



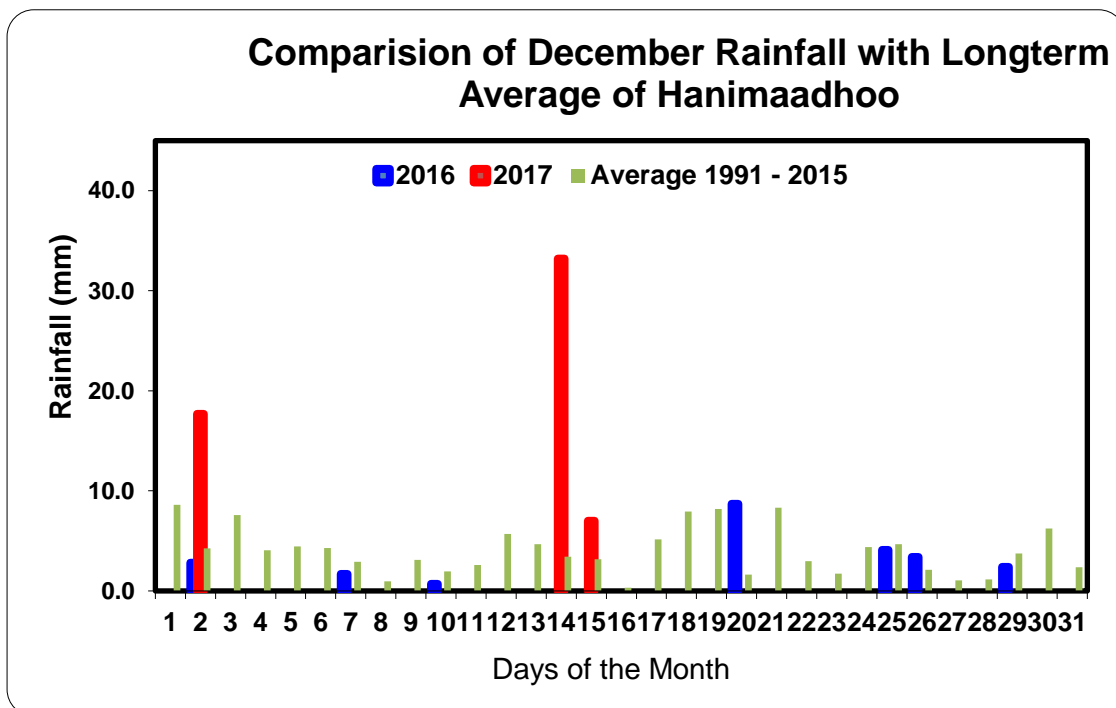
Climate Section
Maldives Meteorological Service
Hulhule

Climate Conditions in December 2017

Date: 11th January 2018

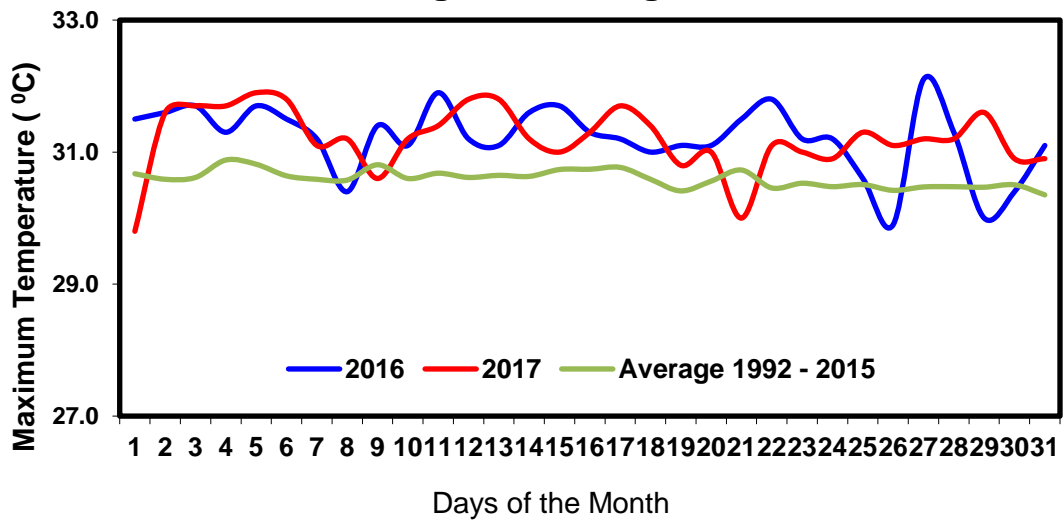
North

Last December, northern part of the country received a total rainfall of 58 mm. The highest rainfall within 24 hours was recorded on the 14th and amounts to 33 mm of rainfall. The rainfall received in December 2016 was 34 mm less than that of last December. Figure below shows daily total rainfall (2016 and 2017) and daily average rainfall for the Month of December for northern part of Maldives.

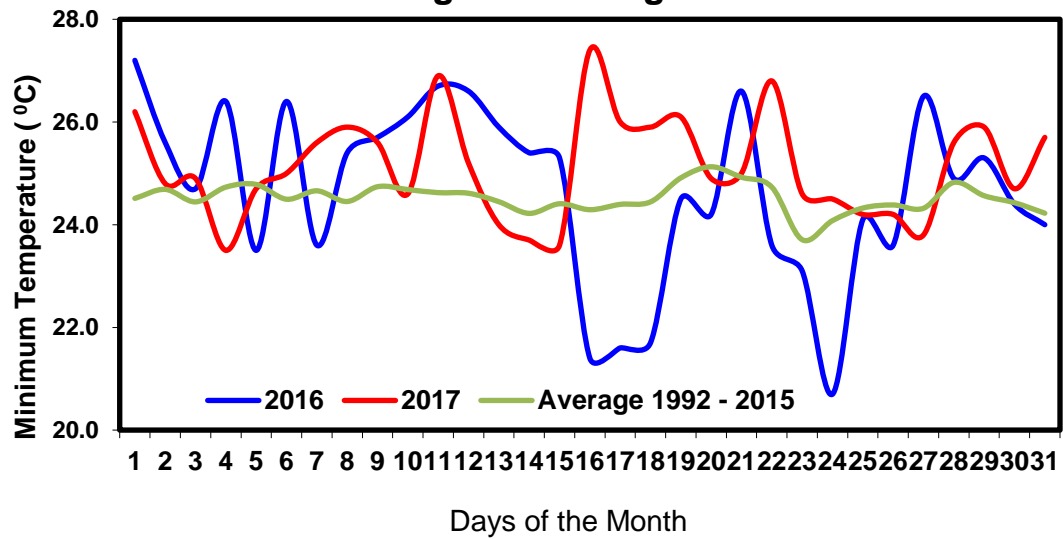


The highest temperature recorded in northern part of the Maldives last December was 32 degree Celsius, which was recorded on 5th. The minimum temperature recorded in the same area for the last month was 24 degree Celsius and was recorded on 4th of December. However, the highest temperature recorded in December 2016 in northern part of the country was 32 degree Celsius, which was recorded on the 27th. Furthermore, the minimum temperature recorded in northern part in December 2016 was 21 degree Celsius, recorded on the 24th. Figure below shows daily maximum and minimum temperature (2016 and 2017) and average maximum and minimum temperature for the Month of December for northern part of Maldives.

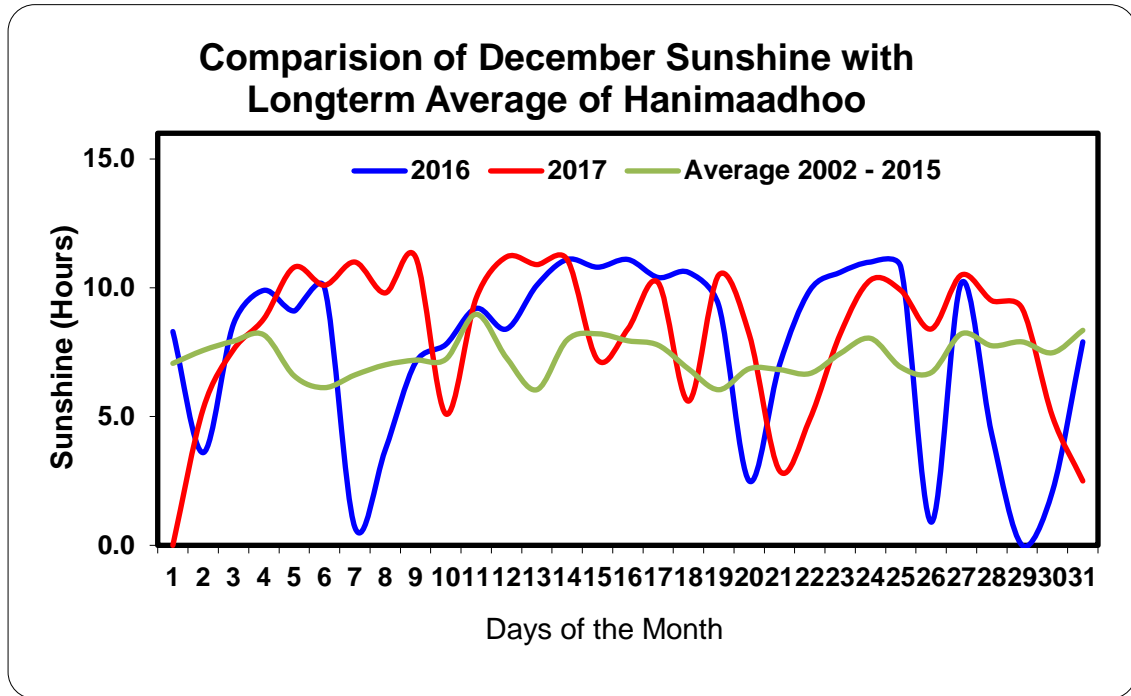
Comparison of December Maximum Temperature with Longterm Average of Hanimaadhoo



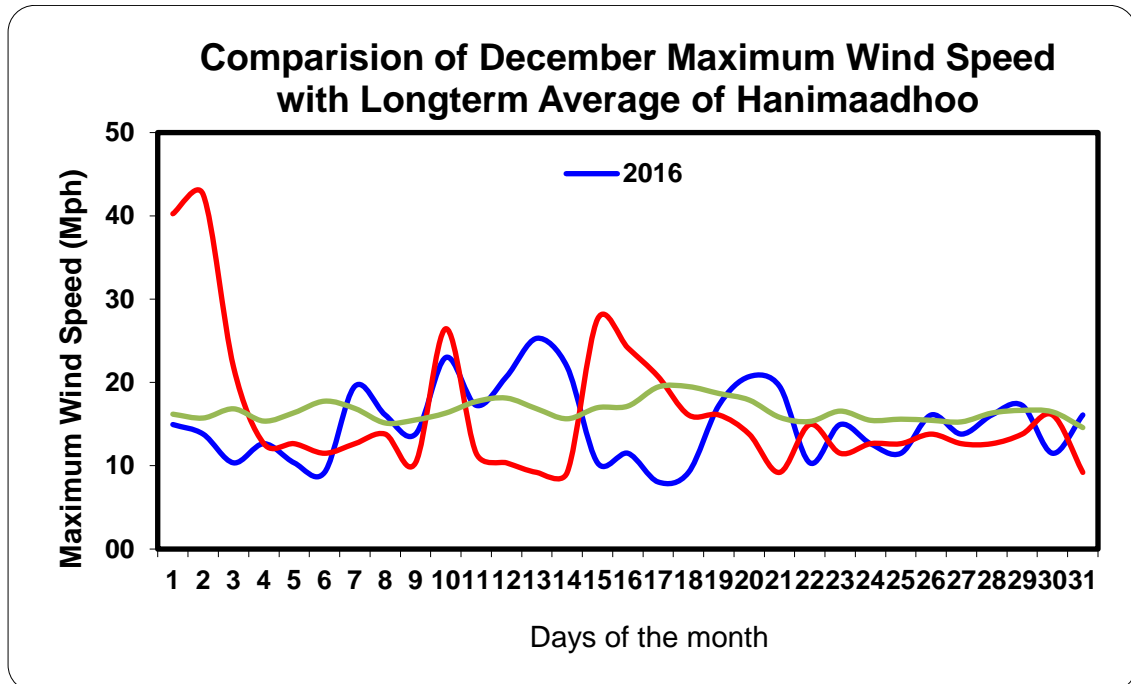
Comparison of December Minimum Temperature with Longterm Average of Hanimaadhoo



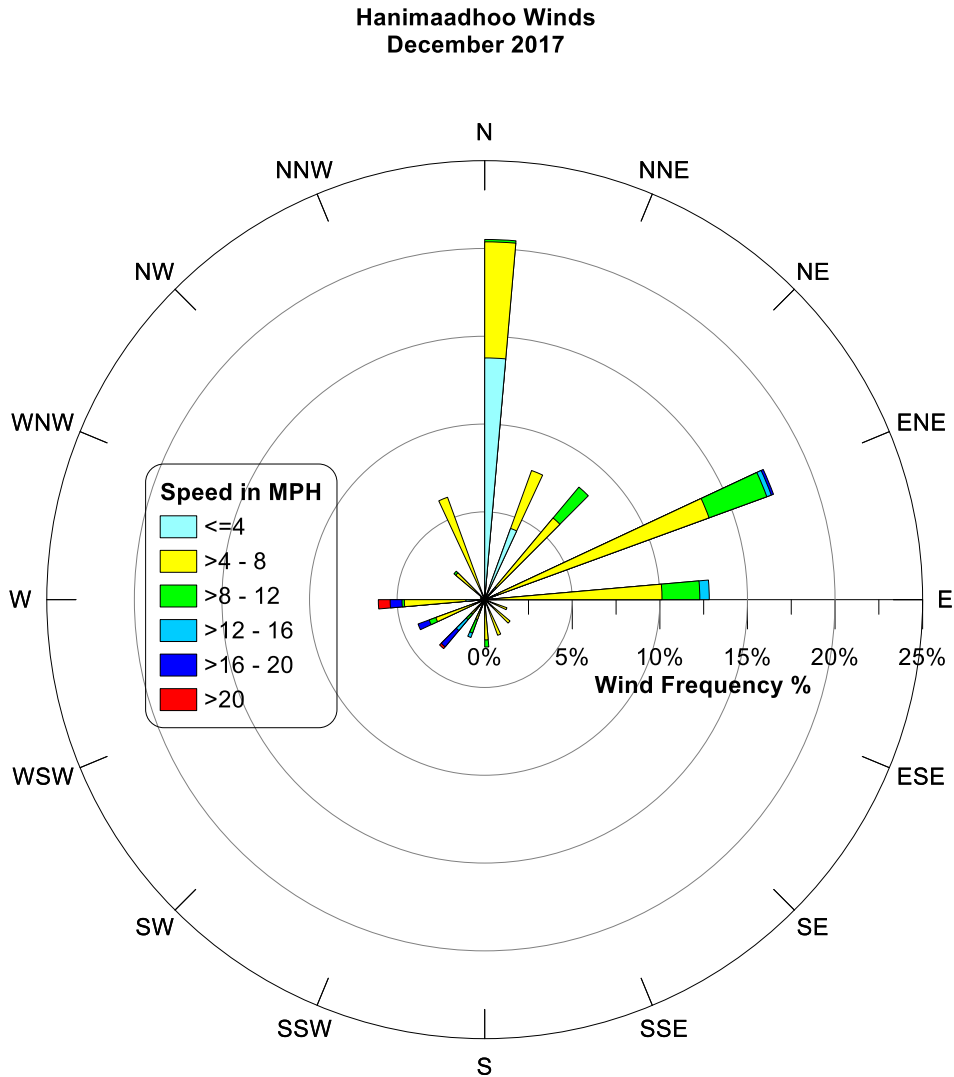
Northern part of the country received sunshine for 30 days last December, which amounts to 253 hours and 54 minutes. Furthermore, in December 2016 northern part of the country received sunshine for 30 days, which amounts to 237 hours. Figure below shows daily sunshine (2016 and 2017) and daily average sunshine for the Month of December for northern part of Maldives.



Last December, the maximum wind speed in the northern part was experienced on the 2nd at 13:57 hours from *west-south-west* at a speed of 43 mph. Furthermore, the maximum wind speed in the northern part in December 2016 was recorded on 13th at 10:52 hours from *west-north-west* at a speed of 25 mph. Figure below shows daily maximum wind speed (2016 and 2017) and daily average maximum wind speed for the Month of December for northern part of Maldives.



Below is wind frequency chart (Wind rose) of Hanimaadhoo for December 2017.



This is the wind rose for Hanimaadhoo based on hourly wind data of the month December 2017. 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 *east-north-east* and *east* comprise about 31% of all hourly wind directions. This also shows that the wind rarely blows from other directions.

Highest maximum temperature recorded was 35.0 °C on 30 th April 2016

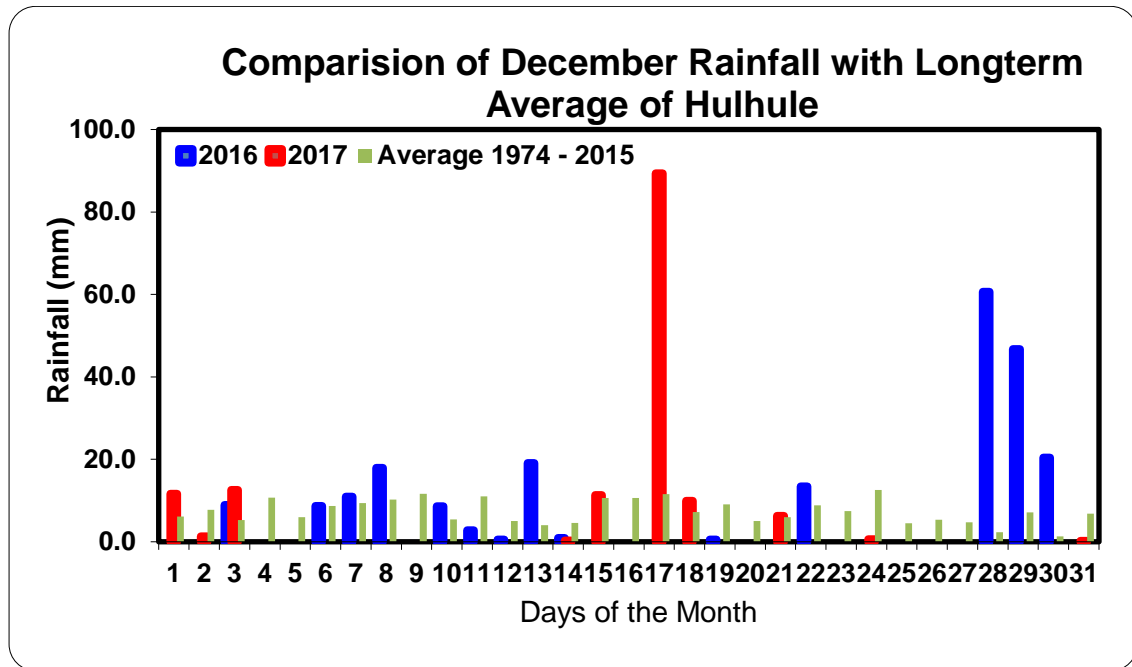
Lowest minimum temperature recorded was 18.2 °C on 23 rd December 2002

Highest wind recorded was 87.4 Miles from NNW on 03 rd February 1991

Highest rainfall within 24hrs recorded was 189.0 mm on 31 st May 2017
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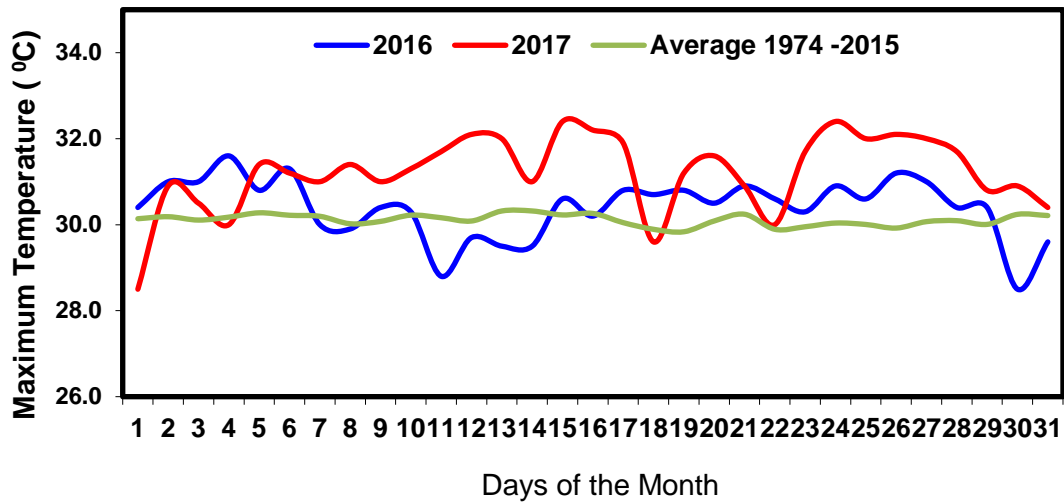
Central part

Last December, central part of the country received a total rainfall of 144 mm. The highest rainfall within 24 hours was recorded on the 17th and amounts to 89 mm of rainfall. The rainfall received in December 2016 was 76 mm more than that of last December. Figure below shows daily total rainfall (2016 and 2017) and daily average rainfall for the Month of December for central part of Maldives.

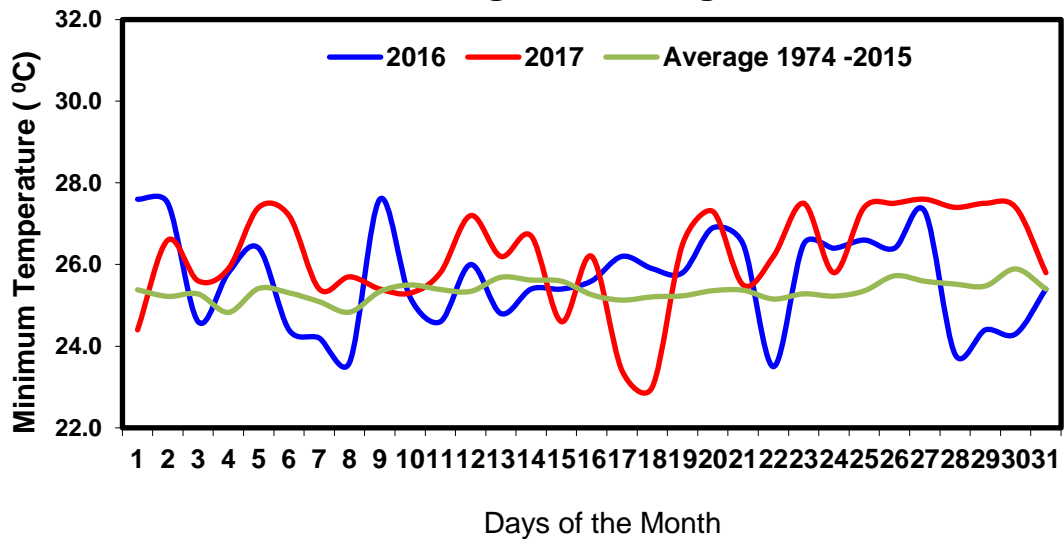


The highest temperature recorded in central part of the Maldives last December was 32 degree Celsius, which was recorded on the 15th and 24th. The minimum temperature recorded in the same area for the last month was 23 degree Celsius and was recorded on the 18th of December. On the other hand, the highest temperature recorded in December 2016 in central part of the country was 32 degree Celsius, which was recorded on the 4th. Furthermore, the minimum temperature recorded in the central part in December 2016 was 24 degree Celsius, recorded on the 22nd. Figure below shows daily maximum and minimum temperature (2016 and 2017) and average maximum and minimum temperature for the Month of December for central part of Maldives.

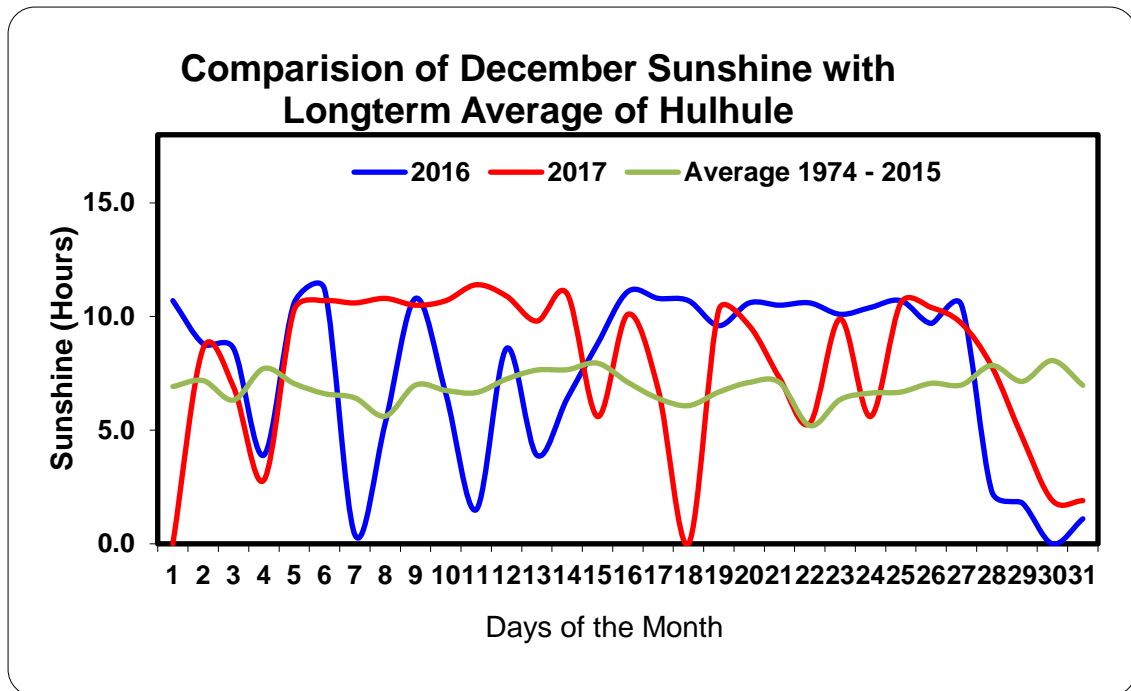
Comparison of December Maximum Temperature with Longterm Average of Hulhule



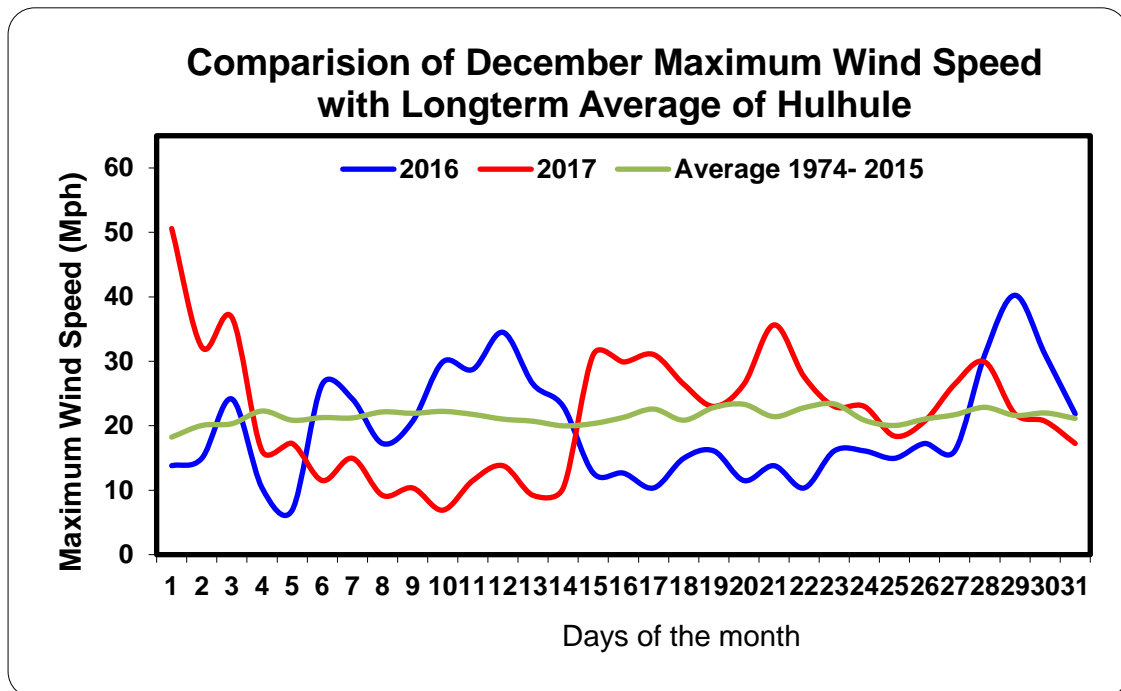
Comparison of December Minimum Temperature with Longterm Average of Hulhule



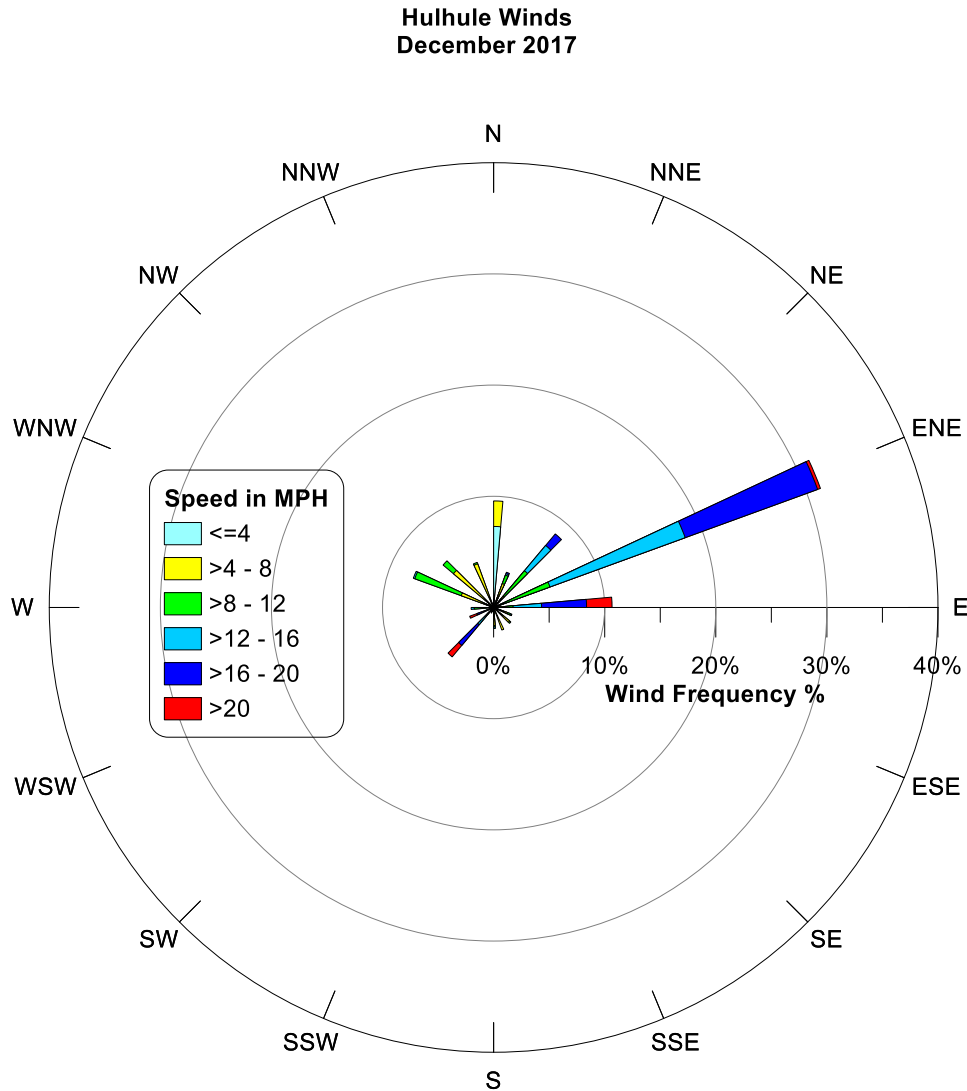
Central part of the country received sunshine for 29 days last December, which amounts to 242 hours 30 minutes. Furthermore, in December 2016 central part of the country received sunshine for 30 days, which amounts to 236 hours 36 minutes. Figure below shows daily sunshine (2016 and 2017) and daily average sunshine for the Month of December for central part of Maldives.



Last December, the maximum wind speed in Central part of the country was experienced on the 1st at 09:18 hours from *west* at a speed of 51 mph. However, the maximum wind speed in central part in December 2016 was recorded on the 30th at 02:30 hours at a speed of 40 mph from *east*. Figure below shows daily maximum wind speed (2016 and 2017) and daily average maximum wind speed for the Month of December for central part of Maldives.



Below is wind frequency chart (Wind rose) of Hulhule for December 2017.

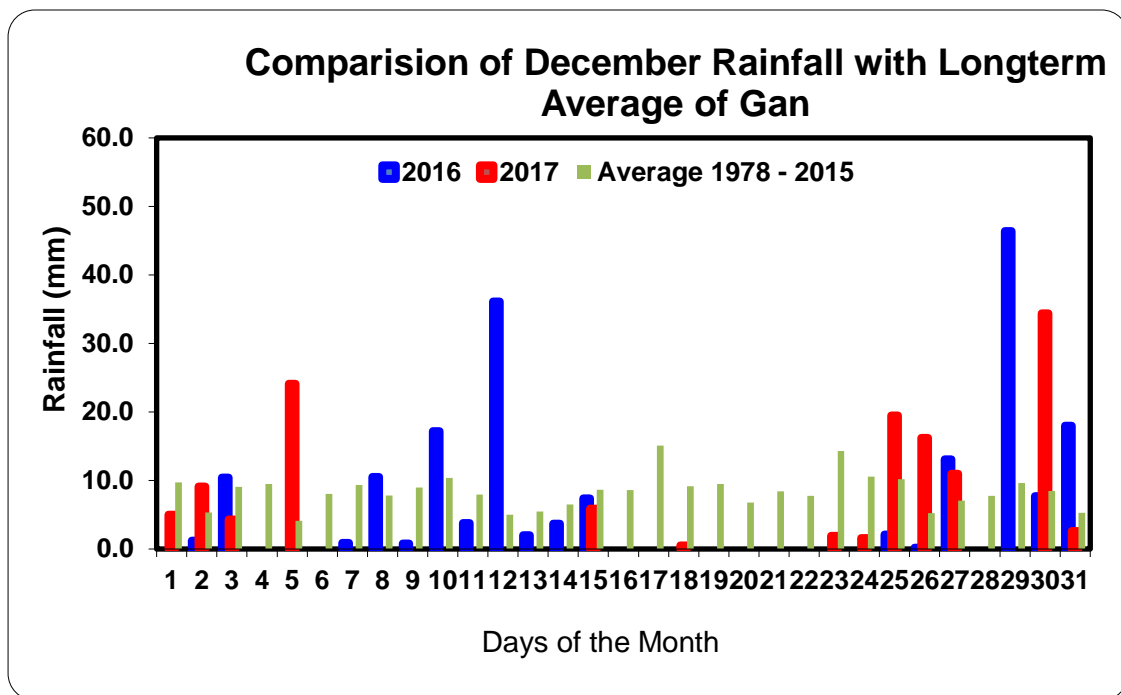


This is the wind rose for Hulhule based on hourly wind data of the month December 2017. This rose shows that the winds at Hulhule during the period blow from the *east-north-east* much of the time. In fact, the spokes in the directions *east* comprise about 11% of all hourly wind directions. This also shows that the wind rarely blows from other directions.

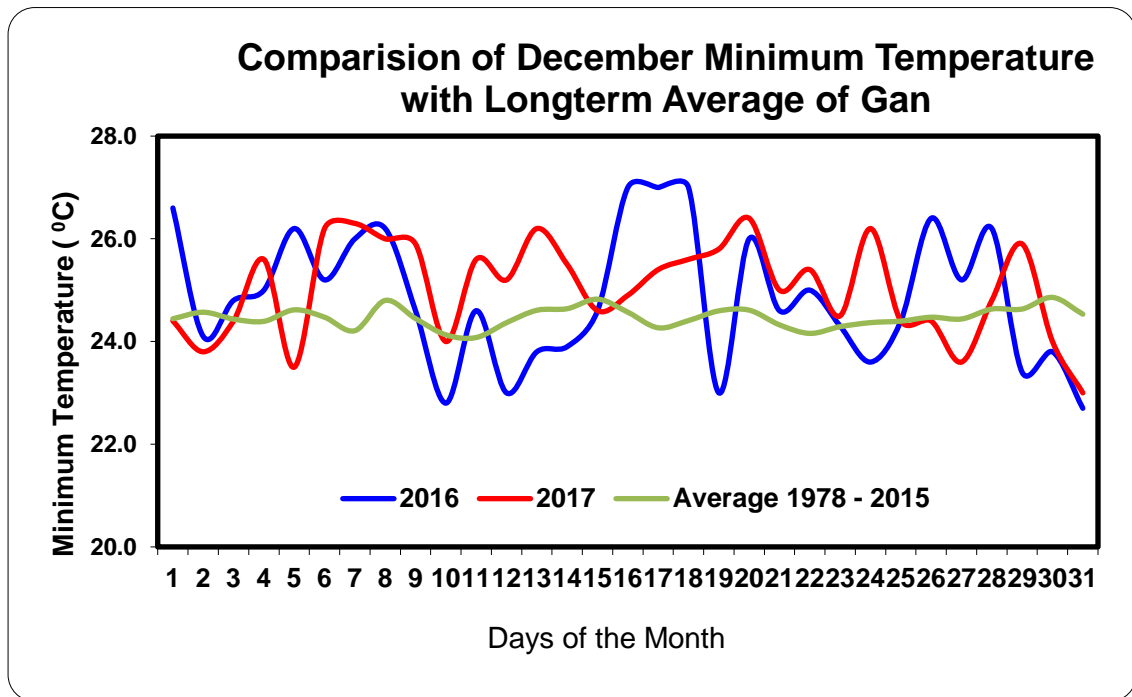
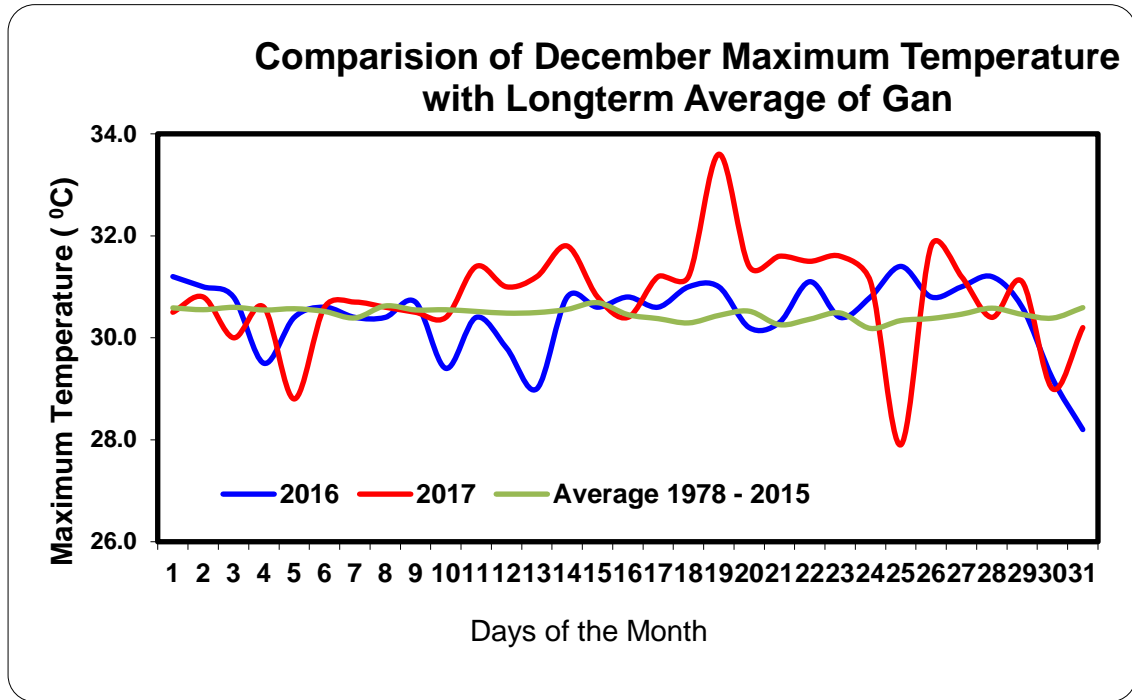
Highest maximum temperature recorded was 34.1 °C on 16 th and 28 th April 1973
Lowest minimum temperature recorded was 19.0 °C on 23 rd November 1984
Highest wind recorded was 71.3 Miles from W on 03 rd November 1978
Highest rainfall within 24hrs recorded was 175.9 mm on 23 rd December 1977 (Hulhule)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

South

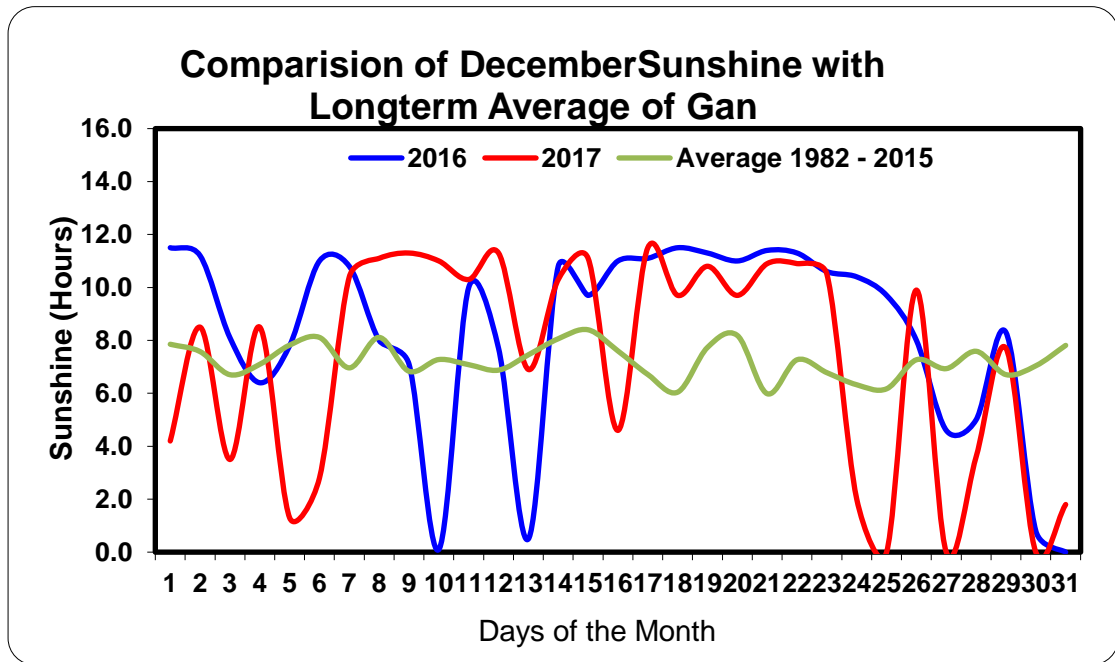
Last December, southern part of the country received a total rainfall of 136 mm. The highest rainfall within 24 hours was recorded on the 30th and amounts to 34 mm of rainfall. The rainfall received in December 2016 was 45 mm more than that of last December. Figure below shows daily total rainfall (2016 and 2017) and daily average rainfall for the Month of December for southern part of Maldives.



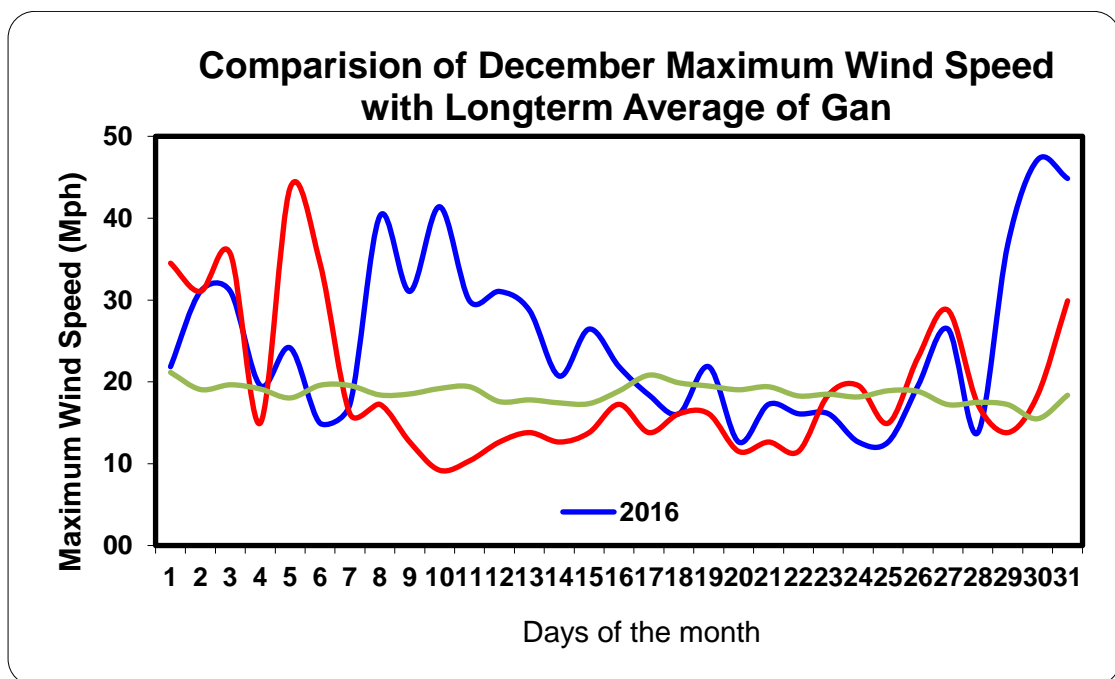
The highest temperature recorded in southern part of the Maldives last December was 34 degree Celsius, which was recorded on the 19th. The minimum temperature recorded in the same area for the last month was 23 degree Celsius and was recorded on the 31st of December. However, the highest temperature recorded in December 2016 in southern parts of the country was 31 degree Celsius, which was recorded on the 25th. Furthermore, the minimum temperature recorded in south in December 2016 was 23 degree Celsius, recorded on the 31st. Figure below shows daily maximum and minimum temperature (2016 and 2017) and average maximum and minimum temperature for the Month of December for southern part of Maldives.



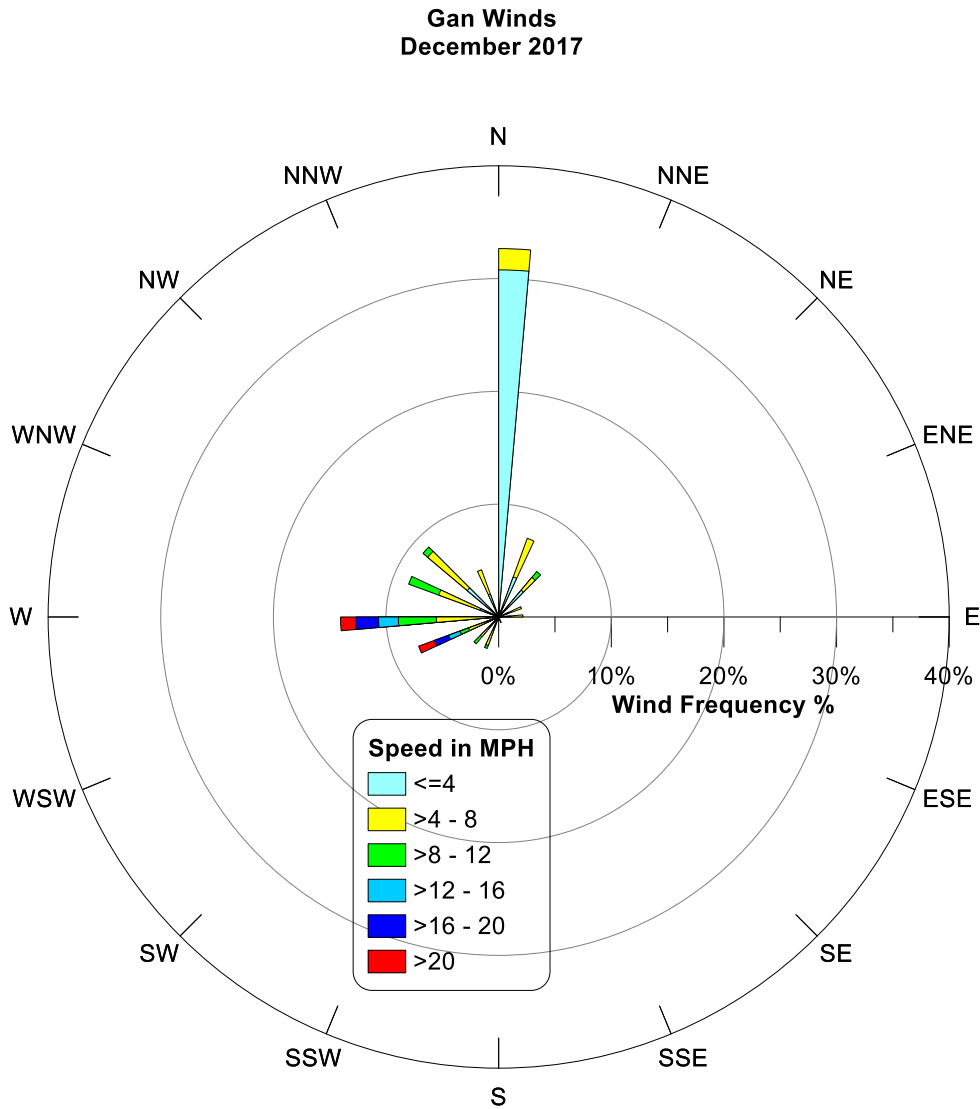
Southern part of the country received sunshine for 28 days last December, which amounts to 226 hours and 6 minutes. Furthermore, in December 2016 southern part of the country received sunshine for 30 days, which amounts to 256 hours 42 minutes. Figure below shows daily sunshine (2016 and 2017) and daily average sunshine for the Month of December for southern part of Maldives.



Last December, the maximum wind speed in south was experienced on the 6th at 04:31 hours from *west* at a speed of 44 mph. However, the maximum wind speed in southern atolls in December 2016 was recorded on the 31st at 04:22 hours at a speed of 47 mph from *west*. Figure below shows daily maximum wind speed (2016 and 2017) and daily average maximum wind speed for the Month of December for southern part of Maldives.



Below is wind frequency chart (Wind rose) of Gan for December 2017.



This is the wind rose for Gan based on hourly wind data of the month December 2017. 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 th April 1998

Lowest minimum temperature recorded was 19.7 °C on 24 th March 1986
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Highest wind recorded was 103.5 Miles from SW on 29 th May 1991
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Highest rainfall within 24hrs recorded was 228.4 mm on 24 th November 2015
