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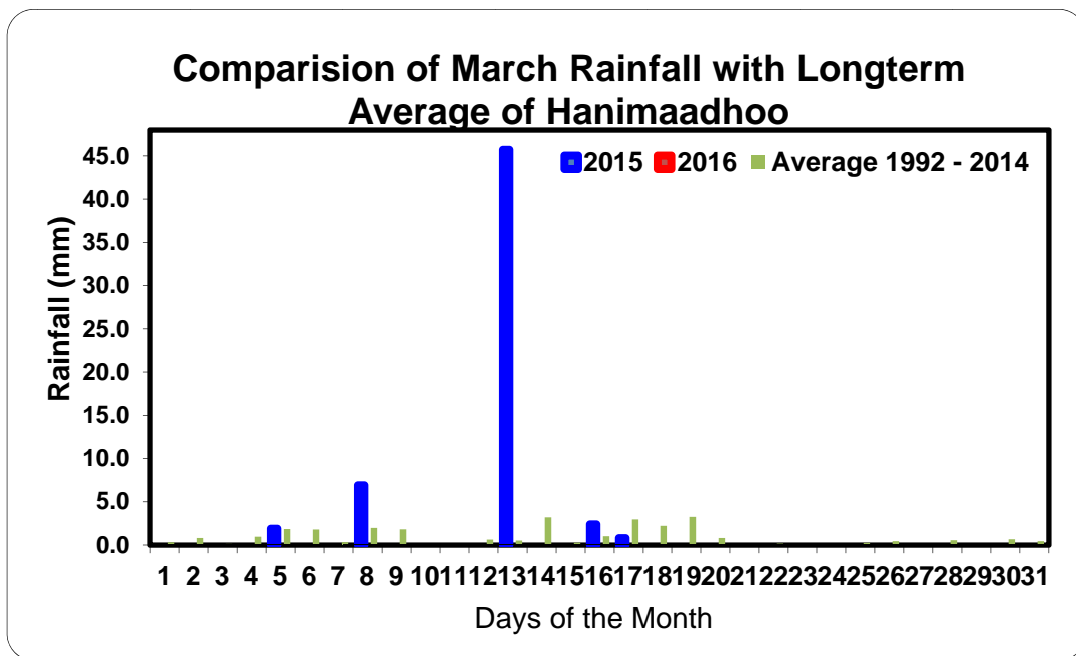
Climate Section  
 Maldives Meteorological Service  
 Hulhule

**Climate Conditions in March 2016**

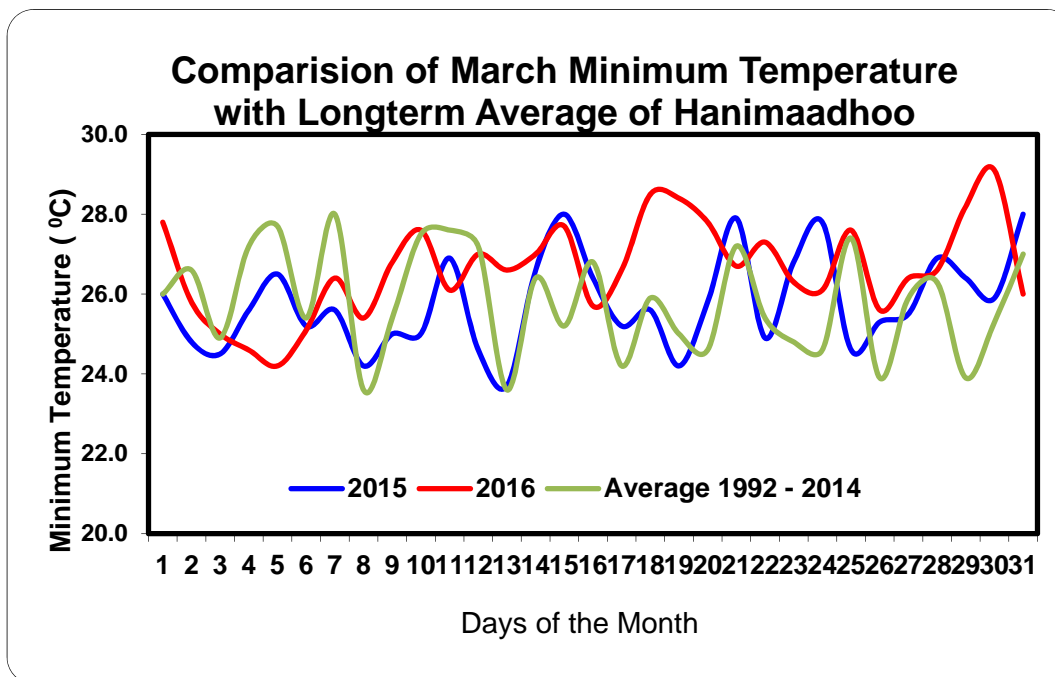
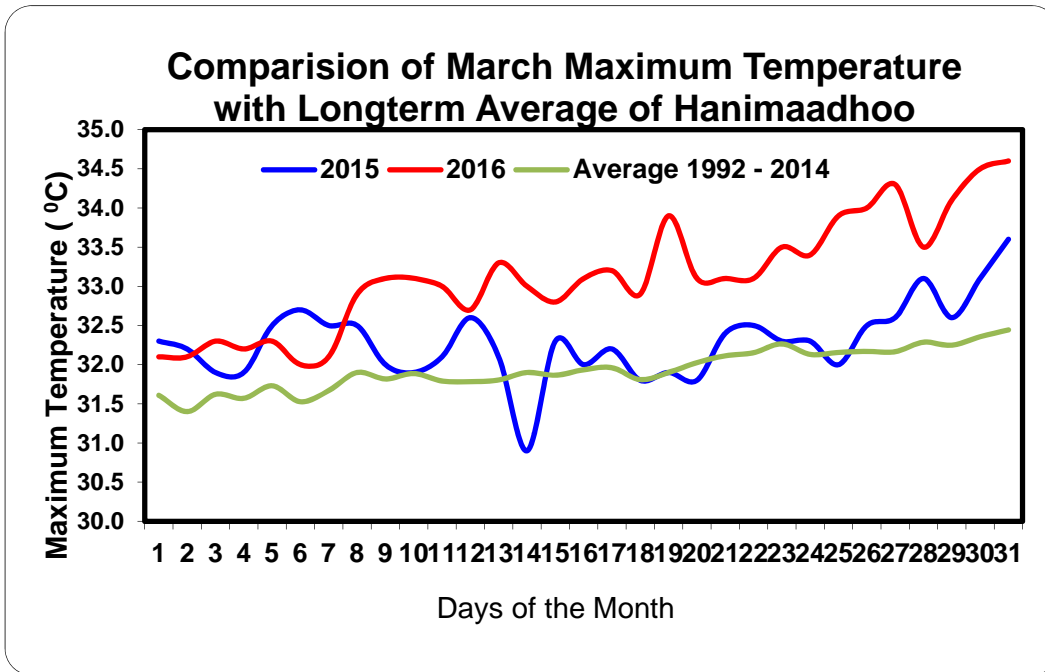
**Date:** 07<sup>th</sup> March 2016

**North**

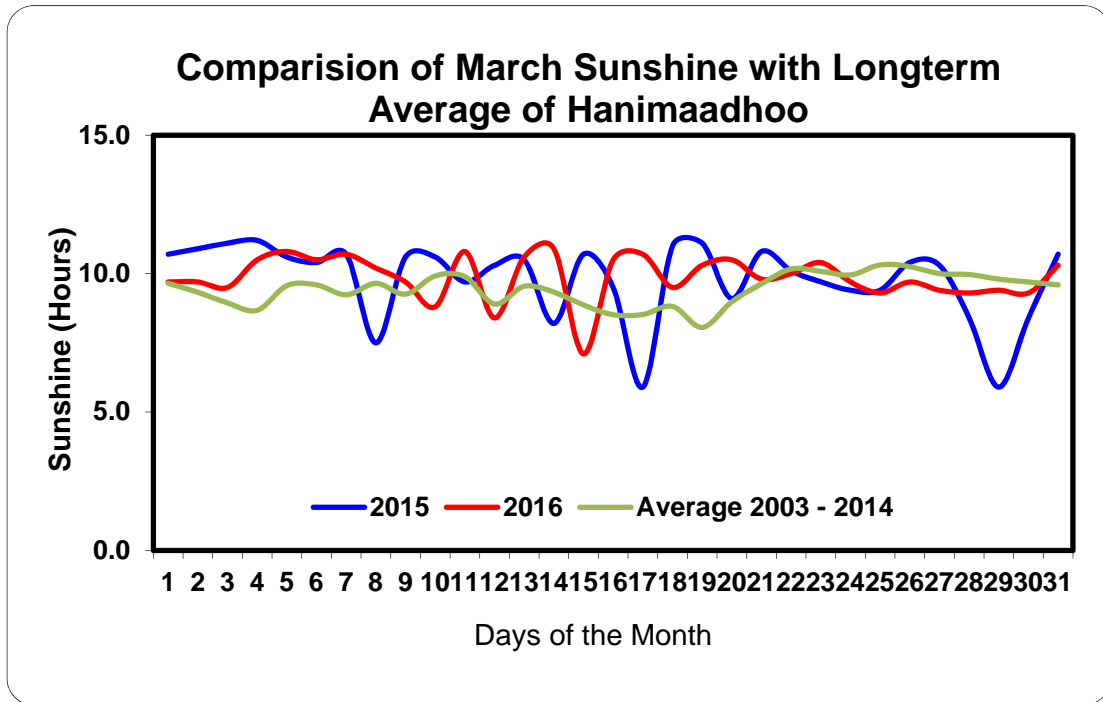
Last March, northern part of the country has no rainfall. The rainfall received in March 2015 was 58 mm more than that of last March. Figure below shows daily total rainfall (2015 and 2016) and daily average rainfall for the Month of March for northern part of Maldives.



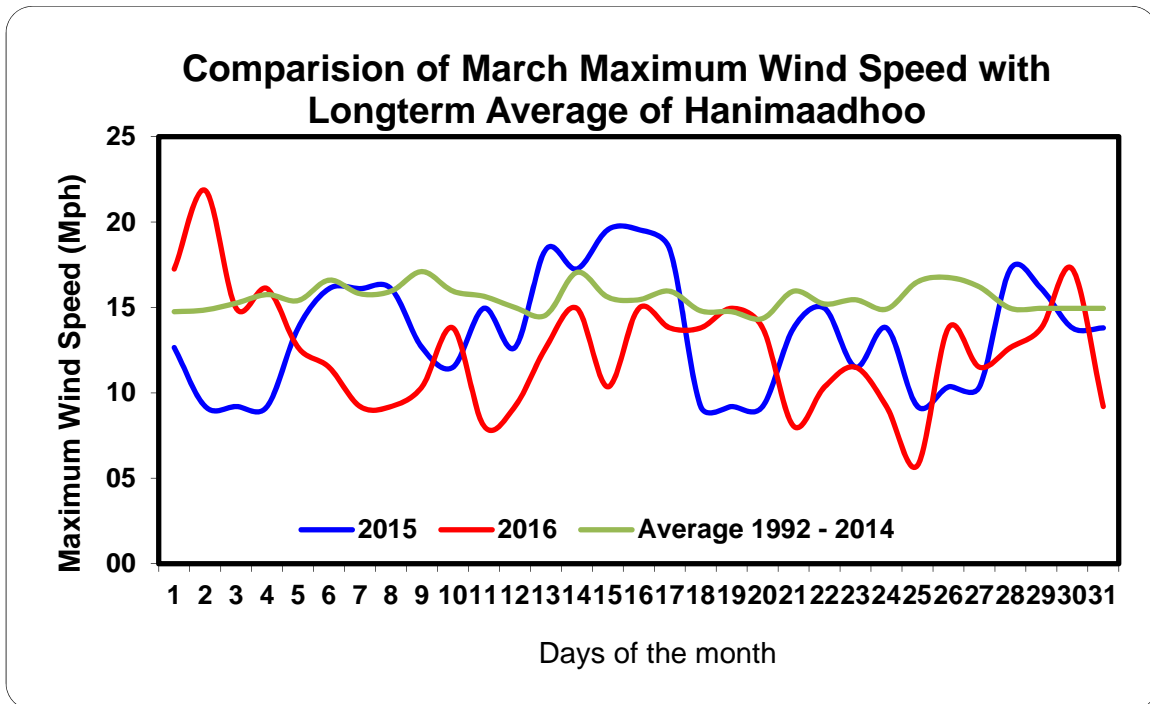
The highest temperature recorded in northern part of the Maldives last March was 35 degree Celsius, which was recorded on 31<sup>st</sup>. The minimum temperature recorded in the same area for the last month was 24 degree Celsius and was recorded on 05<sup>th</sup> of March. However, the highest temperature recorded in March 2015 in northern part of the country was 34 degree Celsius, which was recorded on the 31<sup>st</sup>. Furthermore, the minimum temperature recorded in northern part in March 2015 was 24 degree Celsius, recorded on the 13<sup>th</sup>. Figure below shows daily maximum and minimum temperature (2015 and 2016) and average maximum and minimum temperature for the Month of March for northern part of Maldives.



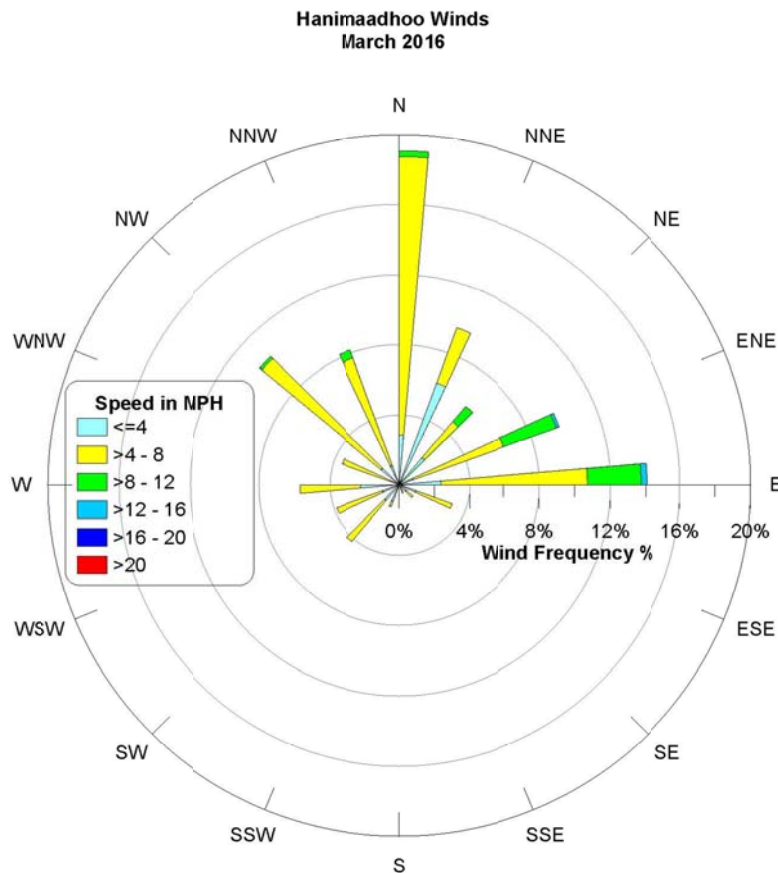
Northern part of the country received sunshine for 31 days last March, which amounts to 306 hours. Furthermore, in March 2015 northern part of the country received sunshine for 31 days, which amounts to 303 hours 48 minutes. Figure below shows daily sunshine (2015 and 2016) and daily average sunshine for the Month of March for northern part of Maldives.



Last March, the maximum wind speed in the northern part was experienced on the 02<sup>nd</sup> at 10:32 hours from *east* at a speed of 22 mph. Furthermore, the maximum wind speed in the northern part in March 2015 was recorded on 15<sup>th</sup> at 18:35 hours from *east*, at a speed of 20 mph. Figure below shows daily maximum wind speed (2015 and 2016) 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 2016.



This is the wind rose for Hanimaadhoo based on hourly wind data of the month March 2016. 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-north-east, east-north-east, north-west and north-north-west comprise about 30% of all hourly wind directions. This also shows that the wind rarely blows from other directions.

Highest maximum temperature recorded was 34.6 °C on 31 <sup>st</sup> March 2016
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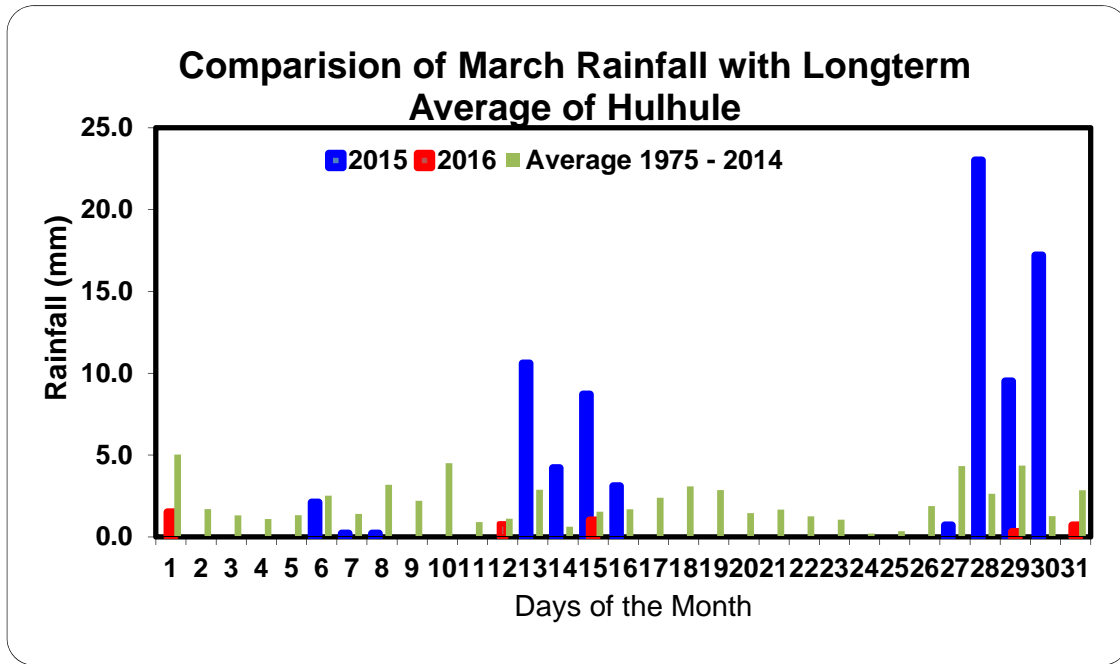
Lowest minimum temperature recorded was 18.2 °C on 23 <sup>rd</sup> December 2002
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Highest wind recorded was 87.4 Miles from NNW on 03 <sup>rd</sup> March 1991
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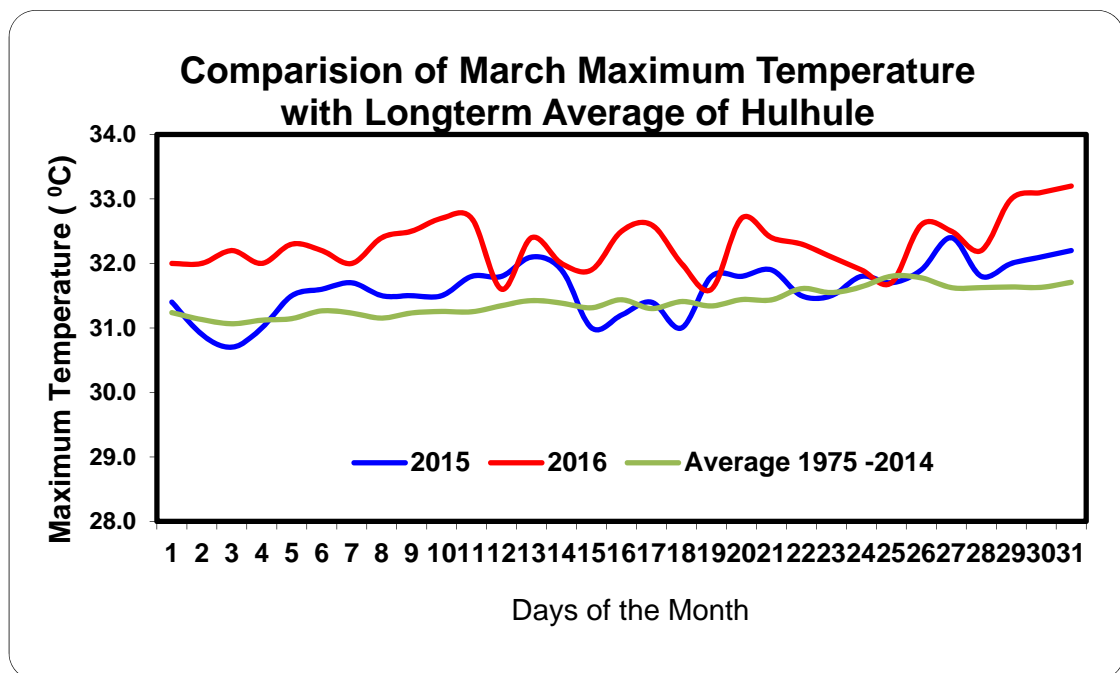
Highest rainfall within 24hrs recorded was 146.9 mm on 26 <sup>th</sup> May 2008
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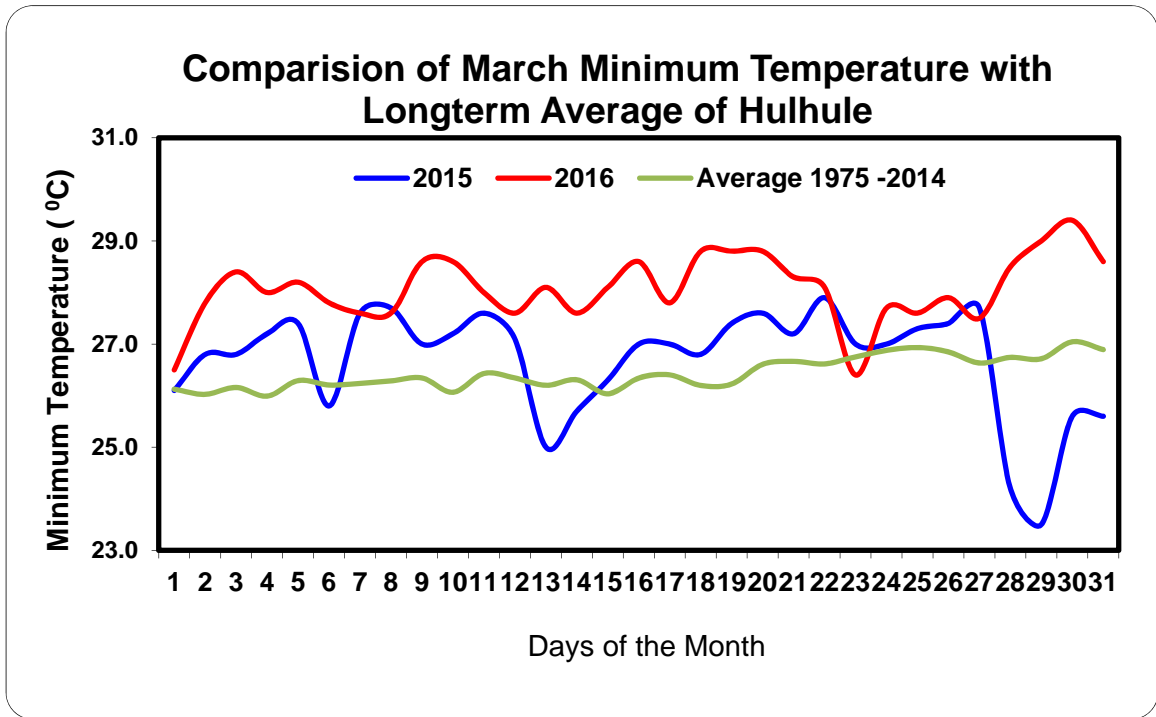
### **Central part**

Last March, central part of the country received a total rainfall of 04 mm. The highest rainfall within 24 hours was recorded on the 01<sup>th</sup> and amounts to 02 mm of rainfall. The rainfall received in March 2015 was 75 mm more than that of last March. Figure below shows daily total rainfall (2015 and 2016) and daily average rainfall for the Month of March for central part of Maldives.

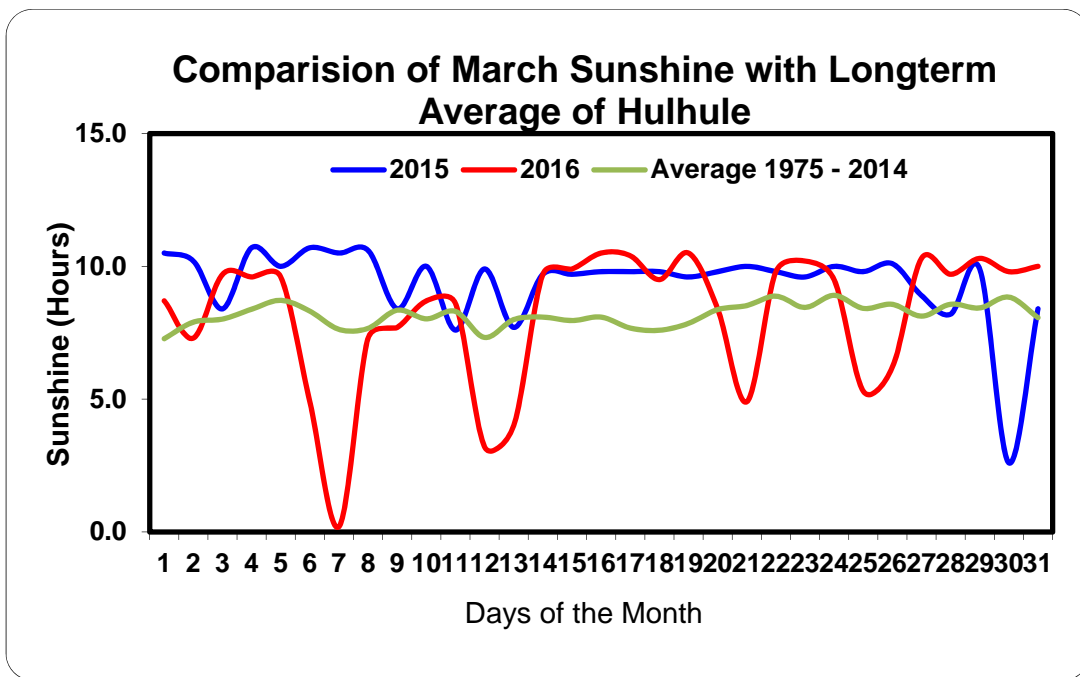


The highest temperature recorded in central part of the Maldives last March was 33 degree Celsius, which was recorded on the 31<sup>st</sup>. The minimum temperature recorded in the same area for the last month was 26 degree Celsius and was recorded on the 23<sup>rd</sup> of March. On the other hand, the highest temperature recorded in March 2015 in central part of the country was 32 degree Celsius, which was recorded on the 27<sup>th</sup>. Furthermore, the minimum temperature recorded in the central part in March 2015 was 24 degree Celsius, recorded on the 29<sup>th</sup>. Figure below shows daily maximum and minimum temperature (2015 and 2016) and average maximum and minimum temperature for the Month of March for central part of Maldives.



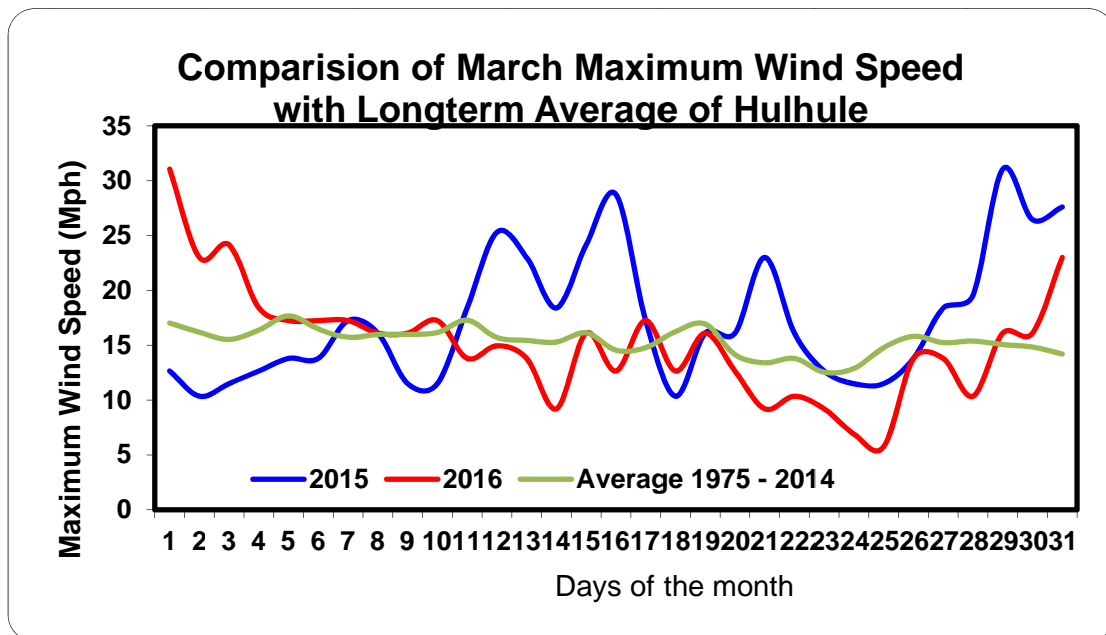


Central part of the country received sunshine for 30 days last March, which amounts to 293 hours 18 minutes. Furthermore, in March 2015 central part of the country received sunshine for 31 days, which amounts to 300 hours 18 minutes. Figure below shows daily sunshine (2015 and 2016) and daily average sunshine for the Month of March for central part of Maldives.

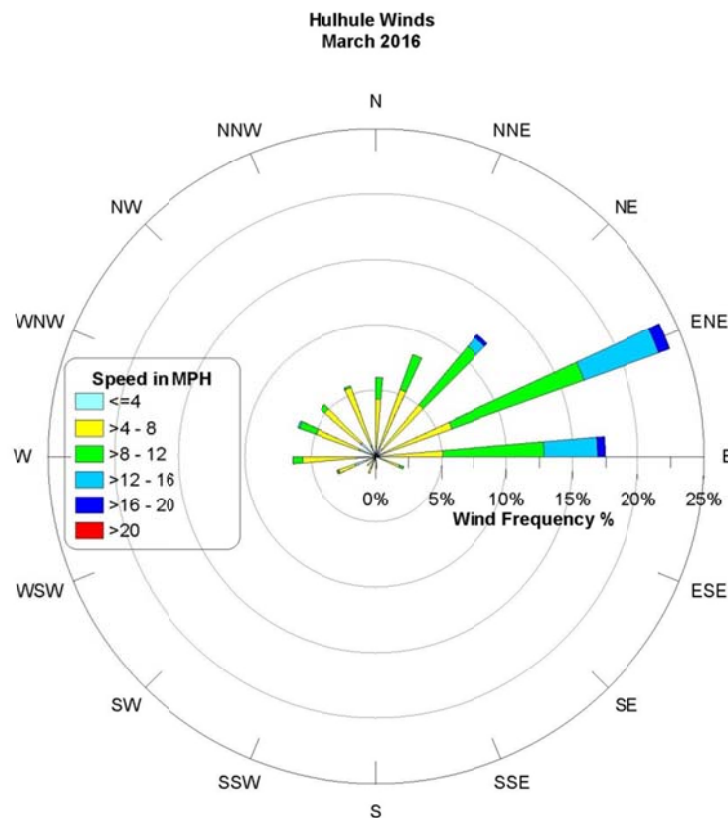


Last March, the maximum wind speed in Central part of the country was experienced on the 01<sup>st</sup> at 20:10 hours from *east-north-east* at a speed of 31 mph. However, the

maximum wind speed in central part in March 2015 was recorded on the 29<sup>th</sup> at 07:45 hours at a speed of 31 mph from *north-east*. Figure below shows daily maximum wind speed (2015 and 2016) 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 2016.

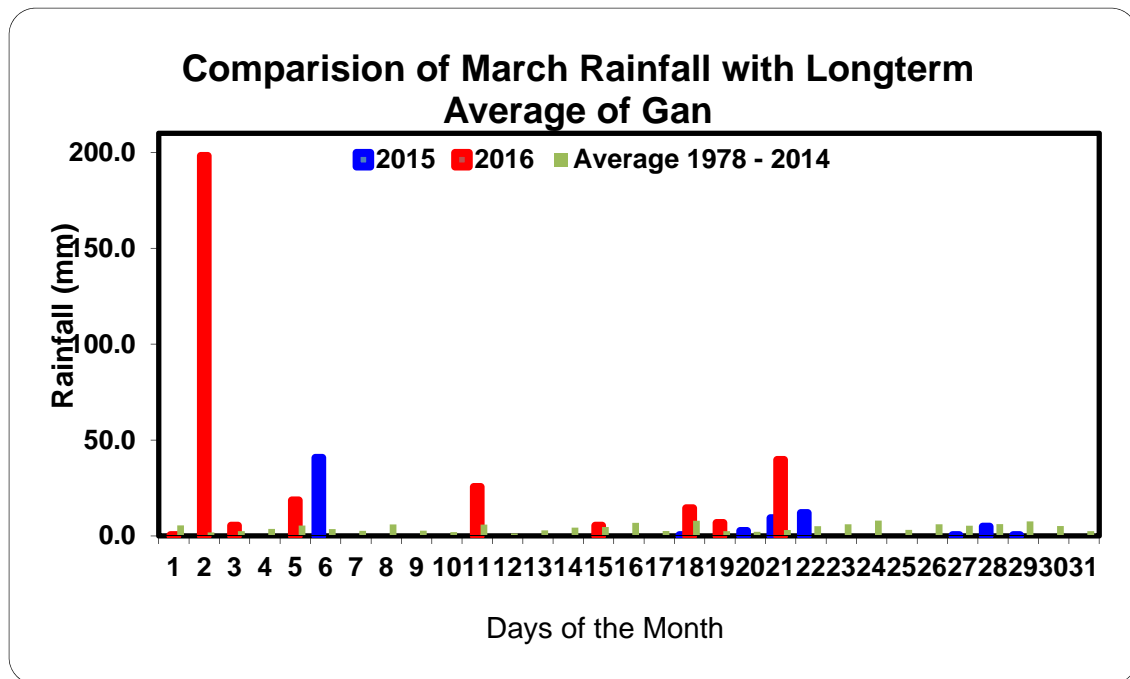


This is the wind rose for Hulhule based on hourly wind data of the month March 2016. This rose shows that the winds at Hulhule during the period blow from the north-east, east-north-east and east much of the time. In fact, the spokes in the directions north, north-north-east, west, west-north-west, north-west and north-north-west comprise about 30% of all hourly wind directions. This also shows that the wind rarely blows from east-south-east and west-south-west.

Highest maximum temperature recorded was 34.1 °C on 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 200.0 mm on 11 <sup>th</sup> December 1998

### South

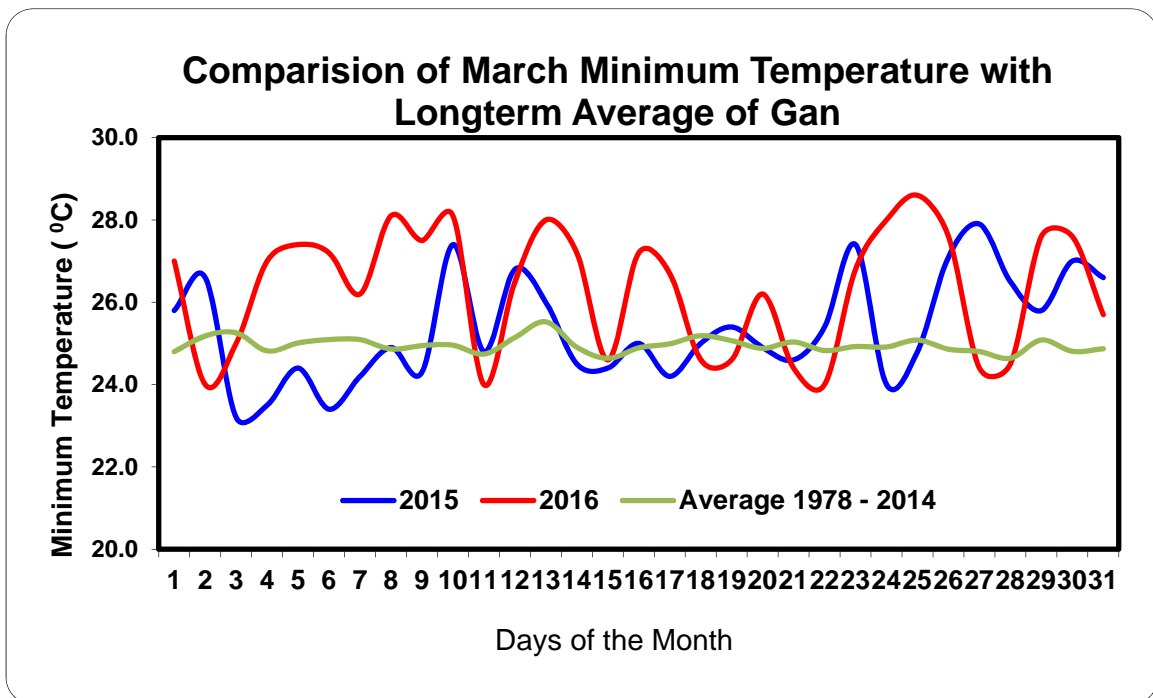
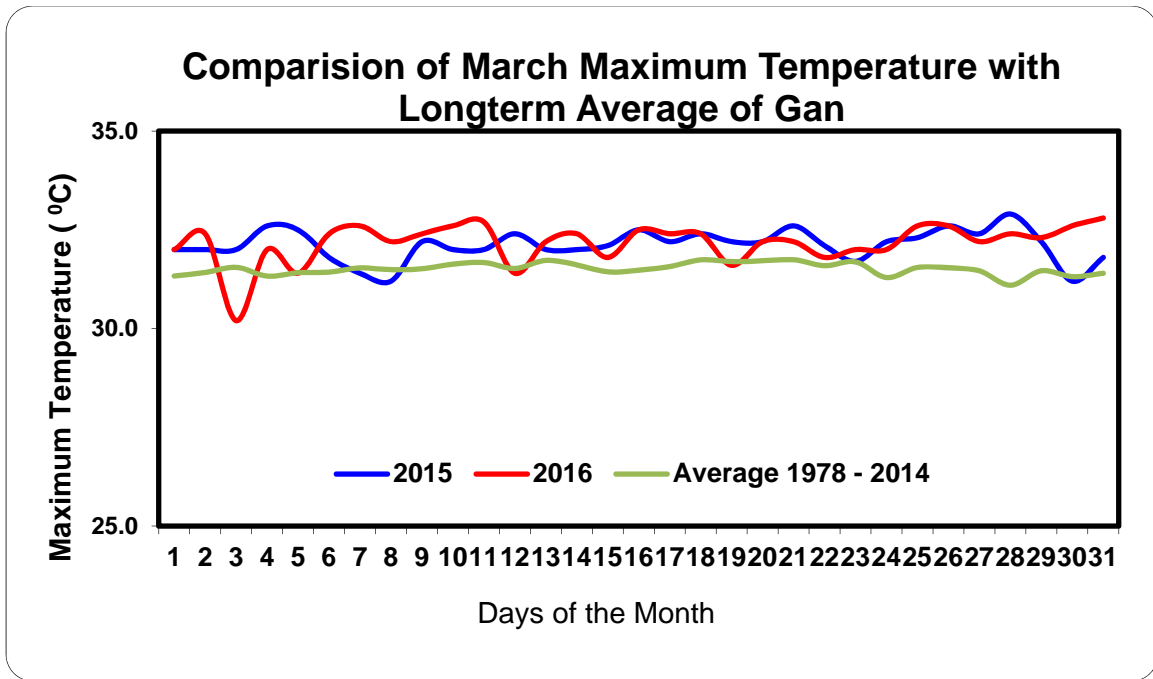
Last March, southern part of the country received a total rainfall of 314 mm. The highest rainfall within 24 hours was recorded on the 02<sup>nd</sup> and amounts to 198 mm of rainfall. The rainfall received in March 2015 was 244 mm less than that of last March. Figure below shows daily total rainfall (2015 and 2016) and daily average rainfall for the Month of March for southern part of Maldives.



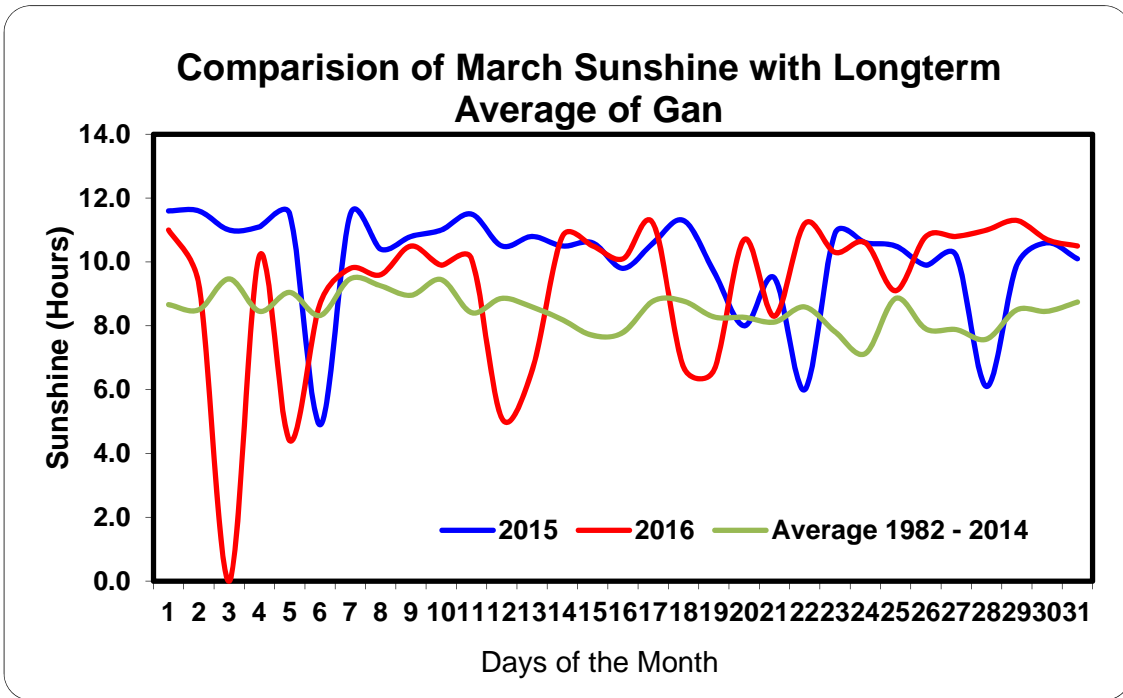
The highest temperature recorded in southern part of the Maldives last March was 33 degree Celsius, which was recorded on the 31<sup>st</sup>. The minimum temperature recorded in the same area for the last month was 24 degree Celsius and was recorded on the 02<sup>nd</sup>, 11<sup>th</sup> and 22<sup>nd</sup> of March. However, the highest temperature recorded in March 2015 in southern parts of the country was 33 degree Celsius, which was recorded on the 28<sup>th</sup>. Furthermore, the minimum temperature recorded in south in March 2015 was 23 degree Celsius, recorded on the 03<sup>rd</sup>. Figure below shows daily maximum and minimum temperature



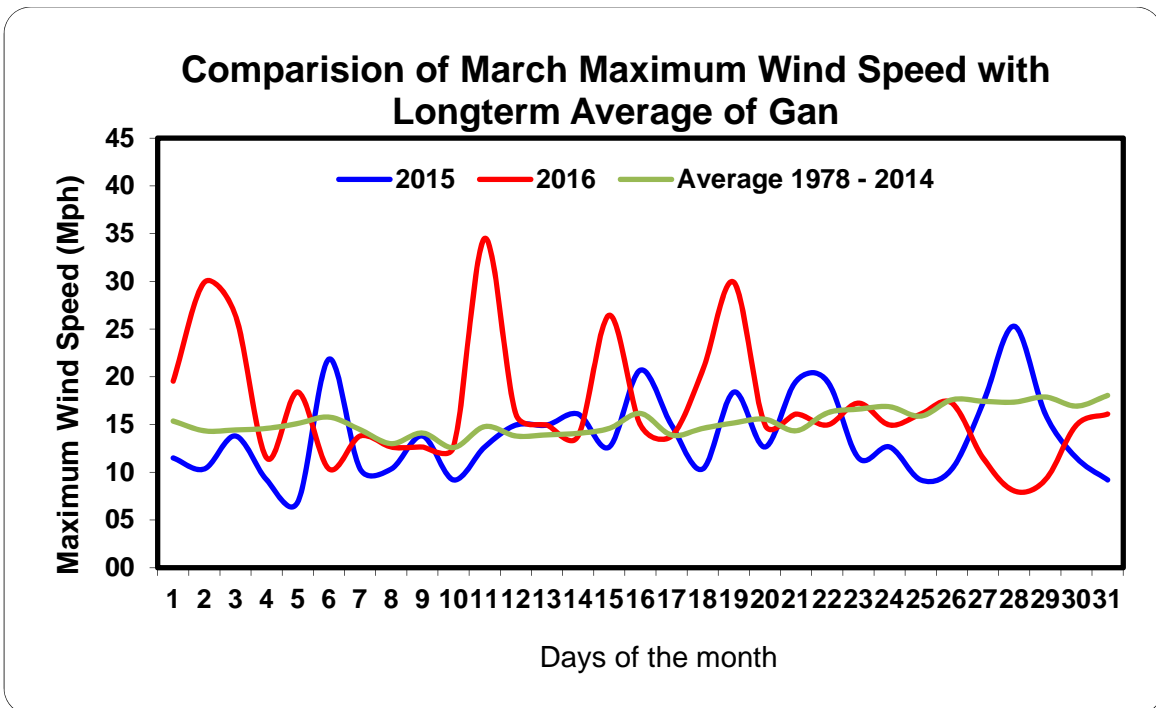
(2015 and 2016) and average maximum and minimum temperature for the Month of March for southern part of Maldives.



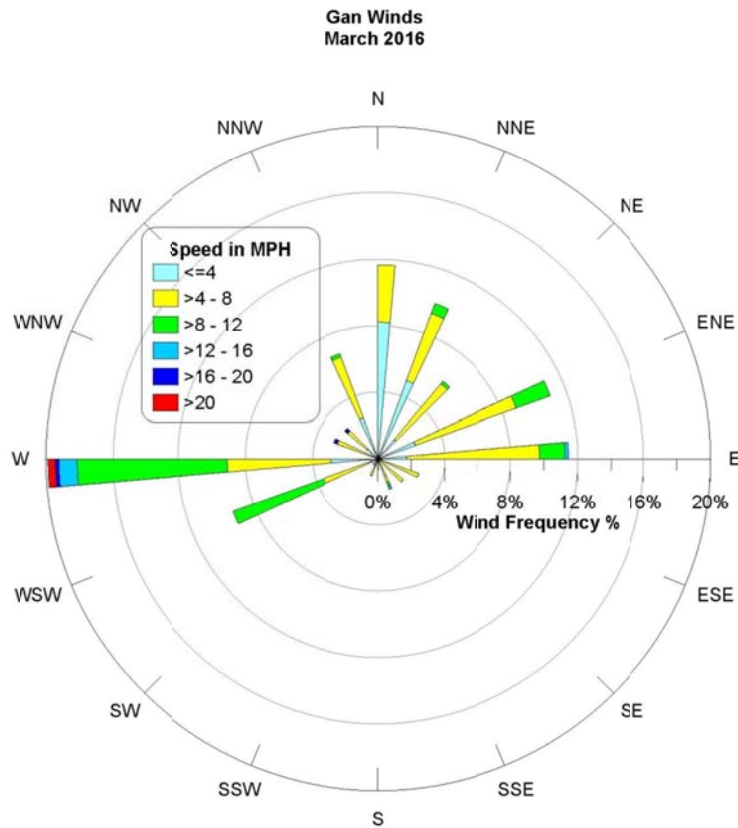
Southern part of the country received sunshine for 30 days last March, which amounts to 286 hours and 24 minutes. Furthermore, in March 2015 southern part of the country received sunshine for 31 days, which amounts to 313 hours. Figure below shows daily sunshine (2015 and 2016) and daily average sunshine for the Month of March for southern part of Maldives.



Last March, the maximum wind speed in south was experienced on the 12<sup>th</sup> at 02:30 hours from *south-south-west* at a speed of 35 mph. However, the maximum wind speed in southern atolls in March 2015 was recorded on the 28<sup>th</sup> at 18:12 hours at a speed of 25 mph from *north-east*. Figure below shows daily maximum wind speed (2015 and 2016) 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 2016.



This is the wind rose for Gan based on hourly wind data of the month March 2016. This rose shows that the winds at Gan during the period blow from the north, east, east-north-east and west much of the time. In fact, the spokes in the directions north-north-east, north-east, west-south-west, and north-north-west comprise about 32% 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
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Lowest minimum temperature recorded was 19.7 °C on 24 <sup>th</sup> March 1986
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Highest wind recorded was 103.5 Miles from SW on 29 <sup>th</sup> May 1991
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Highest rainfall within 24hrs recorded was 228.4 mm on 24 <sup>th</sup> November 2015
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