



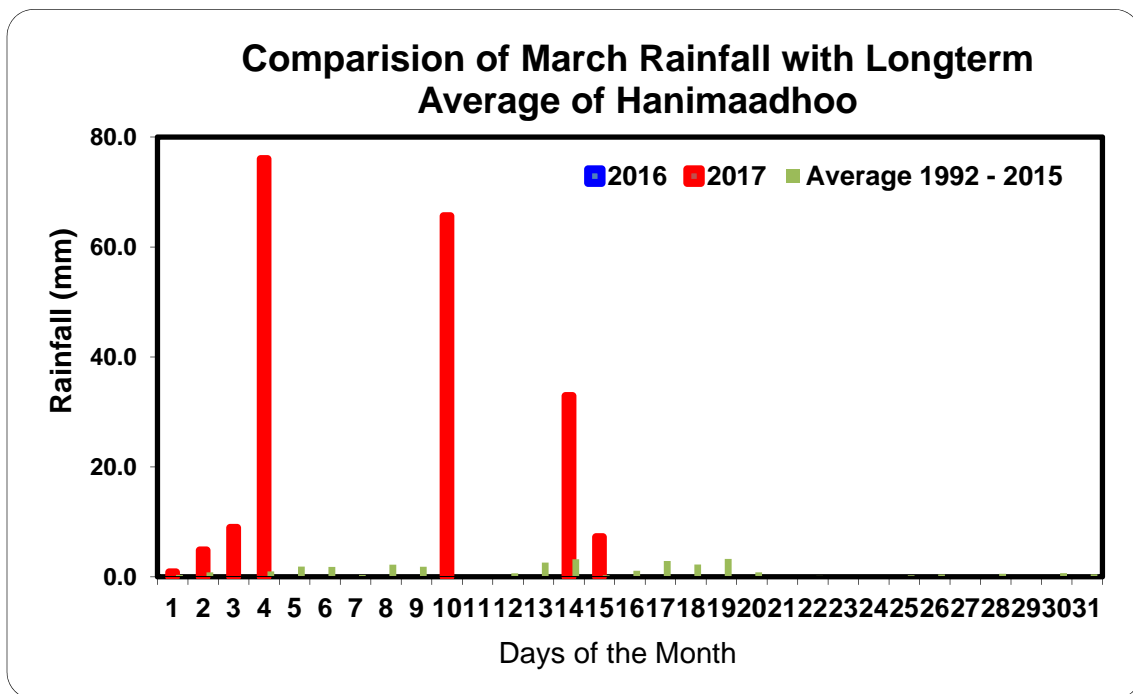
Climate Section
Maldives Meteorological Service
Hulhule

Climate Conditions in March 2017

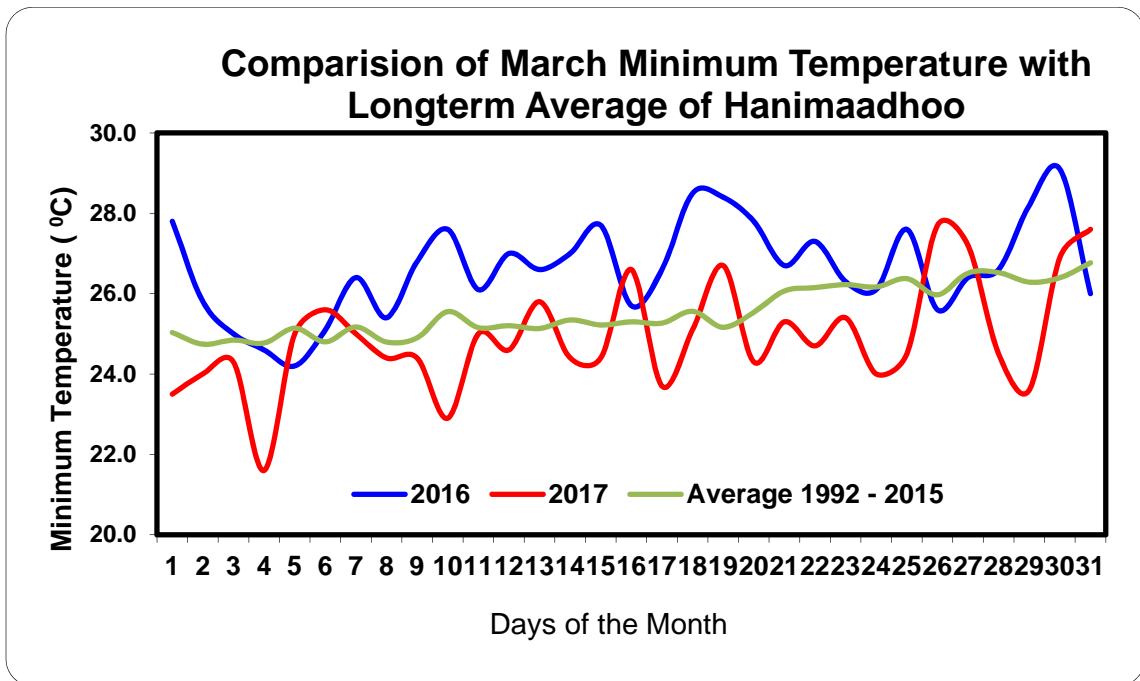
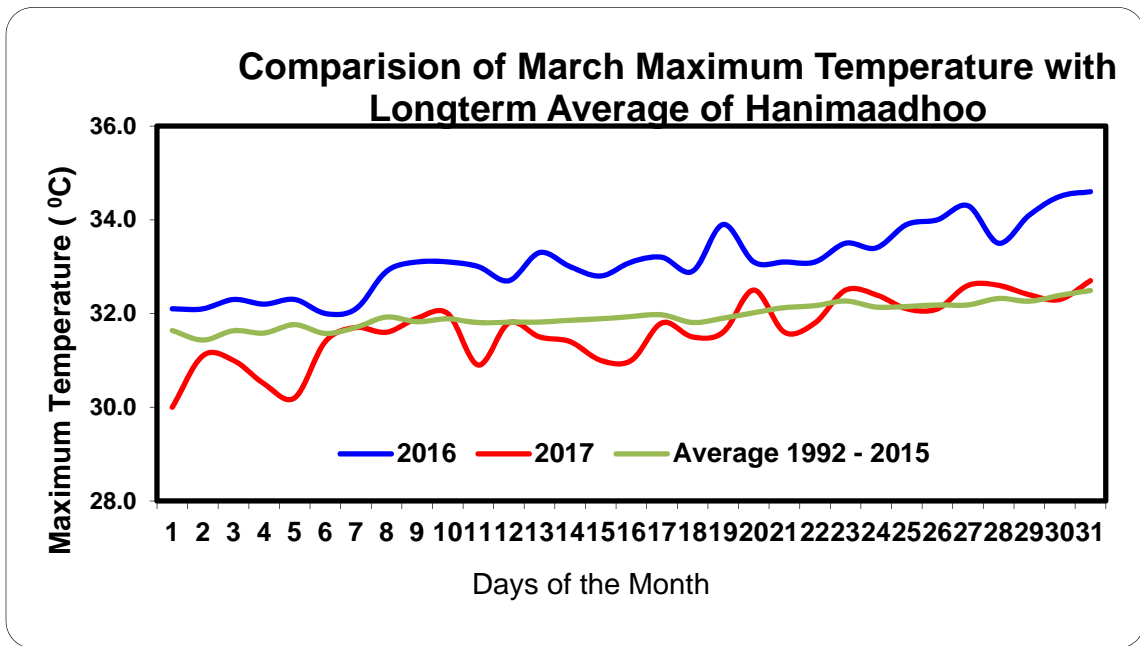
Date: 10th April 2017

North

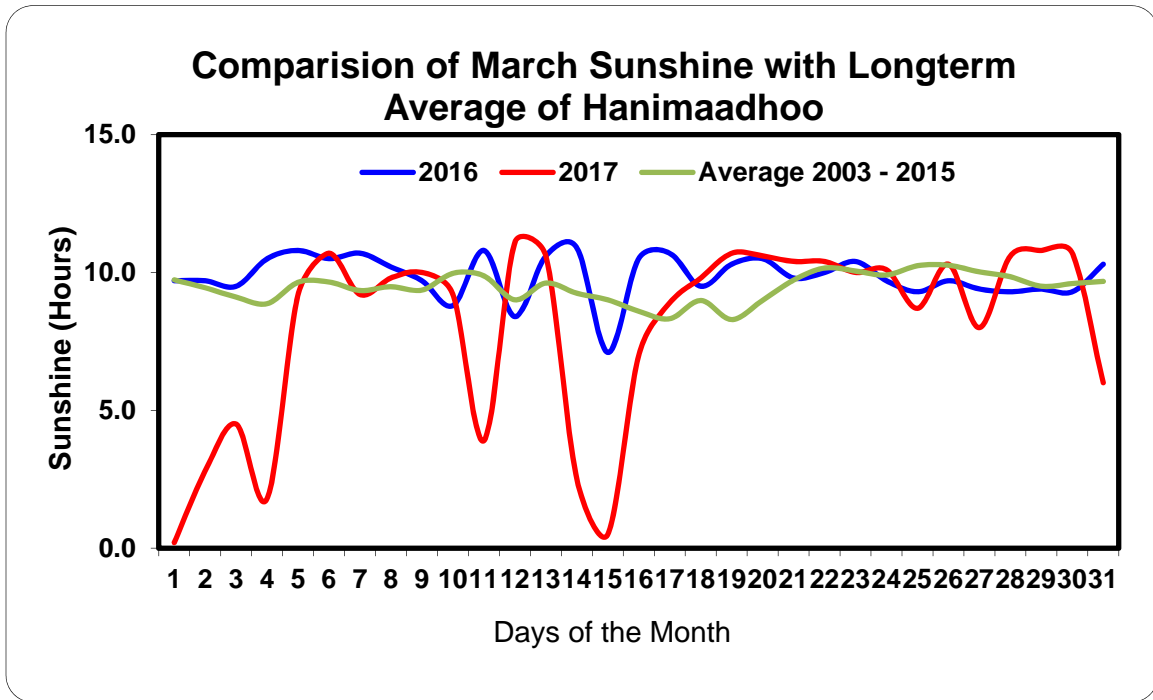
Last March, northern part of the country received a total rainfall of 196 mm. The highest rainfall within 24 hours was recorded on the 4th and amounts to 76 mm of rainfall. There is no rainfall received in March 2016. Figure below shows daily total rainfall (2016 and 2017) and daily average rainfall for the Month of March for northern part of Maldives.



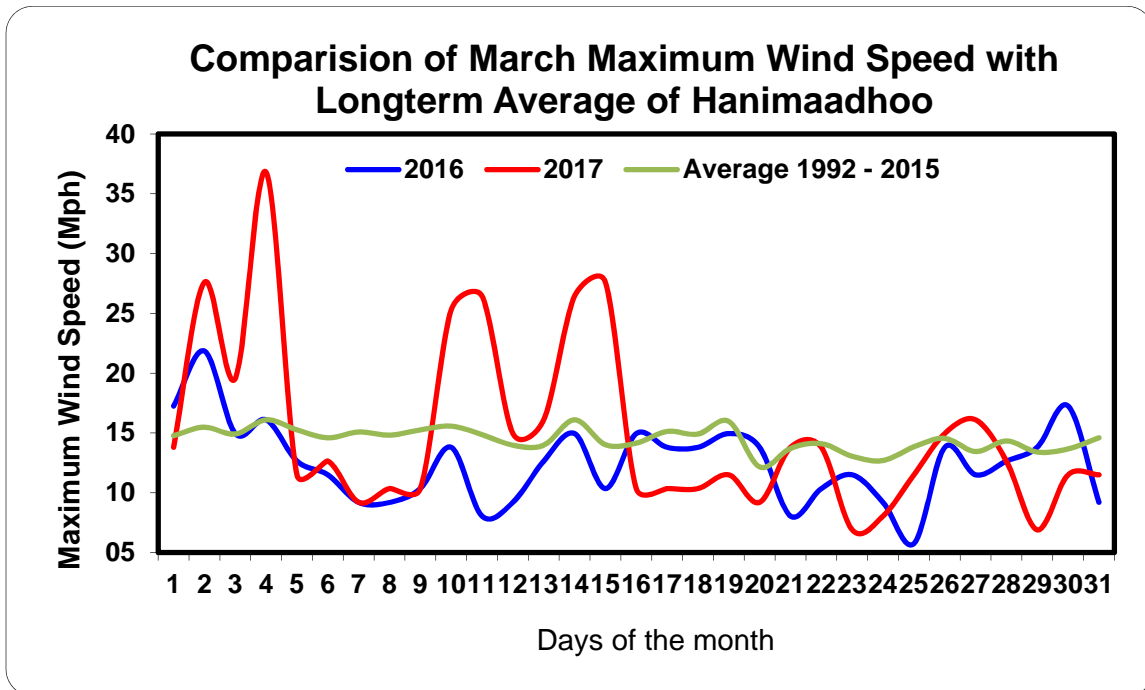
The highest temperature recorded in northern part of the Maldives last March was 33 degree Celsius, which was recorded on 31st. The minimum temperature recorded in the same area for the last month was 22 degree Celsius and was recorded on 4th of March. However, the highest temperature recorded in March 2016 in northern part of the country was 35 degree Celsius, which was recorded on the 31st. Furthermore, the minimum temperature recorded in northern part in March 2016 was 24 degree Celsius, recorded on the 5th. Figure below shows daily maximum and minimum temperature (2016 and 2017) and average maximum and minimum temperature for the Month of March for northern part of Maldives.



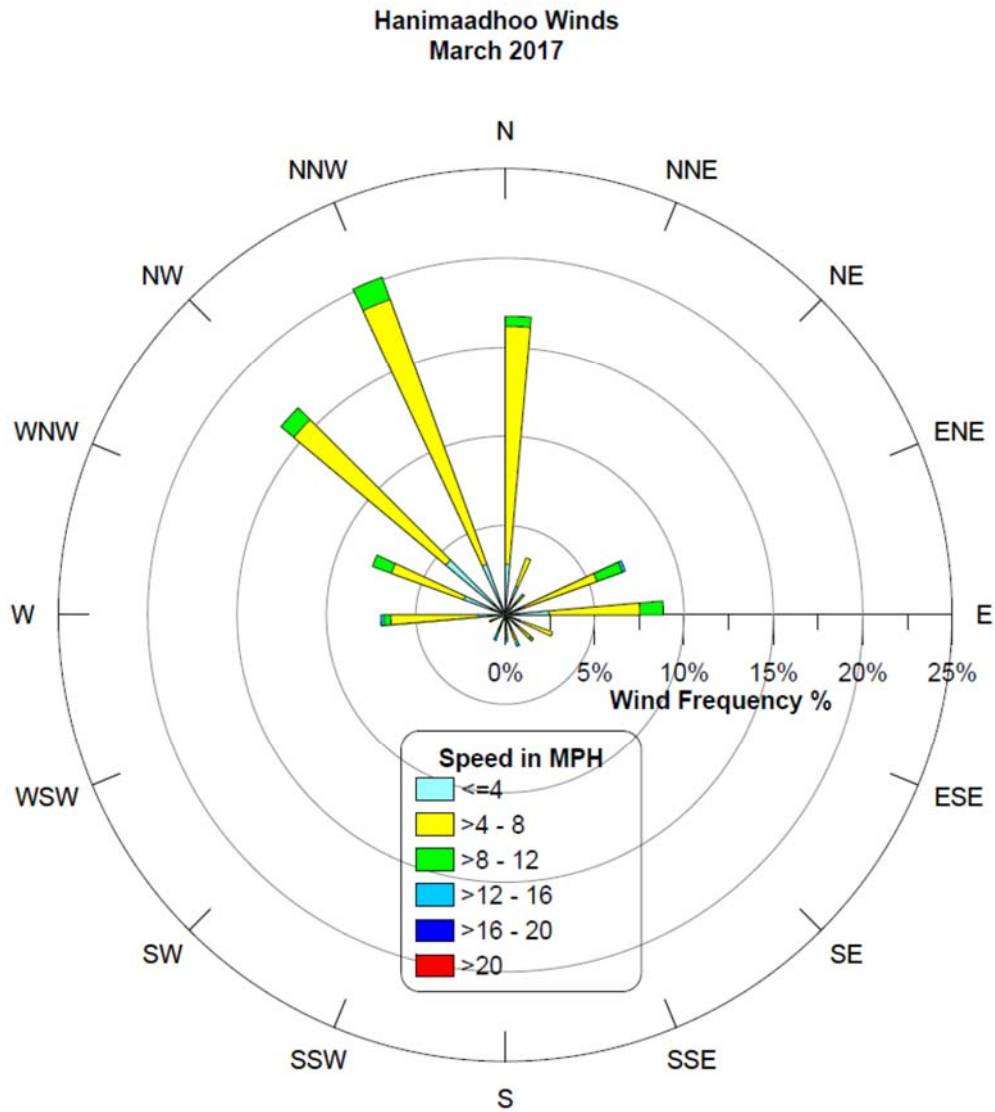
Northern part of the country received sunshine for 31 days last March, which amounts to 249 hours. Furthermore, in March 2016 northern part of the country received sunshine for 31 days, which amounts to 306 hour. Figure below shows daily sunshine (2016 and 2017) and daily average sunshine for the Month of March for northern part of Maldives.



Last March, the maximum wind speed in the northern part was experienced on the 5th at 00:18 hours from *west* at a speed of 37 mph. Furthermore, the maximum wind speed in the northern part in March 2016 was recorded on 2nd at 10:32 hours from *east* at a speed of 22 mph. Figure below shows daily maximum wind speed (2016 and 2017) 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 2017.

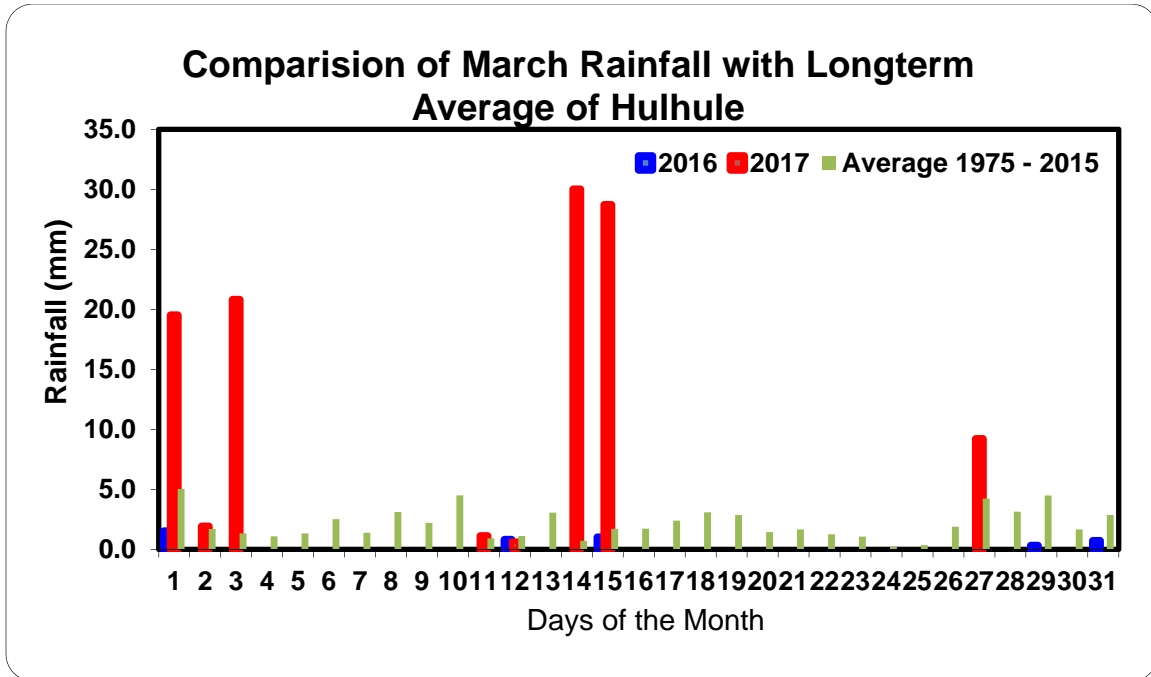


This is the wind rose for Hanimaadhoo based on hourly wind data of the month March 2017. This rose shows that the winds at Hanimaadhoo during the period blow from the *north-north-west* much of the time. In fact, the spokes in the directions *north-west* and *north* comprise about 20% of all hourly wind directions. This also shows that the wind rarely blows from *west*, *west-north-west*, *north-east* and *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 March 1991
Highest rainfall within 24hrs recorded was 146.9 mm on 26 th May 2008

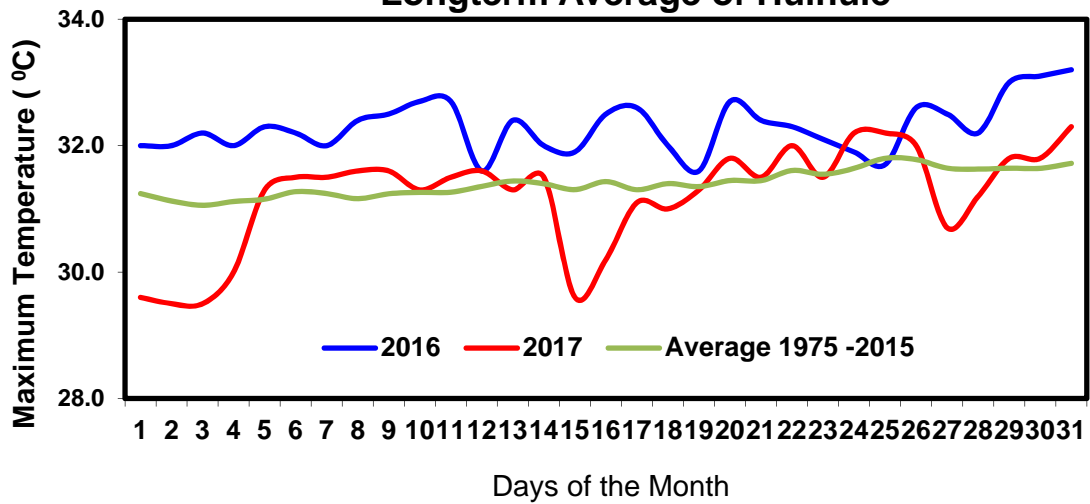
Central part

Last March, central part of the country received a total rainfall of 112 mm. The highest rainfall within 24 hours was recorded on the 14th and amounts to 30 mm of rainfall. The rainfall received in March 2016 was 108 mm less than that of last March. Figure below shows daily total rainfall (2016 and 2017) and daily average rainfall for the Month of March for central part of Maldives.

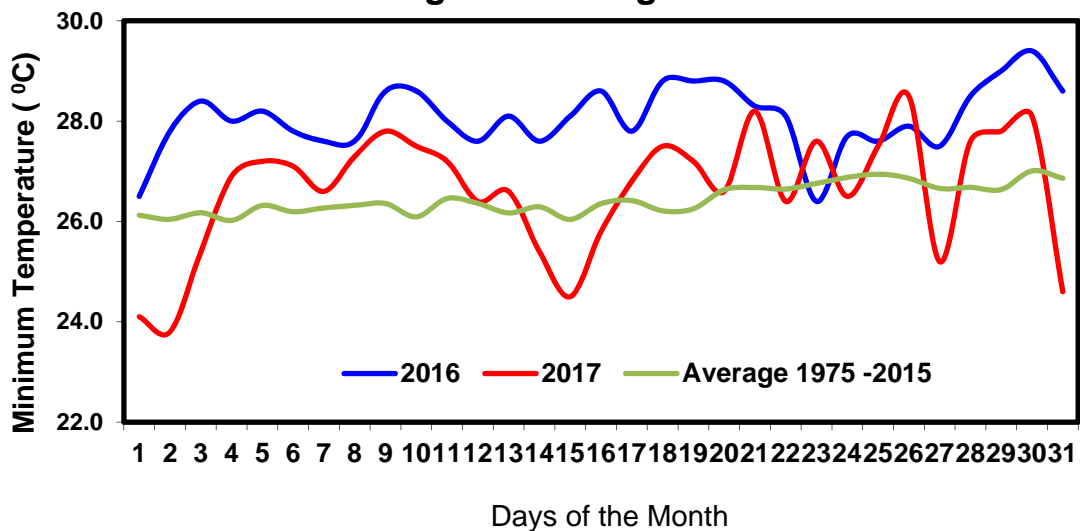


The highest temperature recorded in central part of the Maldives last March was 32 degree Celsius, which was recorded on the 31st. The minimum temperature recorded in the same area for the last month was 24 degree Celsius and was recorded on the 2nd of March. On the other hand, the highest temperature recorded in March 2016 in central part of the country was 33 degree Celsius, which was recorded on the 31st. Furthermore, the minimum temperature recorded in the central part in March 2016 was 26 degree Celsius, recorded on the 23rd. Figure below shows daily maximum and minimum temperature (2016 and 2017) and average maximum and minimum temperature for the Month of March for central part of Maldives.

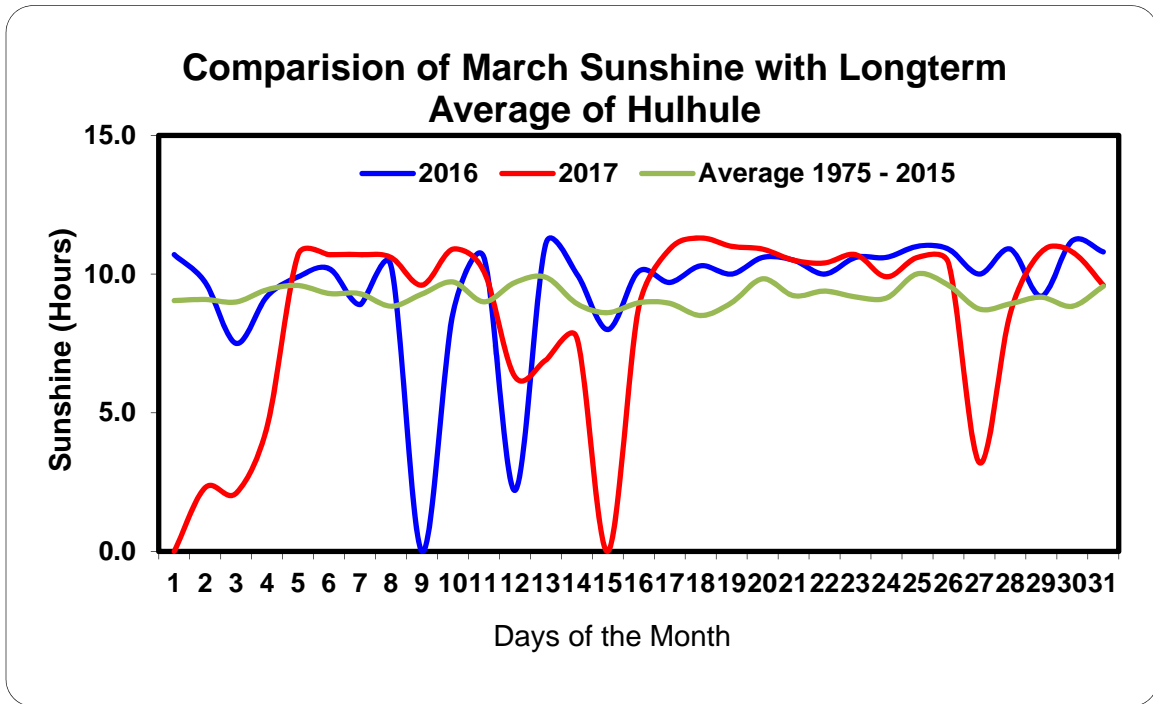
Comparison of March Maximum Temperature with Longterm Average of Hulhule



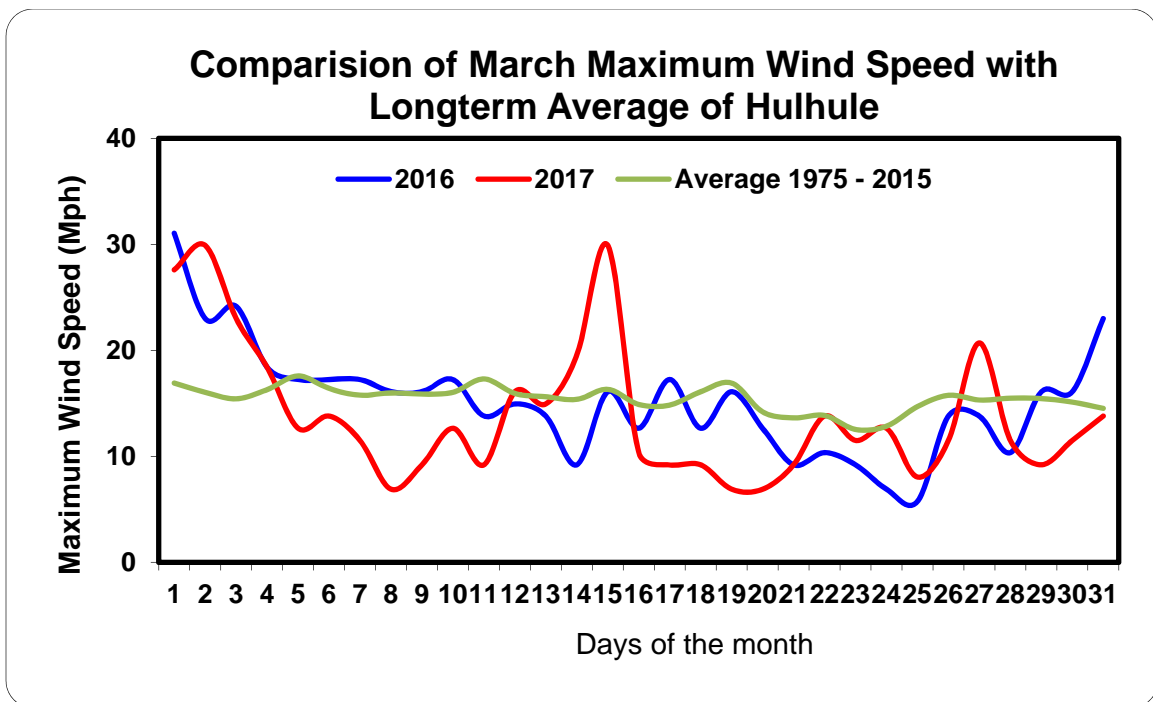
Comparison of March Minimum Temperature with Longterm Average of Hulhule



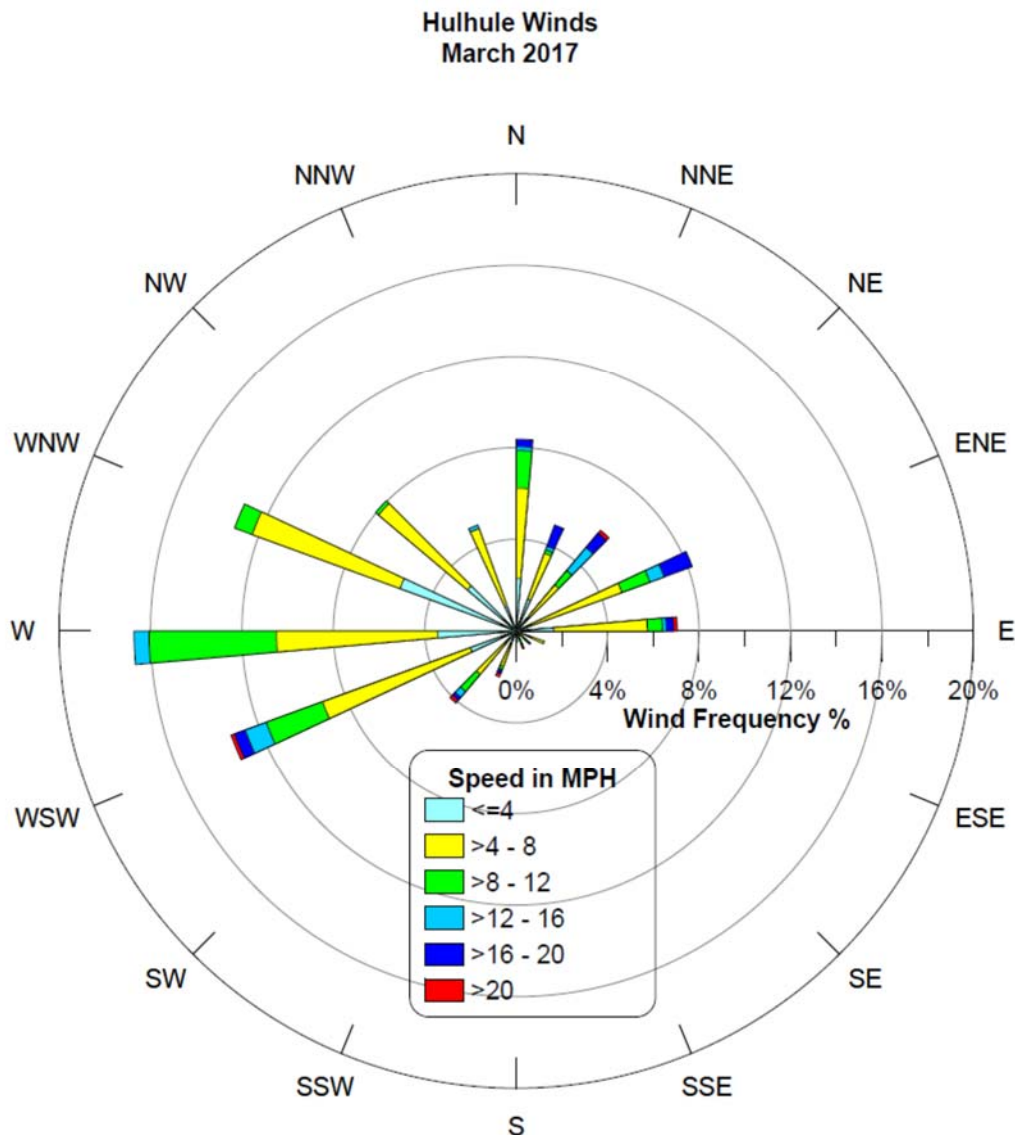
Central part of the country received sunshine for 29 days last March, which amounts to 261 hours 30 minutes. Furthermore, in March 2016 central part of the country received sunshine for 30 days, which amounts to 293 hours 18 minutes. Figure below shows daily sunshine (2016 and 2017) and daily average 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 2nd at 13:45 hours from *north-east* and 4th at 09:13 hours from *south-south-west* at a speed of 30 mph. However, the maximum wind speed in central part in March 2016 was recorded on the 01st at 20:10 hours at a speed of 31 mph from *east-north-east*. Figure below shows daily maximum wind speed (2016 and 2017) 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 2017.

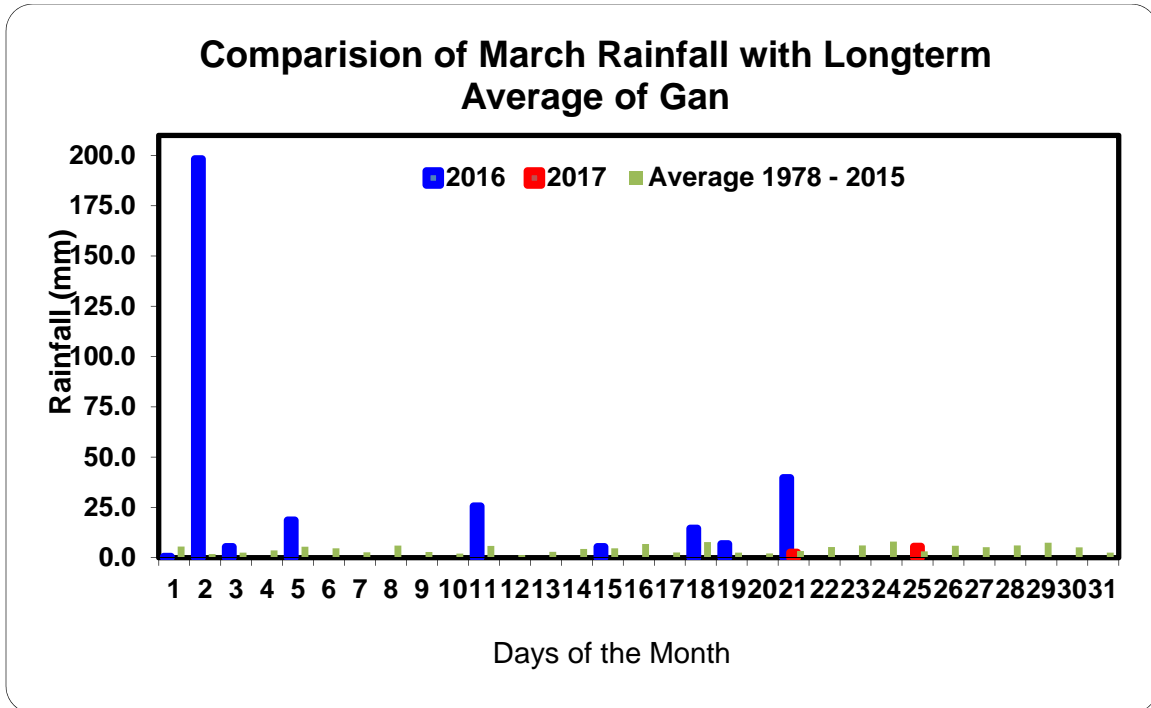


This is the wind rose for Hulhule based on hourly wind data of the month March 2017. This rose shows that the winds at Hulhule during the period blow from the *west* much of the time. In fact, the spokes in the directions *west-south-west*, *west-north-west* and *north* comprise about 16% of all hourly wind directions. This also shows that the wind rarely blows from different directions.

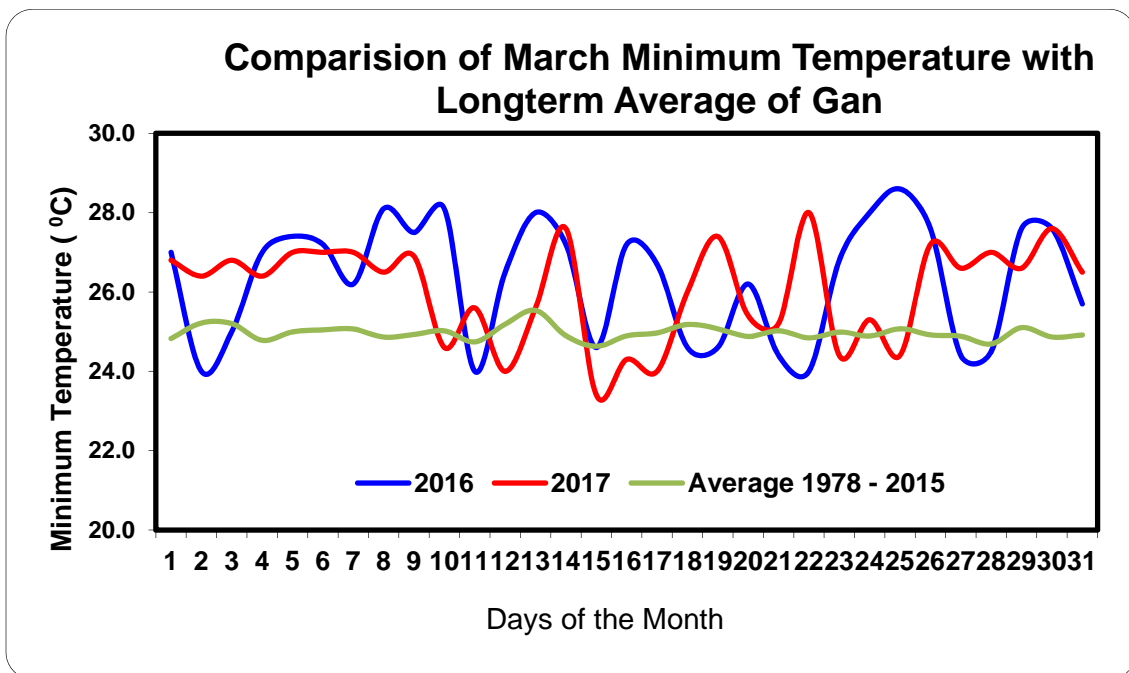
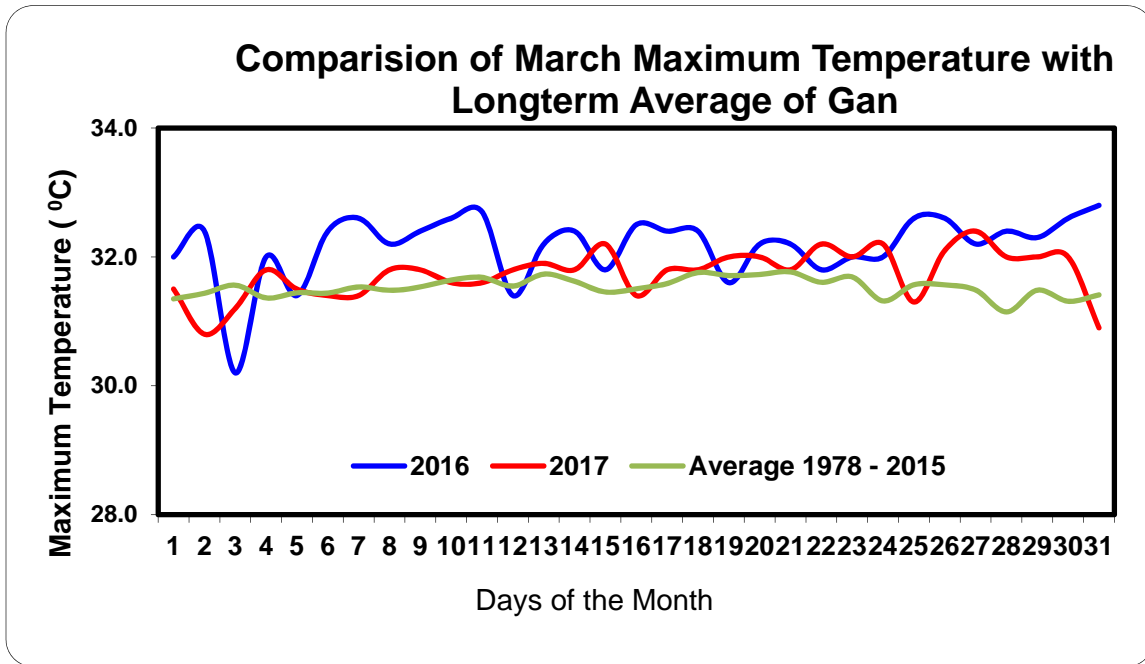
Highest maximum temperature recorded was 34.1 °C on 16 th and 28 th April 1973
Lowest minimum temperature recorded was 19.0 °C on 23 rd November 1984
Highest wind recorded was 71.3 Miles from W on 03 rd November 1978
Highest rainfall within 24hrs recorded was 175.9 mm on 23 rd December 1977 (Hulhule)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

South

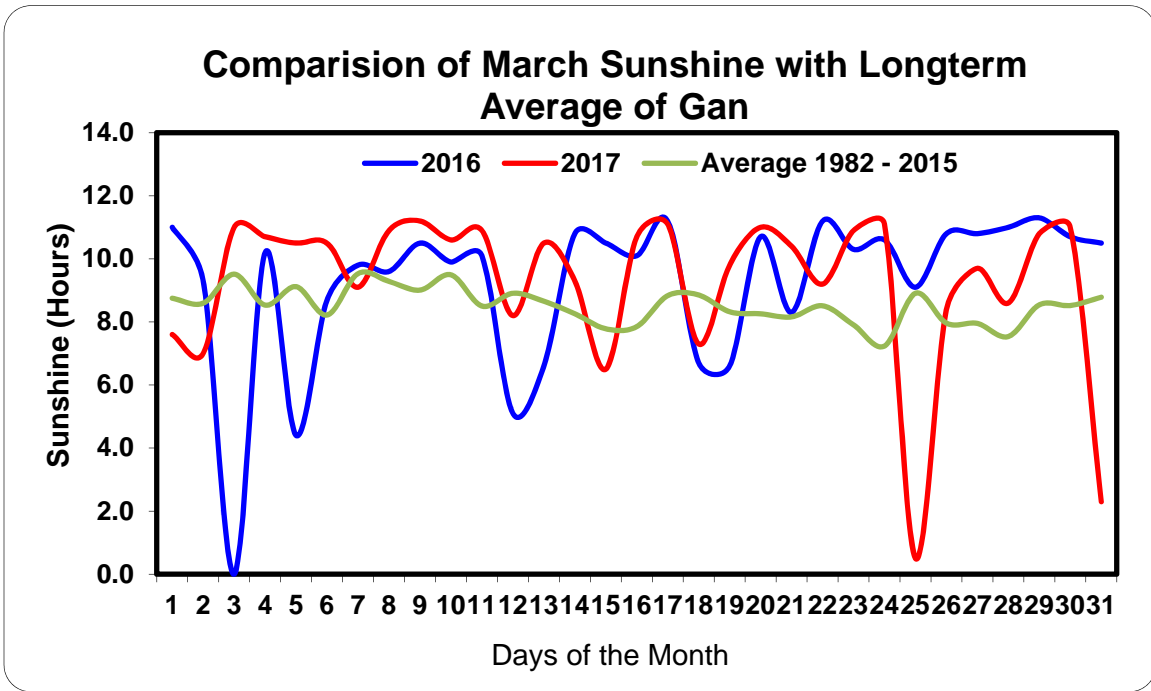
Last March, southern part of the country received a total rainfall of 8 mm. The highest rainfall within 24 hours was recorded on the 25th and amounts to 5 mm of rainfall. The rainfall received in March 2016 was 306 mm more than that of last March. Figure below shows daily total rainfall (2016 and 2017) and daily average rainfall for the Month of March for southern part of Maldives.



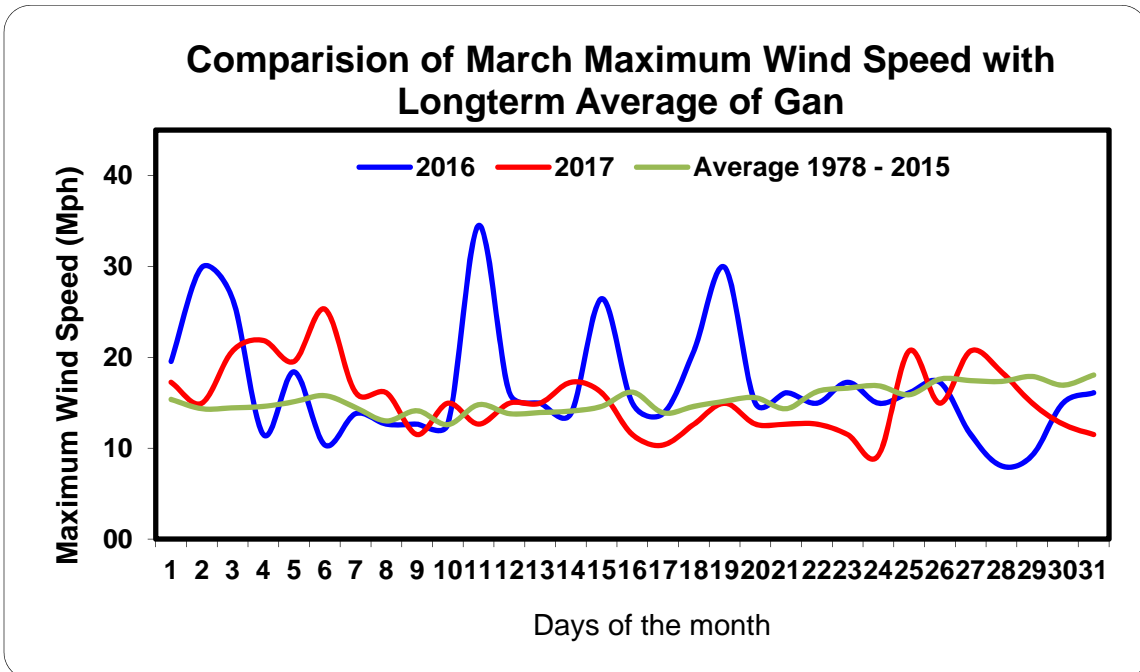
The highest temperature recorded in southern part of the Maldives last March was 32 degree Celsius, which was recorded on the 27th. The minimum temperature recorded in the same area for the last month was 23 degree Celsius and was recorded on the 15th of March. However, the highest temperature recorded in March 2016 in southern parts of the country was 33 degree Celsius, which was recorded on the 31st. Furthermore, the minimum temperature recorded in south in March 2016 was 24 degree Celsius, recorded on the 2nd, 11th and 22nd. Figure below shows daily maximum and minimum temperature (2016 and 2017) and average maximum and minimum temperature for the Month of March for southern part of Maldives.



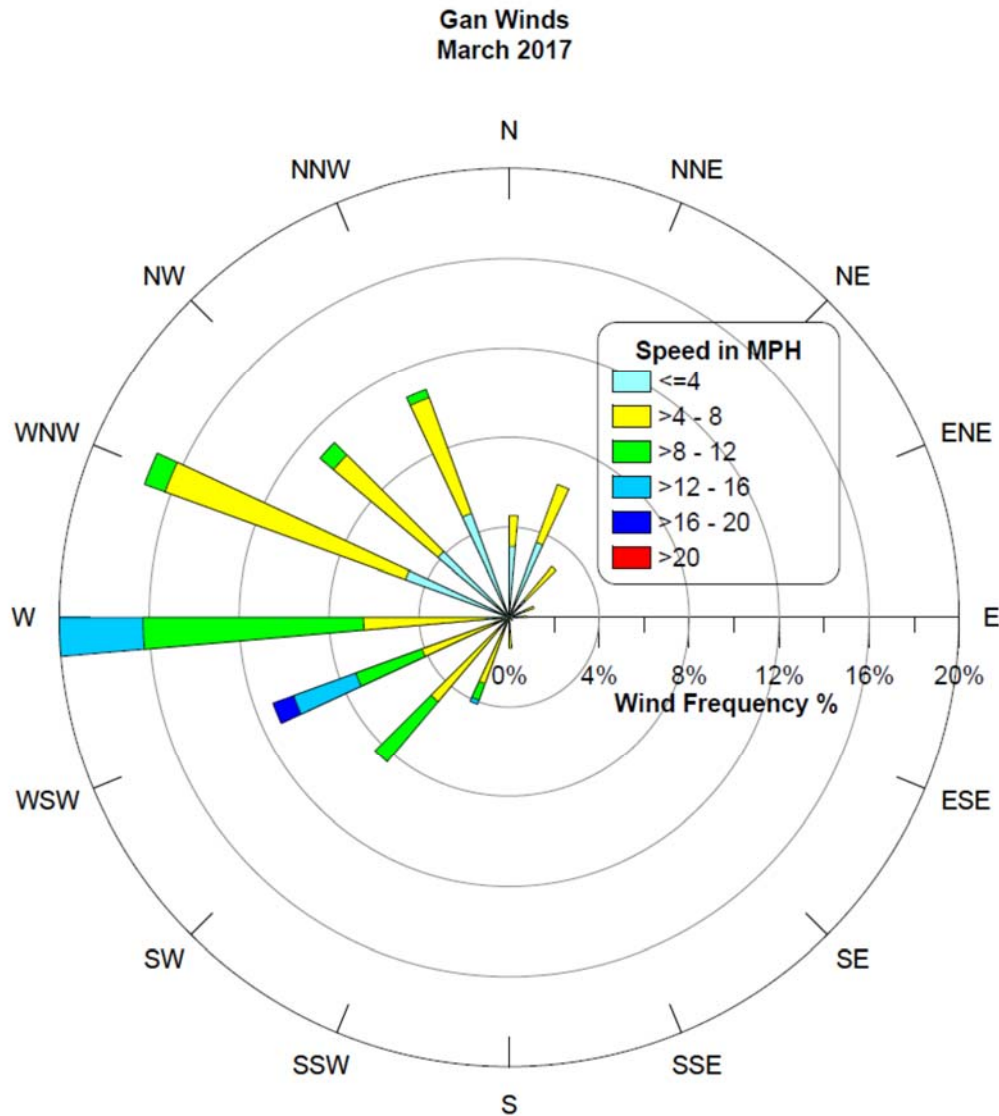
Southern part of the country received sunshine for 31 days last March, which amounts to 287 hours and 18 minutes. Furthermore, in March 2016 southern part of the country received sunshine for 30 days, which amounts to 287 hours 18 minutes. Figure below shows daily sunshine (2016 and 2017) and daily average sunshine for the Month of March for southern part of Maldives.



Last March, the maximum wind speed in south was experienced on the 6th at 12:40 hours from *west* at a speed of 25 mph. However, the maximum wind speed in southern atolls in March 2016 was recorded on the 12th at 02:30 hours at a speed of 35 mph from *south-south-west*. Figure below shows daily maximum wind speed (2016 and 2017) 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 2017.



This is the wind rose for Gan based on hourly wind data of the month March 2017. This rose shows that the winds at Gan during the period blow from the *west* and *west-north-west* much of the time. In fact, the spokes in the directions *south-west*, *west-south-west*, *north-west* and *north-north-west* comprise about 12% 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