

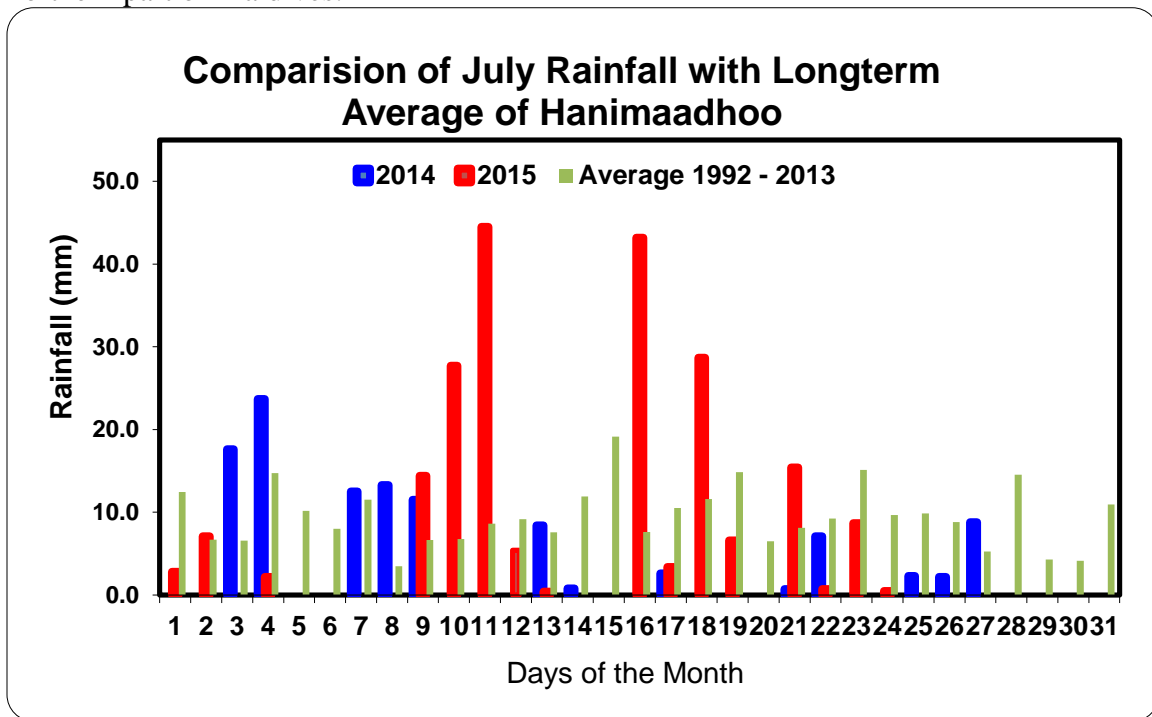


**Climate Conditions in July 2015**

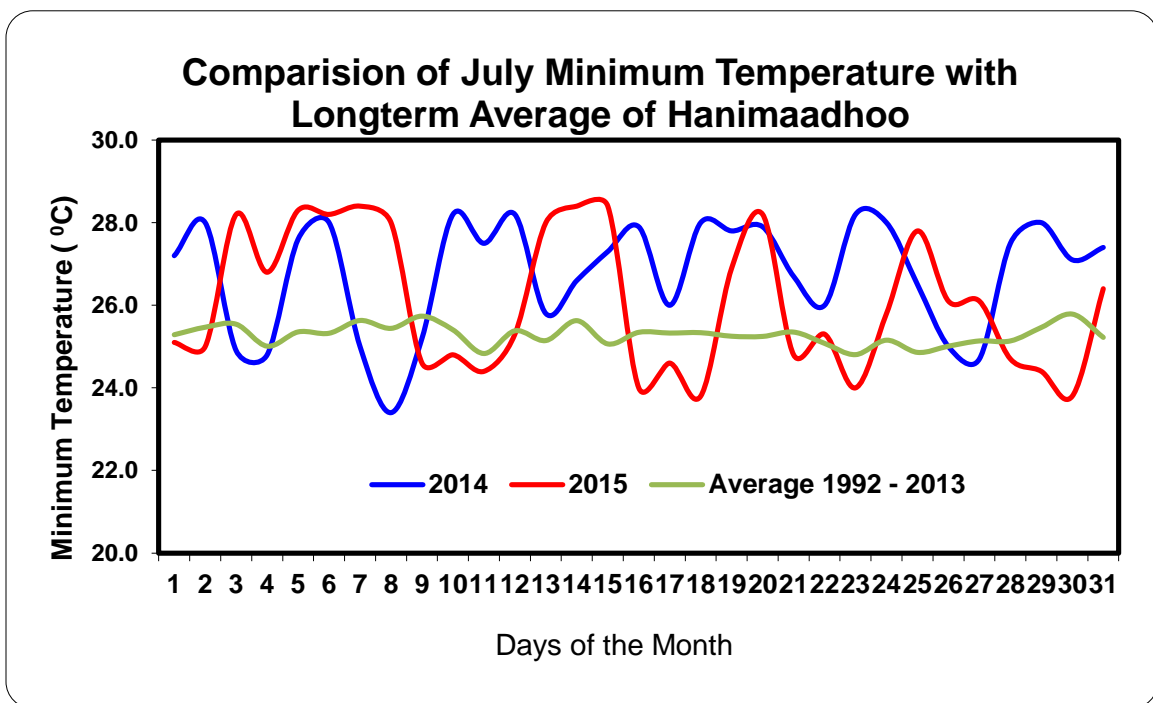
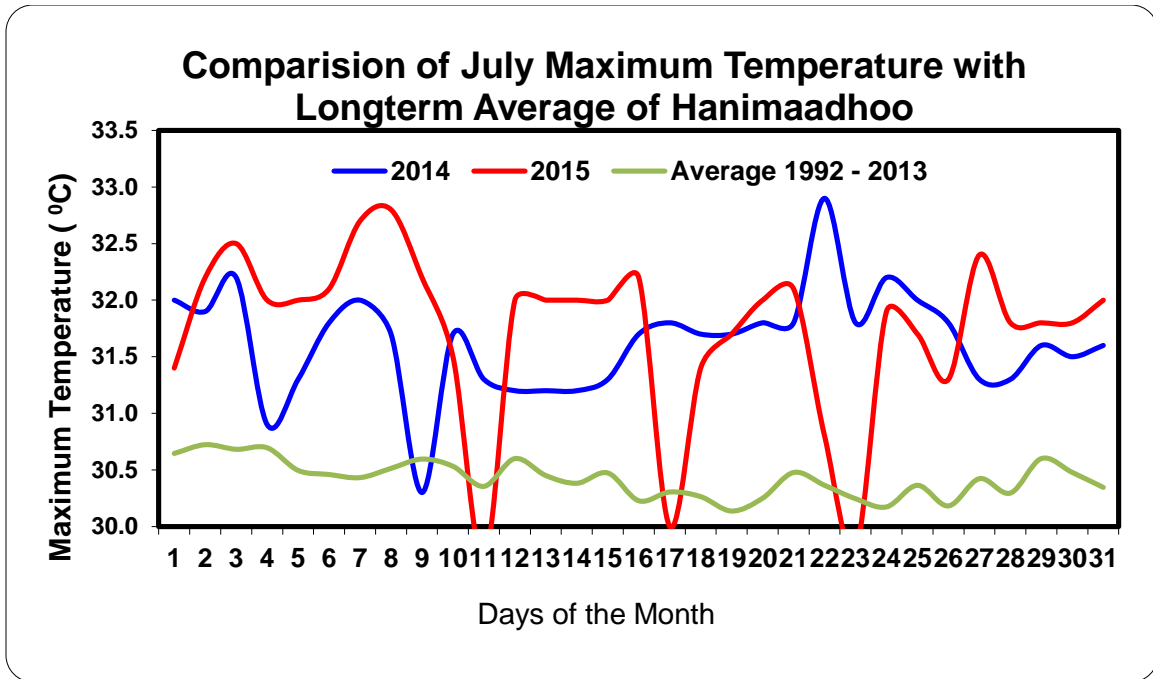
**Date:** 03<sup>rd</sup> July 2015

**North**

Last July, northern part of the country received a total rainfall of 212 mm. The highest rainfall within 24 hours was recorded on the 11<sup>th</sup> and amounts to 45 mm of rainfall. The rainfall received in July 2014 was 100 mm less than that of last July. Figure below shows daily total rainfall (2014 and 2015) and daily average rainfall for the Month of July for northern part of Maldives.

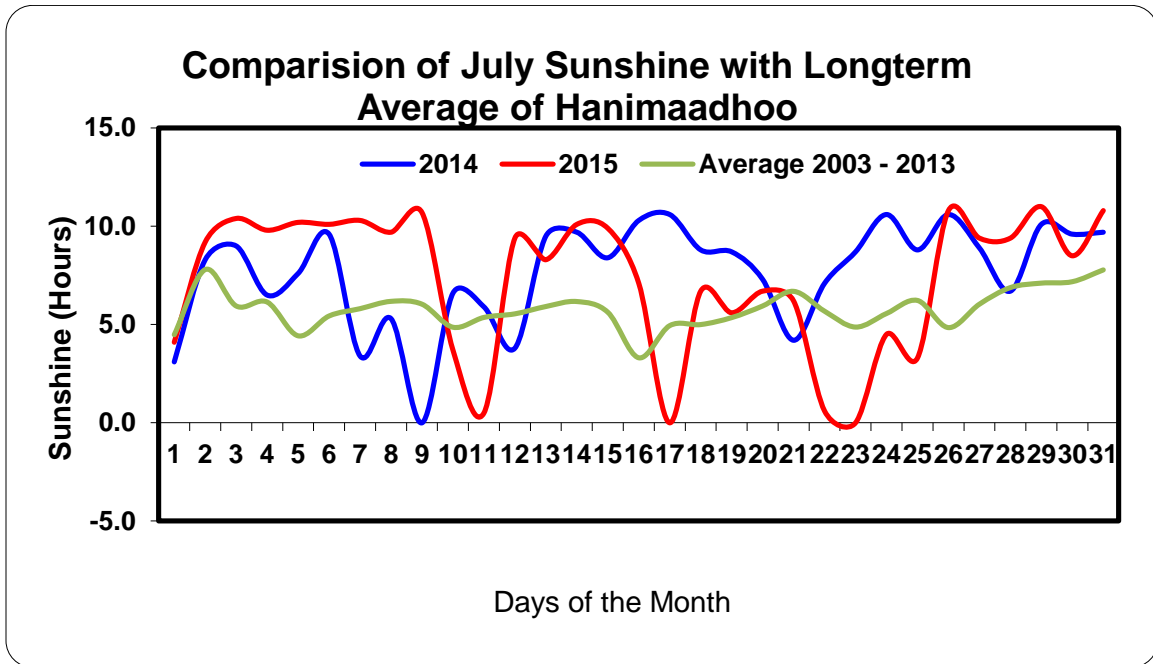


The highest temperature recorded in northern part of the Maldives last July was 33 degree Celsius, which was recorded on 08<sup>th</sup>. The minimum temperature recorded in the same area for the last month was 24 degree Celsius and was recorded on 08<sup>th</sup> and 30<sup>th</sup> of July. However, the highest temperature recorded in July 2014 in northern part of the country was 33 degree Celsius, which was recorded on the 22<sup>nd</sup>. Furthermore, the minimum temperature recorded in northern part in July 2014 was 23 degree Celsius, recorded on the 08<sup>th</sup>. Figure below shows daily maximum and minimum temperature (2014 and 2015) and average maximum and minimum temperature for the Month of July for northern part of Maldives.

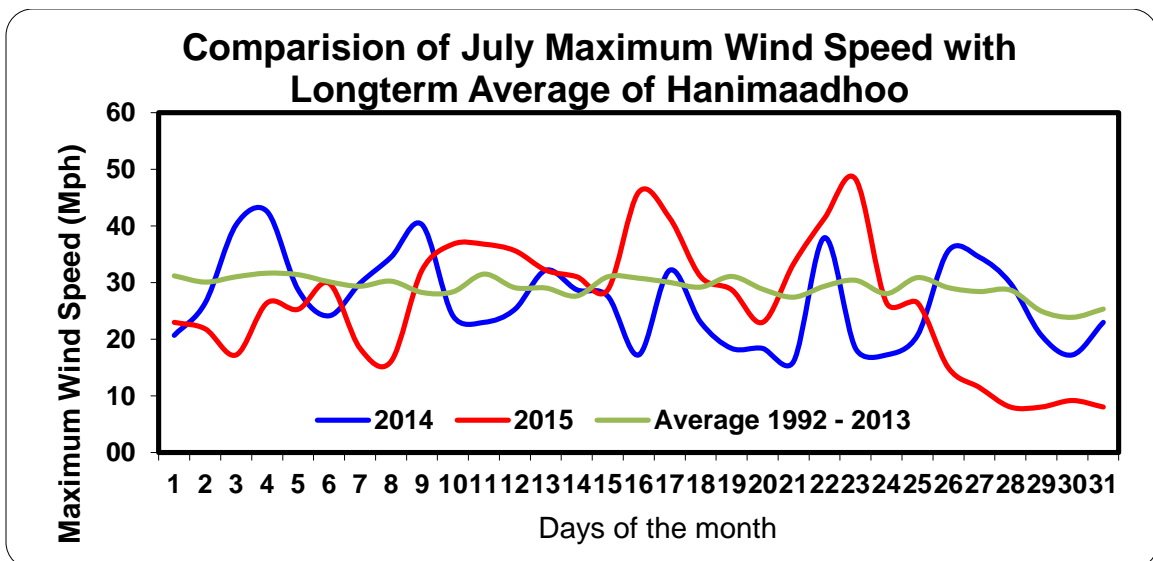


Northern part of the country received sunshine for 29 days last July, which amounts to 227 hours. Furthermore, in July 2014 northern part of the country received sunshine for 30 days, which amounts to 237 hours and 24 minutes. Figure below shows daily sunshine

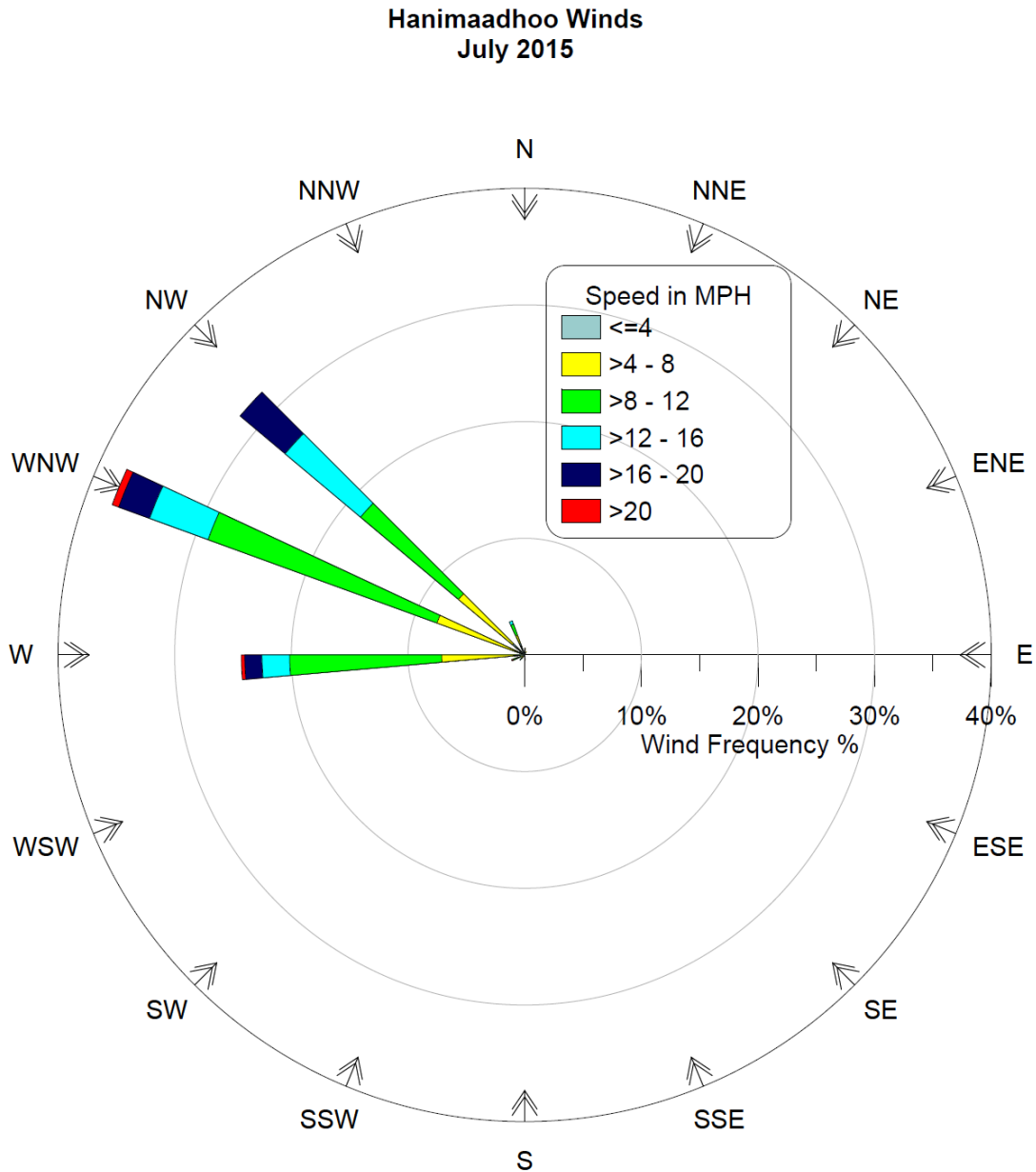
(2014 and 2015) and daily average sunshine for the Month of July for northern part of Maldives.



Last July, the maximum wind speed in the northern part was experienced on the 23<sup>rd</sup> at 15:13 hours from *west* at a speed of 48 mph. Furthermore, the maximum wind speed in the northern part in July 2014 was recorded on 04<sup>th</sup> at 23:31 hours from *north-west* at a speed of 43 mph. Figure below shows daily maximum wind speed (2014 and 2015) and daily average maximum wind speed for the Month of July for northern part of Maldives.



Below is wind frequency chart (Wind rose) of Hanimaadhoo for July 2015.

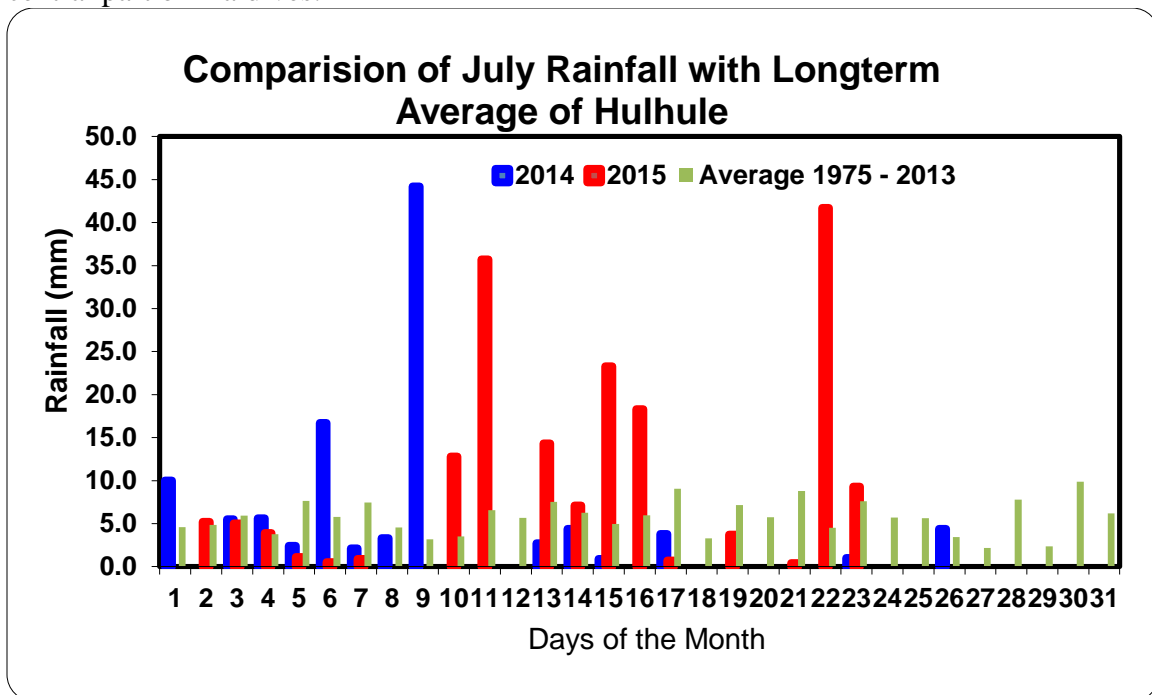


This is the wind rose for Hanimaadhoo based on hourly wind data of the month July 2015. This rose shows that the winds at Hanimaadhoo during the period blow from the *west-north-west* much of the time. In fact, the spoke in the direction *west* comprises about 25% of all hourly wind directions. This also shows that the wind rarely blows from *north-north-west* and *south-west*.

Highest maximum temperature recorded was 34.4 °C on 27 <sup>th</sup> April 1998
Lowest minimum temperature recorded was 18.2 °C on 23 <sup>rd</sup> December 2002
Highest wind recorded was 87.4 Miles from NNW on 03 <sup>rd</sup> July 1991
Highest rainfall within 24hrs recorded was 146.9 mm on 26 <sup>th</sup> May 2008

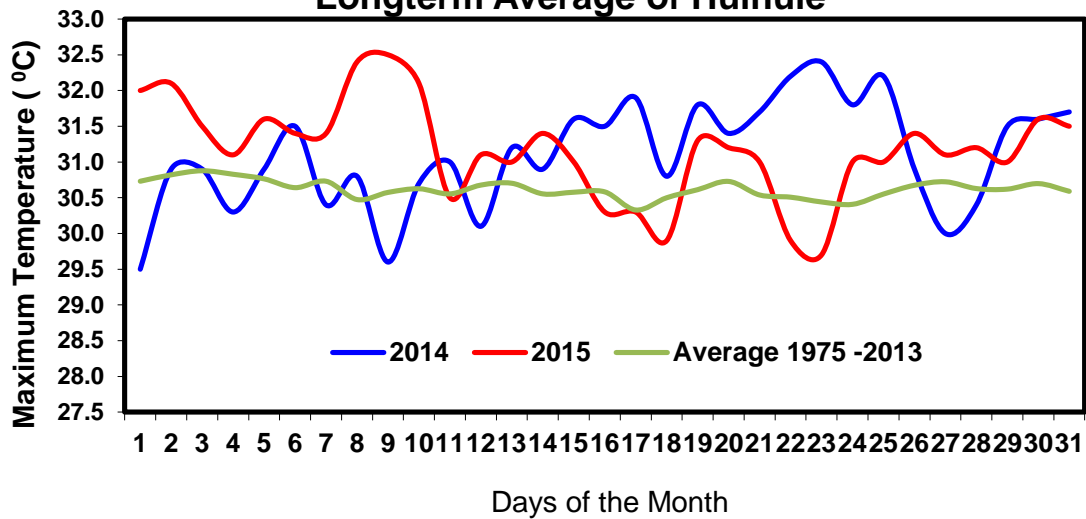
### Central part

Last July, central part of the country received a total rainfall of 184 mm. The highest rainfall within 24 hours was recorded on the 22<sup>nd</sup> and amounts to 42 mm of rainfall. The rainfall received in July 2014 was 77 mm less than that of last July. Figure below shows daily total rainfall (2014 and 2015) and daily average rainfall for the Month of July for central part of Maldives.

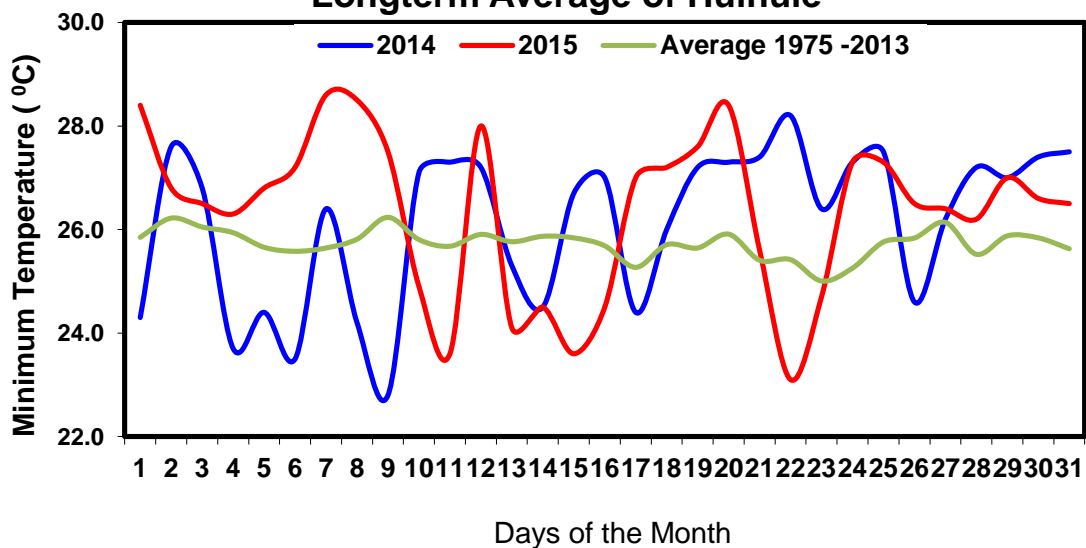


The highest temperature recorded in central part of the Maldives last July was 33 degree Celsius, which was recorded on the 09<sup>th</sup>. The minimum temperature recorded in the same area for the last month was 23 degree Celsius and was recorded on the 22<sup>nd</sup> of July. On the other hand, the highest temperature recorded in July 2014 in central part of the country was 32 degree Celsius, which was recorded on the 23<sup>rd</sup>. Furthermore, the minimum temperature recorded in the central part in July 2014 was 23 degree Celsius, recorded on the 09<sup>th</sup>. Figure below shows daily maximum and minimum temperature (2014 and 2015) 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**

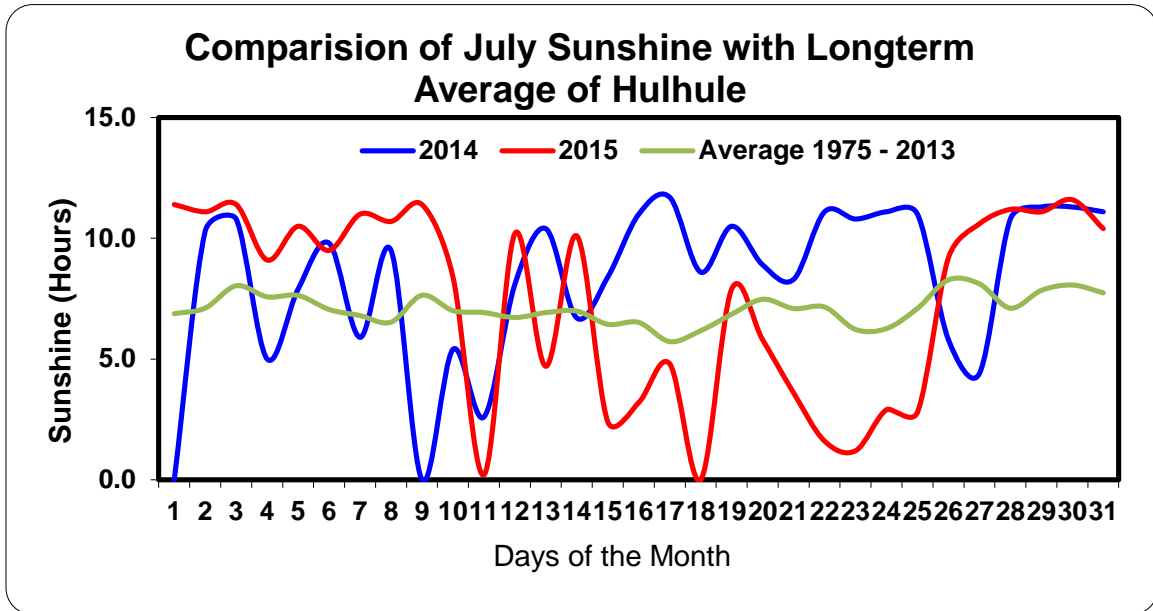


**Comparison of July Minimum Temperature with Longterm Average of Hulhule**

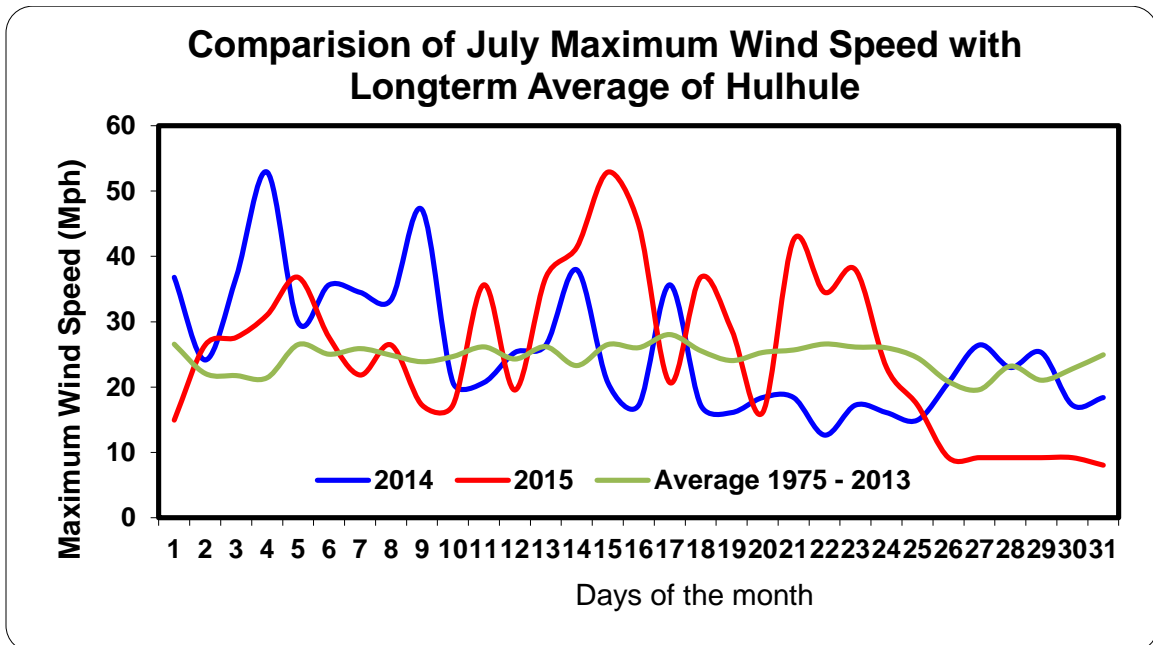


Central part of the country received sunshine for 30 days last July, which amounts to 230 hours. Furthermore, in July 2014 central part of the country received sunshine for 29 days, which amounts to 258 hours and 30 minutes. Figure below shows daily sunshine

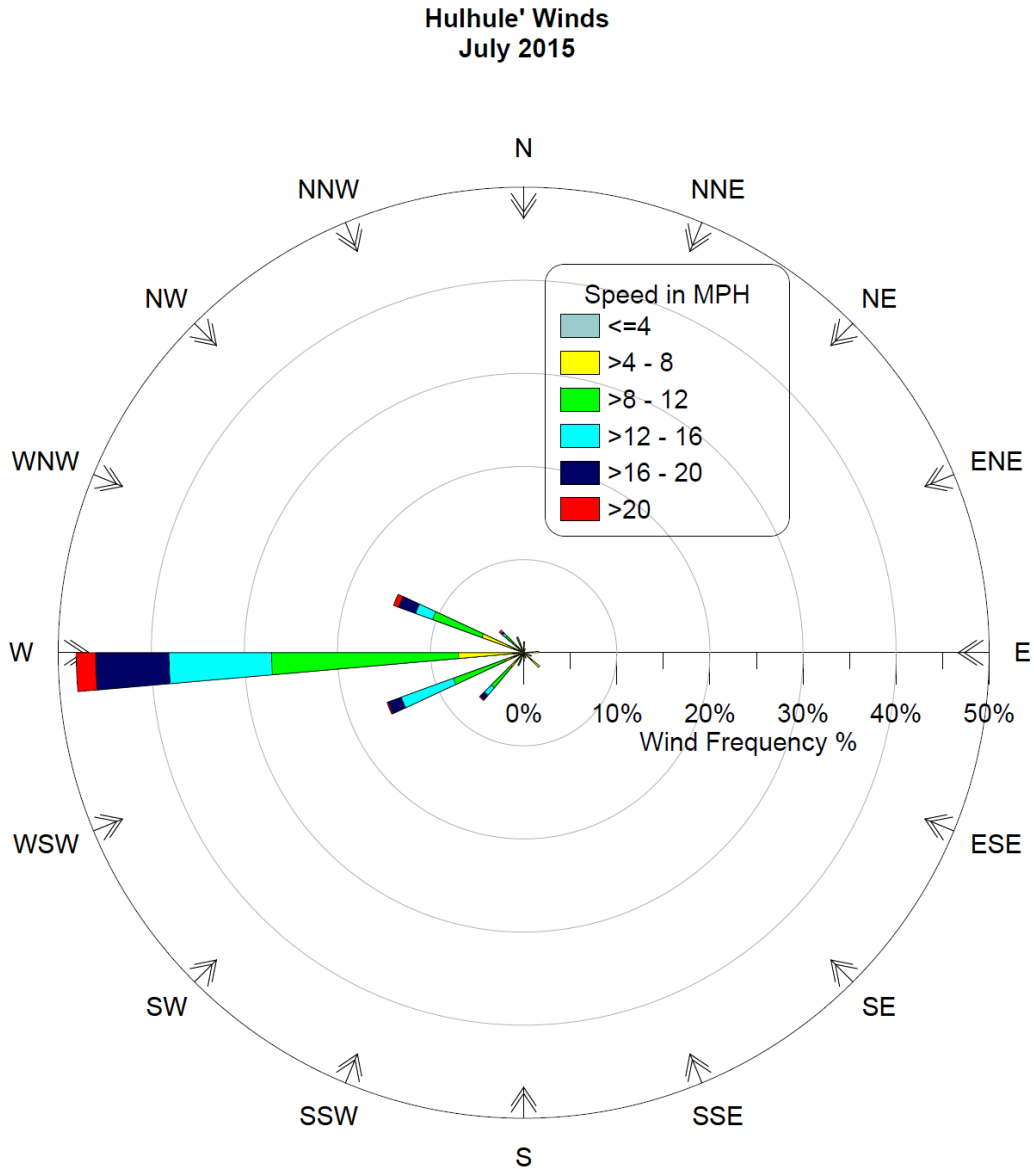
(2014 and 2015) and daily average sunshine for the Month of July for central part of Maldives.



Last July, the maximum wind speed in Central part of the country was experienced on the 15<sup>th</sup> at 13:30 hours from *west-north-west* at a speed of 53 mph. However, the maximum wind speed in central part in July 2014 was recorded on the 04<sup>th</sup> at 16:55 hours at a speed of 53 mph from *west*. Figure below shows daily maximum wind speed (2014 and 2015) 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 2015.



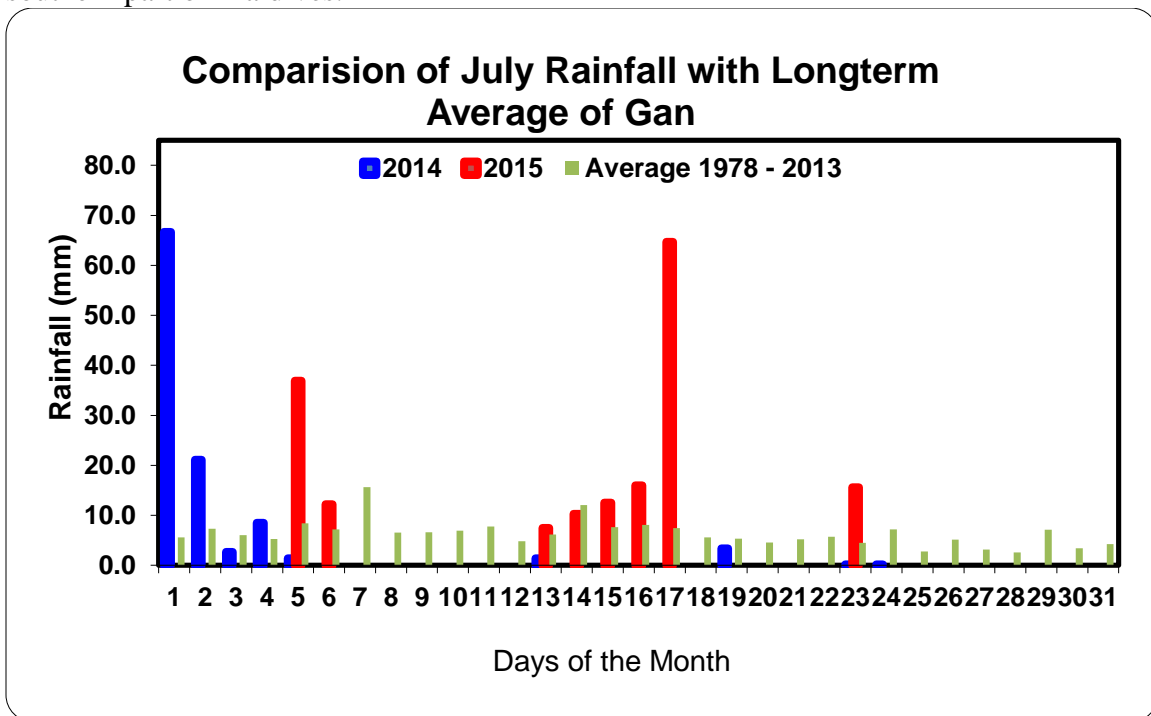
This is the wind rose for Hulhule' based on hourly wind data of the month July 2015. This rose shows that the winds at Hulhule' during the period blow from the *west* much of the time. In fact, the spokes in the directions *south-west*, *west-south-west*, and *west-north-west* comprise about 35% of all hourly wind directions. This also shows that the wind rarely blows from *south-east*, *south-west* and *north-west*.



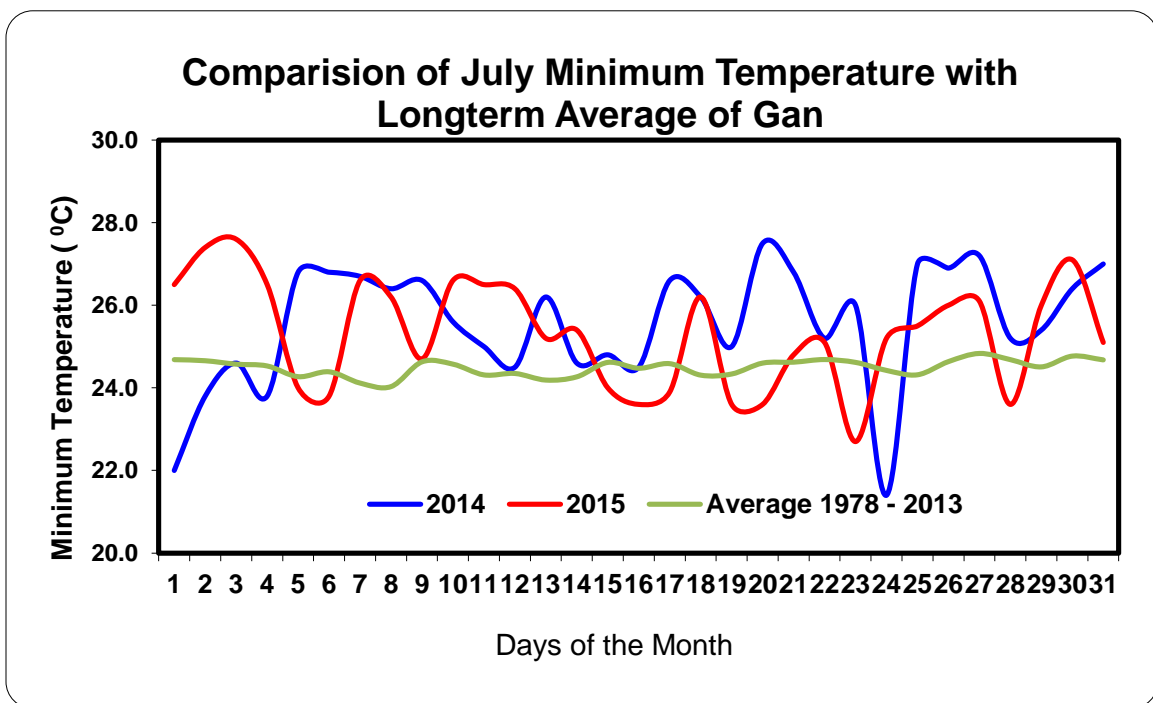
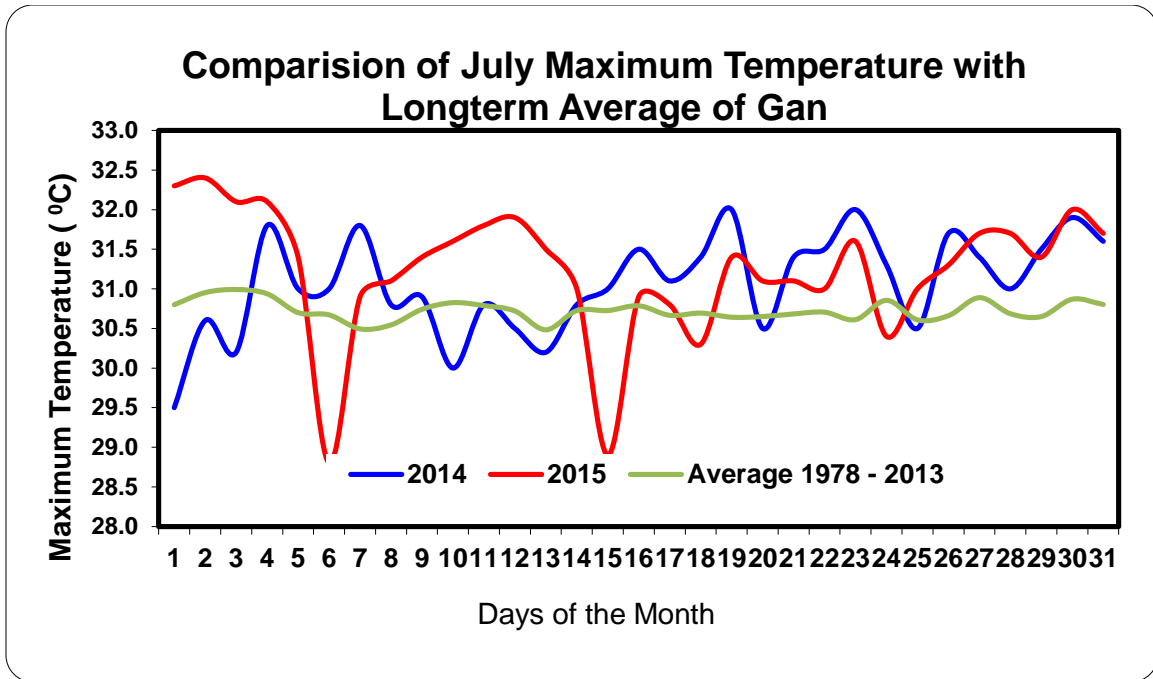
Highest maximum temperature recorded was 34.1 °C on 28 <sup>th</sup> April 1973
Lowest minimum temperature recorded was 19.0 °C on 23 <sup>rd</sup> November 1984
Highest wind recorded was 71.3 Miles from W on 03 <sup>rd</sup> November 1978
Highest rainfall within 24hrs recorded was 200.0 mm on 11 <sup>th</sup> December 1998

### South

Last July, southern part of the country received a total rainfall of 176 mm. The highest rainfall within 24 hours was recorded on the 17<sup>th</sup> and amounts to 65 mm of rainfall. The rainfall received in July 2014 was 70 mm less than that of last July. Figure below shows daily total rainfall (2014 and 2015) and daily average rainfall for the Month of July for southern part of Maldives.

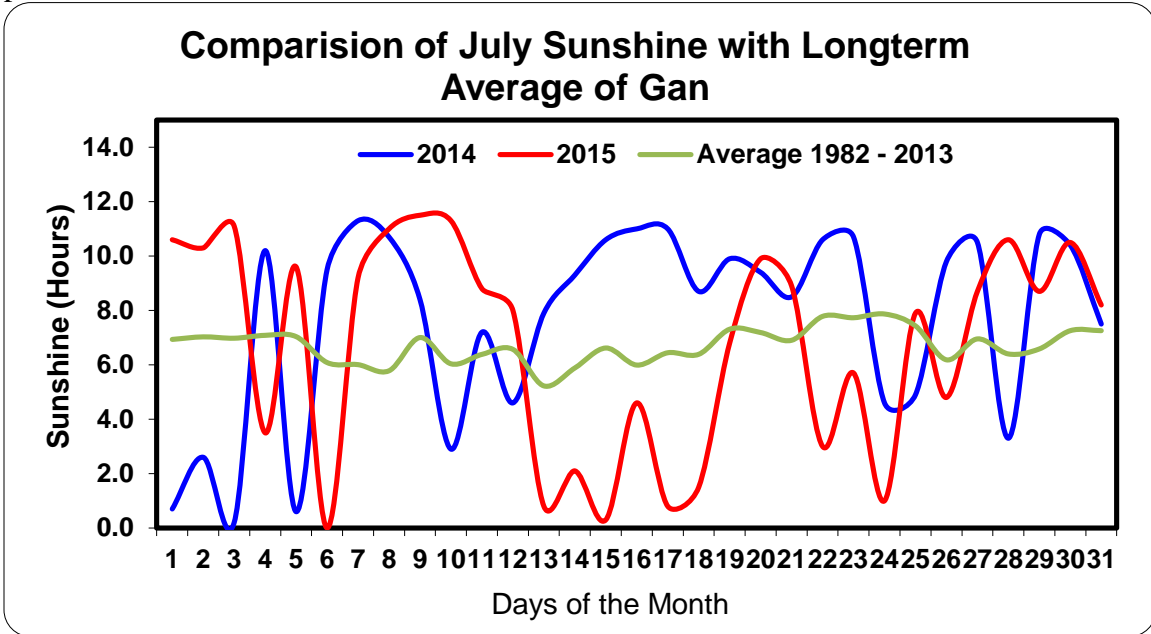


The highest temperature recorded in southern part of the Maldives last July was 32 degree Celsius, which was recorded on the 22<sup>nd</sup>. The minimum temperature recorded in the same area for the last month was 23 degree Celsius and was recorded on the 23<sup>rd</sup> of July. However, the highest temperature recorded in July 2014 in southern parts of the country was 32 degree Celsius, which was recorded on the 19<sup>th</sup> and 23<sup>rd</sup>. Furthermore, the minimum temperature recorded in south in July 2014 was 21 degree Celsius, recorded on the 24<sup>th</sup>. Figure below shows daily maximum and minimum temperature (2014 and 2015) and average maximum and minimum temperature for the Month of July for southern part of Maldives.

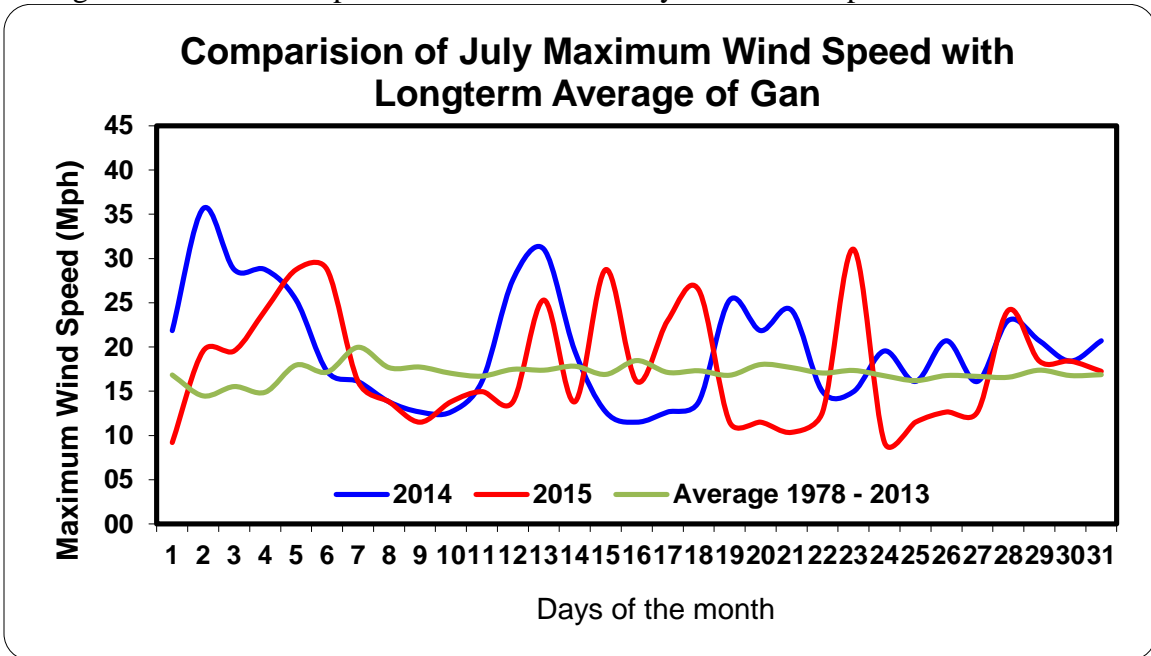


Southern part of the country received sunshine for 30 days last July, which amounts to 209 hours and 28 minutes. Furthermore, in July 2014 southern part of the country received sunshine for 30 days, which amounts to 238 hours. Figure below shows daily

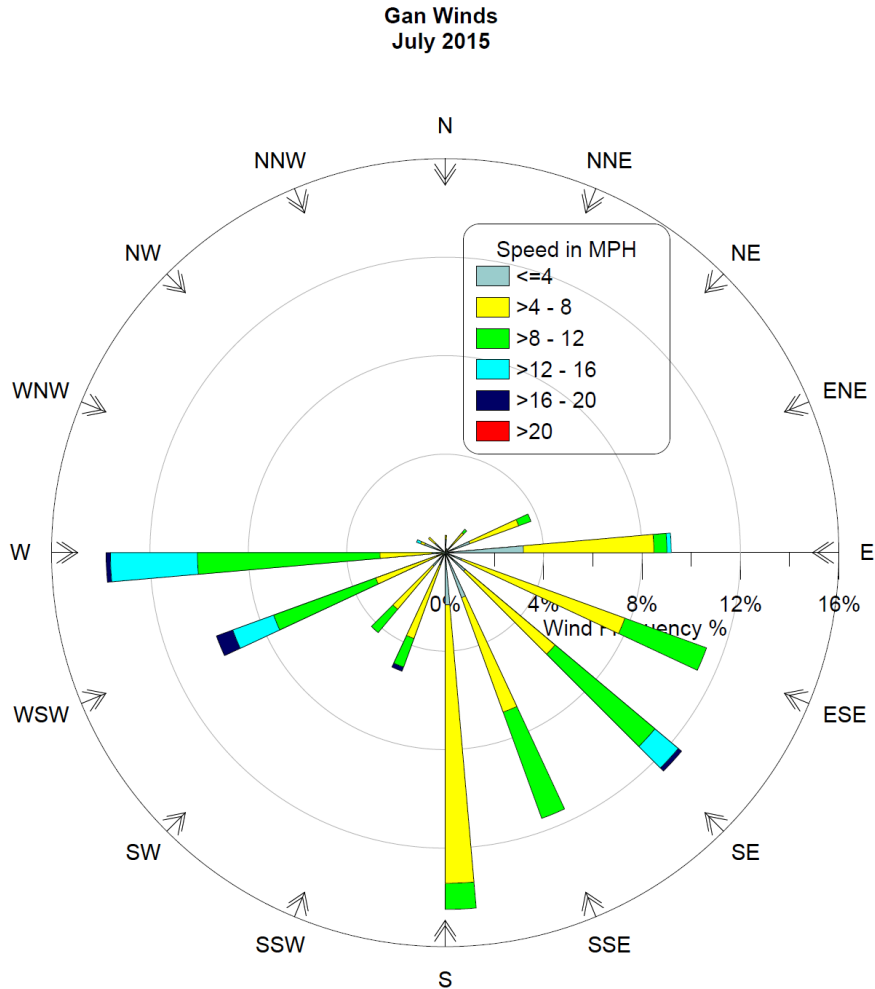
sunshine (2014 and 2015) and daily average sunshine for the Month of July for southern part of Maldives.



Last July, the maximum wind speed in south was experienced on the 23<sup>rd</sup> at 18:35 hours from *west-north-west* at a speed of 31 mph. However, the maximum wind speed in southern atolls in July 2014 was recorded on the 03<sup>rd</sup> at 01:05 hours at a speed of 36 mph from *west*. Figure below shows daily maximum wind speed (2014 and 2015) 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 2015.



This is the wind rose for Gan based on hourly wind data of the month July 2015. This rose shows that the winds at Gan during the period blow from the *east-south-east, south-east, south-south-east, south* and *west* much of the time. In fact, the spokes in the directions *east, west-south-west, and west* comprise about 34% of all hourly wind directions. This also shows that the wind rarely blows from *east-north-east, south-south-west* and *south-west*.

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 188.3 mm on 27 <sup>th</sup> July 1997
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