



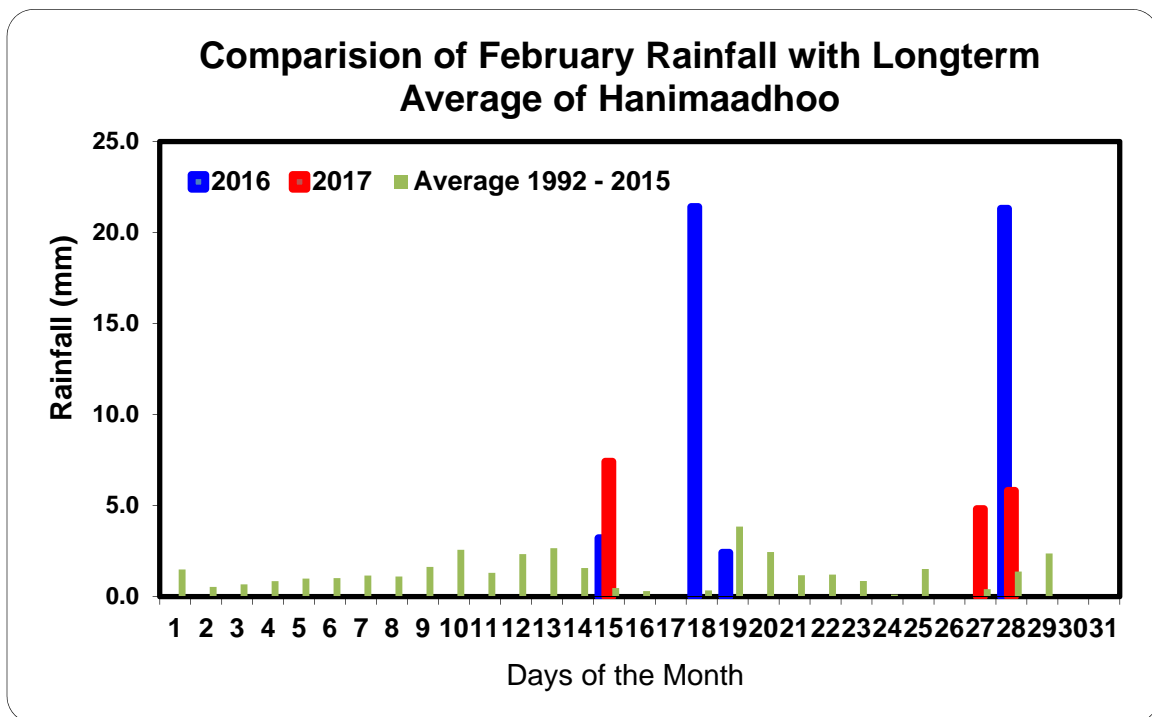
Climate Section
Maldives Meteorological Service
Hulhule

Climate Conditions in February 2017

Date: 06th March 2017

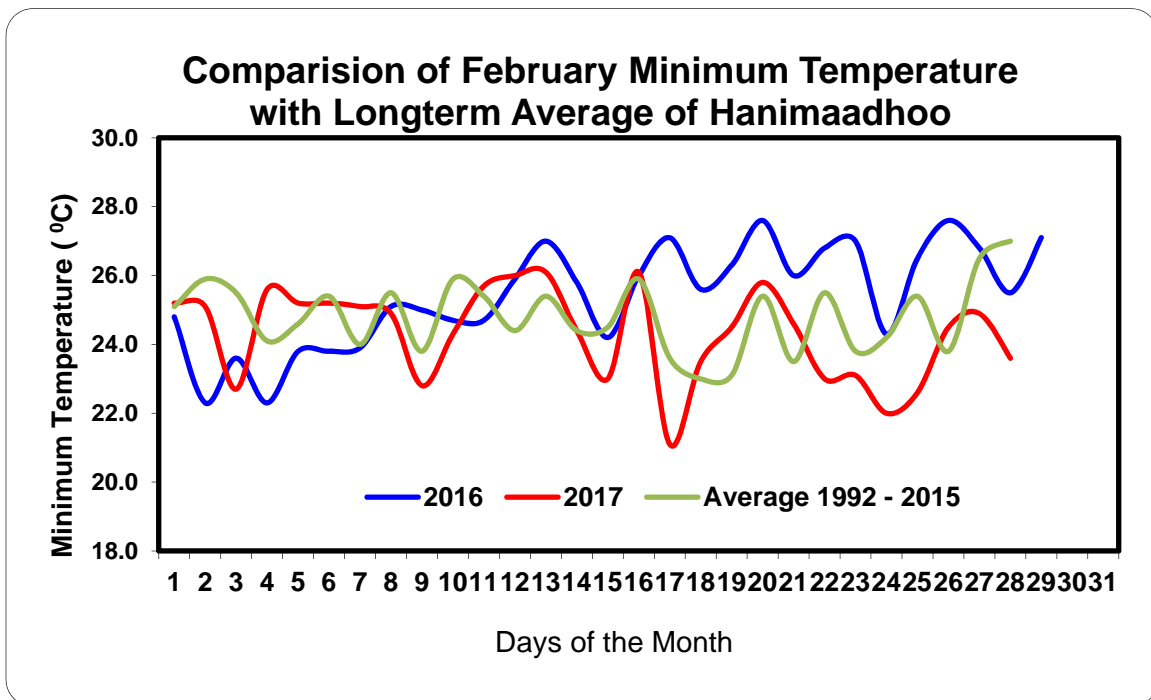
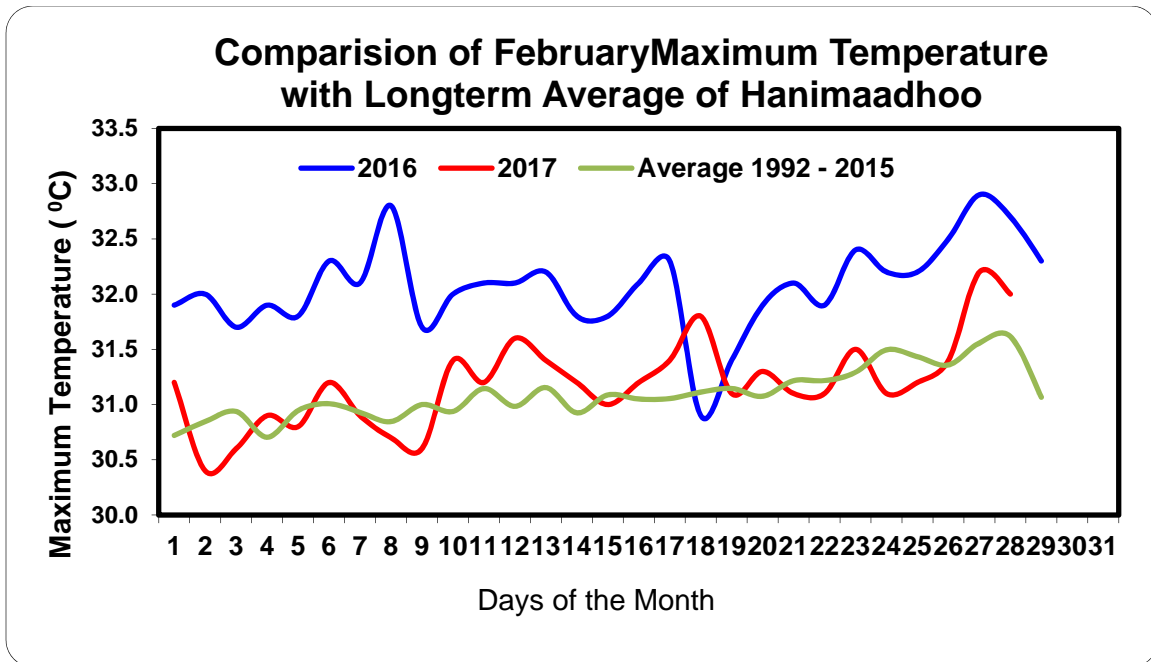
North

Last February, northern part of the country received a total rainfall of 18 mm. The highest rainfall within 24 hours was recorded on the 15th and amounts to 07 mm of rainfall. The rainfall received in February 2016 was 30 mm more than that of last February. Figure below shows daily total rainfall (2016 and 2017) and daily average rainfall for the Month of February for northern part of Maldives.



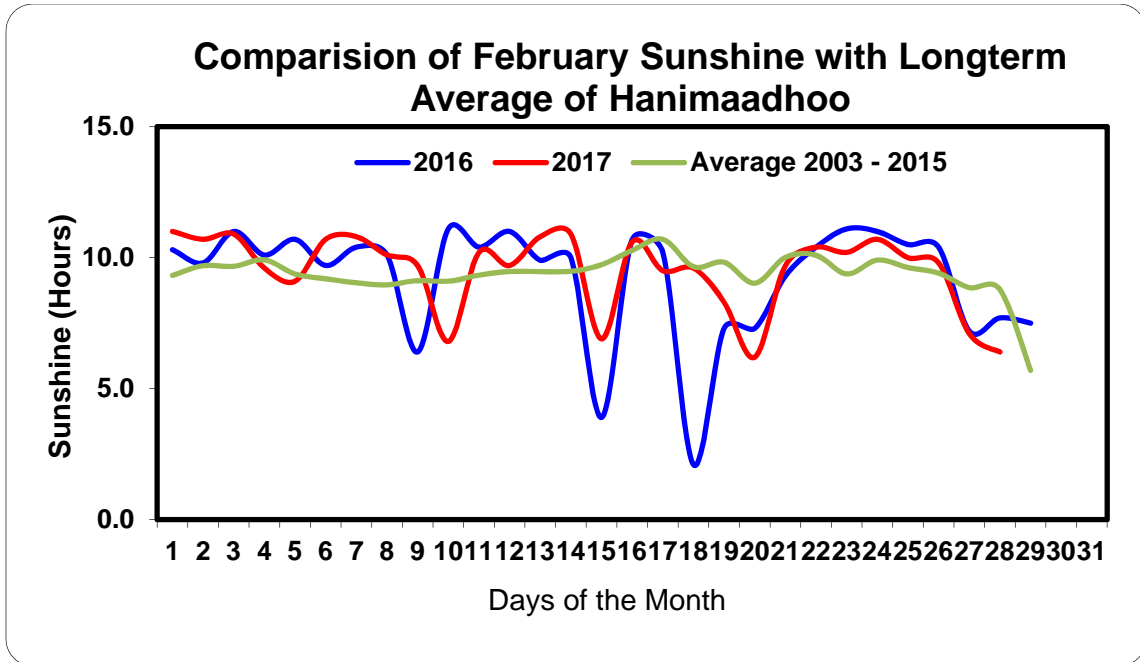
The highest temperature recorded in northern part of the Maldives last February was 32 degree Celsius, which was recorded on 27th. The minimum temperature recorded in the same area for the last month was 21 degree Celsius and was recorded on 17th of February. However, the highest temperature recorded in February 2016 in northern part of the country was 33 degree Celsius, which was recorded on the 27th. Furthermore, the minimum temperature recorded in northern part in February 2016 was 22 degree Celsius, recorded on the 02nd and 04th. Figure below shows daily maximum and minimum temperature (2016

and 2017) and average maximum and minimum temperature for the Month of February for northern part of Maldives.

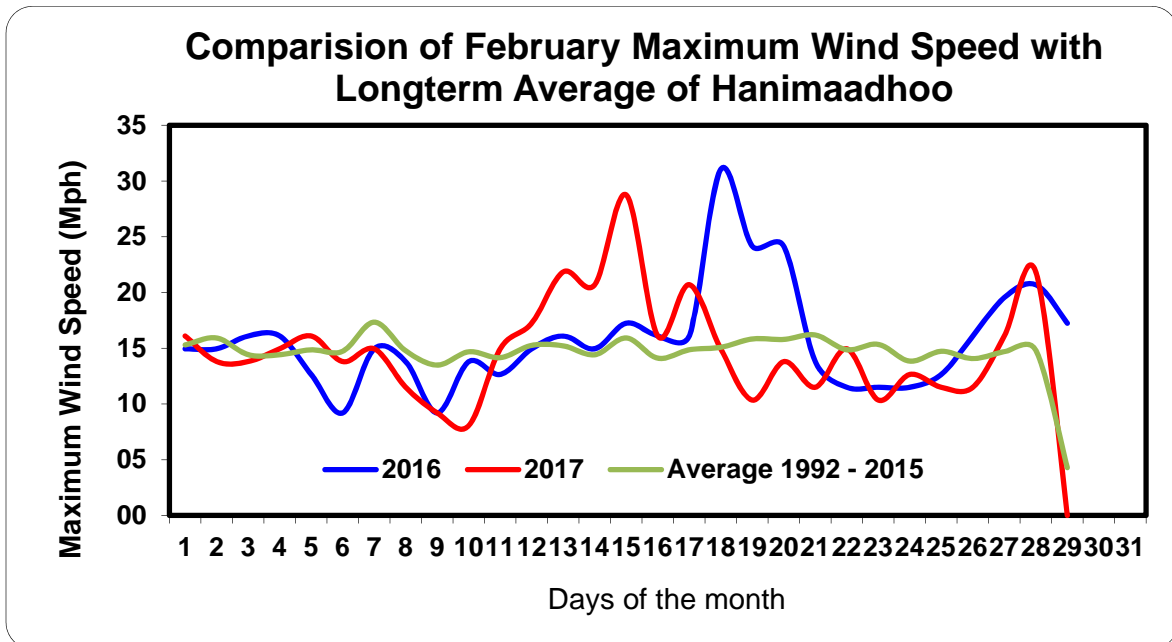


Northern part of the country received sunshine for 28 days last February, which amounts to 266 hours 24 minutes. Furthermore, in February 2016 northern part of the country received sunshine for 29 days, which amounts to 267 hours 30 minutes. Figure below

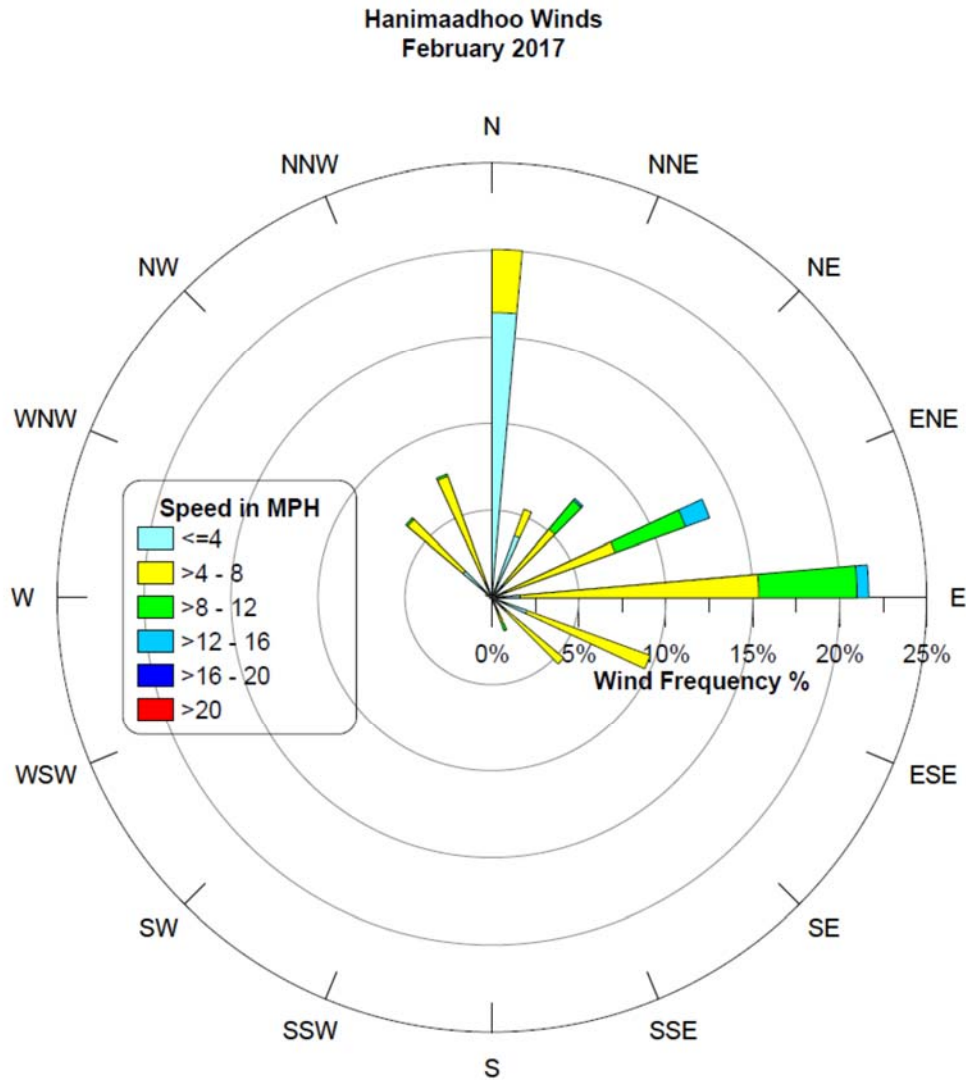
shows daily sunshine (2016 and 2017) and daily average sunshine for the Month of February for northern part of Maldives.



Last February, the maximum wind speed in the northern part was experienced on the 15th at 13:37 hours from *north-east* at a speed of 29 mph. Furthermore, the maximum wind speed in the northern part in February 2016 was recorded on 18th at 10:51 hours from *east-north-east* at a speed of 32 mph. Figure below shows daily maximum wind speed (2016 and 2017) 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 2017.

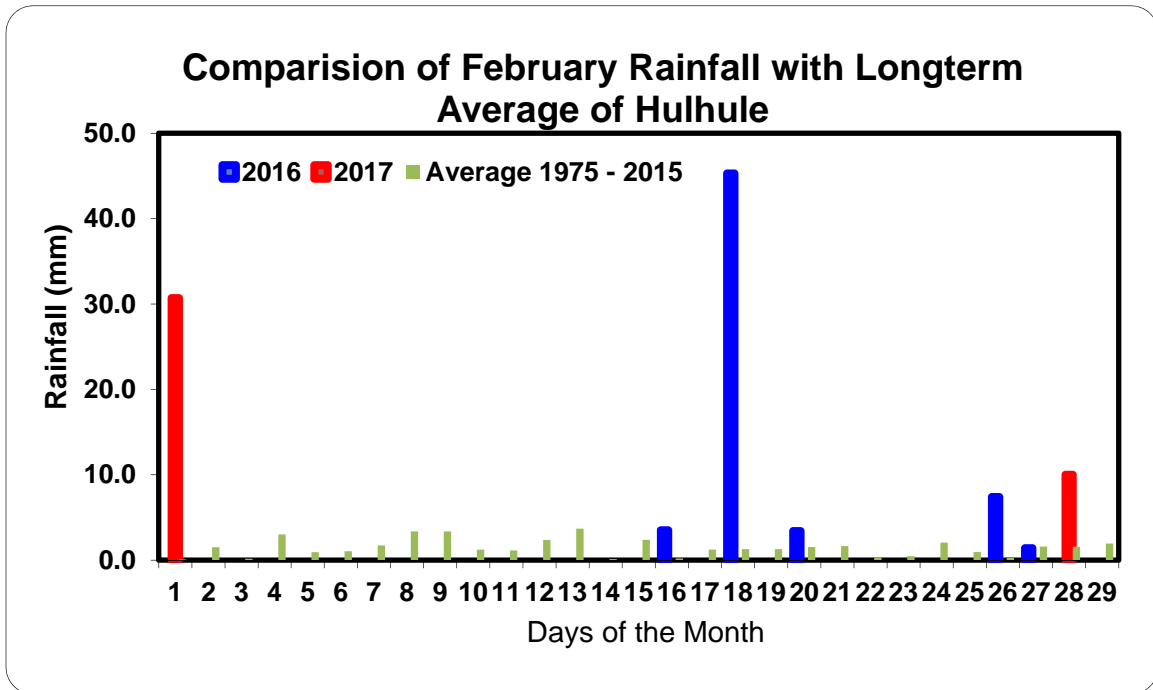


This is the wind rose for Hanimaadhoo based on hourly wind data of the month February 2017. This rose shows that the winds at Hanimaadhoo during the period blow from the *east and north* much of the time. In fact, the spokes in the directions *east-north-east* and *east-south-east*, *north-east* and *north-north-west* comprise about 15% of all hourly wind directions. This also shows that the wind rarely blows from different directions.

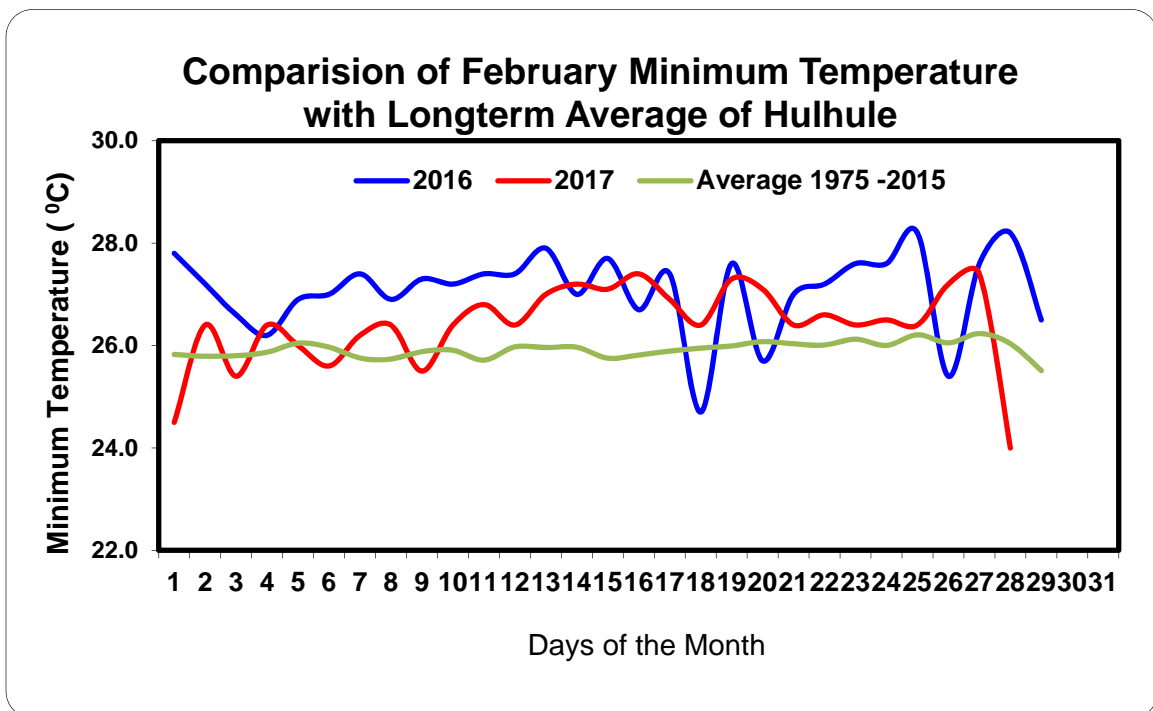
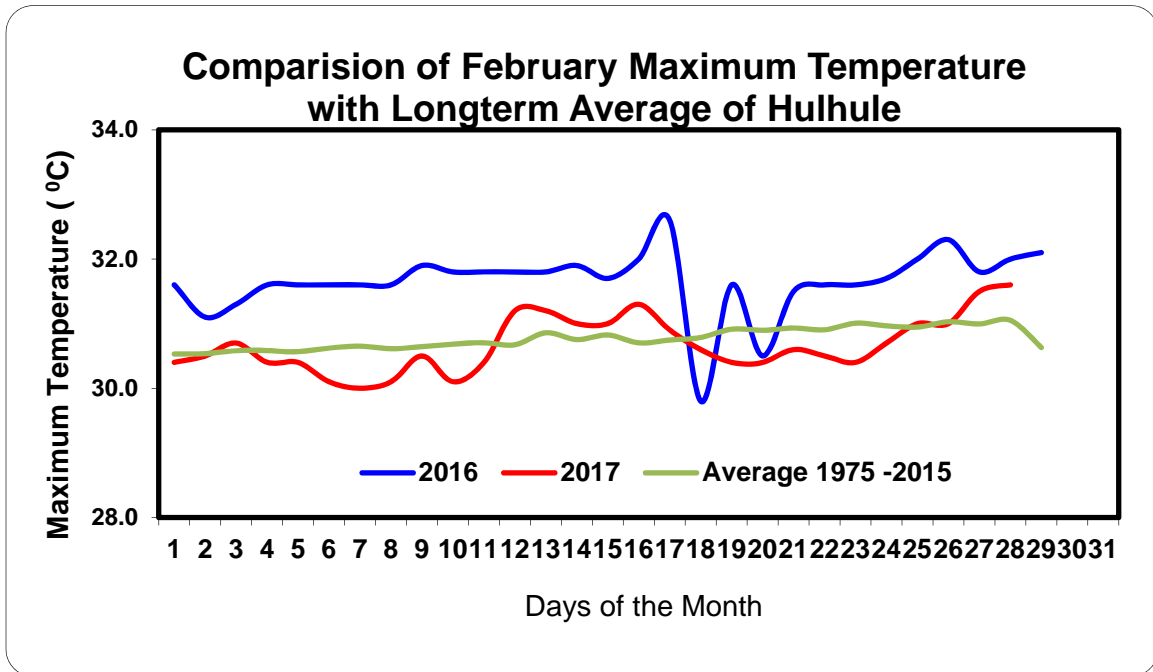
Highest maximum temperature recorded was 35.0 °C on 30 th April 2016
Lowest minimum temperature recorded was 18.2 °C on 23 rd December 2002
Highest wind recorded was 87.4 Miles from NNW on 03 rd February 1991
Highest rainfall within 24hrs recorded was 146.9 mm on 26 th May 2008

Central part

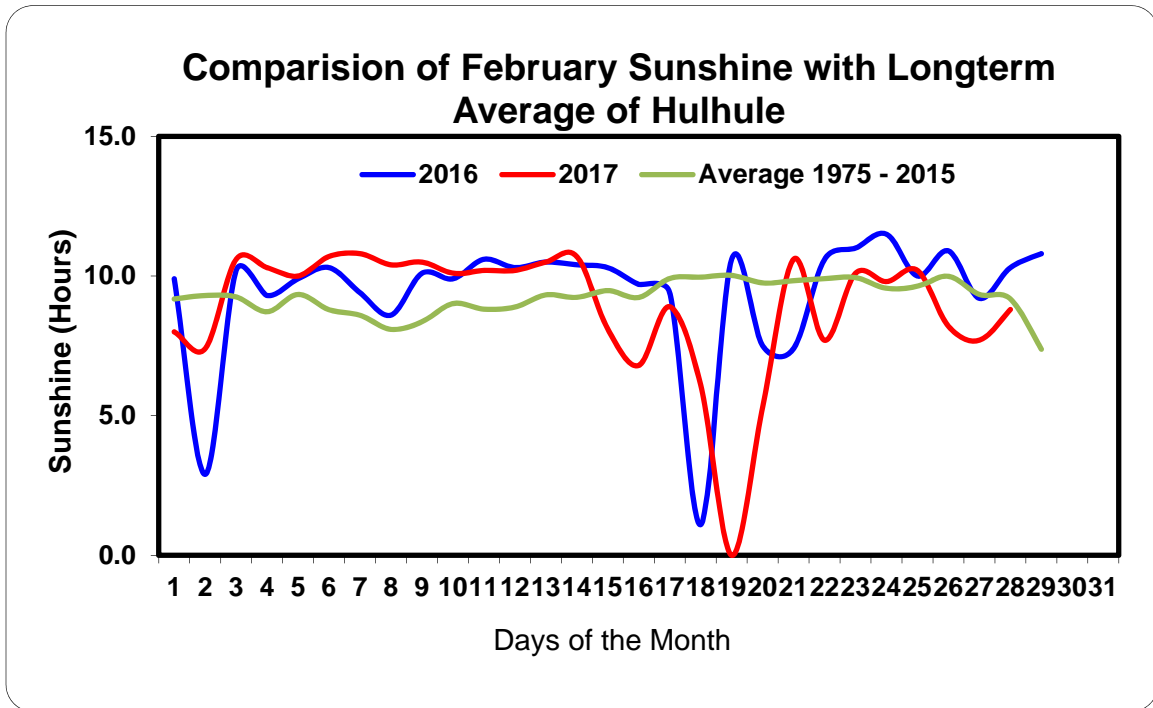
Last February, central part of the country received a total rainfall of 41 mm. The highest rainfall within 24 hours was recorded on the 01st and amounts to 31 mm of rainfall. The rainfall received in February 2016 was 20 mm more than that of last February. Figure below shows daily total rainfall (2016 and 2017) and daily average rainfall for the Month of February for central part of Maldives.



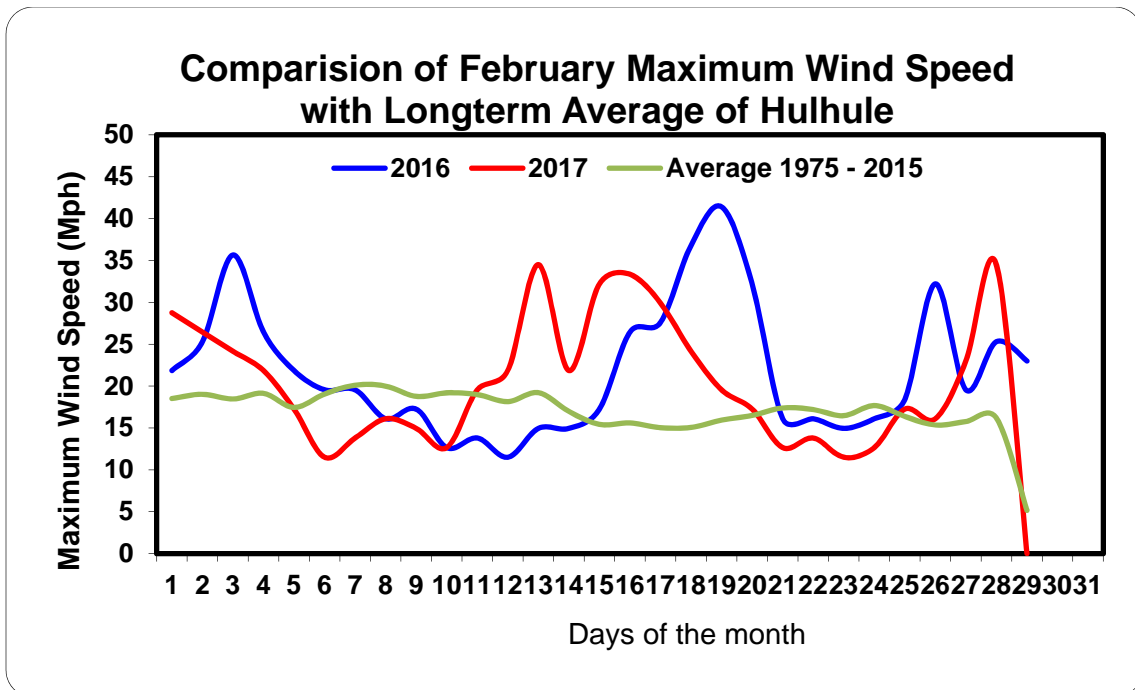
The highest temperature recorded in central part of the Maldives last February was 32 degree Celsius, which was recorded on the 28th. The minimum temperature recorded in the same area for the last month was 24 degree Celsius and was recorded on the 28th of February. On the other hand, the highest temperature recorded in February 2016 in central part of the country was 33 degree Celsius, which was recorded on the 17th. Furthermore, the minimum temperature recorded in the central part in February 2016 was 25 degree Celsius, recorded on the 18th. Figure below shows daily maximum and minimum temperature (2016 and 2017) and average maximum and minimum temperature for the Month of February for central part of Maldives.



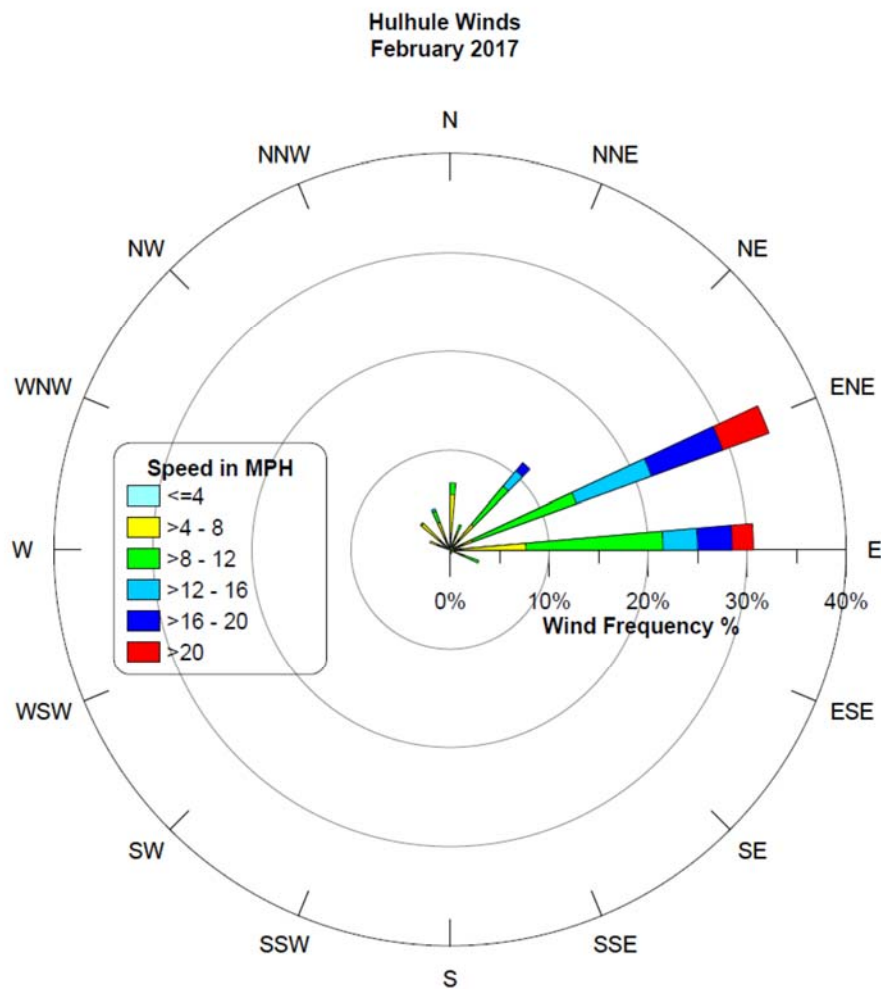
Central part of the country received sunshine for 27 days last February, which amounts to 248 hours 42 minutes. Furthermore, in February 2016 central part of the country received sunshine for 29 days, which amounts to 272 hours 36 minutes. Figure below shows daily sunshine (2016 and 2017) and daily average 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 13th at 13:47 hours from *east-north-east* at a speed of 35 mph. However, the maximum wind speed in central part in February 2016 was recorded on the 19th at 05:52 hours at a speed of 41 mph from *east*. Figure below shows daily maximum wind speed (2016 and 2017) 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 2017.

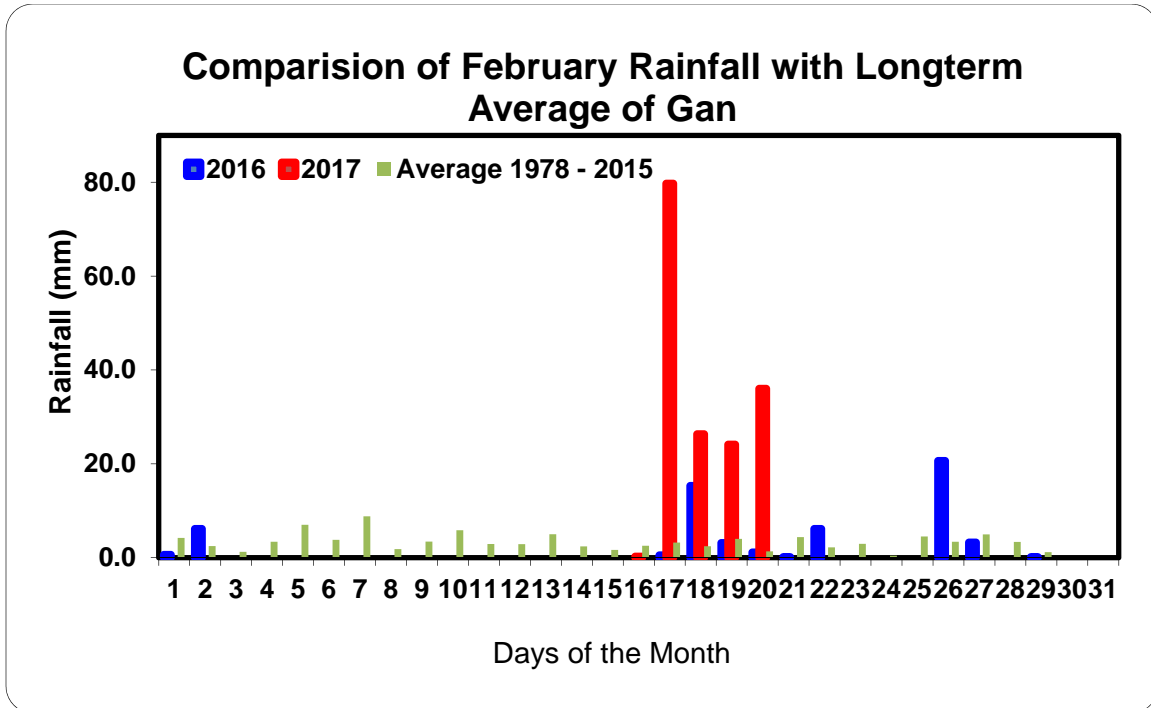


This is the wind rose for Hulhule based on hourly wind data of the month February 2017. This rose shows that the winds at Hulhule during the period blow from the *east-north-east* and *east* much of the time. In fact, the spokes in the directions *north-east* comprise about 20% of all hourly wind directions. 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')

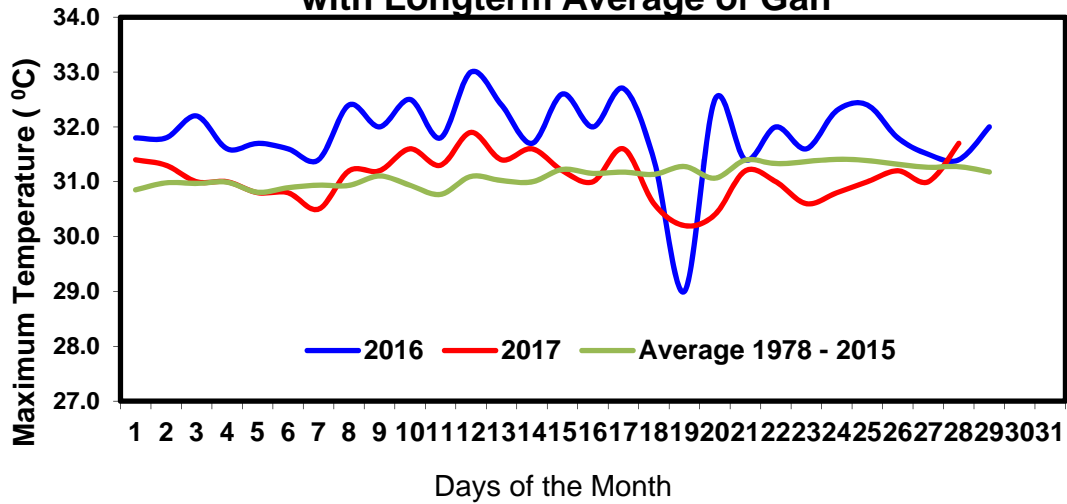
South

Last February, southern part of the country received a total rainfall of 166 mm. The highest rainfall within 24 hours was recorded on the 17th and amounts to 80 mm of rainfall. The rainfall received in February 2016 was 110 mm less than that of last February. Figure below shows daily total rainfall (2016 and 2017) and daily average rainfall for the Month of February for southern part of Maldives.

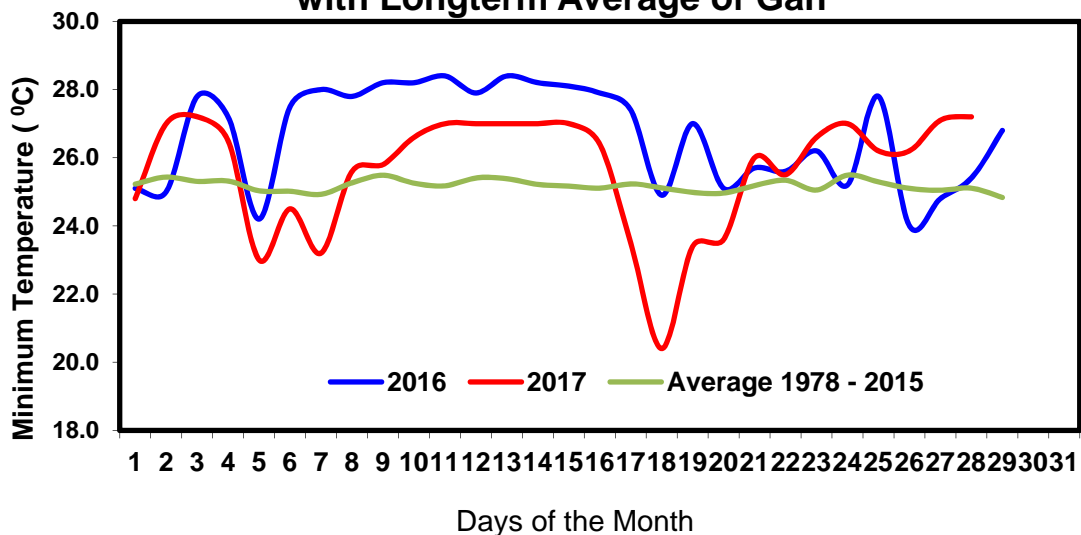


The highest temperature recorded in southern part of the Maldives last February was 32 degree Celsius, which was recorded on the 12th. The minimum temperature recorded in the same area for the last month was 20 degree Celsius and was recorded on the 18th of February. However, the highest temperature recorded in February 2016 in southern parts of the country was 33 degree Celsius, which was recorded on the 12th. Furthermore, the minimum temperature recorded in south in February 2016 was 24 degree Celsius, recorded on the 26th. Figure below shows daily maximum and minimum temperature (2016 and 2017) and average maximum and minimum temperature for the Month of February for southern part of Maldives.

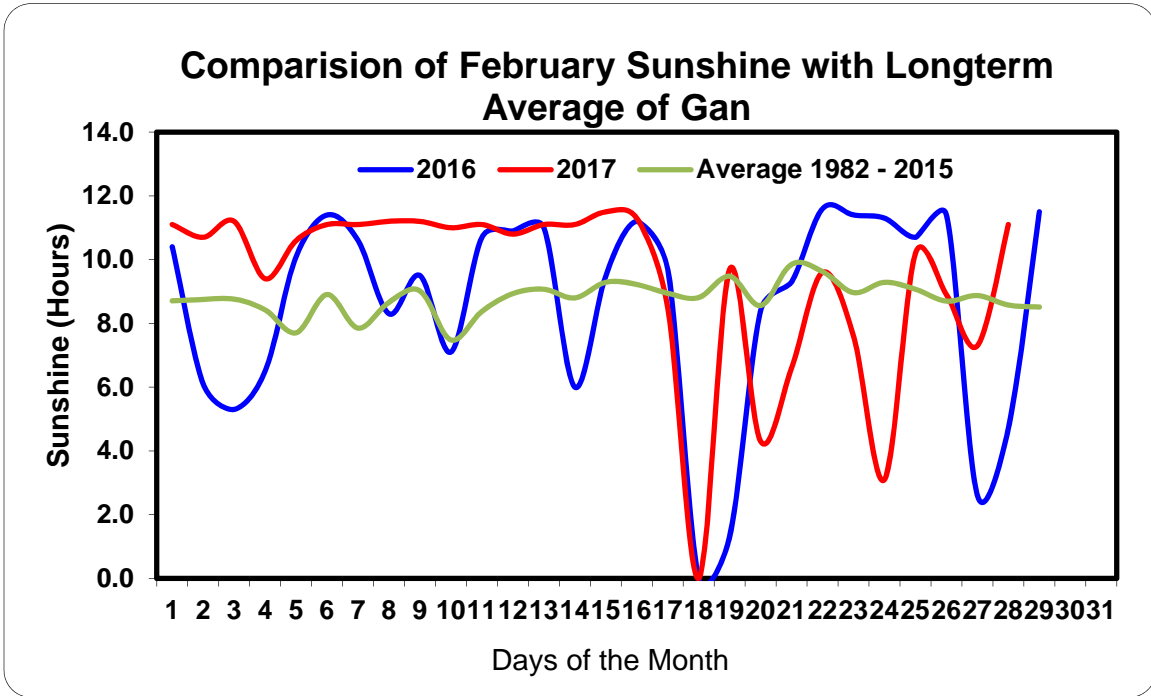
Comparison of February Maximum Temperature with Longterm Average of Gan



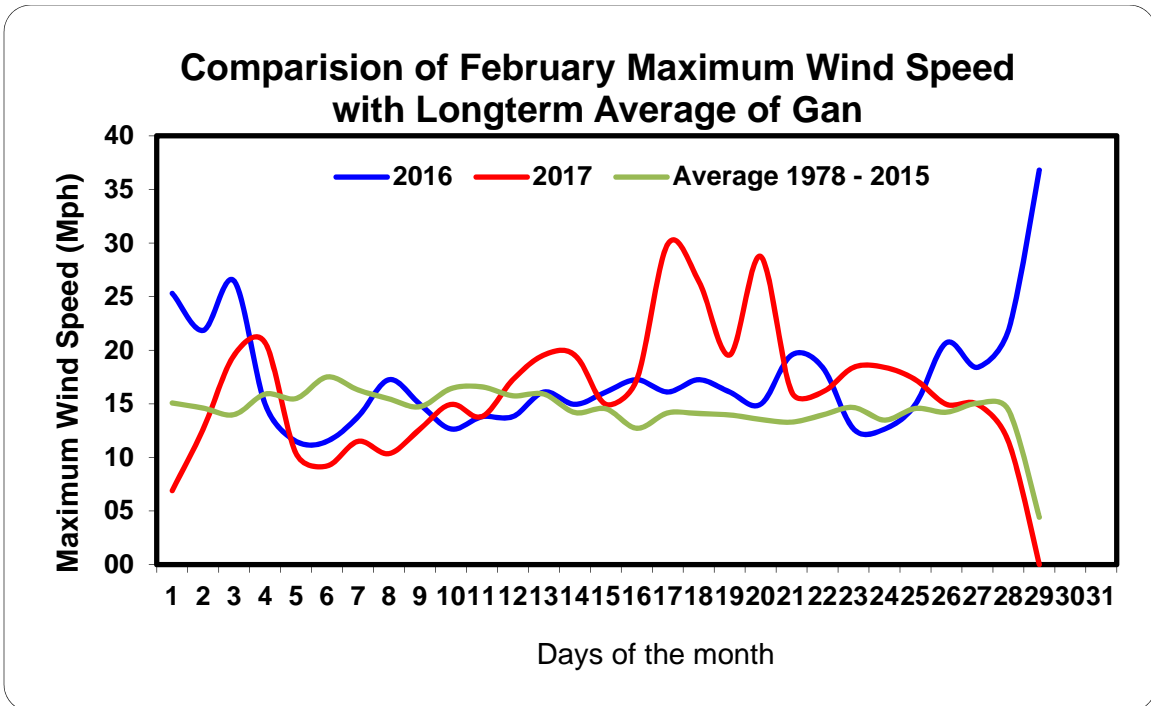
Comparison of February Minimum Temperature with Longterm Average of Gan



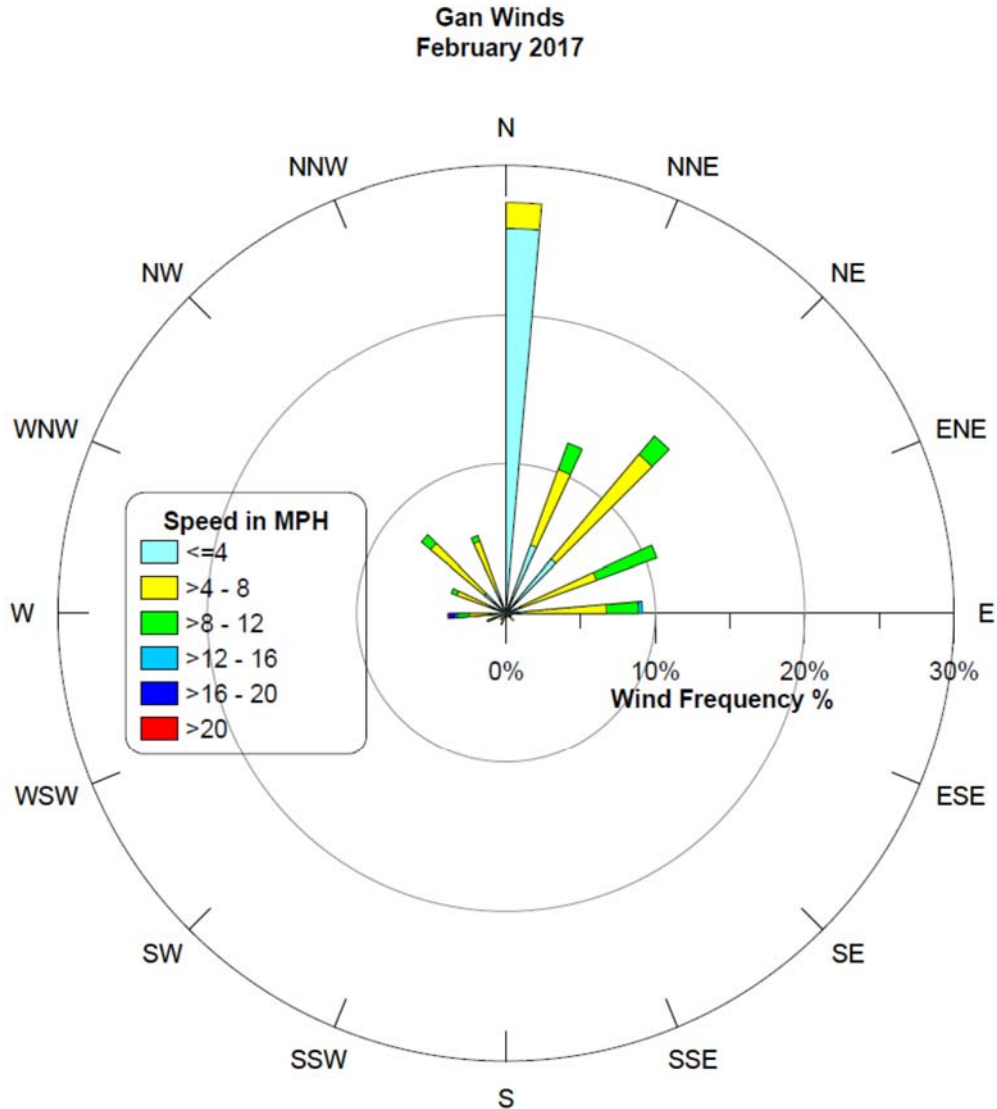
Southern part of the country received sunshine for 27 days last February, which amounts to 262 hours and 24 minutes. Furthermore, in February 2016 southern part of the country received sunshine for 28 days, which amounts to 248 hours 30minutes. Figure below shows daily sunshine (2016 and 2017) and daily average sunshine for the Month of February for southern part of Maldives.



Last February, the maximum wind speed in south was experienced on the 17th at 23:24 hours from *east-south-east* at a speed of 30 mph. However, the maximum wind speed in southern atolls in February 2016 was recorded on the 27th at 02:14 hours at a speed of 33 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 February for southern part of Maldives.



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



This is the wind rose for Gan based on hourly wind data of the month February 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 *north-north-east*, *north-east* and *east-north-east* comprise about 20% 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