



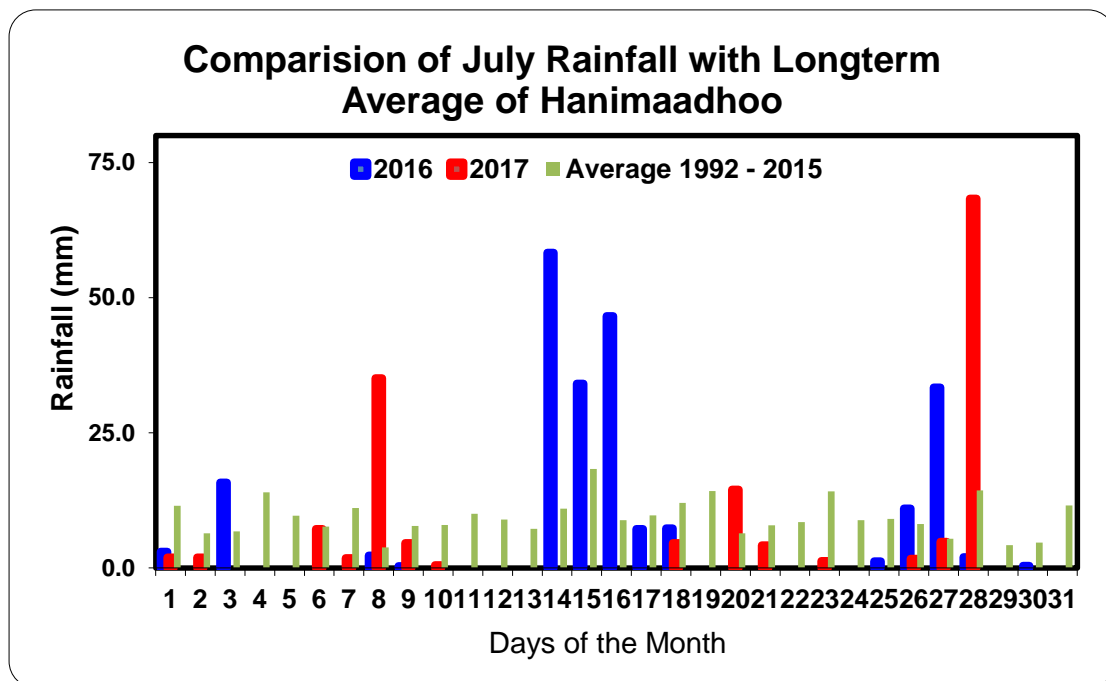
Climate Section
Maldives Meteorological Service
Hulhule

Climate Conditions in July 2017

Date: 10th August 2017

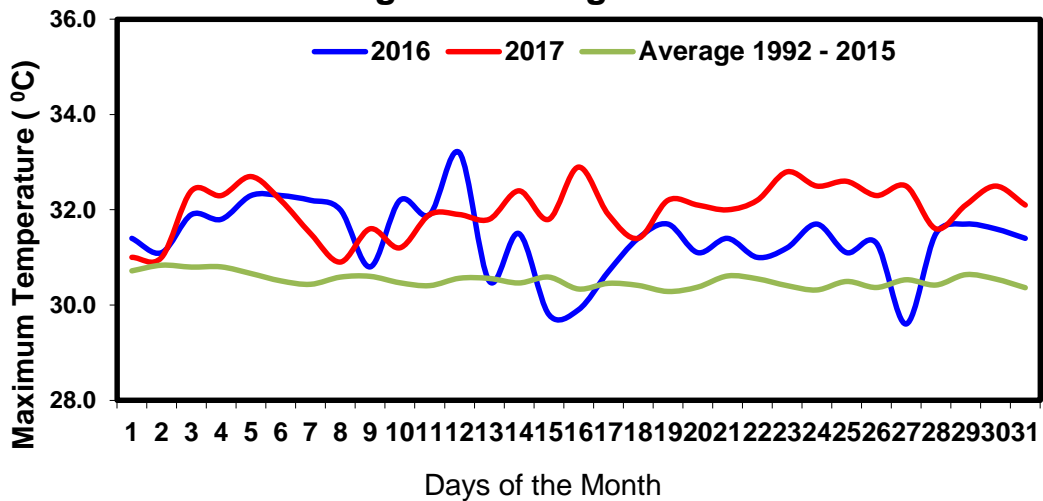
North

Last July, northern part of the country received a total rainfall of 152 mm. The highest rainfall within 24 hours was recorded on the 28th and amounts to 68 mm of rainfall. The rainfall received in July 2016 was 71 mm more than that of last July. Figure below shows daily total rainfall (2016 and 2017) and daily average rainfall for the Month of July for northern part of Maldives.

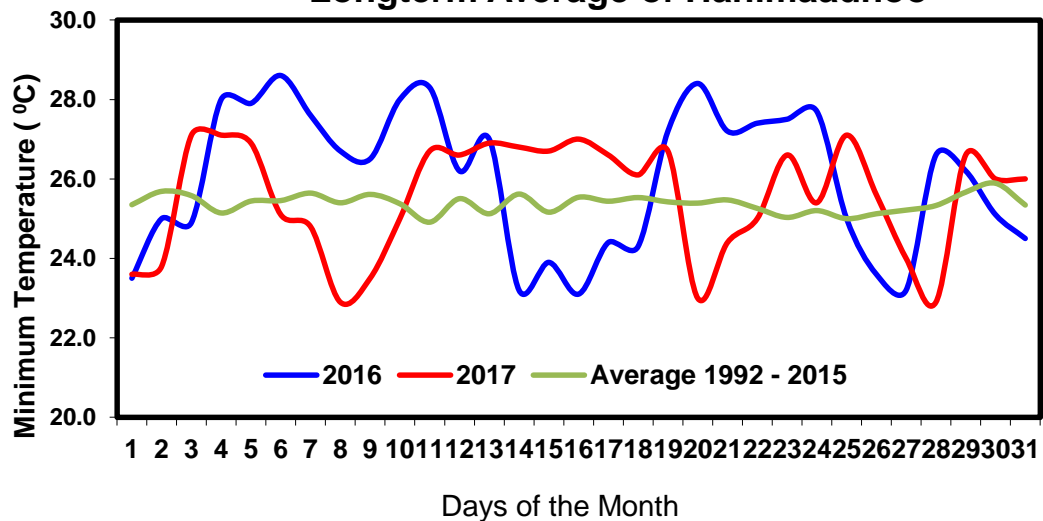


The highest temperature recorded in northern part of the Maldives last July was 33 degree Celsius, which was recorded on 16th. The minimum temperature recorded in the same area for the last month was 23 degree Celsius and was recorded on 08th and 28th of July. However, the highest temperature recorded in July 2016 in northern part of the country was 33 degree Celsius, which was recorded on the 12th. Furthermore, the minimum temperature recorded in northern part in July 2016 was 23 degree Celsius, recorded on the 16th. Figure below shows daily maximum and minimum temperature (2016 and 2017) and average maximum and minimum temperature for the Month of July for northern part of Maldives.

Comparison of July Maximum Temperature with Longterm Average of Hanimaadhoo

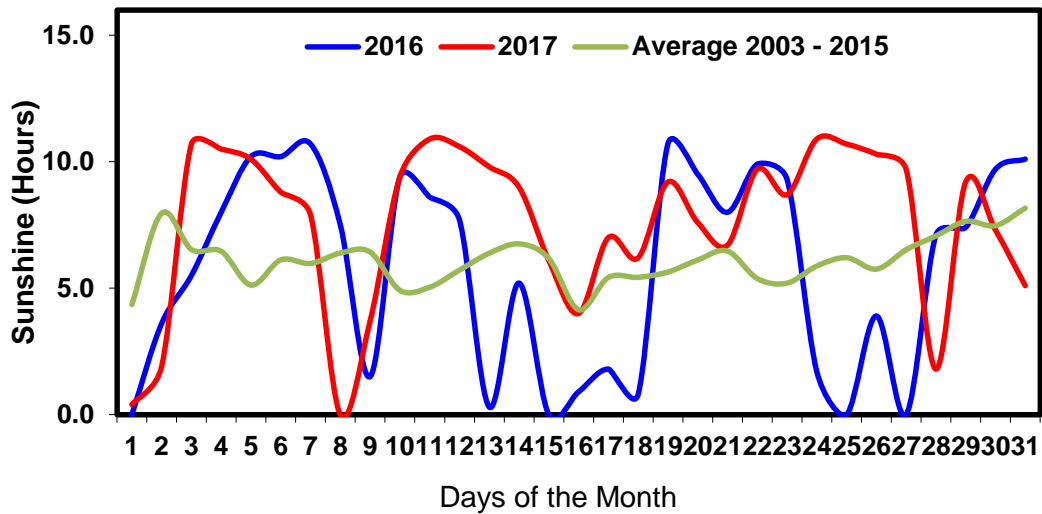


Comparison of July Minimum Temperature with Longterm Average of Hanimaadhoo



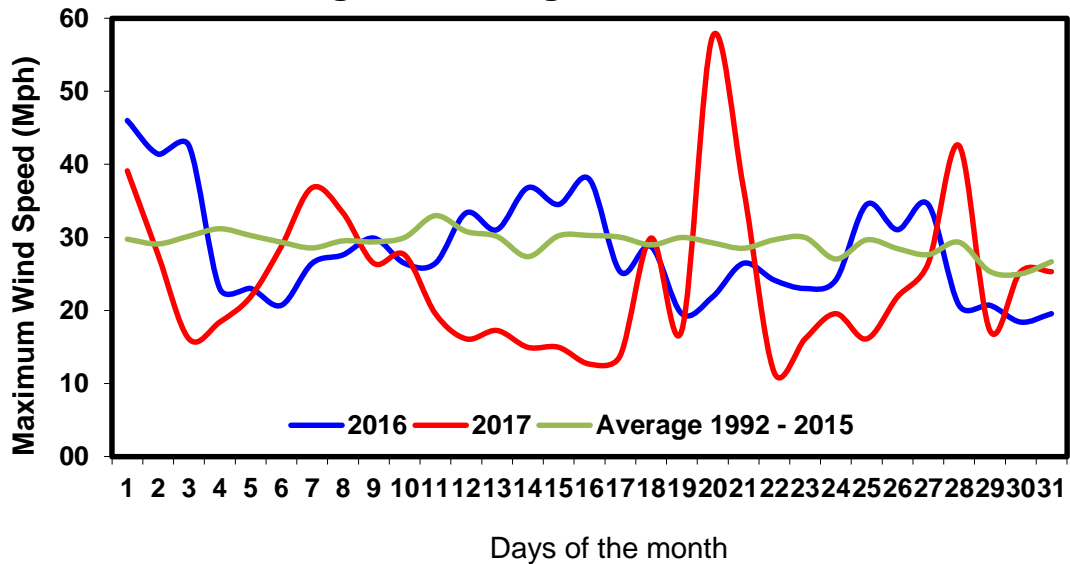
Northern part of the country received sunshine for 30 days last July, which amounts to 233 hours 24 minutes. Furthermore, in July 2016 northern part of the country received sunshine for 27 days, which amounts to 179 hours 12 minutes. Figure below shows daily sunshine (2016 and 2017) and daily average sunshine for the Month of July for northern part of Maldives.

Comparison of July Sunshine with Longterm Average of Hanimaadhoo

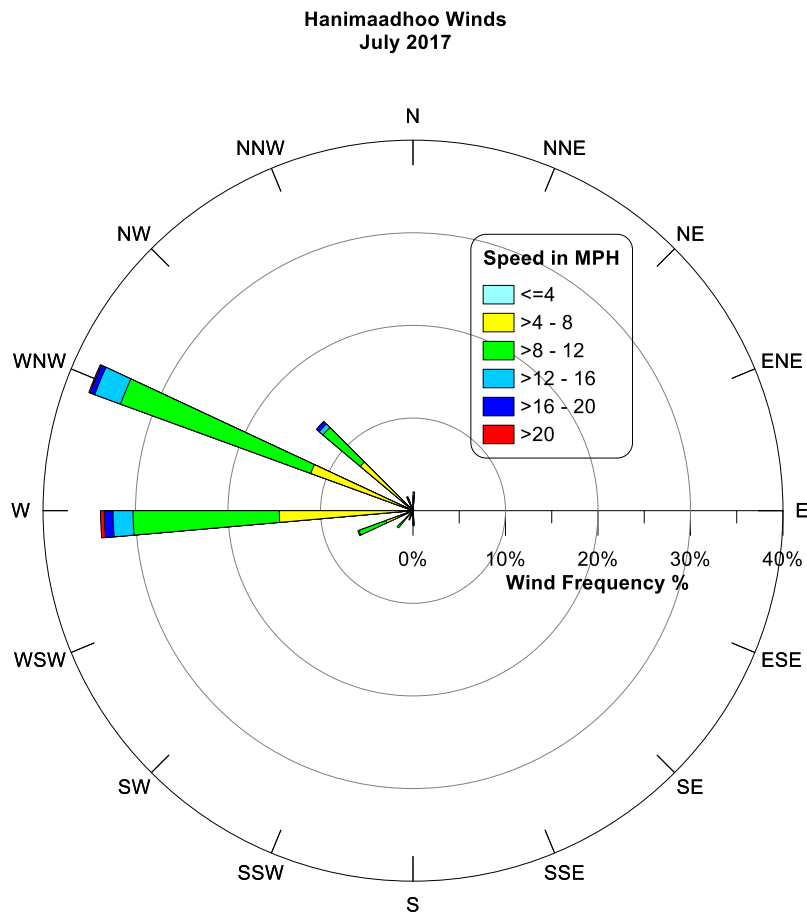


Last July, the maximum wind speed in the northern part was experienced on the 20th at 03:42 hours from *west* at a speed of 58 mph. Furthermore, the maximum wind speed in the northern part in July 2016 was recorded on 01st at 08:21 hours from *south-south-west* at a speed of 46 mph. Figure below shows daily maximum wind speed (2016 and 2017) and daily average maximum wind speed for the Month of July for northern part of Maldives.

Comparison of July Maximum Wind Speed with Longterm Average of Hanimaadhoo



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



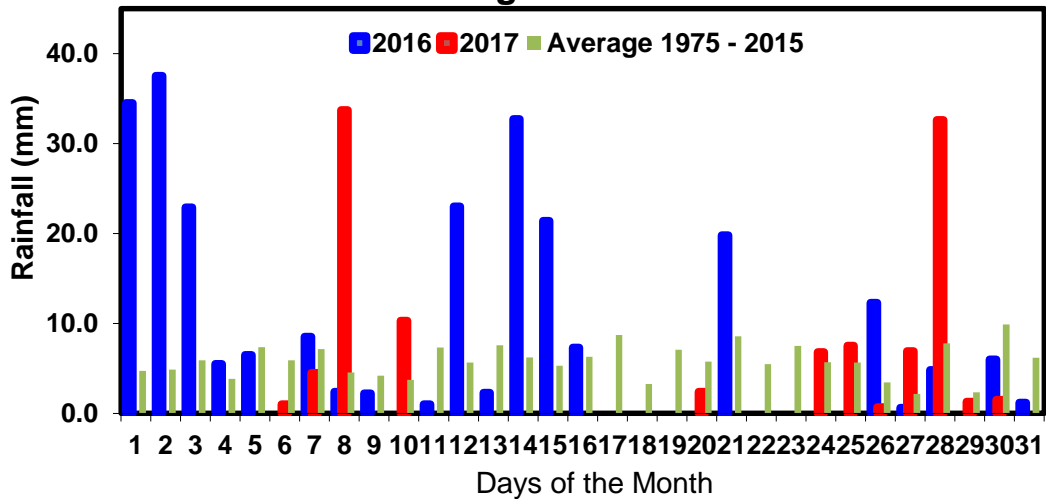
This is the wind rose for Hanimaadhoo based on hourly wind data of the month July 2017. This rose shows that the winds at Hanimaadhoo during the period blow from the *west* and *west-north-west* much of the time. In fact, the spokes in the directions *north-west* comprise about 20% of all hourly wind 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 July 1991
Highest rainfall within 24hrs recorded was 189.0 mm on 31 st July 2017

Central part

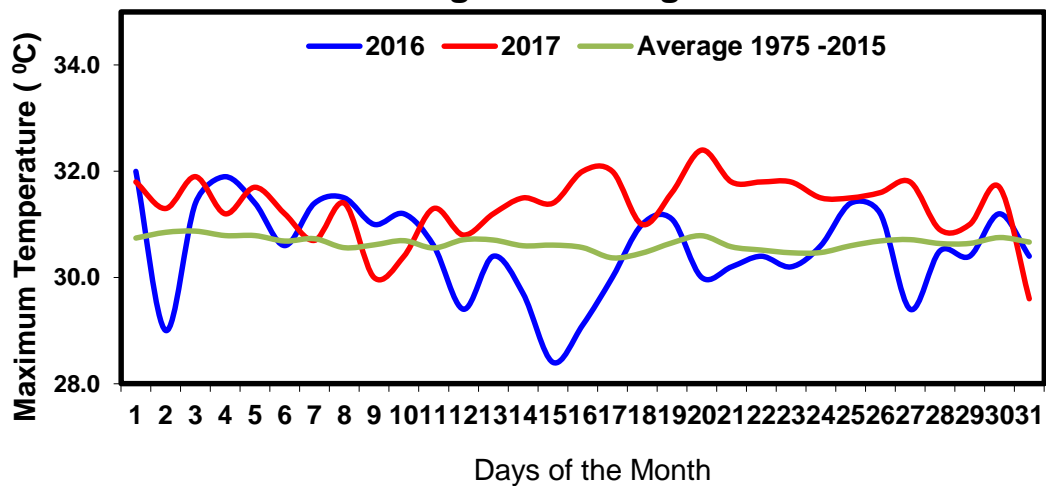
Last July, central part of the country received a total rainfall of 109 mm. The highest rainfall within 24 hours was recorded on the 08th and amounts to 34 mm of rainfall. The rainfall received in July 2016 was 143mm more than that of last July. Figure below shows daily total rainfall (2016 and 2017) and daily average rainfall for the Month of July for central part of Maldives.

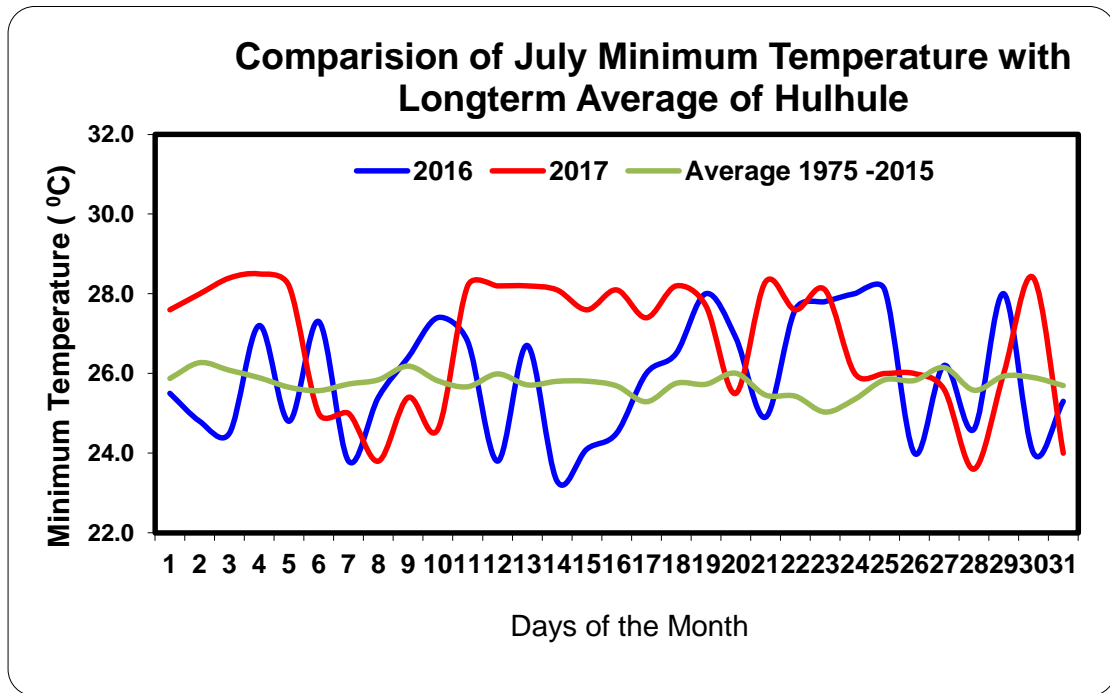
Comparison of July Rainfall with Longterm Average of Hulhule



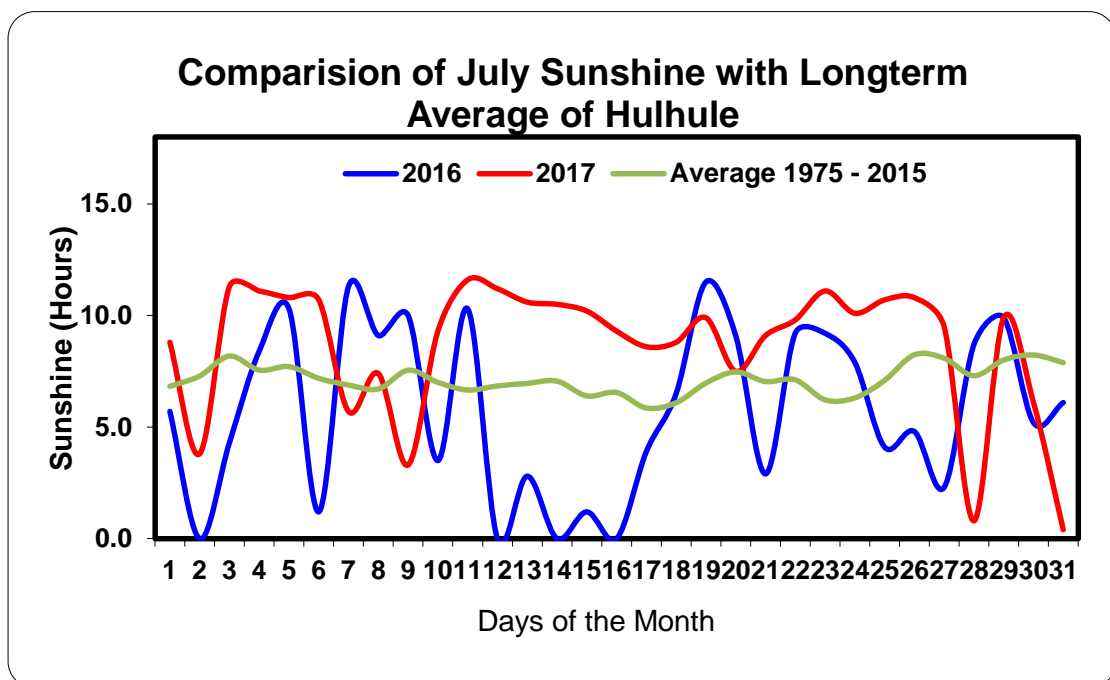
The highest temperature recorded in central part of the Maldives last July was 32 degree Celsius, which was recorded on the 20th. The minimum temperature recorded in the same area for the last month was 24 degree Celsius and was recorded on the 28th of July. On the other hand, the highest temperature recorded in July 2016 in central part of the country was 32 degree Celsius, which was recorded on the 01st. Furthermore, the minimum temperature recorded in the central part in July 2016 was 23 degree Celsius, recorded on the 14th. Figure below shows daily maximum and minimum temperature (2016 and 2017) and average maximum and minimum temperature for the Month of July for central part of Maldives.

Comparison of July Maximum Temperature with Longterm Average of Hulhule

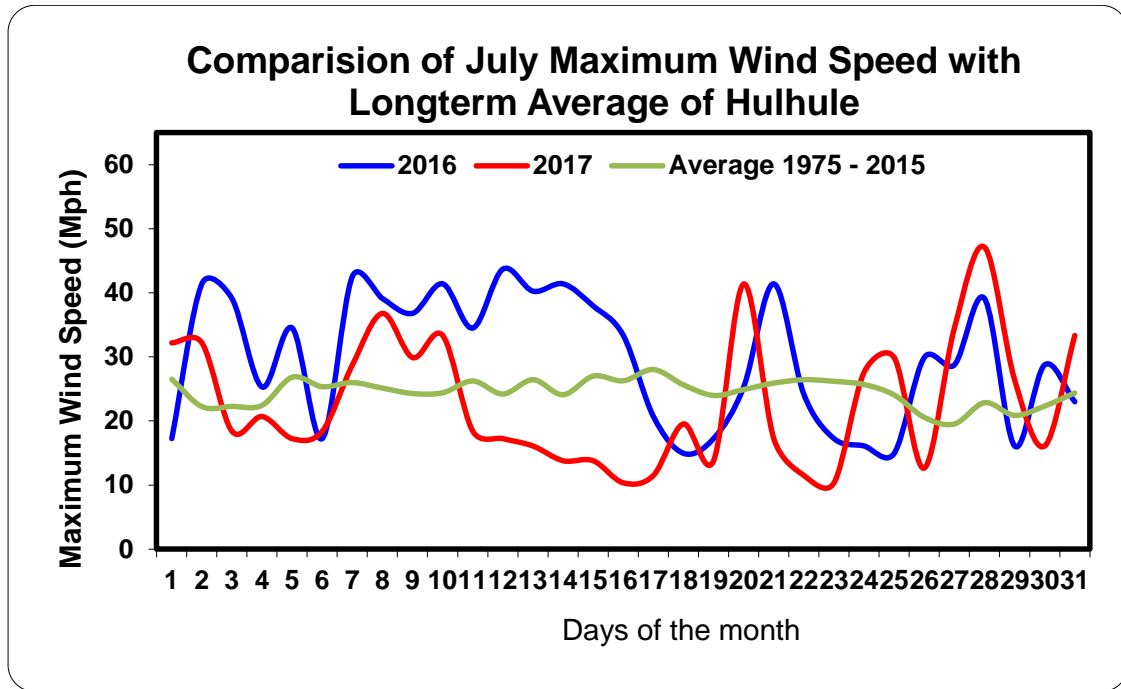




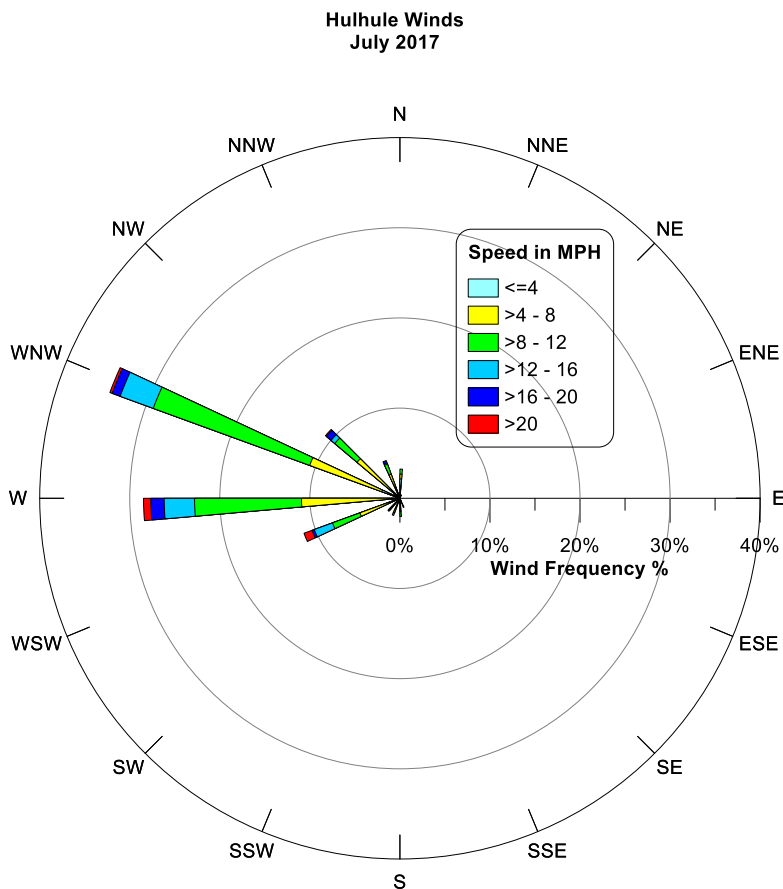
Central part of the country received sunshine for 31 days last July, which amounts to 268 hours 42 minutes. Furthermore, in July 2016 central part of the country received sunshine for 27 days, which amounts to 179 hours 24 minutes. Figure below shows daily sunshine (2016 and 2017) and daily average sunshine for the Month of July for central part of Maldives.



Last July, the maximum wind speed in Central part of the country was experienced on the 28th at 14:22 hours from *west* at a speed of 47 mph. However, the maximum wind speed in central part in July 2016 was recorded on the 13th at 04:10 hours at a speed of 44 mph from *west*. Figure below shows daily maximum wind speed (2016 and 2017) and daily average maximum wind speed for the Month of July for central part of Maldives.



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



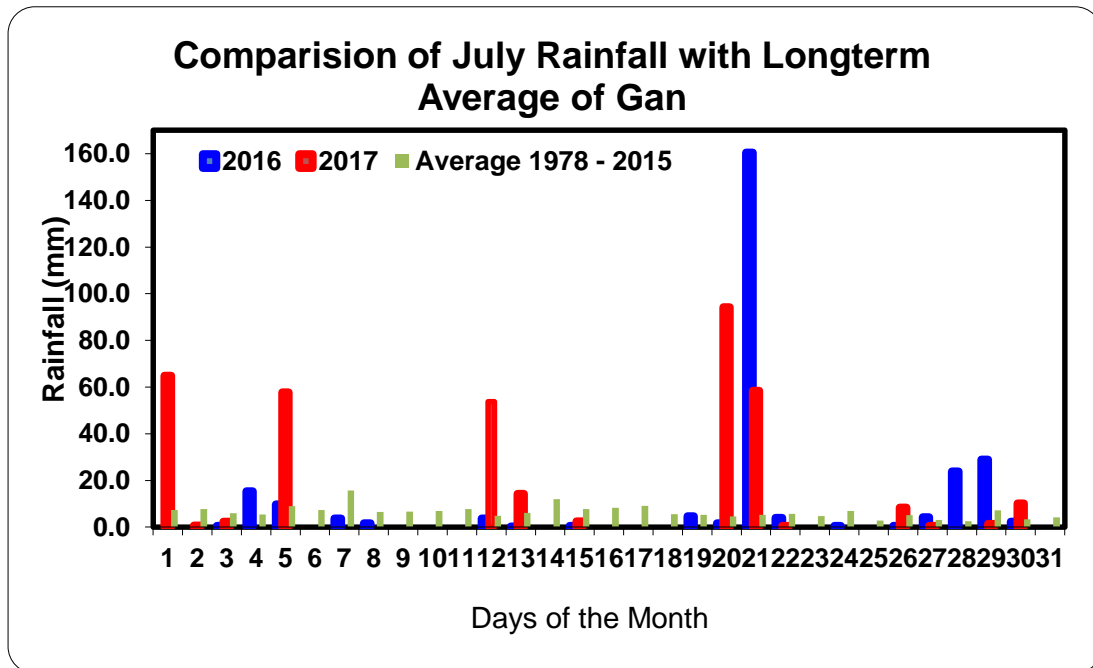
This is the wind rose for Hulhule based on hourly wind data of the month July 2017. This rose shows that the winds at Hulhule during the period blow from the *west* and

west-north-west much of the time. In fact, the spokes in the directions *west-south-west* and *north-west* comprise about 20% of all hourly wind directions. This also shows that the wind rarely blows from other directions.

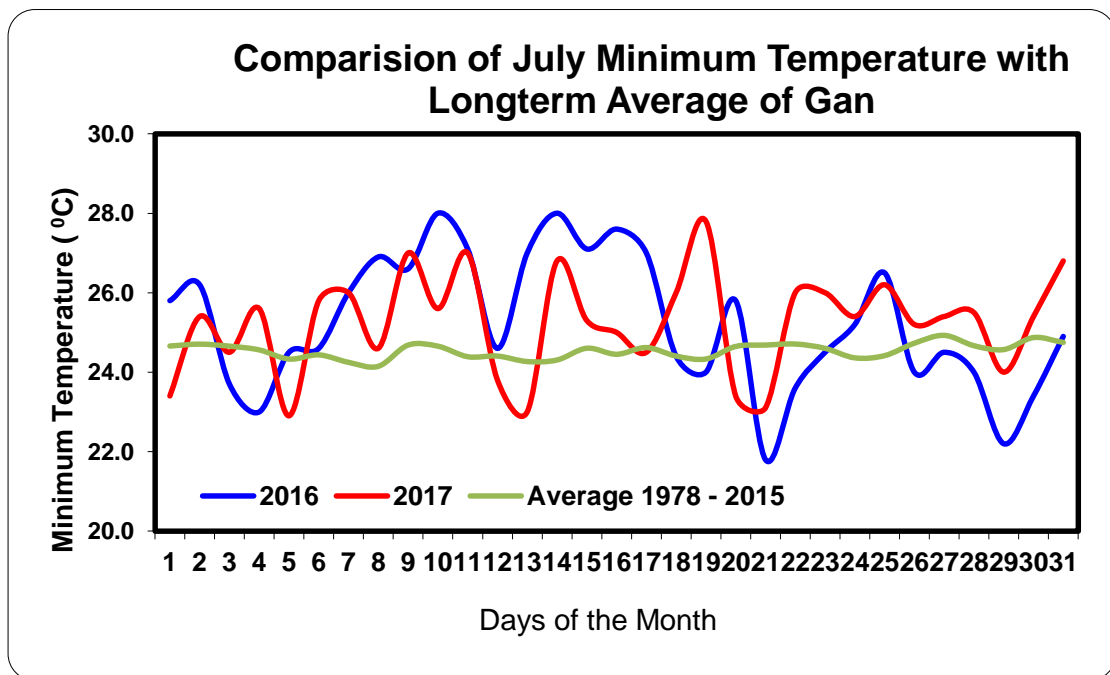
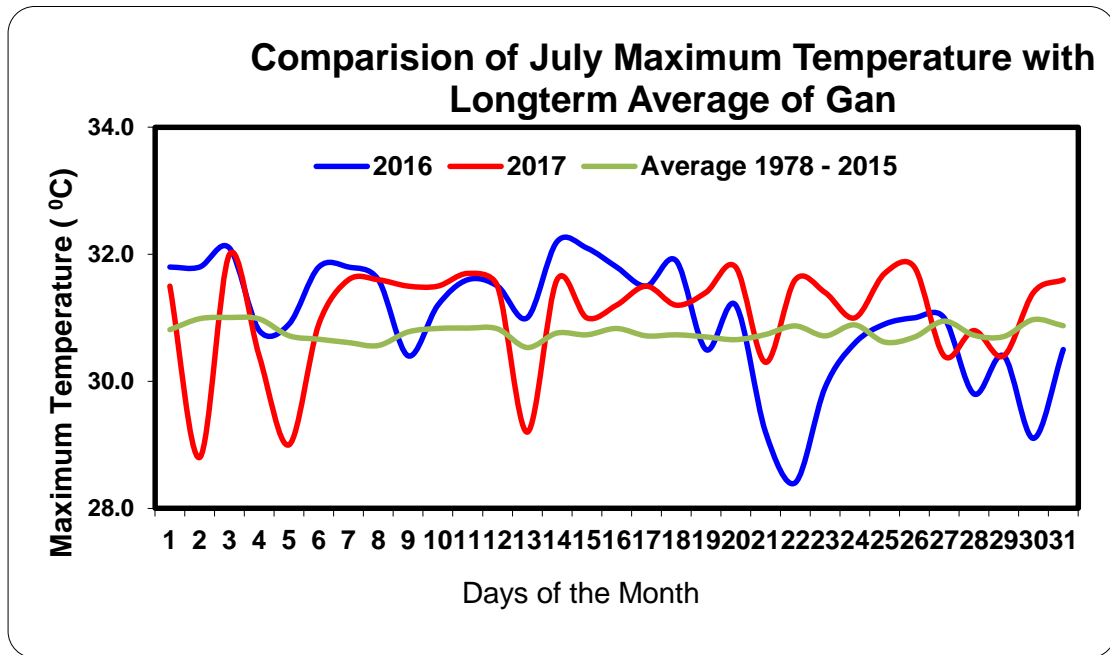
Highest maximum temperature recorded was 34.1 °C on 16 th and 28 th July 1973
Lowest minimum temperature recorded was 19.0 °C on 23 rd November 1984
Highest wind recorded was 71.3 Miles from W on 03 rd November 1978
Highest rainfall within 24hrs recorded was 175.9 mm on 23 rd December 1977 (Hulhule)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

South

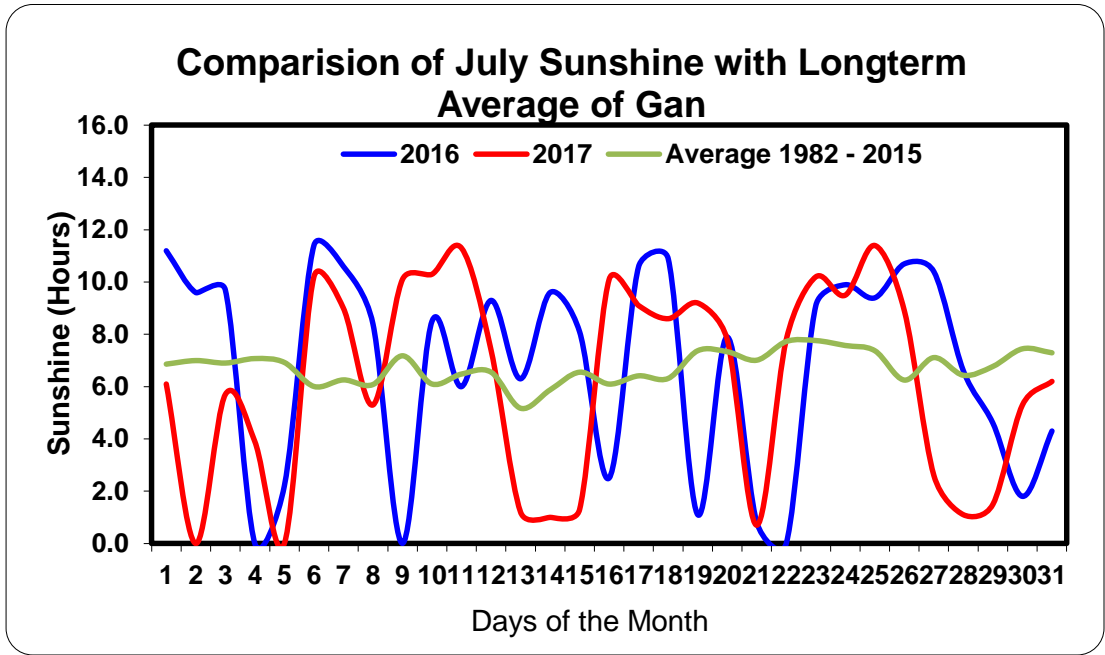
Last July, southern part of the country received a total rainfall of 369 mm. The highest rainfall within 24 hours was recorded on the 20th and amounts to 94 mm of rainfall. The rainfall received in July 2016 was 103 mm less than that of last July. Figure below shows daily total rainfall (2016 and 2017) and daily average rainfall for the Month of July for southern part of Maldives.



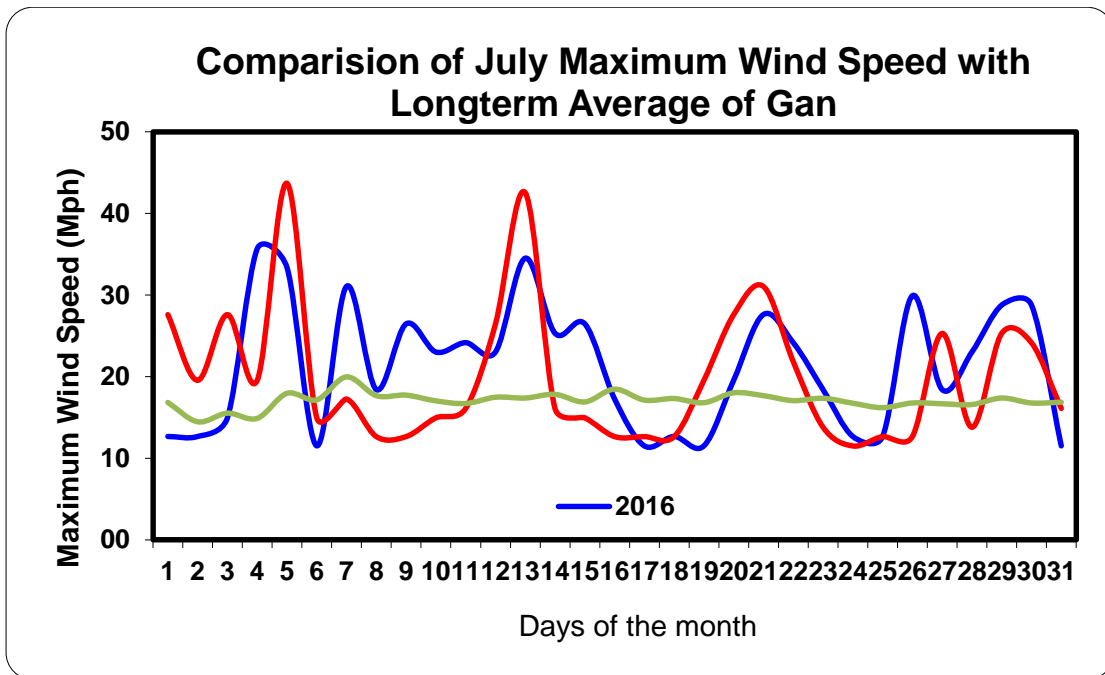
The highest temperature recorded in southern part of the Maldives last July was 32 degree Celsius, which was recorded on the 03rd. The minimum temperature recorded in the same area for the last month was 23 degree Celsius and was recorded on the 05th of July. However, the highest temperature recorded in July 2016 in southern parts of the country was 32 degree Celsius, which was recorded on the 14th. Furthermore, the minimum temperature recorded in south in July 2016 was 22 degree Celsius, recorded on the 21st. Figure below shows daily maximum and minimum temperature (2016 and 2017) and average maximum and minimum temperature for the Month of July for southern part of Maldives.



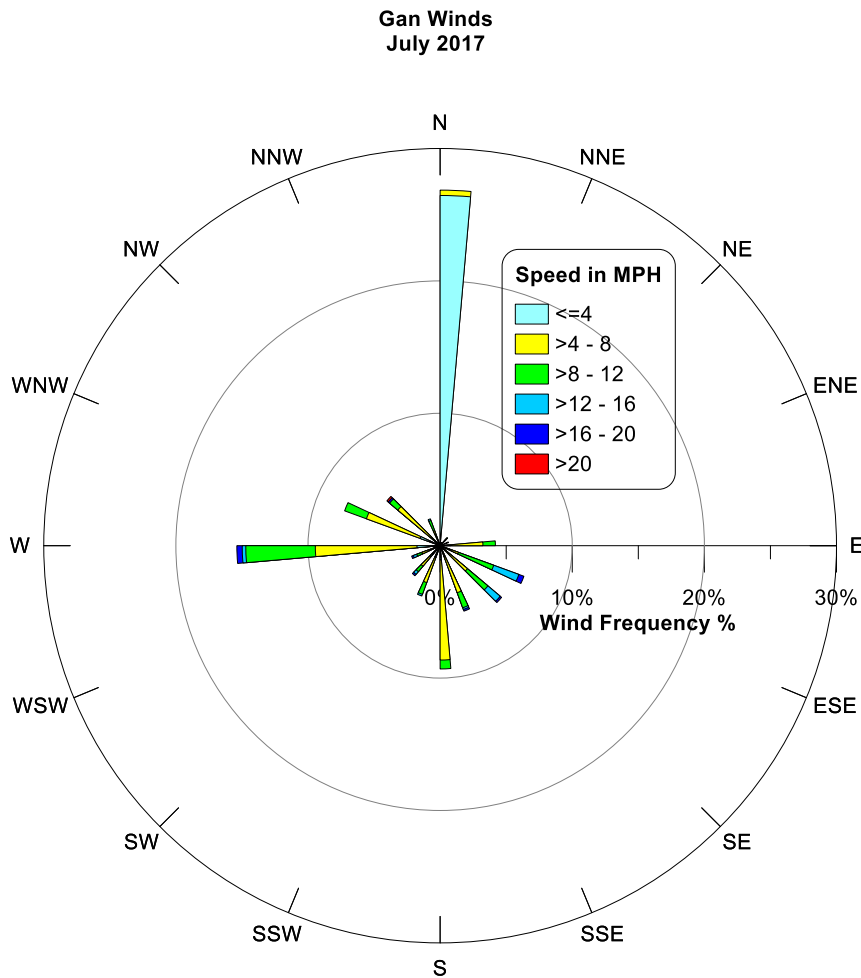
Southern part of the country received sunshine for 29 days last July, which amounts to 192 hours and 48 minutes. Furthermore, in July 2016 southern part of the country received sunshine for 28 days, which amounts to 211 hours 30 minutes. Figure below shows daily sunshine (2016 and 2017) and daily average sunshine for the Month of July for southern part of Maldives.



Last July, the maximum wind speed in south was experienced on the 05th at 11:13 hours from *west-south-west* at a speed of 44 mph. However, the maximum wind speed in southern atolls in July 2016 was recorded on the 04th at 07:39 hours at a speed of 36 mph from *west-north-west*. Figure below shows daily maximum wind speed (2016 and 2017) and daily average maximum wind speed for the Month of July for southern part of Maldives.



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



This is the wind rose for Gan based on hourly wind data of the month July 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 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 July 1986

Highest wind recorded was 103.5 Miles from SW on 29 th July 1991

Highest rainfall within 24hrs recorded was 228.4 mm on 24 th November 2015
