



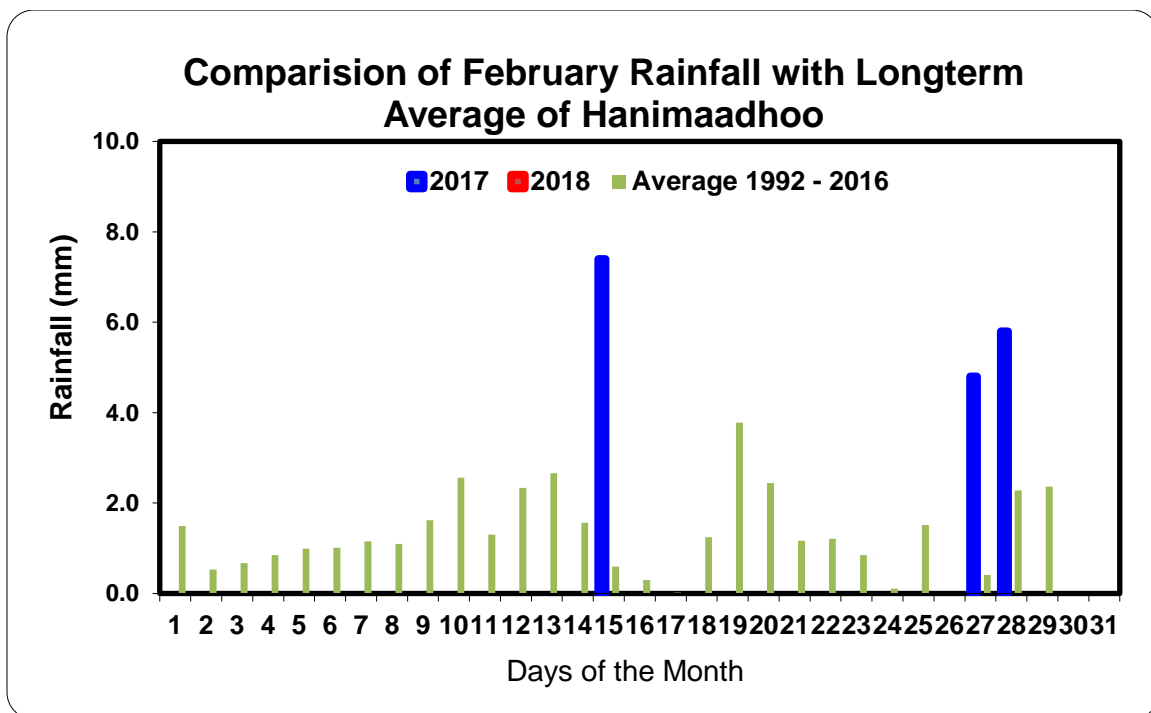
Climate Section  
Maldives Meteorological Service  
Hulhule

## Climate Conditions in February 2018

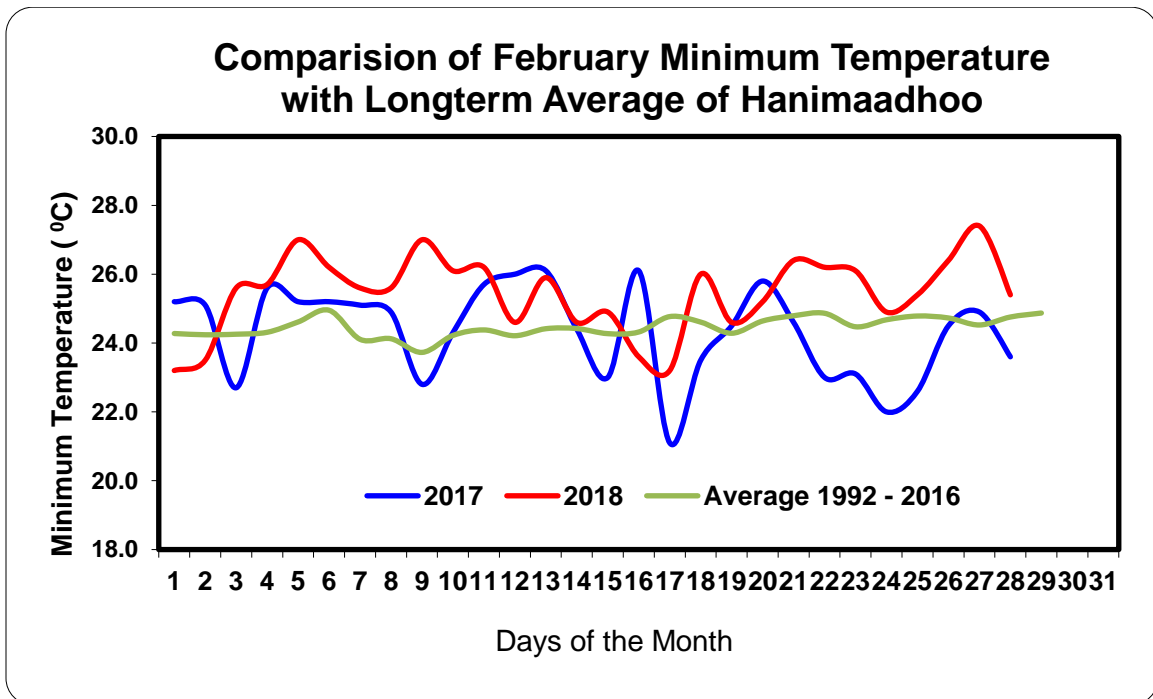
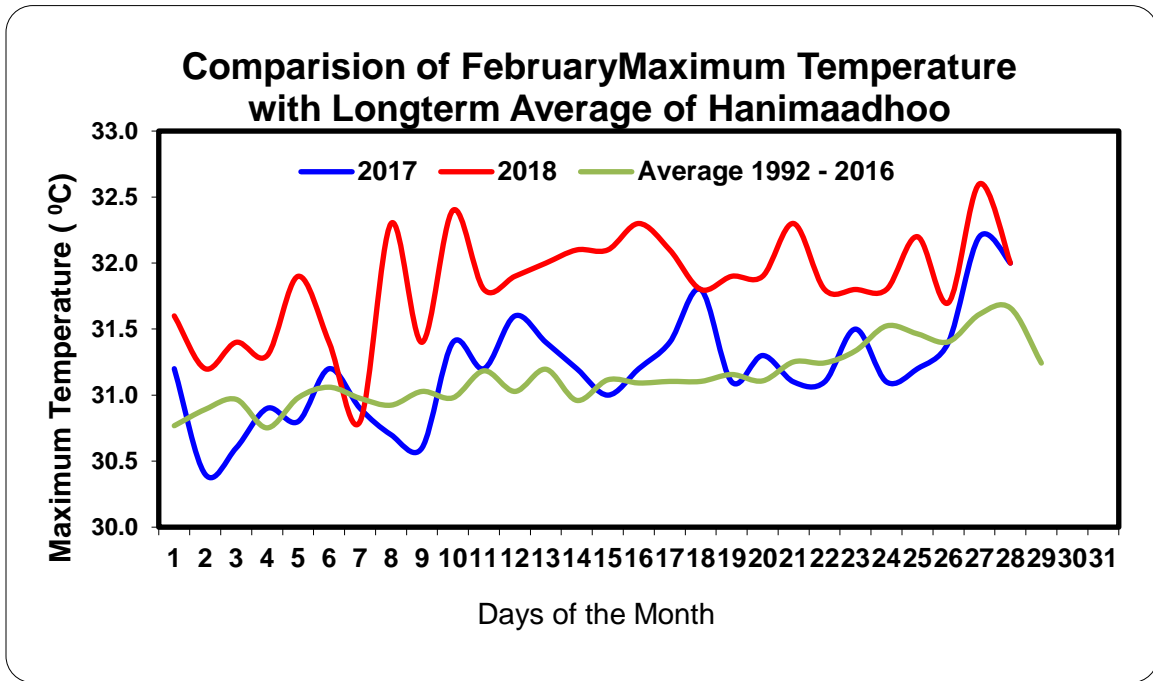
Date: 08<sup>th</sup> March 2018

### North

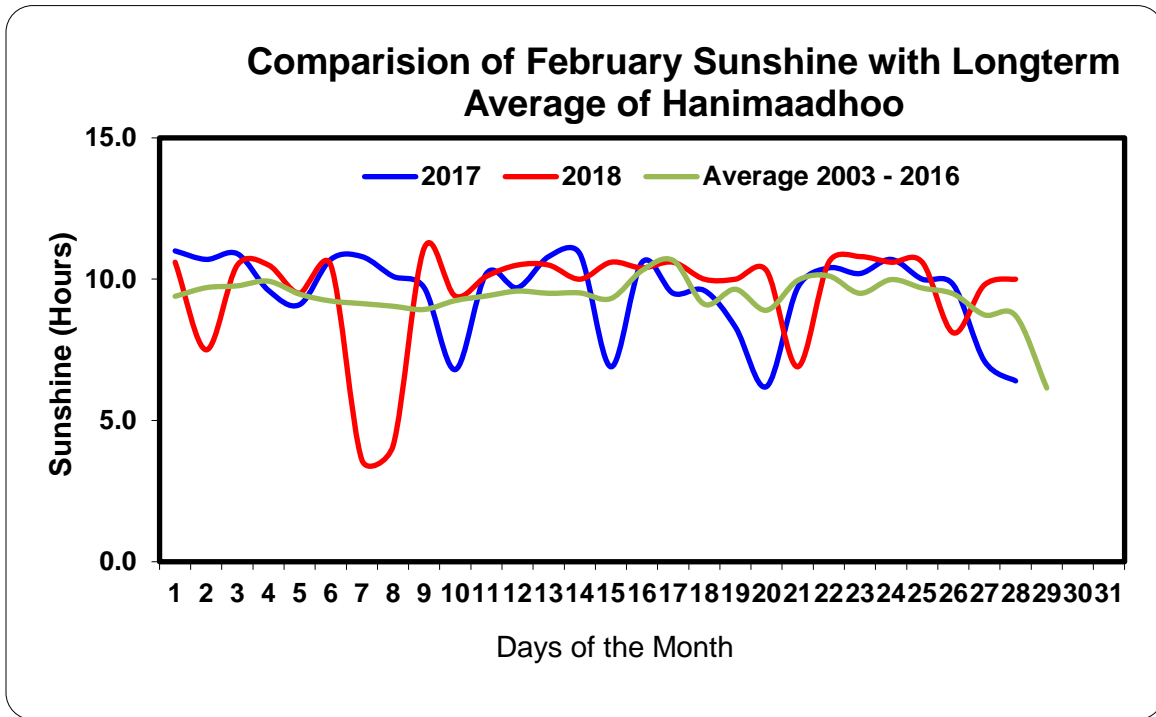
Last February, northern part of the country has no rainfall. The rainfall received in February 2017 was 18 mm. Figure below shows daily total rainfall (2017 and 2018) and daily average rainfall for the Month of February for northern part of Maldives.



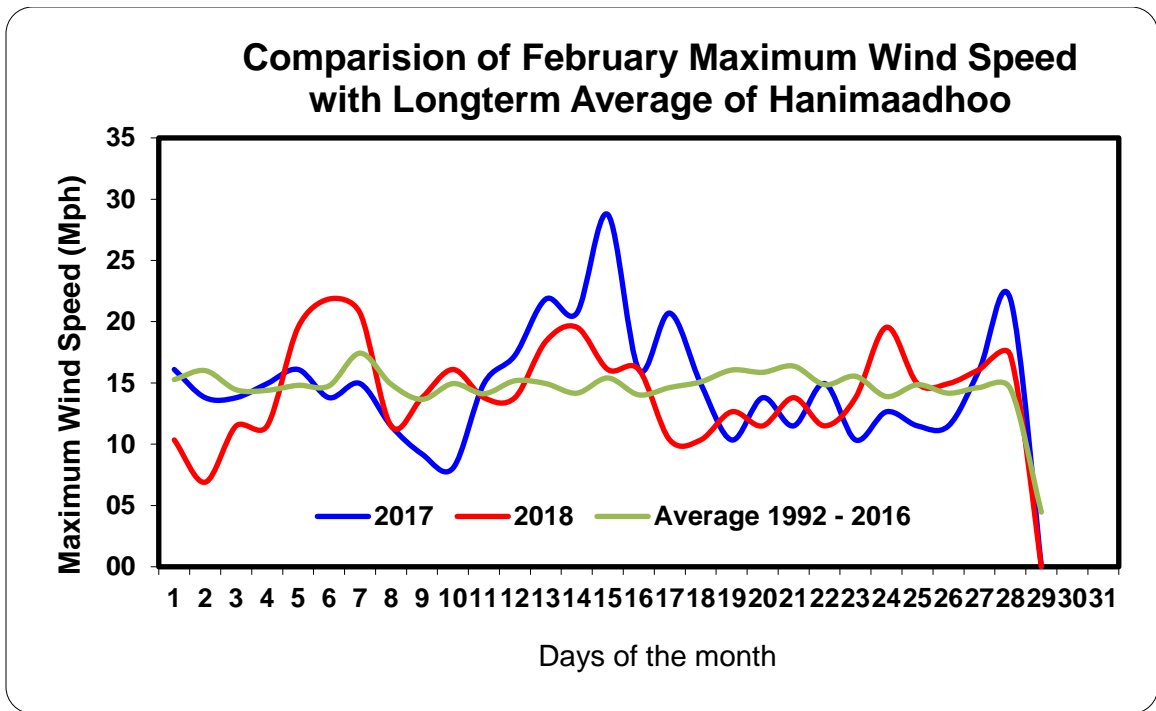
The highest temperature recorded in northern part of the Maldives last February was 33 degree Celsius, which was recorded on 27<sup>th</sup>. The minimum temperature recorded in the same area for the last month was 23 degree Celsius and was recorded on 1<sup>st</sup> and 17<sup>th</sup>.of February. However, the highest temperature recorded in February 2017 in northern part of the country was 32 degree Celsius, which was recorded on the 27<sup>th</sup>. Furthermore, the minimum temperature recorded in northern part in February 2017 was 21 degree Celsius, recorded on the 17<sup>th</sup>. Figure below shows daily maximum and minimum temperature (2017 and 2018) and average maximum and minimum temperature for the Month of February for northern part of Maldives.



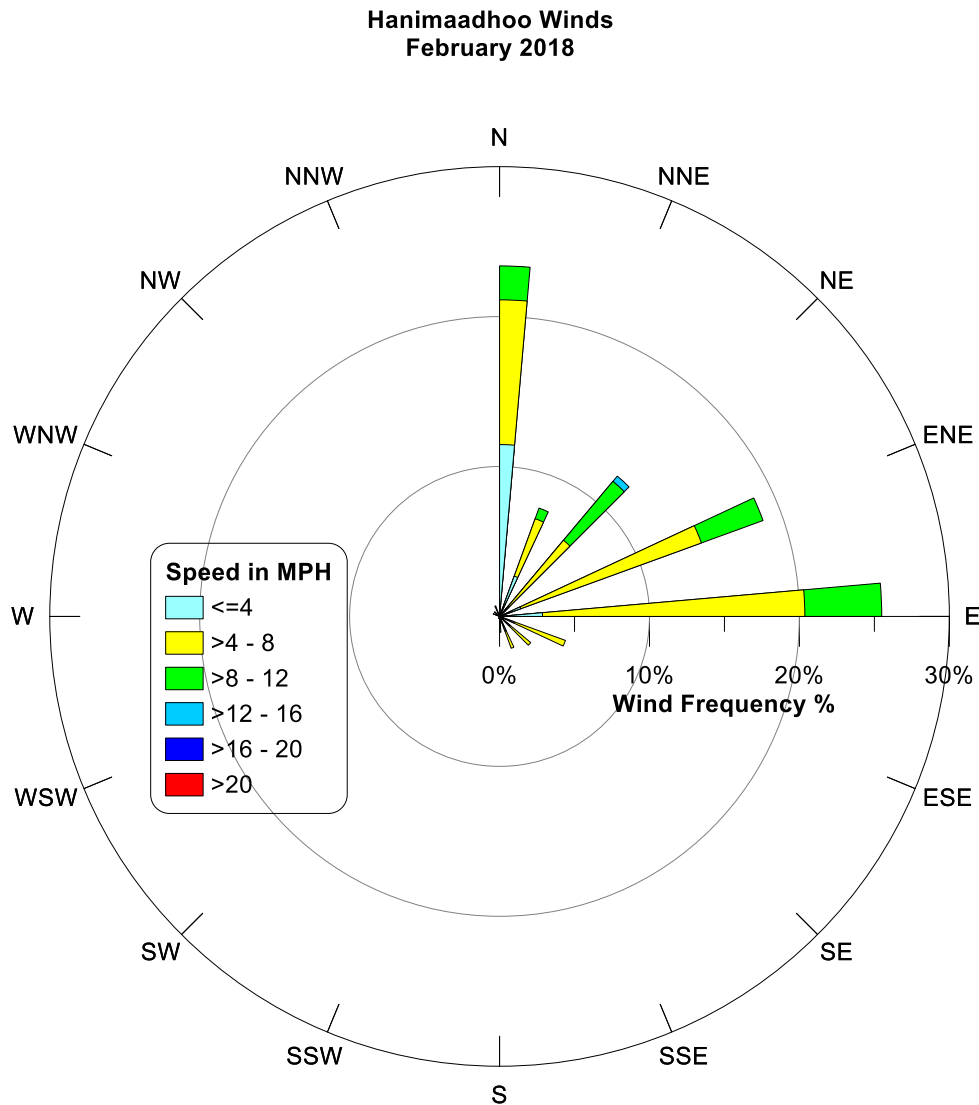
Northern part of the country received sunshine for 28 days last February, which amounts to 267 hours 42 minutes. Furthermore, in February 2017 northern part of the country received sunshine for 28 days, which amounts to 266 hours 24 minutes. Figure below shows daily sunshine (2017 and 2018) and daily average sunshine for the Month of February for northern part of Maldives.



Last February, the maximum wind speed in the northern part was experienced on the 6<sup>th</sup> at 11:15 hours from *east* at a speed of 22 mph. Furthermore, the maximum wind speed in the northern part in February 2017 was recorded on 15<sup>th</sup> at 13:37 hours from *north-east* at a speed of 29 mph. Figure below shows daily maximum wind speed (2017 and 2018) and daily average maximum wind speed for the Month of February for northern part of Maldives.



Below is wind frequency chart (Wind rose) of Hanimaadhoo for February 2018.

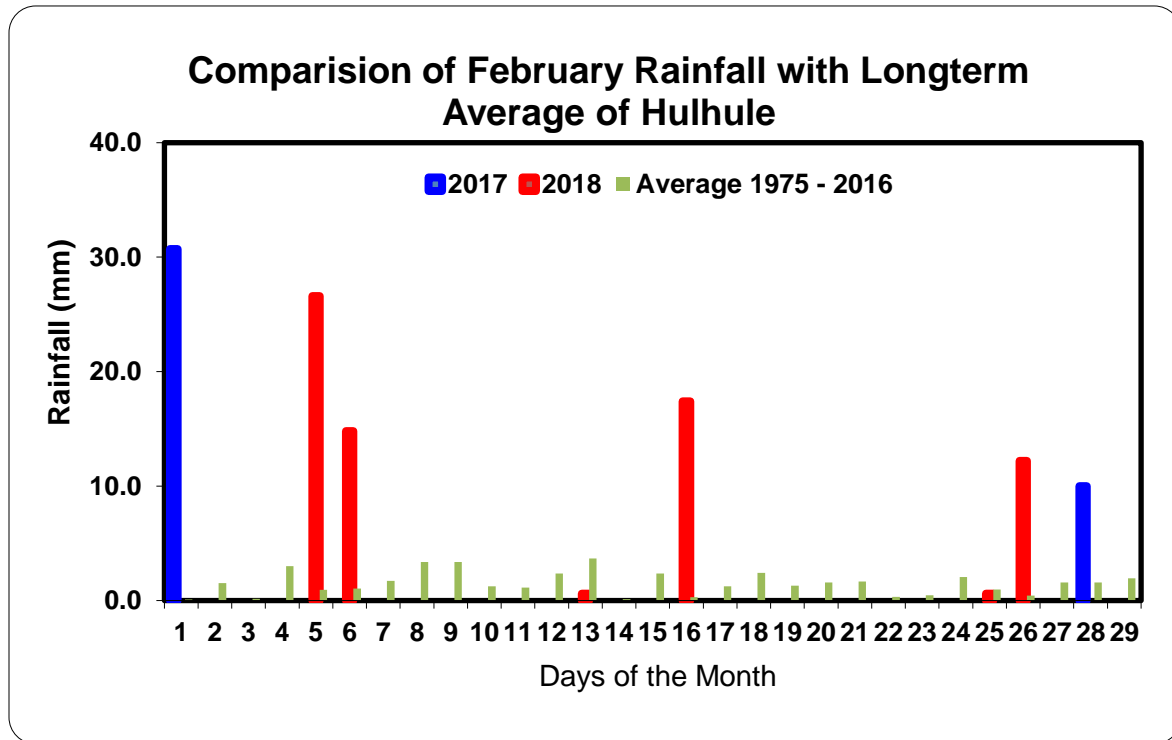


This is the wind rose for Hanimaadhoo based on hourly wind data of the month February 2018. This rose shows that the winds at Hanimaadhoo during the period blow from the *north* and *east* much of the time. In fact, the spokes in the directions *north-east* and *east-north-east* comprise about 31% of all hourly wind directions. This also shows that the wind rarely blows from different directions.

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

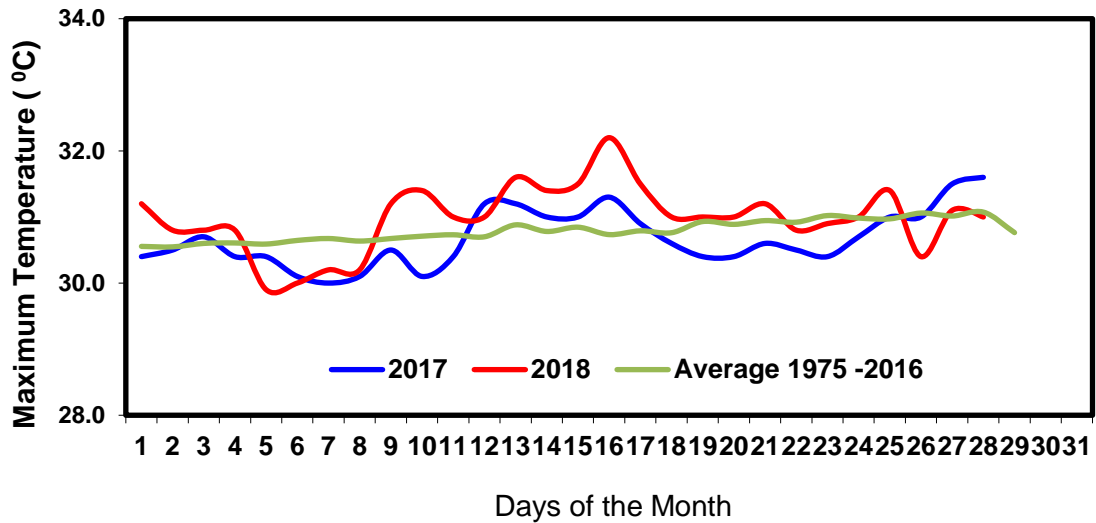
### Central part

Last February, central part of the country received a total rainfall of 72 mm. The highest rainfall within 24 hours was recorded on the 5<sup>th</sup> and amounts to 27 mm of rainfall. The rainfall received in February 2017 was 32 mm less than that of last February. Figure below shows daily total rainfall (2017 and 2018) and daily average rainfall for the Month of February for central part of Maldives.

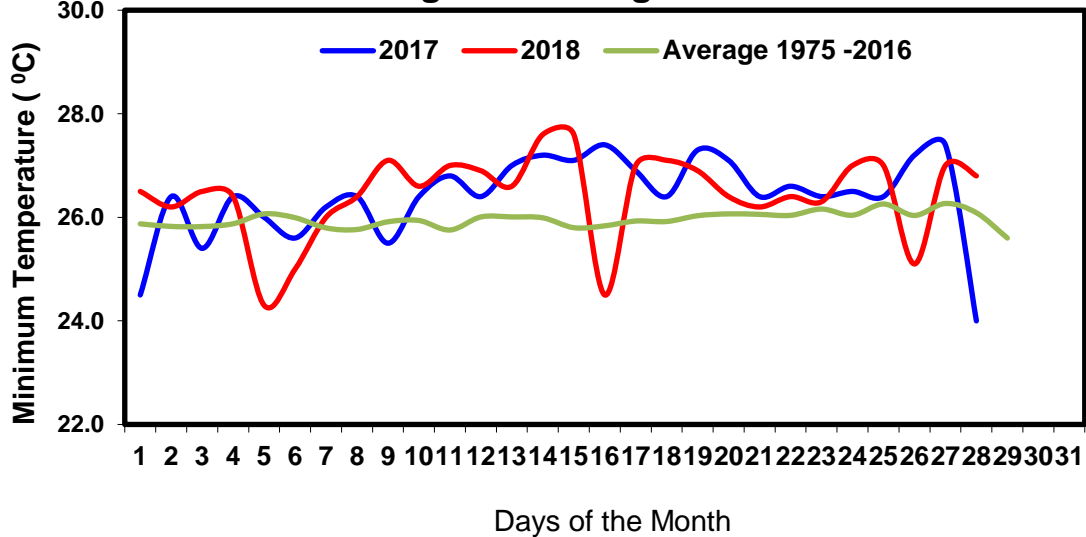


The highest temperature recorded in central part of the Maldives last February was 32 degree Celsius, which was recorded on the 16<sup>th</sup>. The minimum temperature recorded in the same area for the last month was 24 degree Celsius and was recorded on the 5<sup>th</sup> of February. On the other hand, the highest temperature recorded in February 2017 in central part of the country was 32 degree Celsius, which was recorded on the 28<sup>th</sup>. Furthermore, the minimum temperature recorded in the central part in February 2017 was 24 degree Celsius, recorded on the 28<sup>th</sup>. Figure below shows daily maximum and minimum temperature (2017 and 2018) and average maximum and minimum temperature for the Month of February for central part of Maldives.

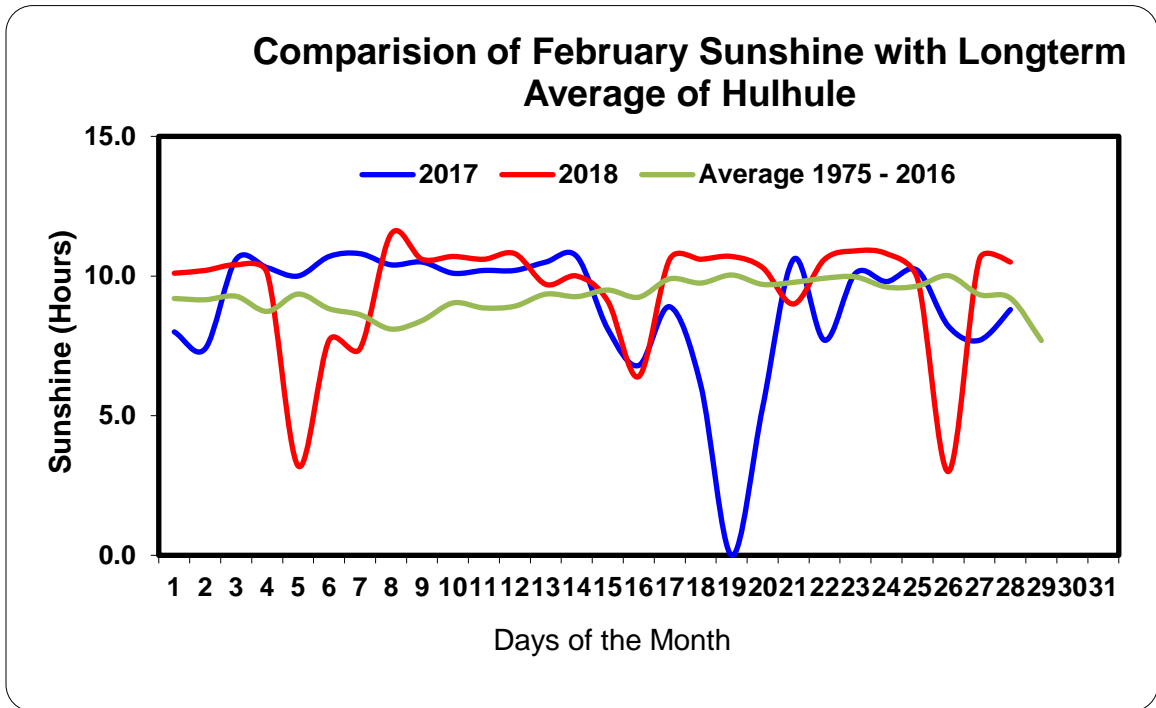
### Comparison of February Maximum Temperature with Longterm Average of Hulhule



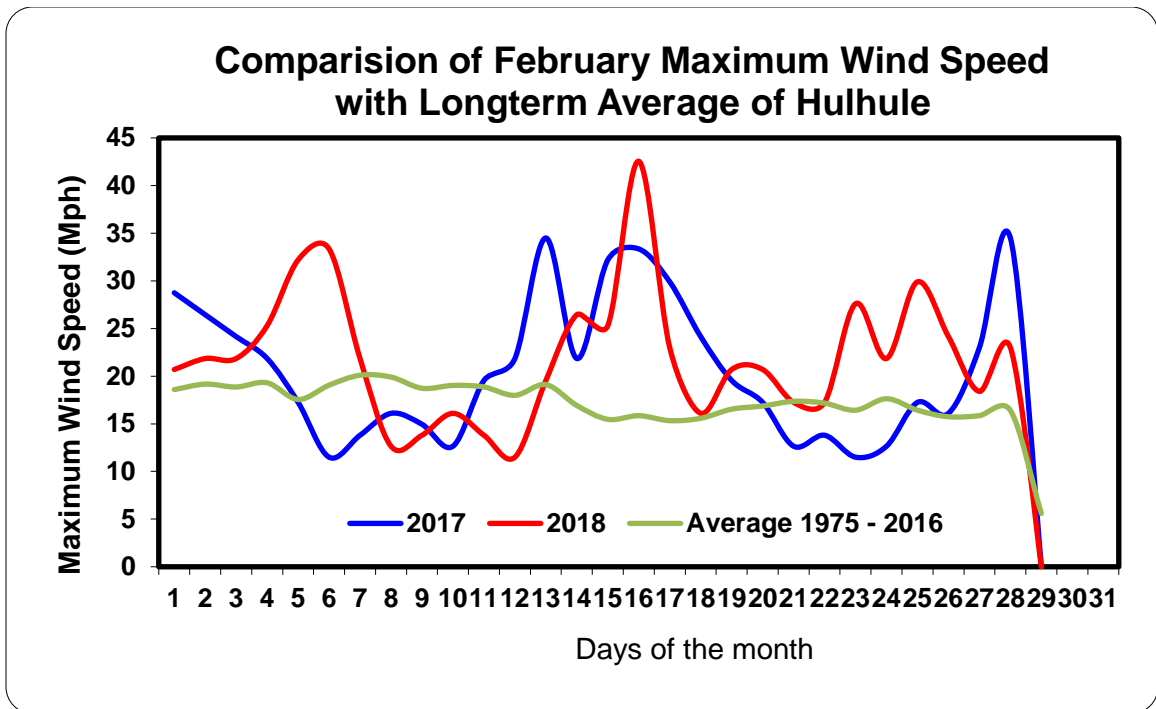
### Comparison of February Minimum Temperature with Longterm Average of Hulhule



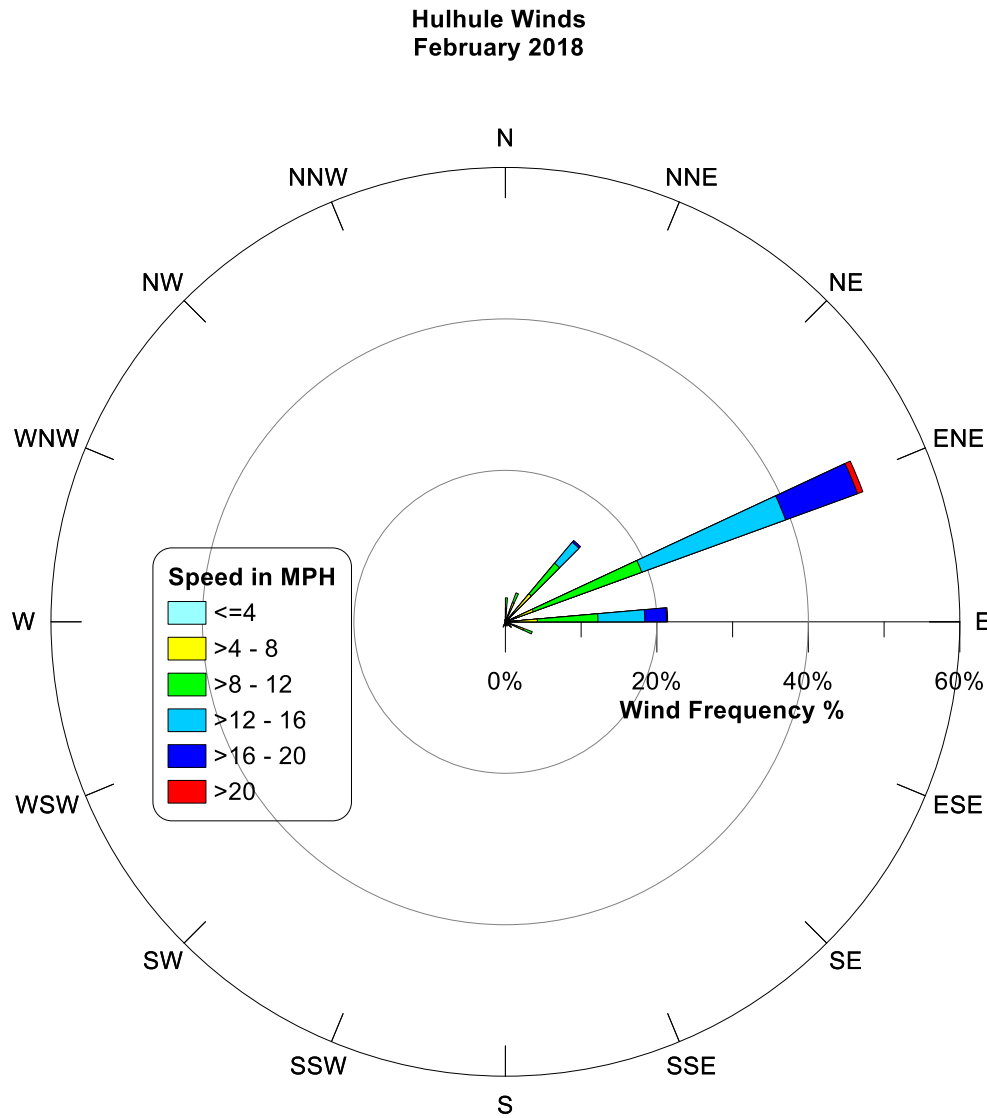
Central part of the country received sunshine for 28 days last February, which amounts to 266 hours. Furthermore, in February 2017 central part of the country received sunshine for 27 days, which amounts to 248 hours 42 minutes. Figure below shows daily sunshine (2017 and 2018) and daily average sunshine for the Month of February for central part of Maldives.



Last February, the maximum wind speed in Central part of the country was experienced on the 16<sup>th</sup> at 12:17 hours from *east* at a speed of 43 mph. However, the maximum wind speed in central part in February 2017 was recorded on the 13<sup>th</sup> at 13:47 hours at a speed of 35 mph from *east-north-east*. Figure below shows daily maximum wind speed (2017 and 2018) and daily average maximum wind speed for the Month of February for central part of Maldives.



Below is wind frequency chart (Wind rose) of Hulhule for February 2018.



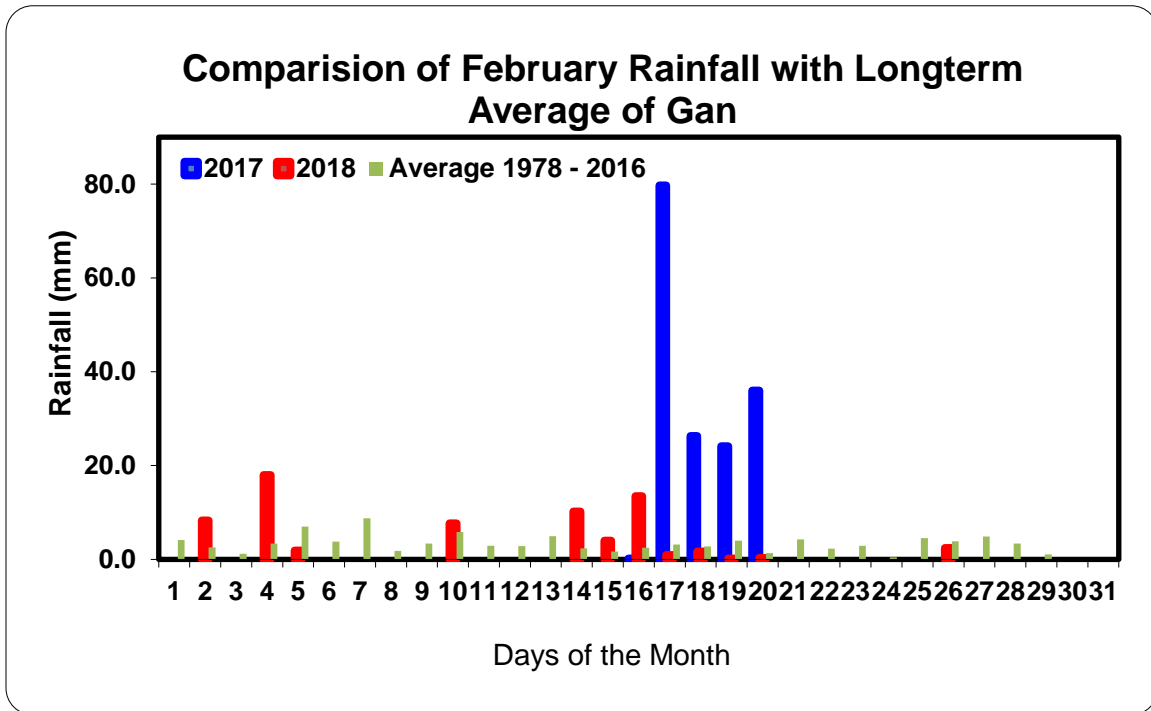
This is the wind rose for Hulhule based on hourly wind data of the month February 2018. This rose shows that the winds at Hulhule during the period blow from the *east-north-east* much of the time. In fact, the spokes in the directions *east* comprise about 21% of all hourly wind directions. This also shows that the wind rarely blows from different directions.

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



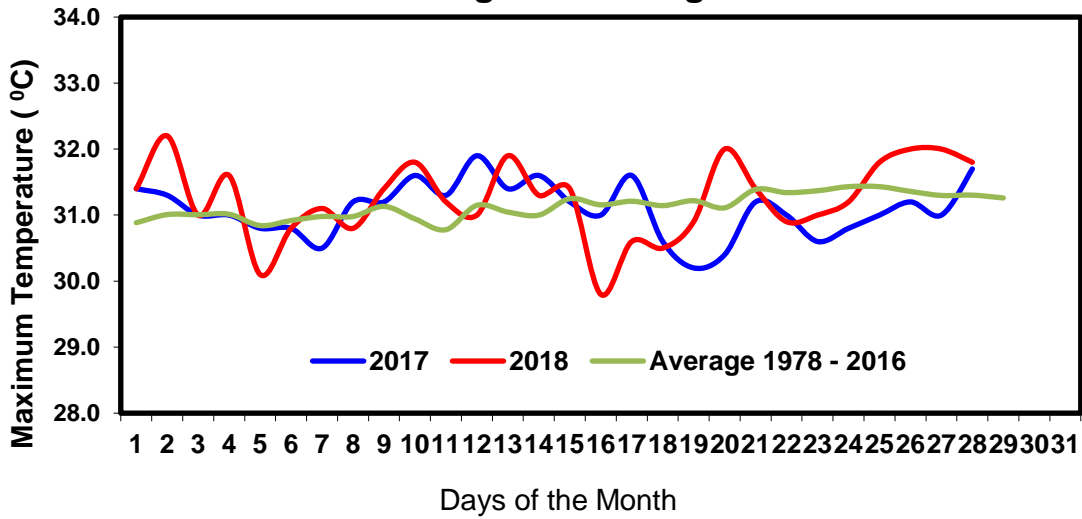
## South

Last February, southern part of the country received a total rainfall of 69 mm. The highest rainfall within 24 hours was recorded on the 4<sup>th</sup> and amounts to 18 mm of rainfall. The rainfall received in February 2017 was 97 mm more than that of last February. Figure below shows daily total rainfall (2017 and 2018) and daily average rainfall for the Month of February for southern part of Maldives.

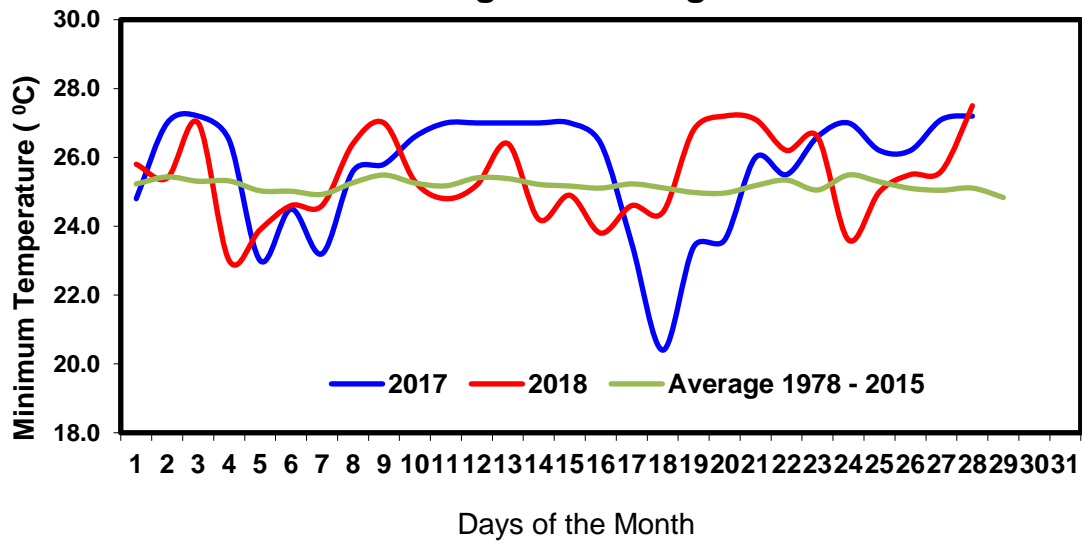


The highest temperature recorded in southern part of the Maldives last February was 32 degree Celsius, which was recorded on the 2<sup>nd</sup>. The minimum temperature recorded in the same area for the last month was 23 degree Celsius and was recorded on the 4<sup>th</sup> of February. However, the highest temperature recorded in February 2017 in southern parts of the country was 32 degree Celsius, which was recorded on the 12<sup>th</sup>. Furthermore, the minimum temperature recorded in south in February 2017 was 20 degree Celsius, recorded on the 18<sup>th</sup>. Figure below shows daily maximum and minimum temperature (2017 and 2018) and average maximum and minimum temperature for the Month of February for southern part of Maldives.

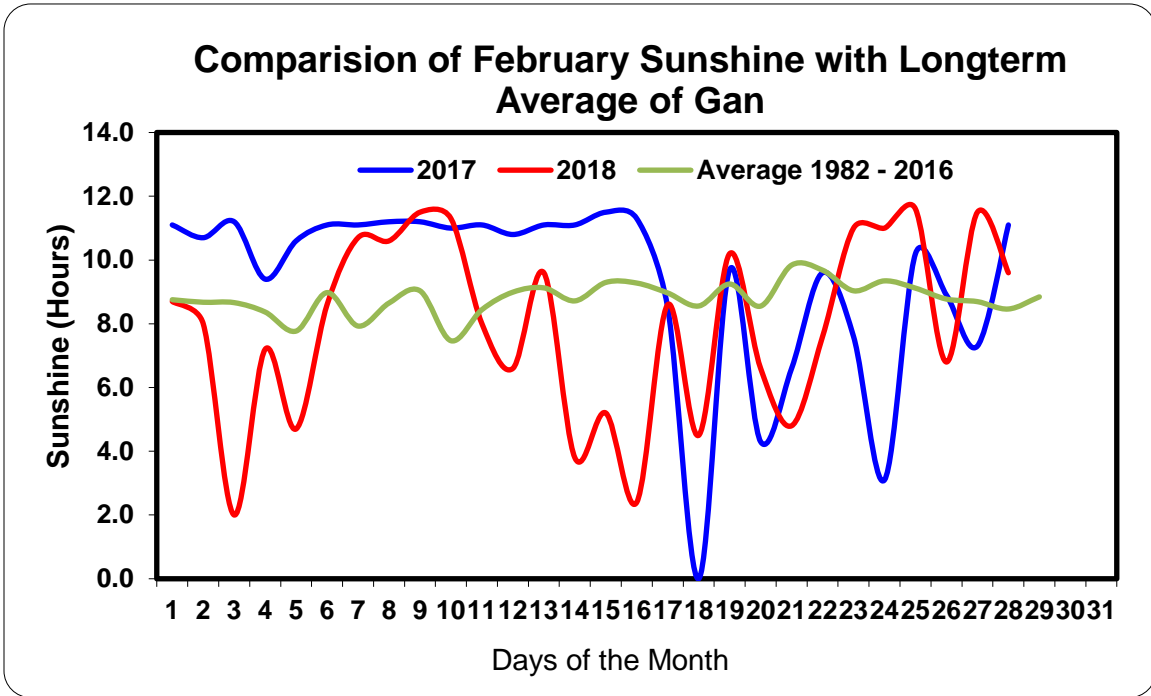
**Comparison of February Maximum Temperature with Longterm Average of Gan**



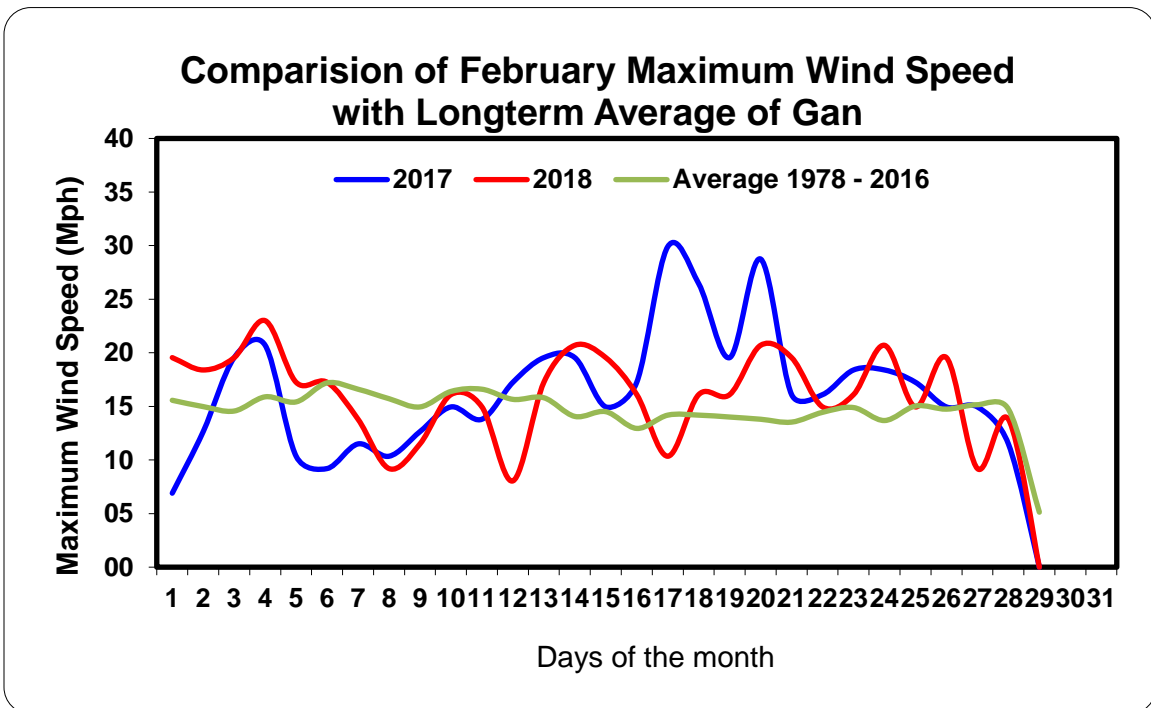
**Comparison of February Minimum Temperature with Longterm Average of Gan**



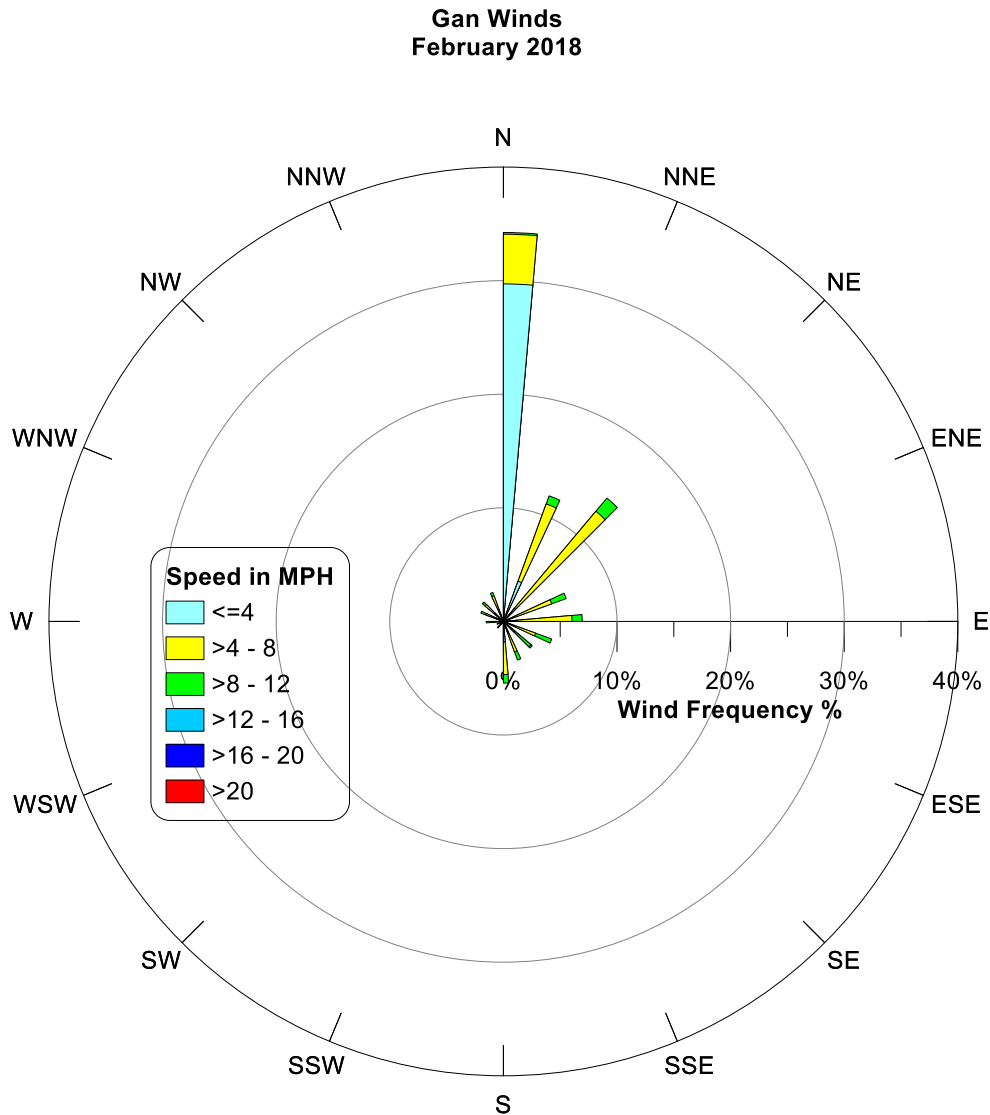
Southern part of the country received sunshine for 28 days last February, which amounts to 222 hours and 42 minutes. Furthermore, in February 2017 southern part of the country received sunshine for 27 days, which amounts to 262 hours 24 minutes. Figure below shows daily sunshine (2017 and 2018) and daily average sunshine for the Month of February for southern part of Maldives.



Last February, the maximum wind speed in south was experienced on the 4<sup>th</sup> at 21:10 hours from *north-west* at a speed of 30 mph. However, the maximum wind speed in southern atolls in February 2017 was recorded on the 17<sup>th</sup> at 23:24 hours at a speed of 30 mph from *east-south-east*. Figure below shows daily maximum wind speed (2017 and 2018) and daily average maximum wind speed for the Month of February for southern part of Maldives.



Below is wind frequency chart (Wind rose) of Gan for February 2018.



This is the wind rose for Gan based on hourly wind data of the month February 2018. 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 26% 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 <sup>th</sup> April 1998
Lowest minimum temperature recorded was 19.7 °C on 24 <sup>th</sup> March 1986
Highest wind recorded was 103.5 Miles from SW on 29 <sup>th</sup> May 1991
Highest rainfall within 24hrs recorded was 228.4 mm on 24 <sup>th</sup> November 2015