm. The highest rainfall within 24 hours was recorded on the 19th and amounts to 102 mm of rainfall. The rainfall received in January 2018 was 368 mm less than that of last January. Figure below shows daily total rainfall (2018 and 2019) and daily average rainfall for the Month of January for southern part of Maldives.

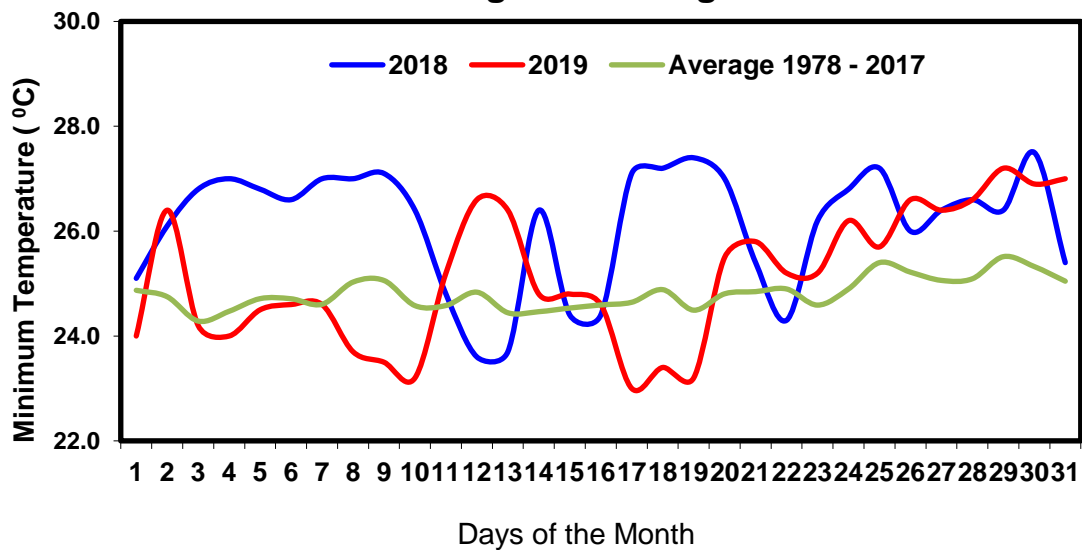


The highest temperature recorded in southern part of the Maldives last January was 32 degree Celsius, which was recorded on the 14,15th and 31st. The minimum temperature recorded in the same area for the last month was 23 degree Celsius and was recorded on the 17th of January. However, the highest temperature recorded in January 2018 in southern parts of the country was 32 degree Celsius, which was recorded on the 24th. Furthermore, the minimum temperature recorded in south in January 2018 was 24 degree Celsius, recorded on the 12th. Figure below shows daily maximum and minimum temperature (2018 and 2019) and average maximum and minimum temperature for the Month of January for southern part of Maldives.

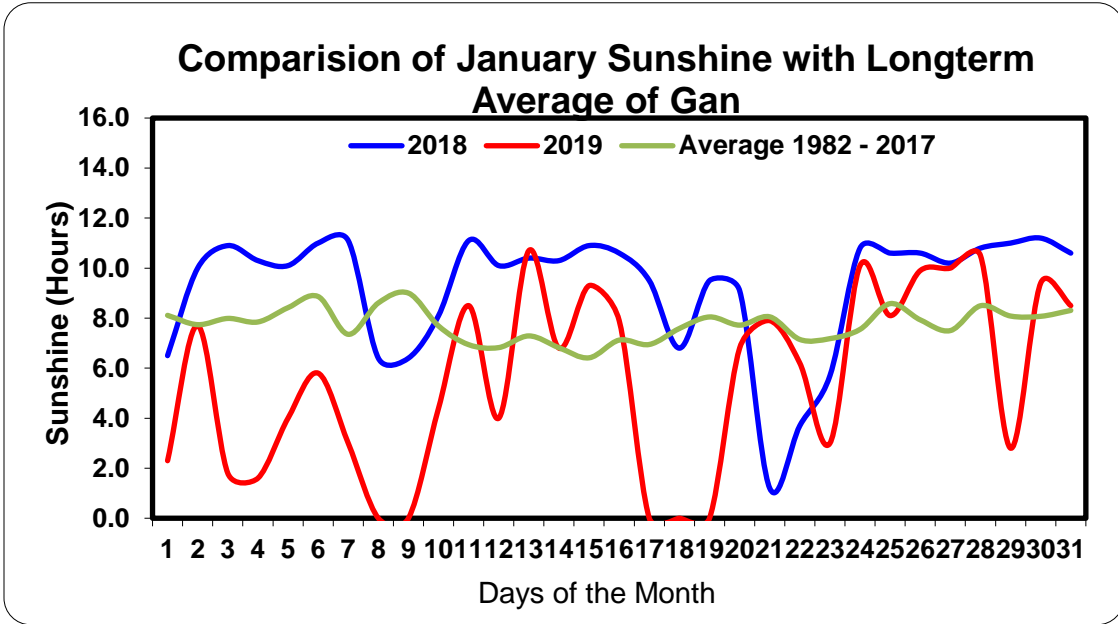
Comparison of January Maximum Temperature with Longterm Average of Gan



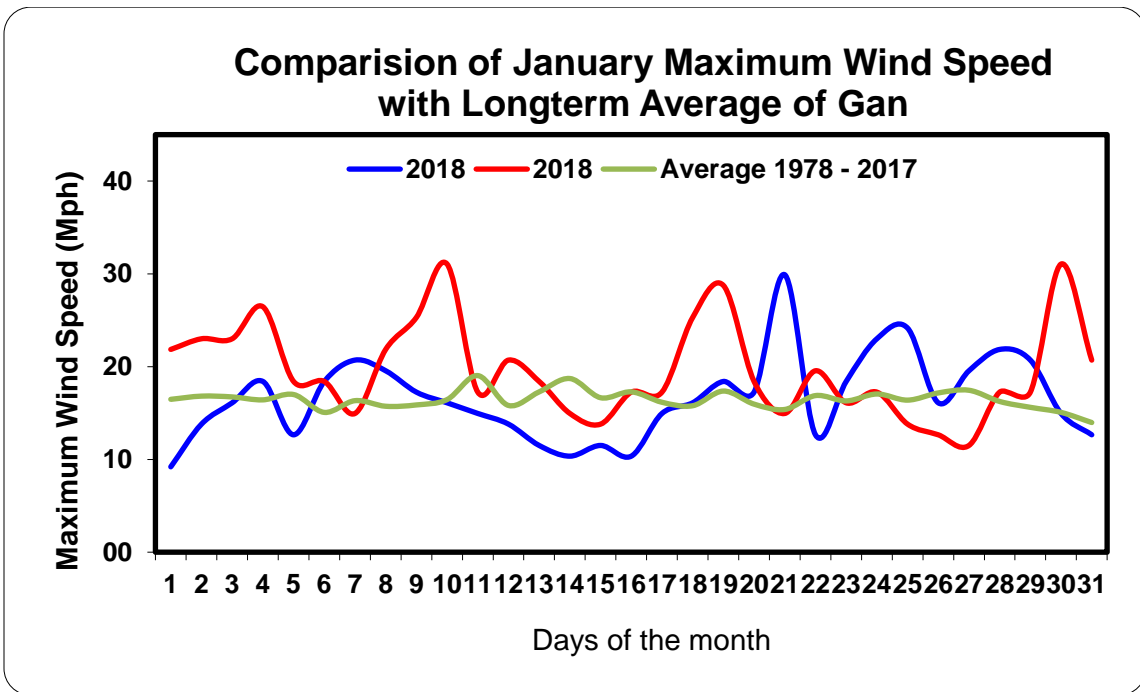
Comparison of January Minimum Temperature with Longterm Average of Gan



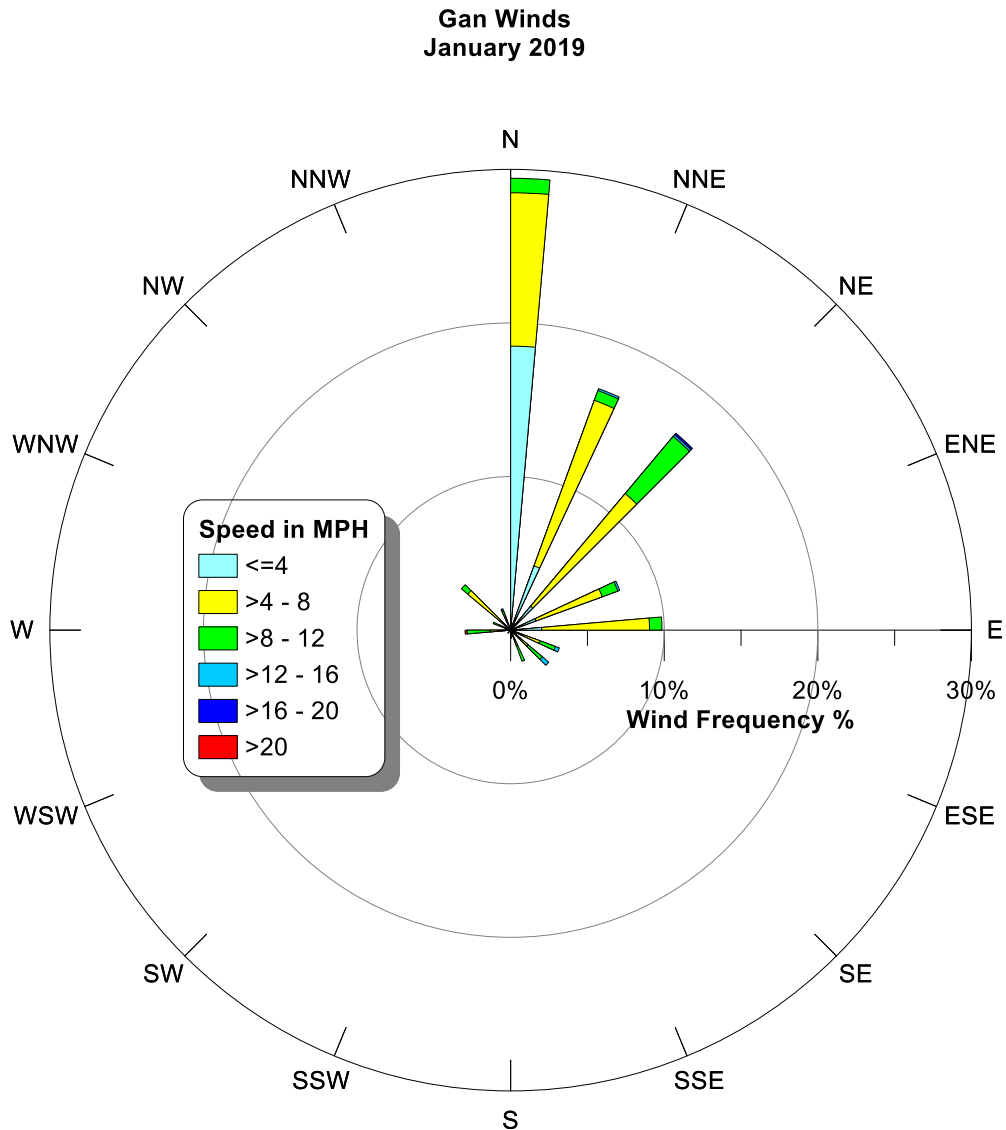
Southern part of the country received sunshine for 31 days last January, which amounts to 285 hours and 30 minutes. Furthermore, in January 2018 southern part of the country received sunshine for 31 days, which amounts to 258 hours 24 minutes. Figure below shows daily sunshine (2018 and 2019) and daily average sunshine for the Month of January for southern part of Maldives.



Last January, the maximum wind speed in south was experienced on the 10th at 05:13 hours from *east* and on the 30th at 16:43 hours from *north-east* at a speed of 31 mph. However, the maximum wind speed in southern atolls in January 2018 was recorded on the 21st at 11:20 hours at a speed of 30 mph from *south-west*. Figure below shows daily maximum wind speed (2018 and 2019) and daily average maximum wind speed for the Month of January for southern part of Maldives.



Below is wind frequency chart (Wind rose) of Gan for January 2019.



This is the wind rose for Gan based on hourly wind data of the month January 2019. This rose shows that the winds at Gan during the period blow from the *north* much of the time. In fact, the spokes in the directions *north-north-east* and *north-east* comprise about 34% of all hourly wind directions. This also shows that the wind rarely blows from other directions.

Highest maximum temperature recorded was 33.6 °C on 17 th April 1998
Lowest minimum temperature recorded was 19.7 °C on 24 th March 1986
Highest wind recorded was 103.5 Miles from SW on 29 th May 1991
Highest rainfall within 24hrs recorded was 228.4 mm on 24 th November 2016