

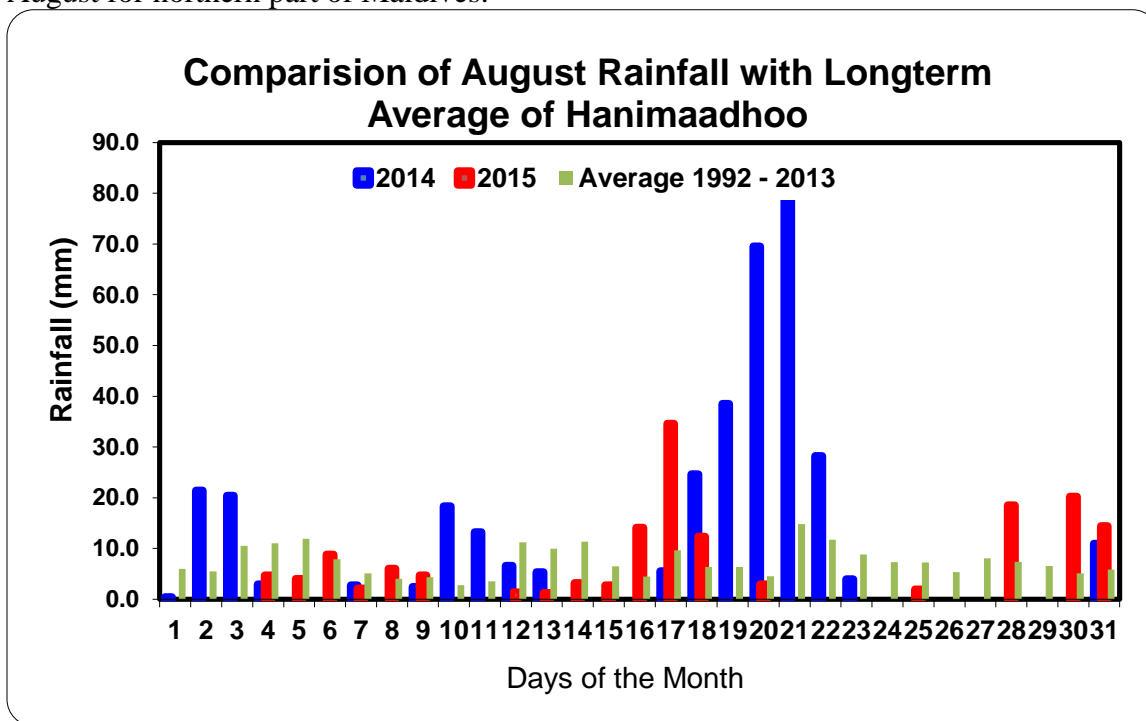


**Climate Conditions in August 2015**

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

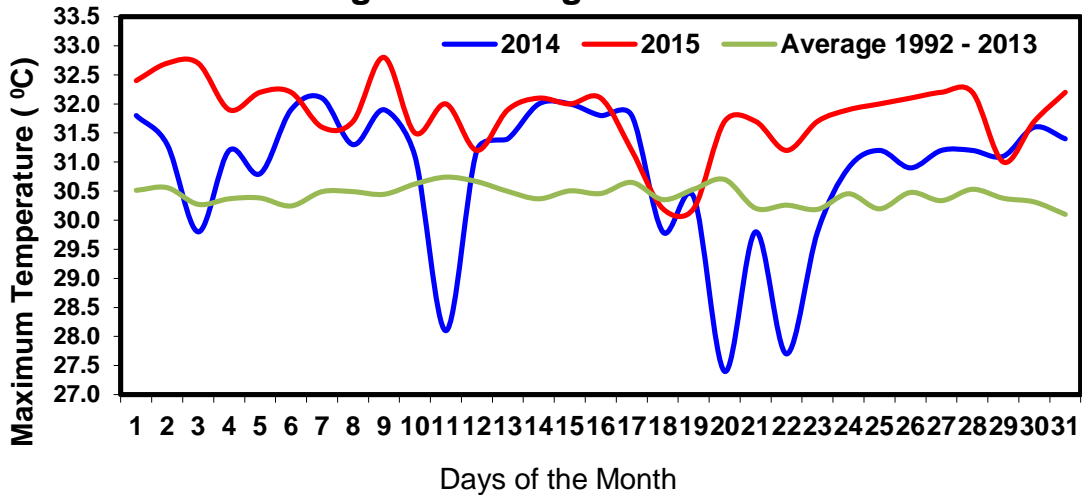
**North**

Last August, northern part of the country received a total rainfall of 158 mm. The highest rainfall within 24 hours was recorded on the 17<sup>th</sup> and amounts to 35 mm of rainfall. The rainfall received in August 2014 was 100 mm more than that of last August. Figure below shows daily total rainfall (2014 and 2015) and daily average rainfall for the Month of August for northern part of Maldives.

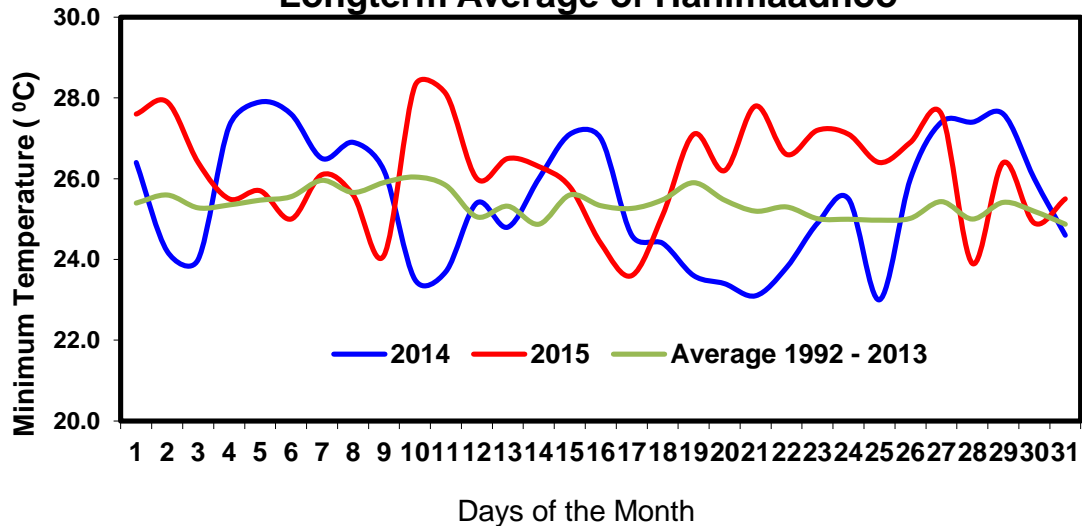


The highest temperature recorded in northern part of the Maldives last August was 32 degree Celsius, which was recorded on 09<sup>th</sup>. The minimum temperature recorded in the same area for the last month was 23 degree Celsius and was recorded on 17<sup>th</sup> of August. However, the highest temperature recorded in August 2014 in northern part of the country was 32 degree Celsius, which was recorded on the 07<sup>th</sup>. Furthermore, the minimum temperature recorded in northern part in August 2014 was 23 degree Celsius, recorded on the 25<sup>th</sup>. Figure below shows daily maximum and minimum temperature (2014 and 2015) and average maximum and minimum temperature for the Month of August for northern part of Maldives.

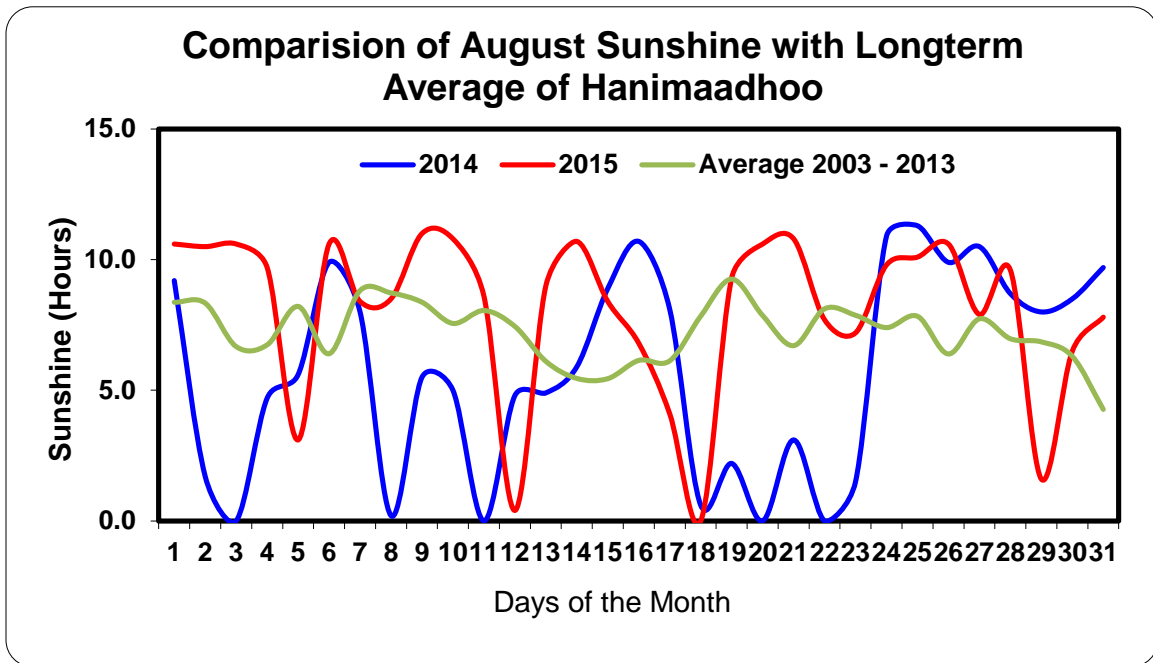
**Comparison of August Maximum Temperature with Longterm Average of Hanimaadhoo**



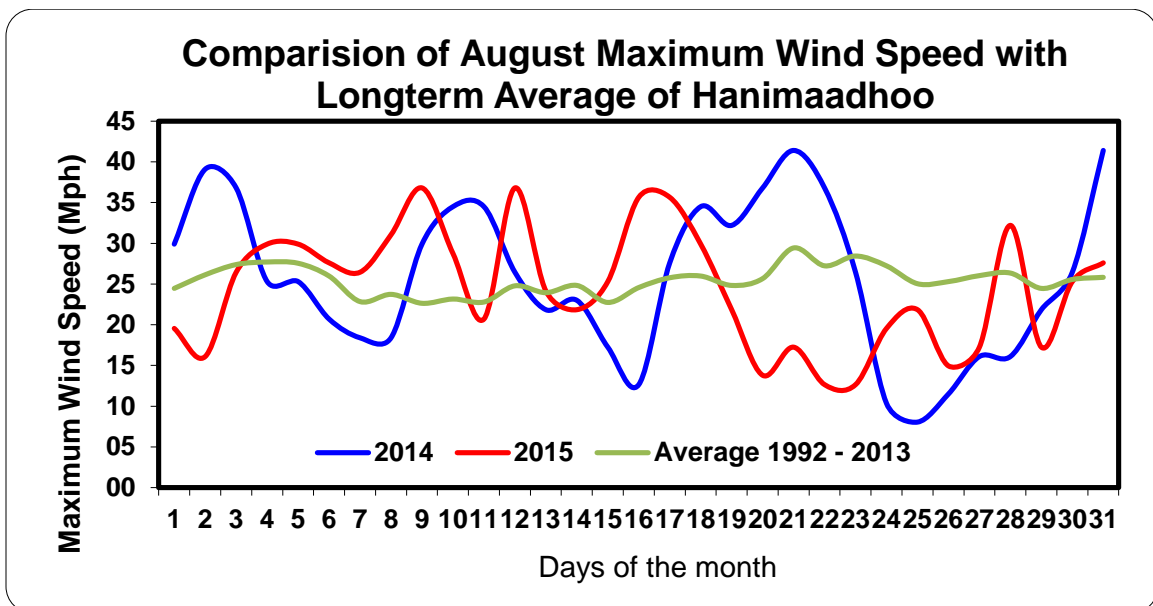
**Comparison of August Minimum Temperature with Longterm Average of Hanimaadhoo**



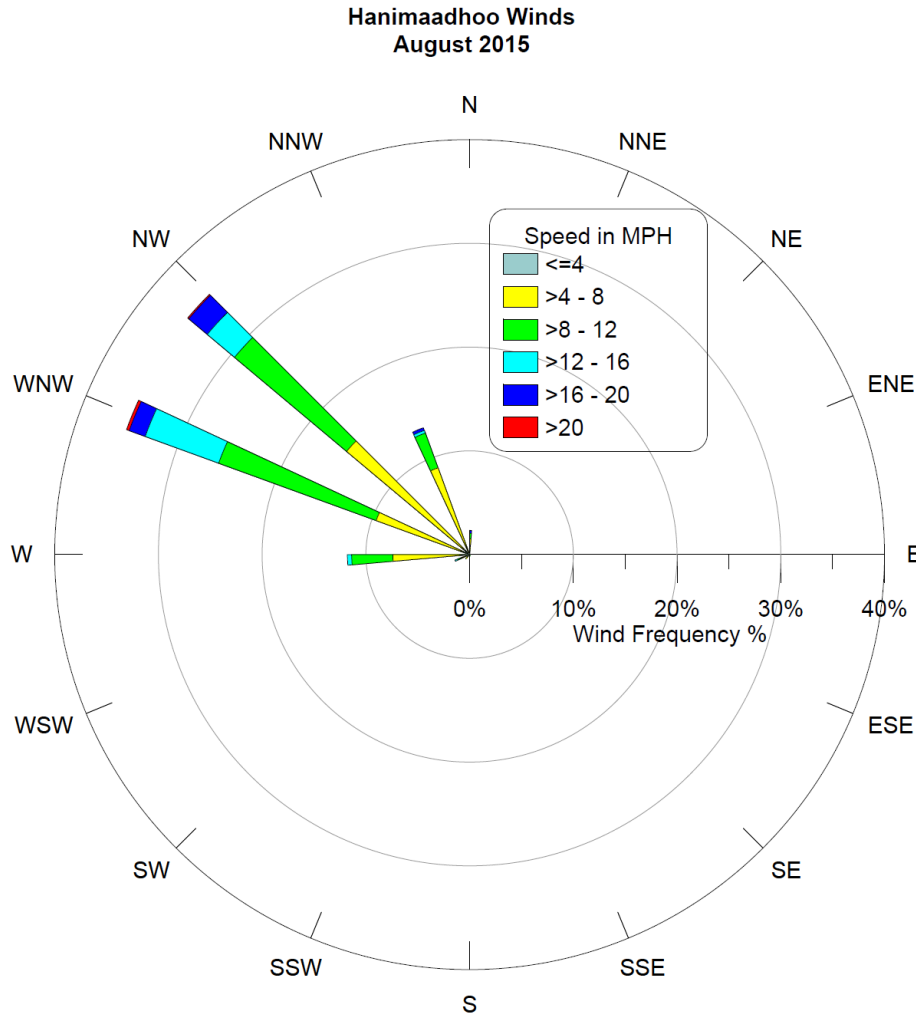
Northern part of the country received sunshine for 30 days last August, which amounts to 251 hours 18 minutes. Furthermore, in August 2014 northern part of the country received sunshine for 27 days, which amounts to 178 hours. Figure below shows daily sunshine (2014 and 2015) and daily average sunshine for the Month of August for northern part of Maldives.



Last August, the maximum wind speed in the northern part was experienced on the 10<sup>th</sup> at 00:44 hours from *west* and on the 12<sup>th</sup> at 11:25 hours from *west-north-west* at a speed of 36 mph. Furthermore, the maximum wind speed in the northern part in August 2014 was recorded on 21<sup>st</sup> at 13:54 hours from *west* at a speed of 41 mph. Figure below shows daily maximum wind speed (2014 and 2015) and daily average maximum wind speed for the Month of August for northern part of Maldives.



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



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

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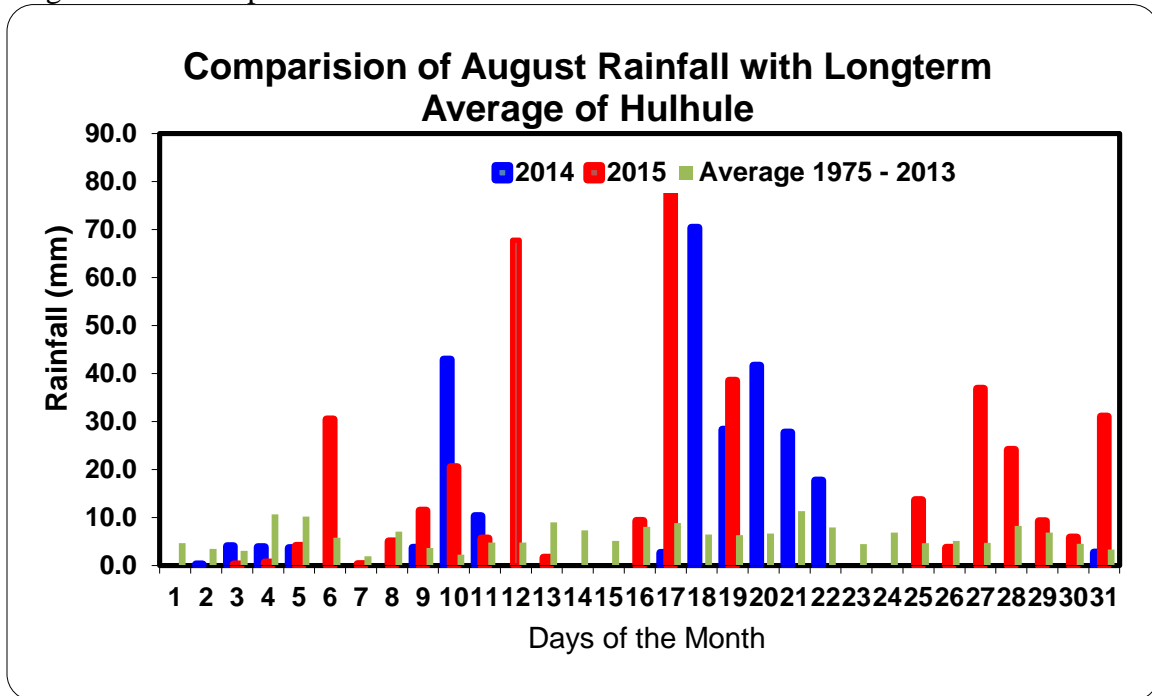
Lowest minimum temperature recorded was 18.2 °C on 23 <sup>rd</sup> December 2002
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Highest wind recorded was 87.4 Miles from NNW on 03 <sup>rd</sup> August 1991
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Highest rainfall within 24hrs recorded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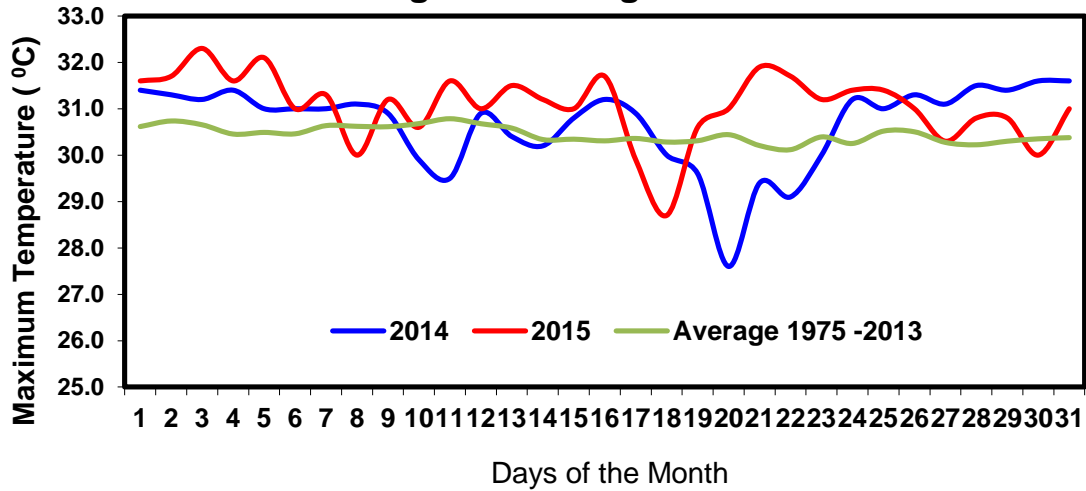
### Central part

Last August, central part of the country received a total rainfall of 398 mm. The highest rainfall within 24 hours was recorded on the 17<sup>th</sup> and amounts to 78 mm of rainfall. The rainfall received in August 2014 was 138 mm less than that of last August. Figure below shows daily total rainfall (2014 and 2015) and daily average rainfall for the Month of August for central part of Maldives.

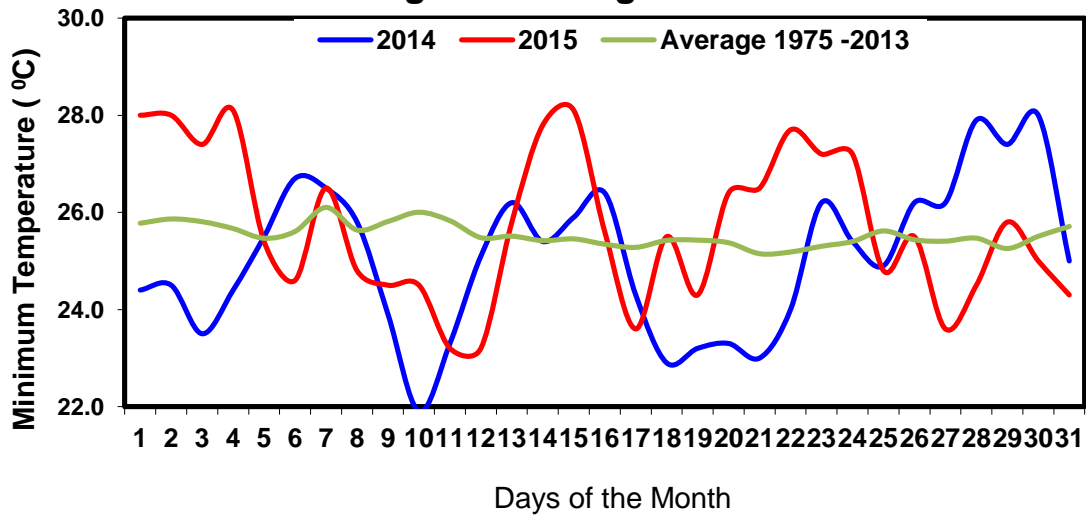


The highest temperature recorded in central part of the Maldives last August was 32 degree Celsius, which was recorded on the 03<sup>rd</sup>. The minimum temperature recorded in the same area for the last month was 23 degree Celsius and was recorded on the 11<sup>th</sup> and 12<sup>th</sup> of August. On the other hand, the highest temperature recorded in August 2014 in central part of the country was 32 degree Celsius, which was recorded on the 30<sup>th</sup> and 31<sup>st</sup>. Furthermore, the minimum temperature recorded in the central part in August 2014 was 22 degree Celsius, recorded on the 10<sup>th</sup>. Figure below shows daily maximum and minimum temperature (2014 and 2015) and average maximum and minimum temperature for the Month of August for central part of Maldives.

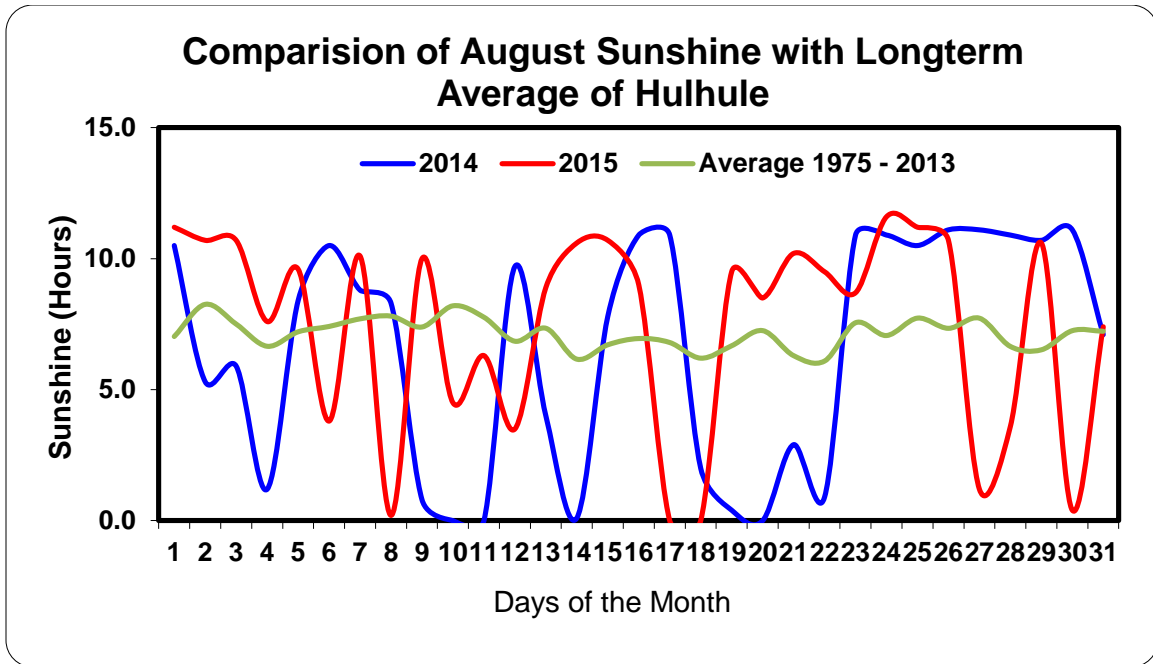
**Comparison of August Maximum Temperature with Longterm Average of Hulhule**



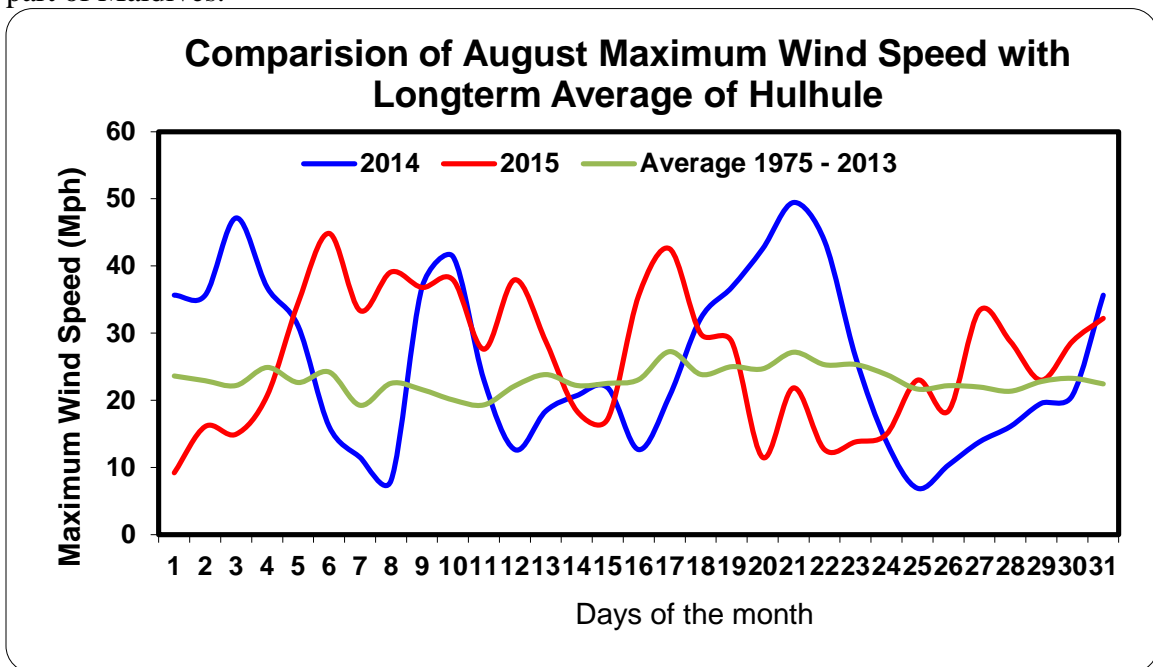
**Comparison of August Minimum Temperature with Longterm Average of Hulhule**



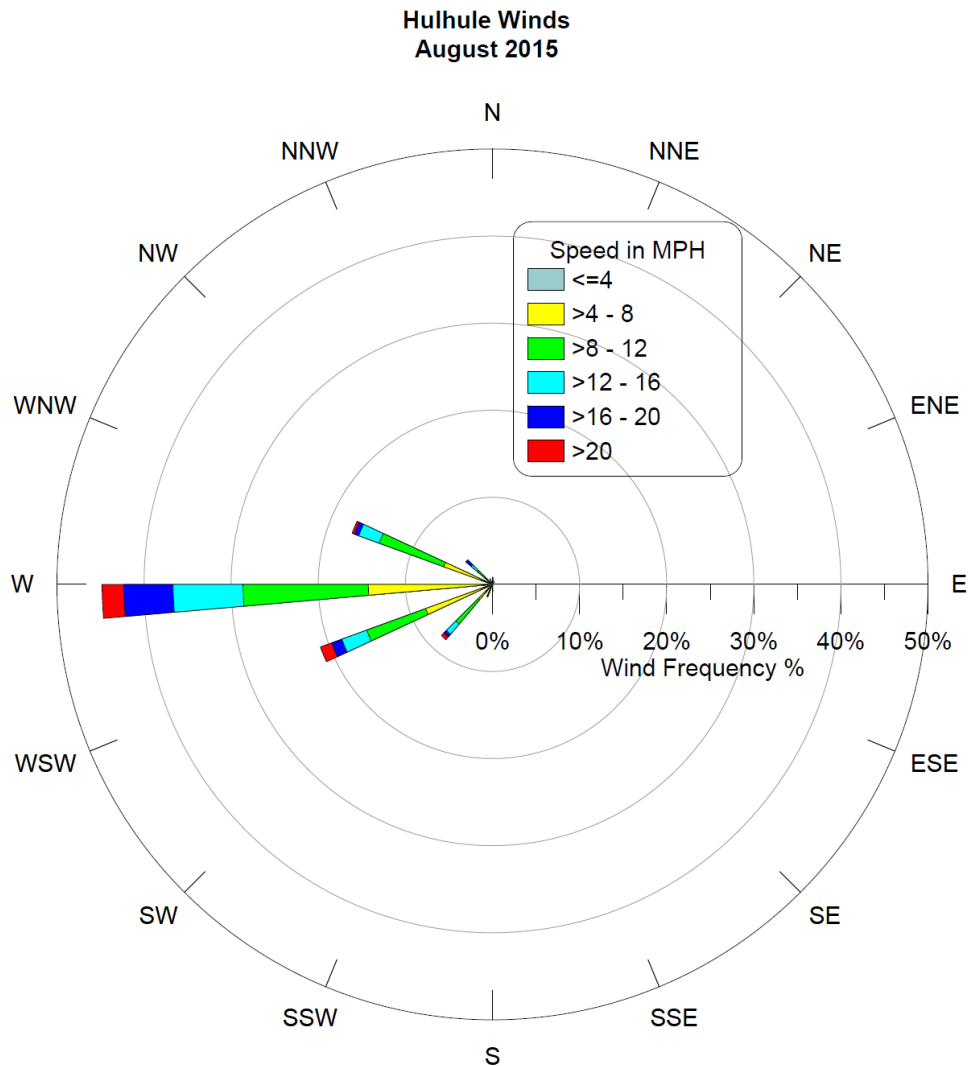
Central part of the country received sunshine for 29 days last August, which amounts to 230 hours 30 minutes. Furthermore, in August 2014 central part of the country received sunshine for 28 days, which amounts to 203 hours. Figure below shows daily sunshine (2014 and 2015) and daily average sunshine for the Month of August for central part of Maldives.



Last August, the maximum wind speed in Central part of the country was experienced on the 06<sup>th</sup> at 14:38 hours from *west* at a speed of 45 mph. However, the maximum wind speed in central part in August 2014 was recorded on the 21<sup>st</sup> at 20:15 hours at a speed of 49 mph from *west-south-west*. Figure below shows daily maximum wind speed (2014 and 2015) and daily average maximum wind speed for the Month of August for central part of Maldives.



Below is wind frequency chart (Wind rose) of Hulhule for August 2015.



This is the wind rose for Hulhule' based on hourly wind data of the month August 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 45% of all hourly wind directions. This also shows that the wind rarely blows from *north-west*.

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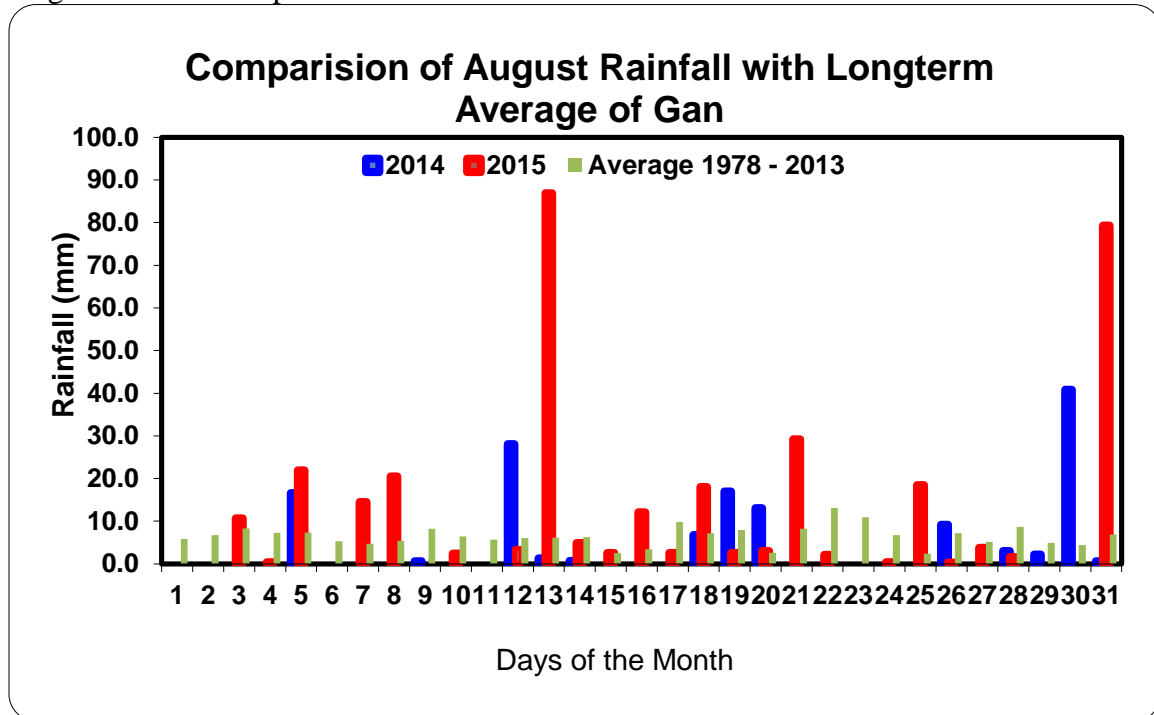
Highest wind recorded was 71.3 Miles from W on 03 <sup>rd</sup> November 1978
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Highest rainfall within 24hrs recorded was 200.0 mm on 11 <sup>th</sup> December 1998
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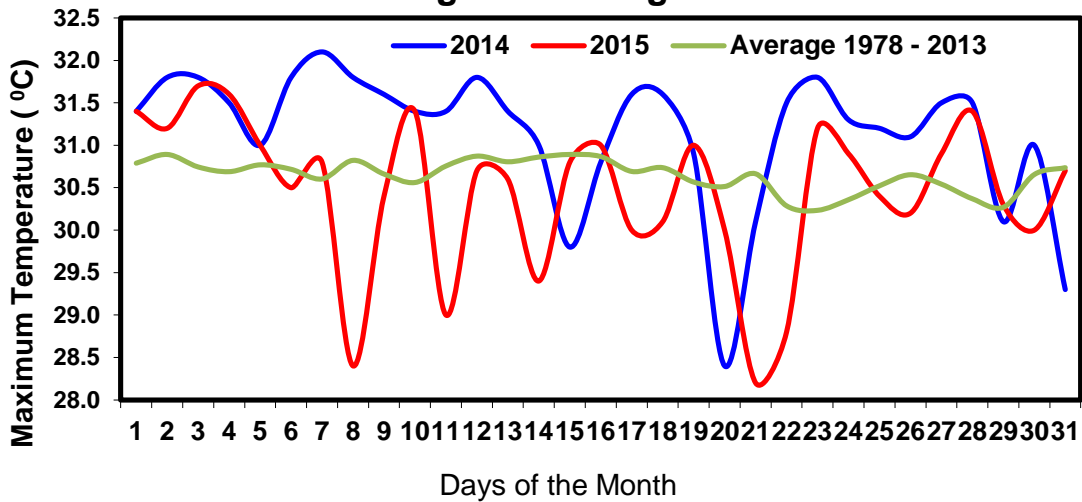
## South

Last August, southern part of the country received a total rainfall of 342 mm. The highest rainfall within 24 hours was recorded on the 13<sup>th</sup> and amounts to 87 mm of rainfall. The rainfall received in August 2014 was 202 mm less than that of last August. Figure below shows daily total rainfall (2014 and 2015) and daily average rainfall for the Month of August for southern part of Maldives.

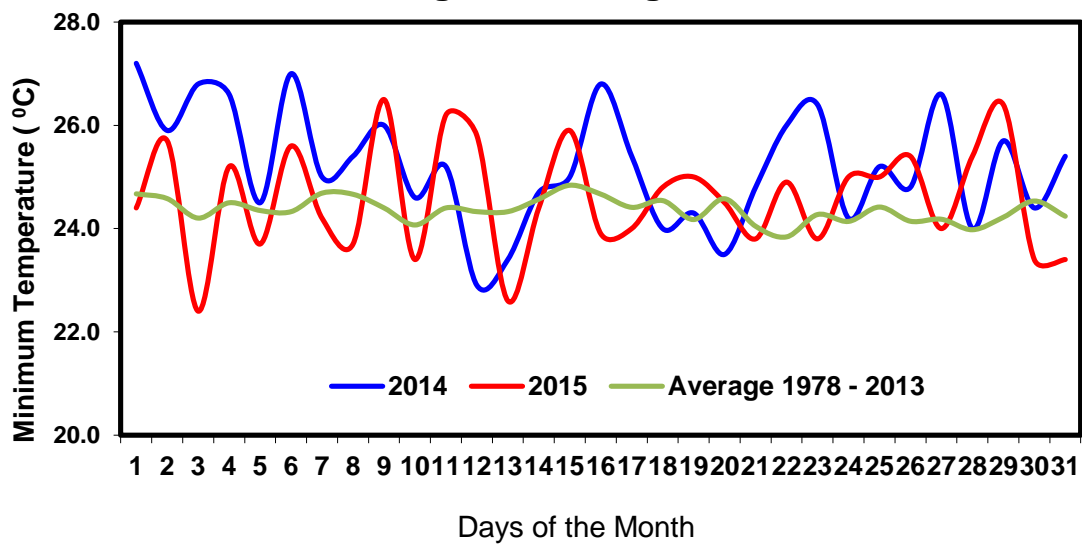


The highest temperature recorded in southern part of the Maldives last August was 31 degree Celsius, which was recorded on the 03<sup>rd</sup>. The minimum temperature recorded in the same area for the last month was 22 degree Celsius and was recorded on the 03<sup>rd</sup> of August. However, the highest temperature recorded in August 2014 in southern parts of the country was 32 degree Celsius, which was recorded on the 07<sup>th</sup>. Furthermore, the minimum temperature recorded in south in August 2014 was 23 degree Celsius, recorded on the 12<sup>th</sup>. Figure below shows daily maximum and minimum temperature (2014 and 2015) and average maximum and minimum temperature for the Month of August for southern part of Maldives.

**Comparison of August Maximum Temperature with Longterm Average of Gan**

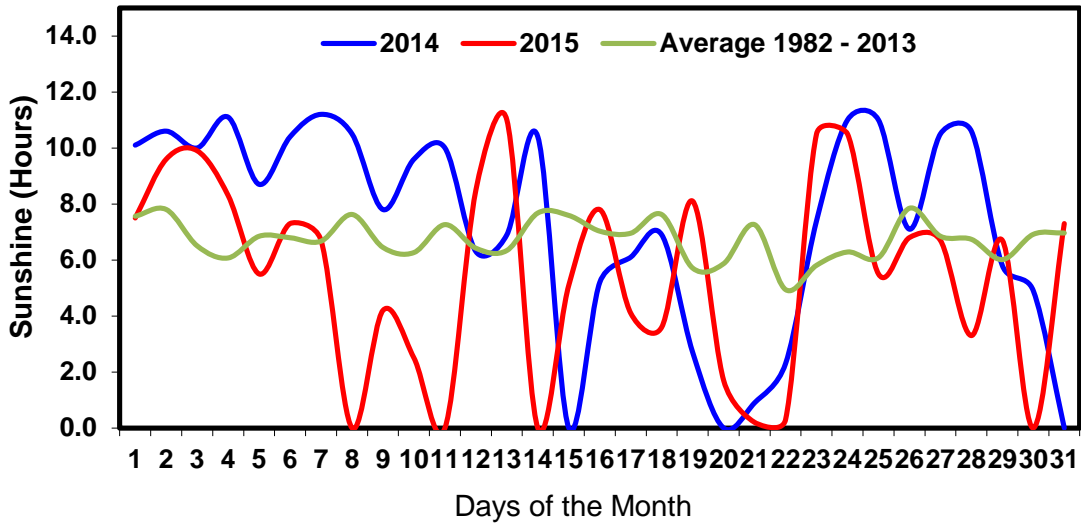


**Comparison of August Minimum Temperature with Longterm Average of Gan**



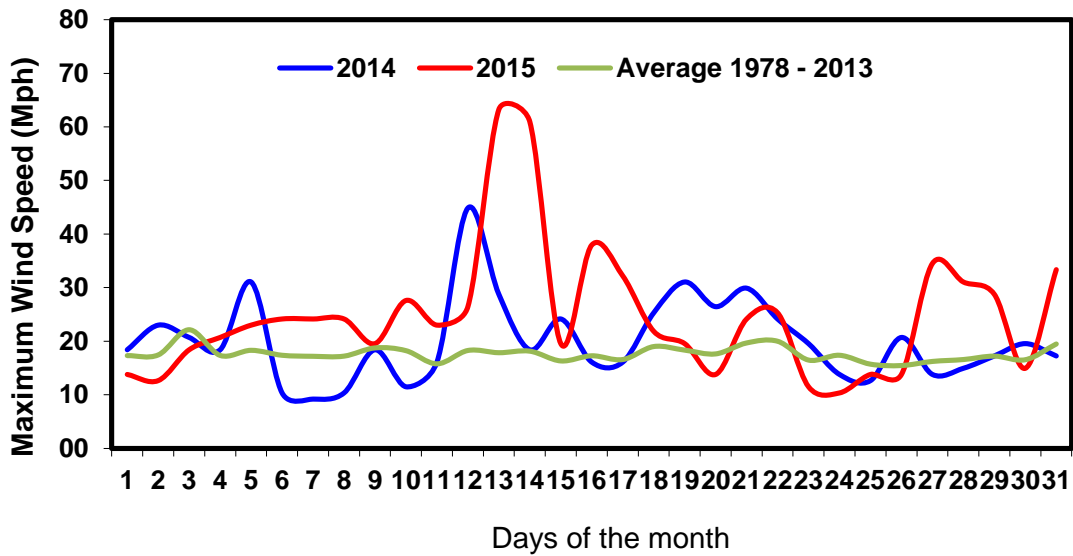
Southern part of the country received sunshine for 27 days last August, which amounts to 169 hours and 12 minutes. Furthermore, in August 2014 southern part of the country received sunshine for 28 days, which amounts to 226 hours. Figure below shows daily sunshine (2014 and 2015) and daily average sunshine for the Month of August for southern part of Maldives.

**Comparison of August Sunshine with Longterm Average of Gan**

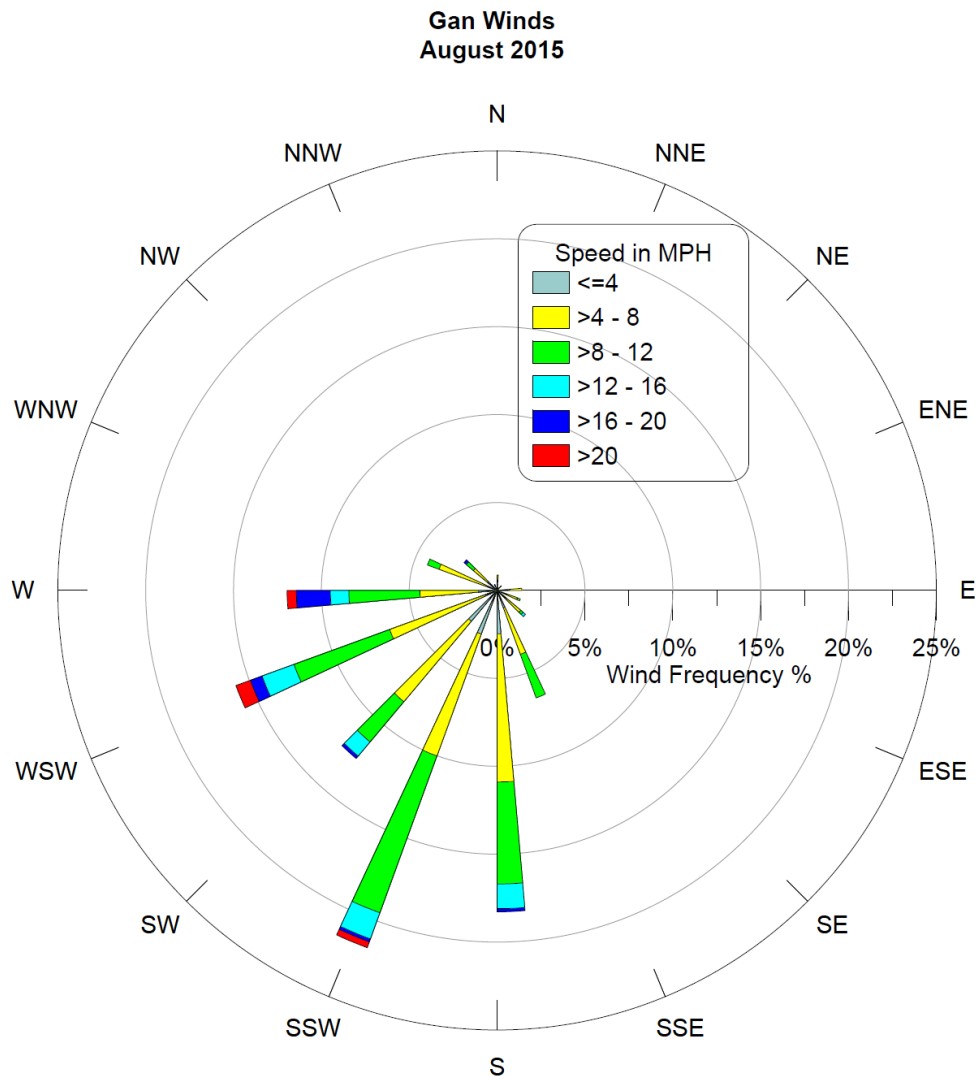


Last August, the maximum wind speed in south was experienced on the 14<sup>th</sup> at 04:19 hours from *west* at a speed of 63 mph. However, the maximum wind speed in southern atolls in August 2014 was recorded on the 12<sup>th</sup> at 15:37 hours at a speed of 45 mph from *west*. Figure below shows daily maximum wind speed (2014 and 2015) and daily average maximum wind speed for the Month of August for southern part of Maldives.

**Comparison of August Maximum Wind Speed with Longterm Average of Gan**



Below is wind frequency chart (Wind rose) of Gan for August 2015.



This is the wind rose for Gan based on hourly wind data of the month August 2015. This rose shows that the winds at Gan during the period blow from the *south, south-south-west, south-west, west-south-west* and *west* much of the time. This also shows that the wind rarely blows from *south-south-east* and *west-north-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> August 1997
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