



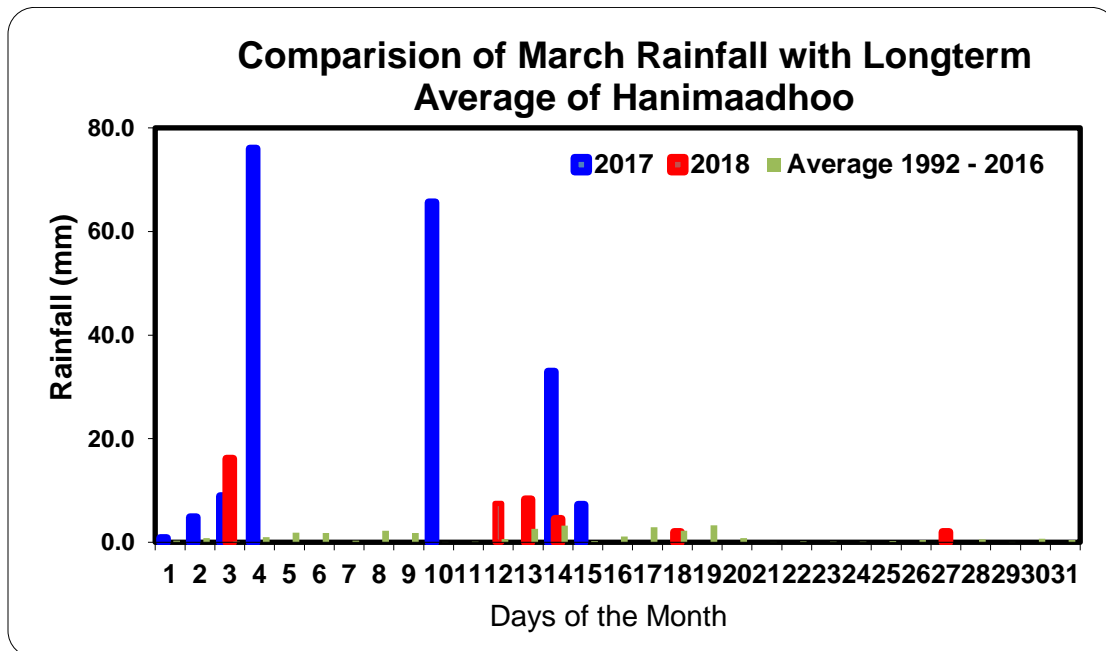
Climate Section  
Maldives Meteorological Service  
Hulhule

## Climate Conditions in March 2018

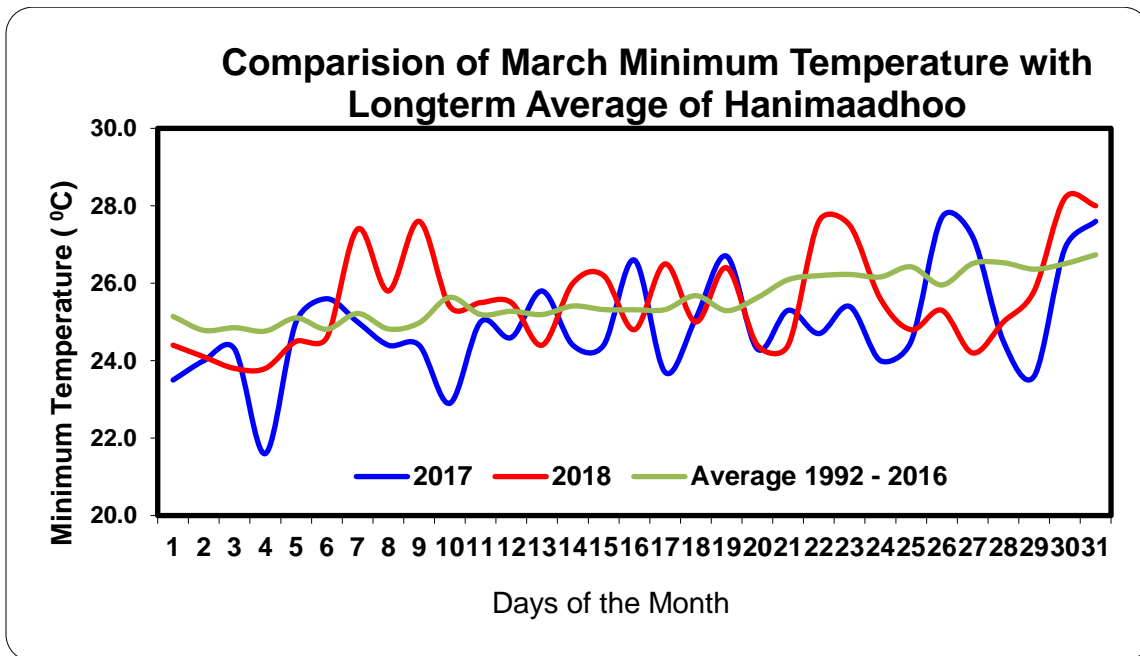
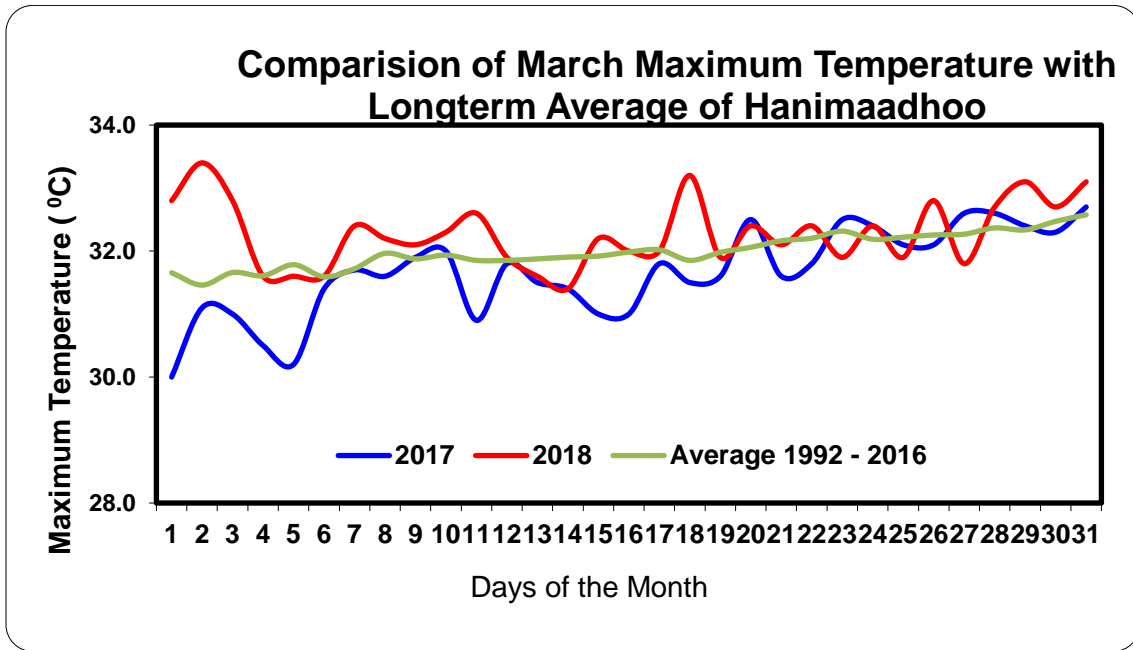
Date: 10<sup>th</sup> April 2018

### North

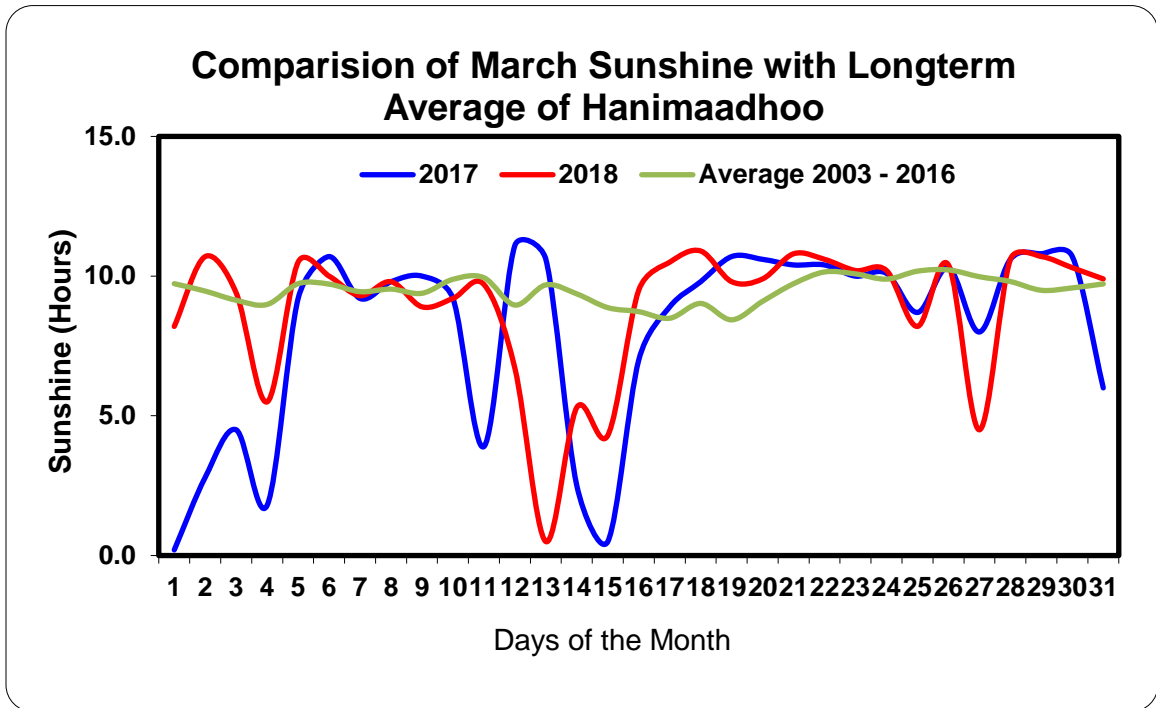
Last March, northern part of the country received a total rainfall of 40 mm. The highest rainfall within 24 hours was recorded on the 3<sup>rd</sup> and amounts to 16 mm of rainfall. The rainfall received in March 2017 was 156 mm more than that of last March. Figure below shows daily total rainfall (2017 and 2018) and daily average rainfall for the Month of March for northern part of Maldives.



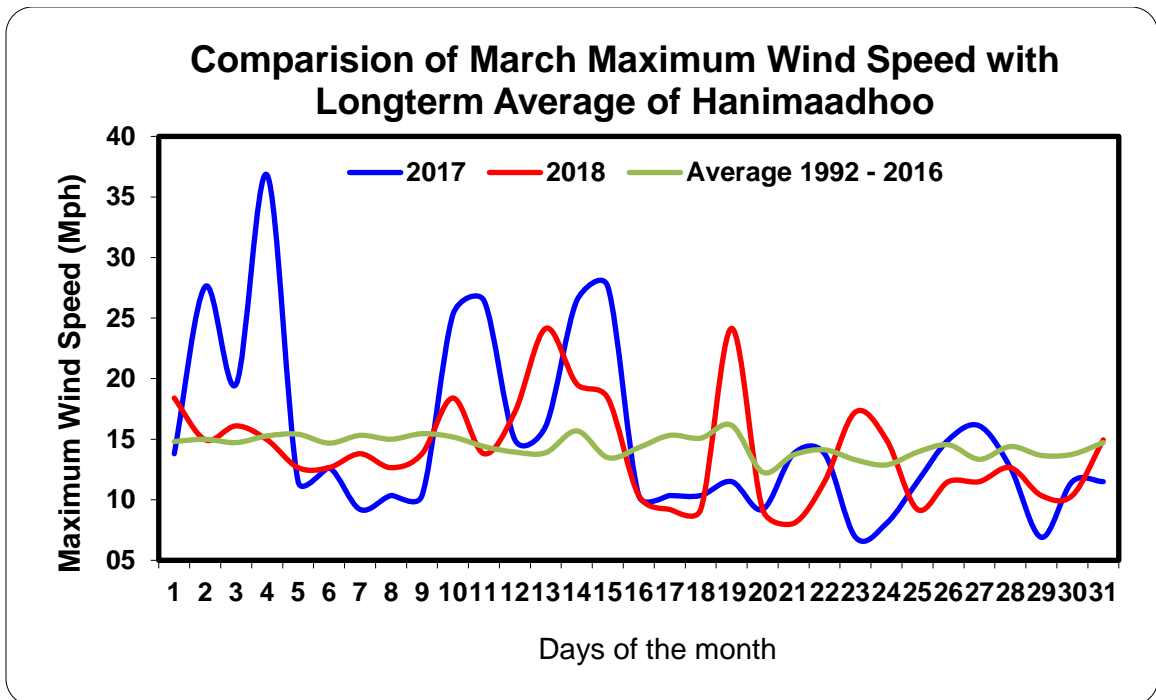
The highest temperature recorded in northern part of the Maldives last March was 33 degree Celsius, which was recorded on 2<sup>nd</sup>. The minimum temperature recorded in the same area for the last month was 24 degree Celsius and was recorded on 3<sup>rd</sup> and 4<sup>th</sup> of March. However, the highest temperature recorded in March 2017 in northern part of the country was 33 degree Celsius, which was recorded on the 31<sup>st</sup>. Furthermore, the minimum temperature recorded in northern part in March 2017 was 22 degree Celsius, recorded on the 4<sup>th</sup>. Figure below shows daily maximum and minimum temperature (2017 and 2018) and average maximum and minimum temperature for the Month of March for northern part of Maldives.



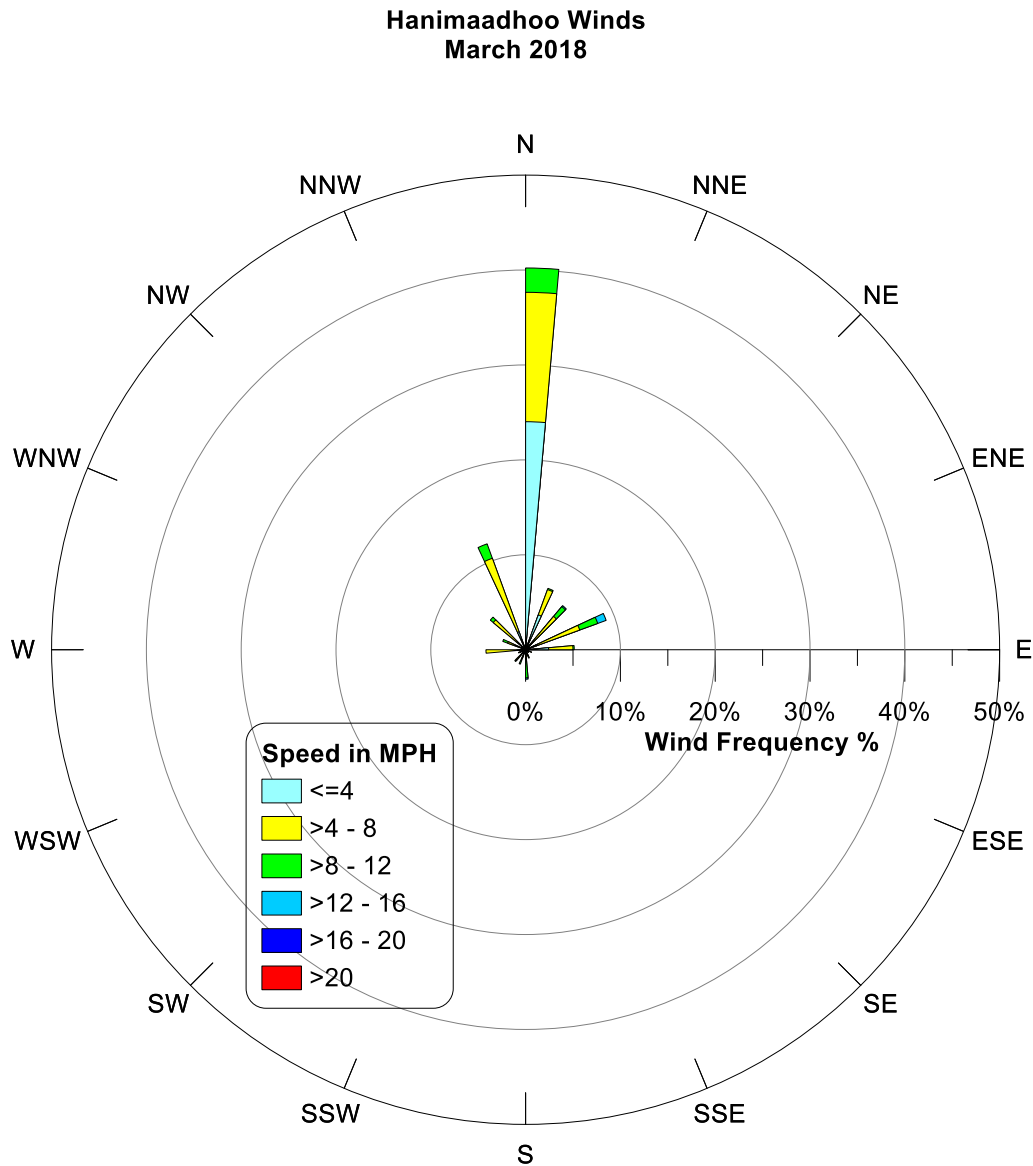
Northern part of the country received sunshine for 31 days last March, which amounts to 275 hours. Furthermore, in March 2017 northern part of the country received sunshine for 31 days, which amounts to 249 hour. Figure below shows daily sunshine (2017 and 2018) and daily average sunshine for the Month of March for northern part of Maldives.



Last March, the maximum wind speed in the northern part was experienced on the 13<sup>th</sup> at 22:14 hours from *east-north-east* and 19<sup>th</sup> at 14:04 hours from *north* at a speed of 24 mph. Furthermore, the maximum wind speed in the northern part in March 2017 was recorded on 5<sup>th</sup> at 00:18 hours from *west* at a speed of 37 mph. Figure below shows daily maximum wind speed (2017 and 2018) and daily average maximum wind speed for the Month of March for northern part of Maldives.



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

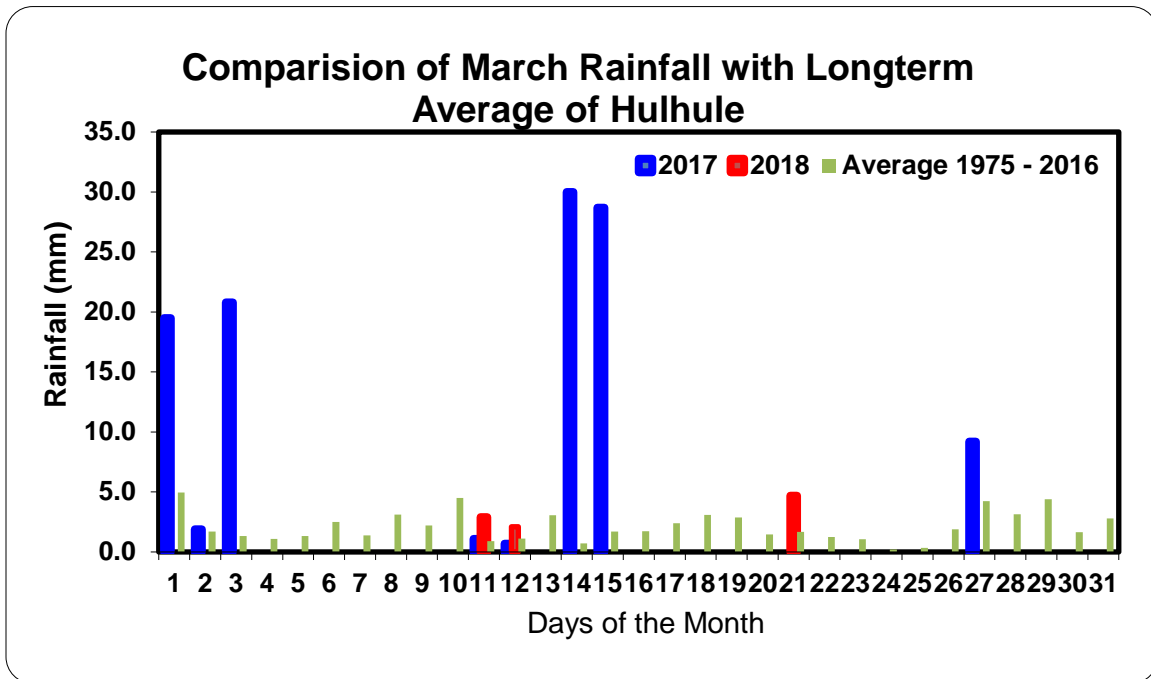


This is the wind rose for Hanimaadhoo based on hourly wind data of the month March 2018. This rose shows that the winds at Hanimaadhoo during the period blow from the *north* much of the time. In fact, the spokes in the directions *north-north-west* comprise about 12% of all hourly wind directions. This also shows that the wind rarely blows from different directions.

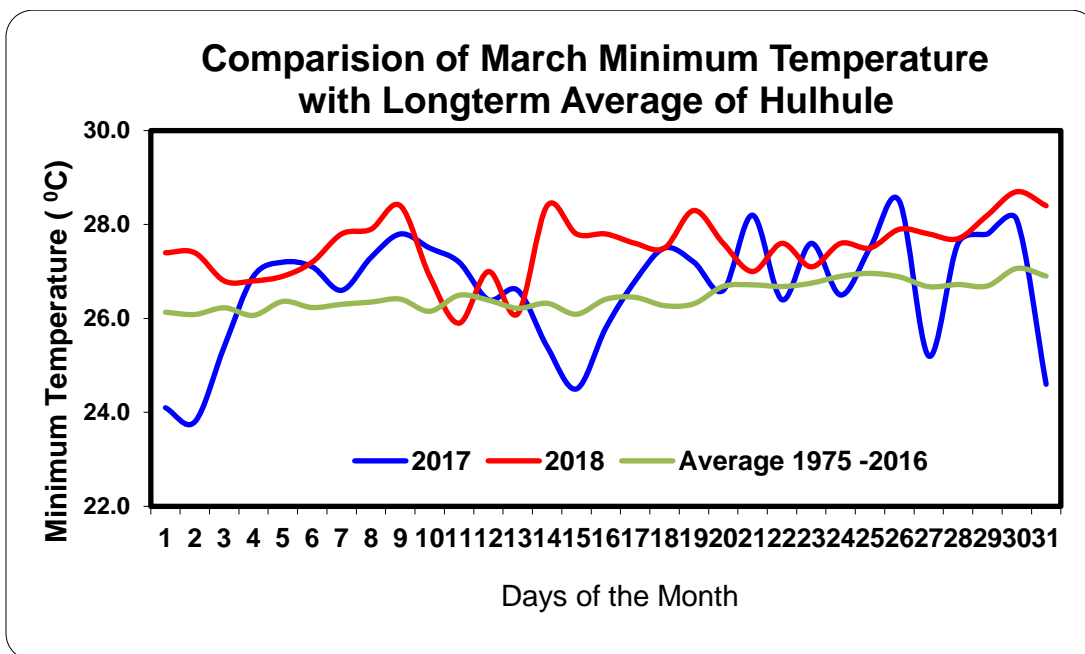
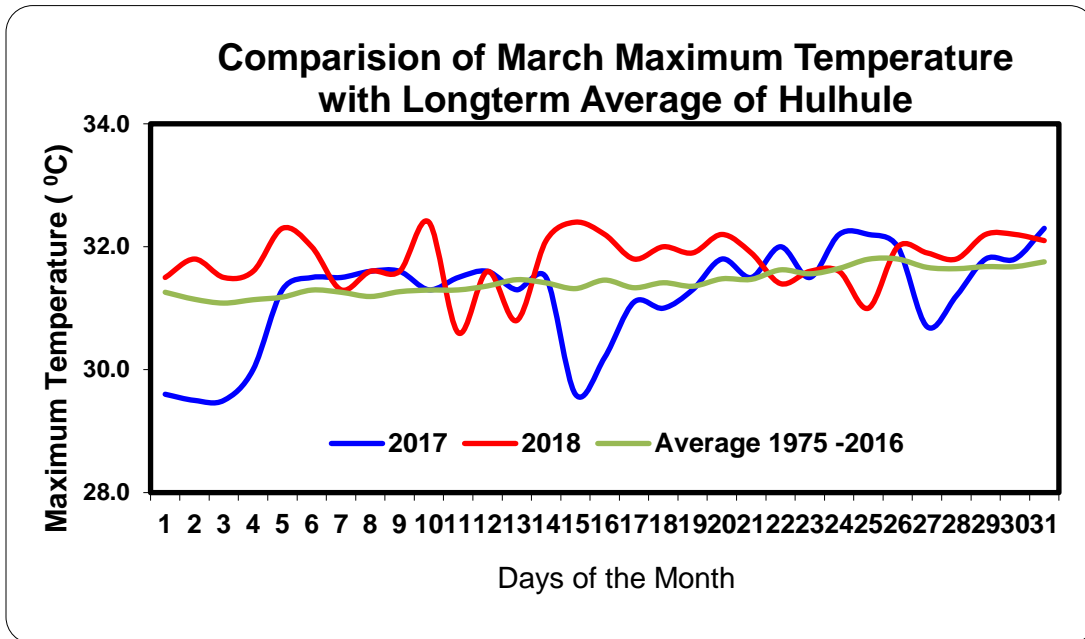
Highest maximum temperature recorded was 35.0 °C on 30 <sup>th</sup> April 2016
Lowest minimum temperature recorded was 18.2 °C on 23 <sup>rd</sup> December 2002
Highest wind recorded was 87.4 Miles from NW on 28 <sup>th</sup> August 1991
Highest rainfall within 24hrs recorded was 189.0 mm on 31 <sup>st</sup> May 2017

### Central part

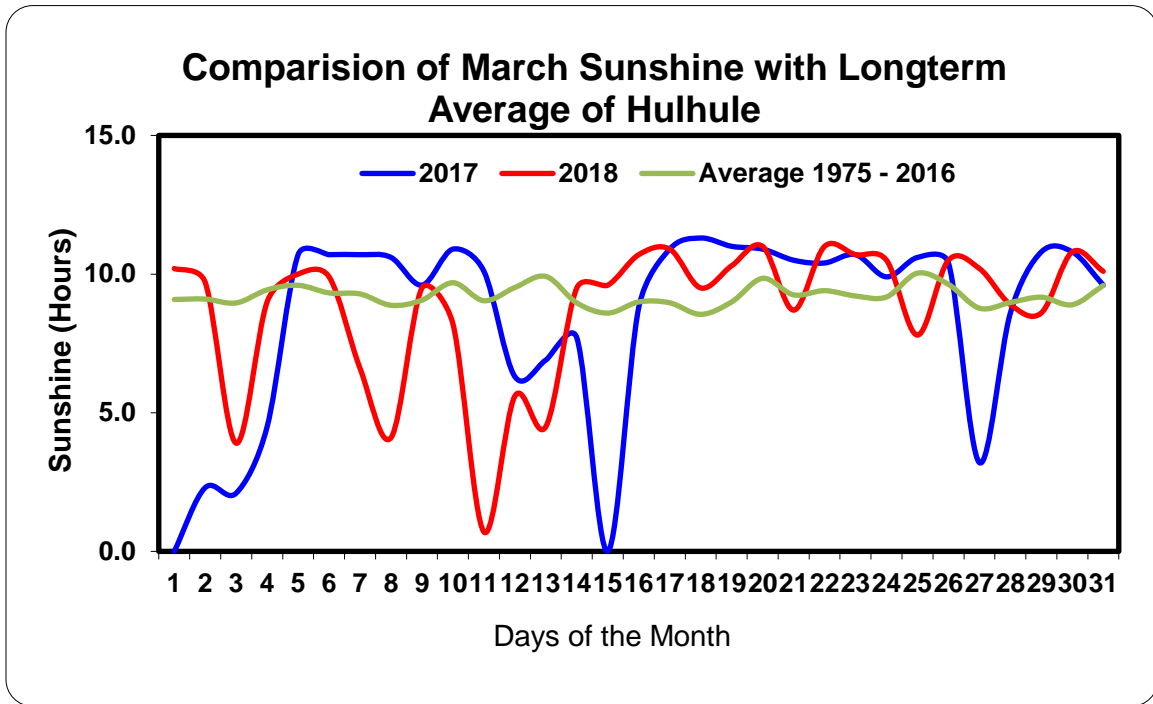
Last March, central part of the country received a total rainfall of 10 mm. The highest rainfall within 24 hours was recorded on the 21<sup>st</sup> and amounts to 5 mm of rainfall. The rainfall received in March 2017 was 102 mm more than that of last March. Figure below shows daily total rainfall (2017 and 2018) and daily average rainfall for the Month of March for central part of Maldives.



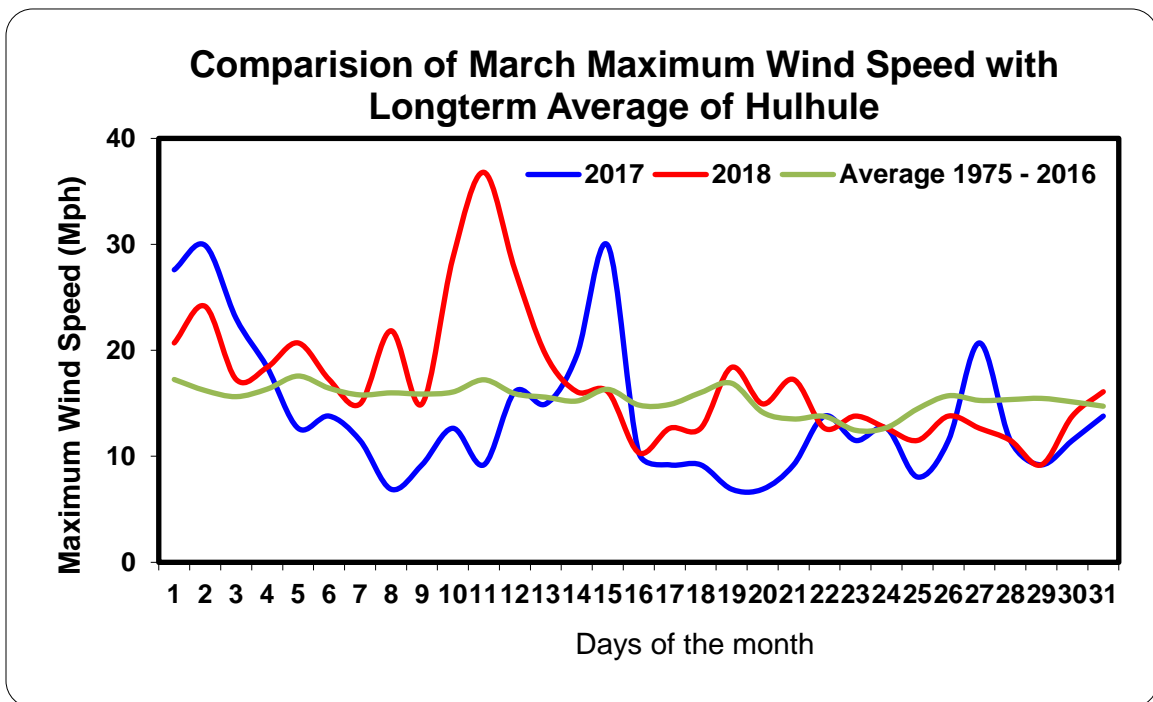
The highest temperature recorded in central part of the Maldives last March was 32 degree Celsius, which was recorded on the 10<sup>th</sup> and 15<sup>th</sup>. The minimum temperature recorded in the same area for the last month was 26 degree Celsius and was recorded on the 11<sup>th</sup> of March. On the other hand, the highest temperature recorded in March 2017 in central part of the country was 32 degree Celsius, which was recorded on the 31<sup>st</sup>. Furthermore, the minimum temperature recorded in the central part in March 2017 was 24 degree Celsius, recorded on the 2<sup>nd</sup>. Figure below shows daily maximum and minimum temperature (2017 and 2018) and average maximum and minimum temperature for the Month of March for central part of Maldives.



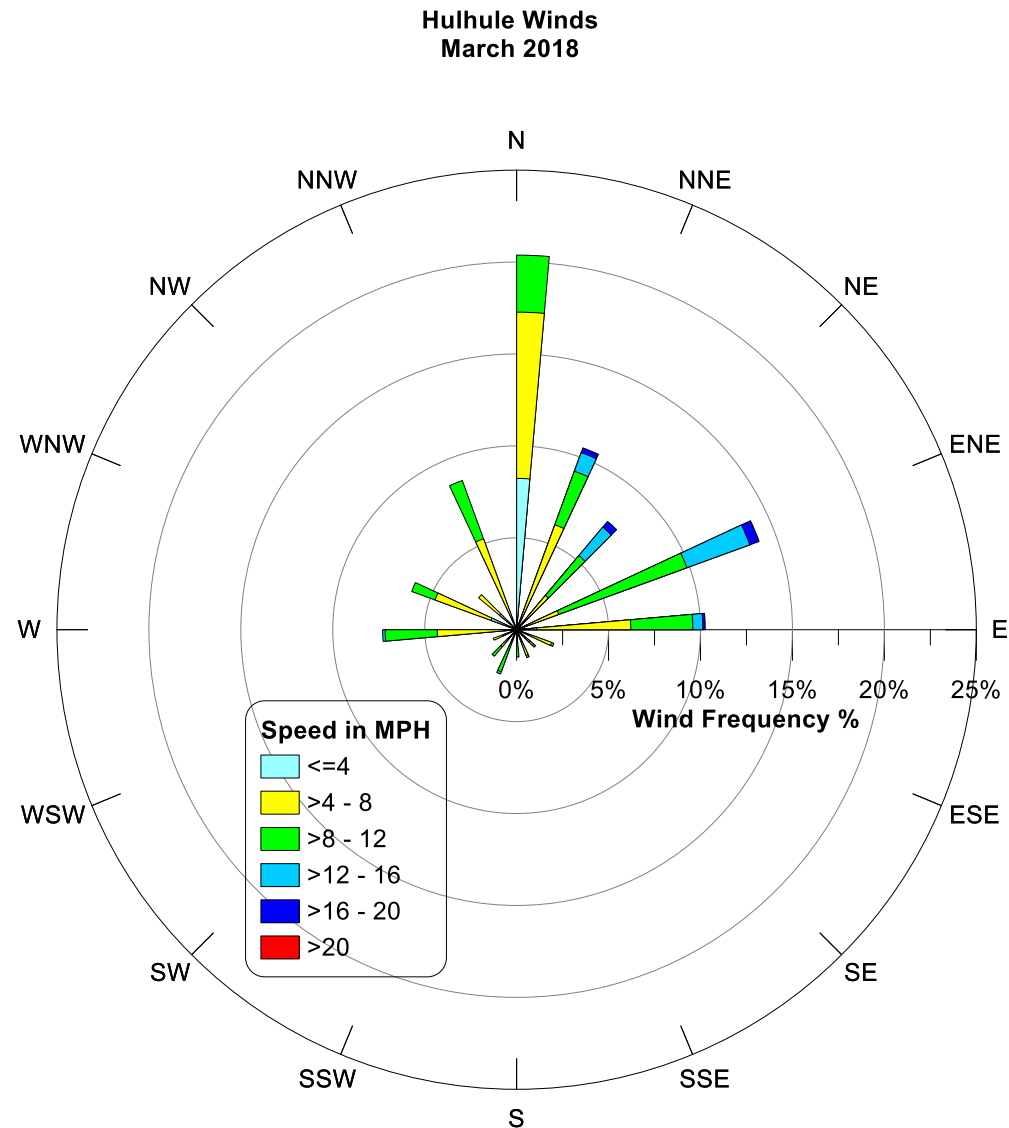
Central part of the country received sunshine for 31 days last March, which amounts to 271 hours 12 minutes. Furthermore, in March 2017 central part of the country received sunshine for 29 days, which amounts to 261 hours 30 minutes. Figure below shows daily sunshine (2017 and 2018) and daily average sunshine for the Month of March for central part of Maldives.



Last March, the maximum wind speed in Central part of the country was experienced on the 11<sup>th</sup> at 11:29 hours from *east* at a speed of 37 mph. However, the maximum wind speed in central part in March 2017 was recorded on the 2<sup>nd</sup> at 13:45 hours of *north-east* and on 4<sup>th</sup> at 09:13 hours at a speed of 30 mph from *south-south-west*. Figure below shows daily maximum wind speed (2017 and 2018) and daily average maximum wind speed for the Month of March for central part of Maldives.



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



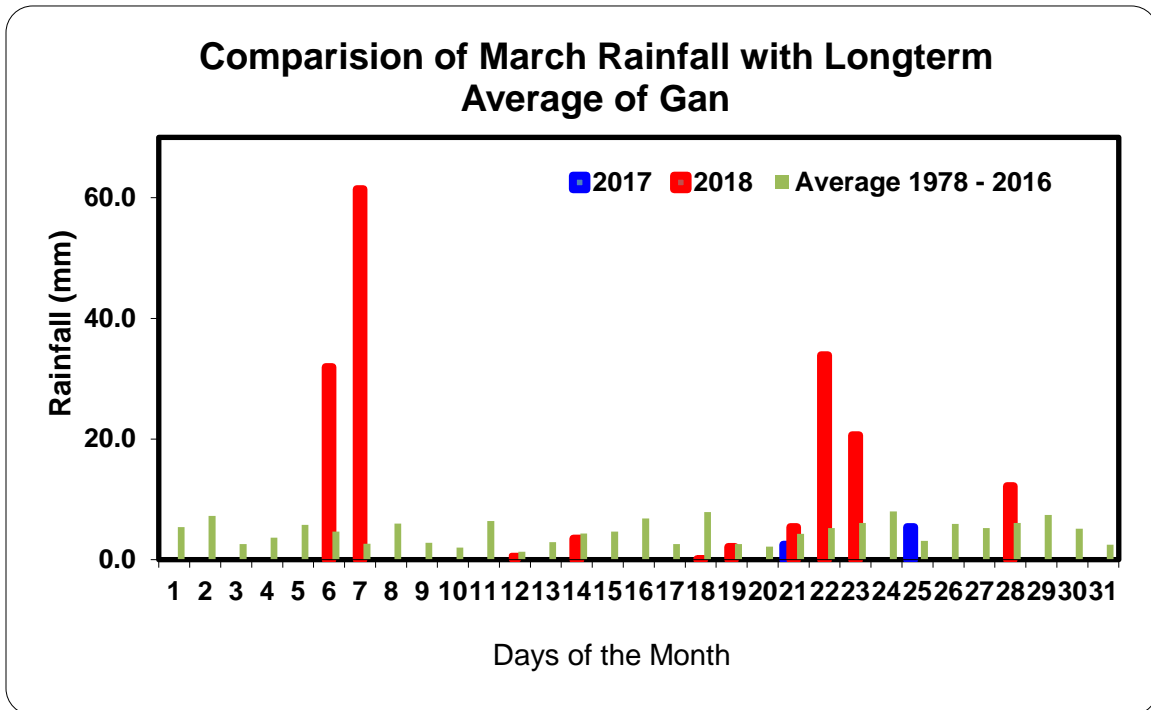
This is the wind rose for Hulhule based on hourly wind data of the month March 2018. This rose shows that the winds at Hulhule during the period blow from the *north* much of the time. In fact, the spokes in the directions *north-north-east*, *east-north-east* and *east* comprise about 35% of all hourly 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')

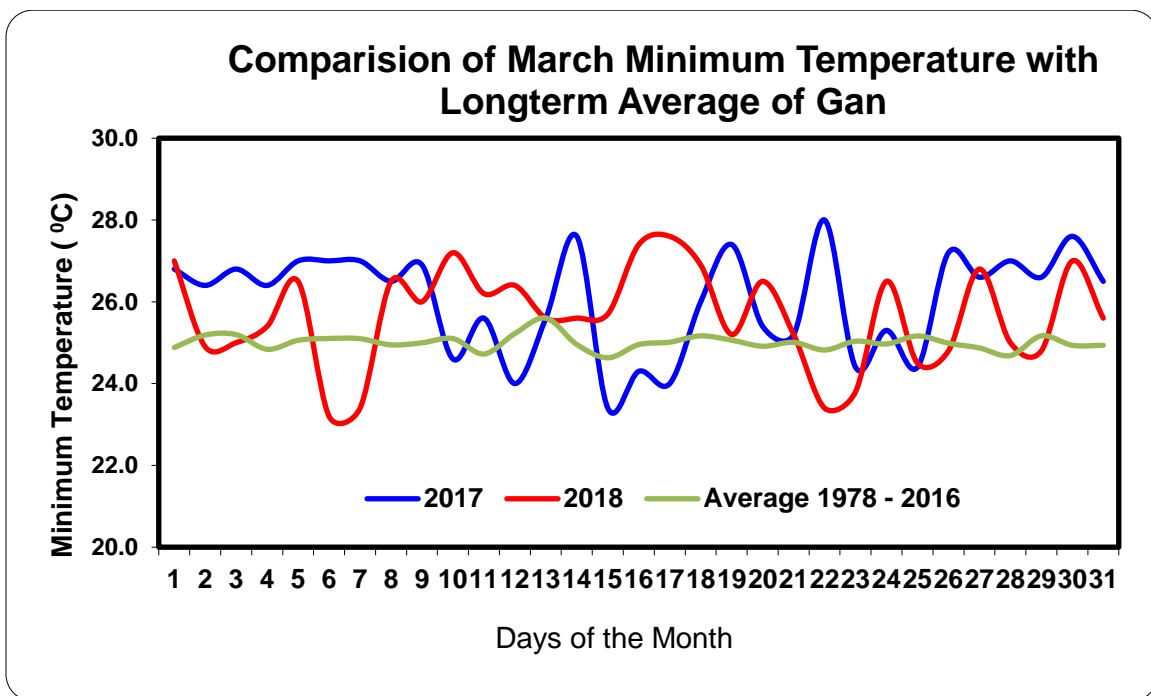
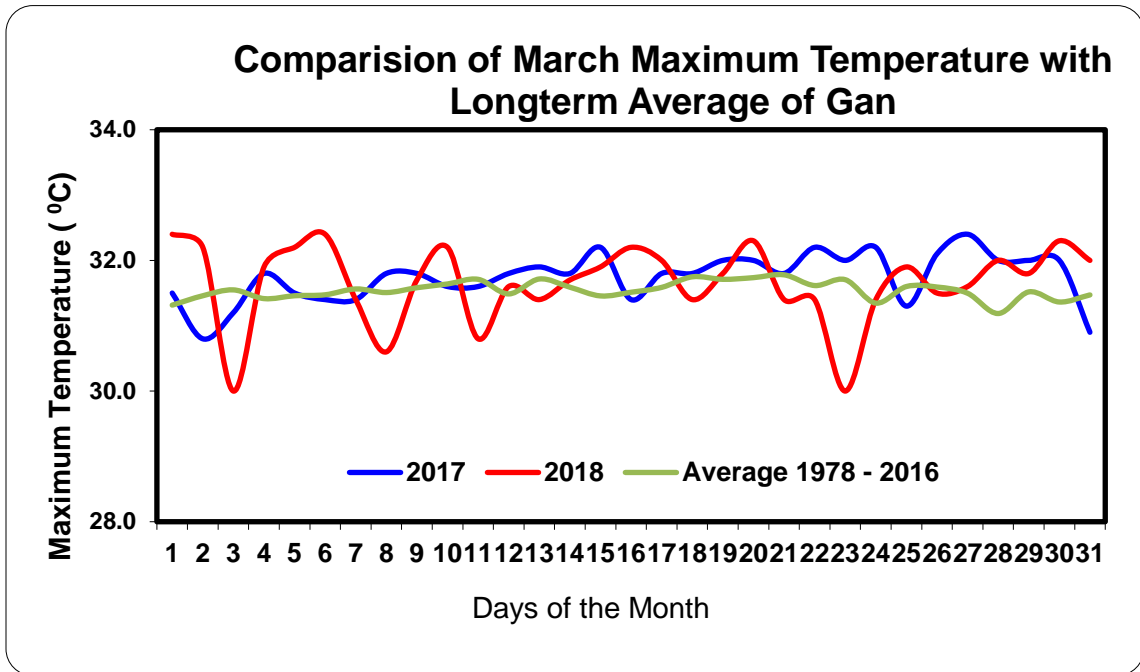


## South

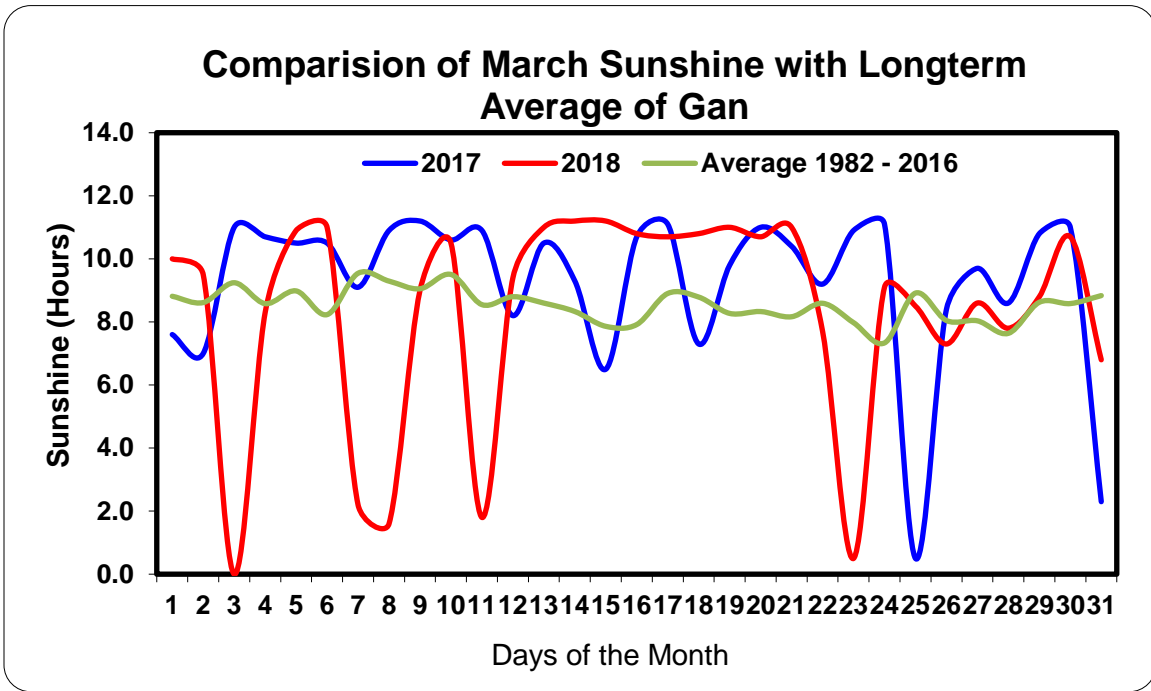
Last March, southern part of the country received a total rainfall of 172 mm. The highest rainfall within 24 hours was recorded on the 7<sup>th</sup> and amounts to 61 mm of rainfall. The rainfall received in March 2017 was 164 mm less than that of last March. Figure below shows daily total rainfall (2017 and 2018) and daily average rainfall for the Month of March for southern part of Maldives.



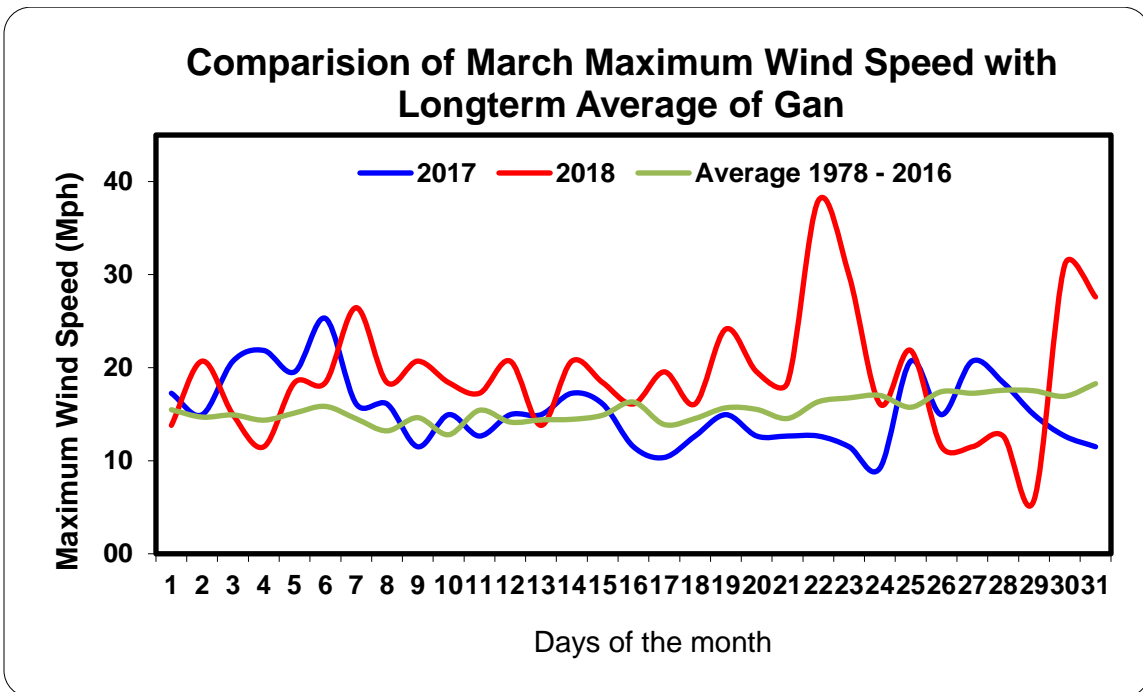
The highest temperature recorded in southern part of the Maldives last March was 32 degree Celsius, which was recorded on the 1<sup>st</sup> and 6<sup>th</sup>. The minimum temperature recorded in the same area for the last month was 23 degree Celsius and was recorded on the 6<sup>th</sup> of March. However, the highest temperature recorded in March 2017 in southern parts of the country was 32 degree Celsius, which was recorded on the 27<sup>th</sup>. Furthermore, the minimum temperature recorded in south in March 2017 was 23 degree Celsius, recorded on the 15<sup>th</sup>. Figure below shows daily maximum and minimum temperature (2017 and 2018) and average maximum and minimum temperature for the Month of March for southern part of Maldives.



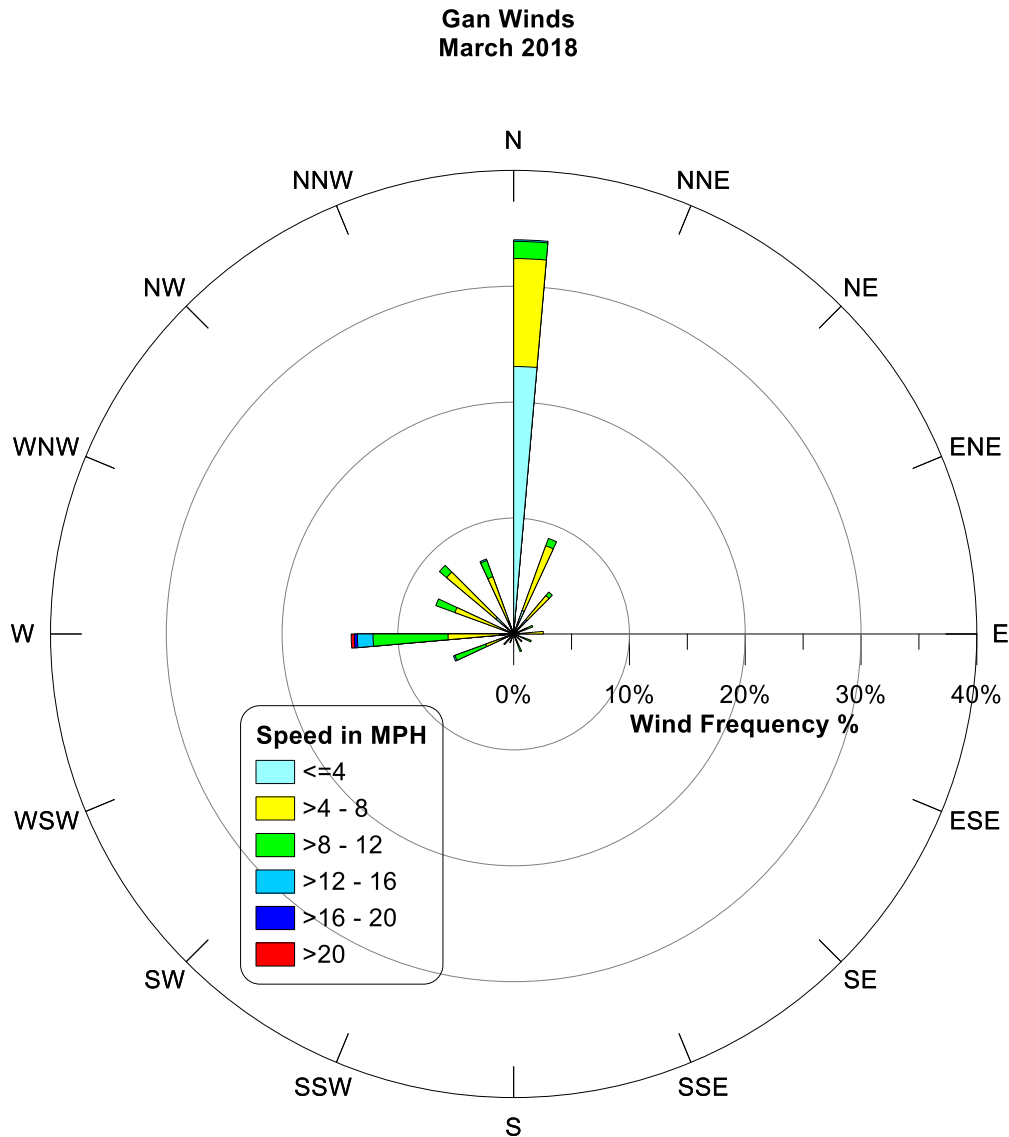
Southern part of the country received sunshine for 30 days last March, which amounts to 258 hours and 24 minutes. Furthermore, in March 2017 southern part of the country received sunshine for 31 days, which amounts to 287 hours 18 minutes. Figure below shows daily sunshine (2017 and 2018) and daily average sunshine for the Month of March for southern part of Maldives.



Last March, the maximum wind speed in south was experienced on the 22<sup>nd</sup> at 23:40 hours from *west* at a speed of 38 mph. However, the maximum wind speed in southern atolls in March 2017 was recorded on the 6<sup>th</sup> at 12:40 hours at a speed of 25 mph from *west*. Figure below shows daily maximum wind speed (2017 and 2018) and daily average maximum wind speed for the Month of March for southern part of Maldives.



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



This is the wind rose for Gan based on hourly wind data of the month March 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 *west* comprise about 15% 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