



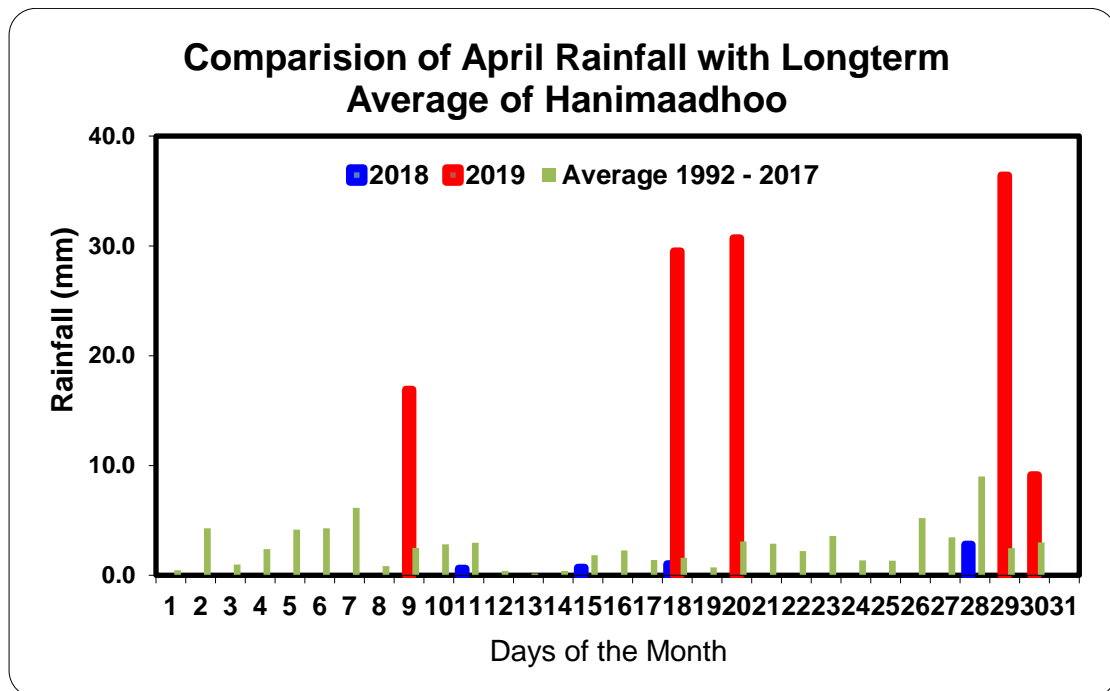
Climate Section  
Maldives Meteorological Service  
Hulhule

## Climate Conditions in April 2019

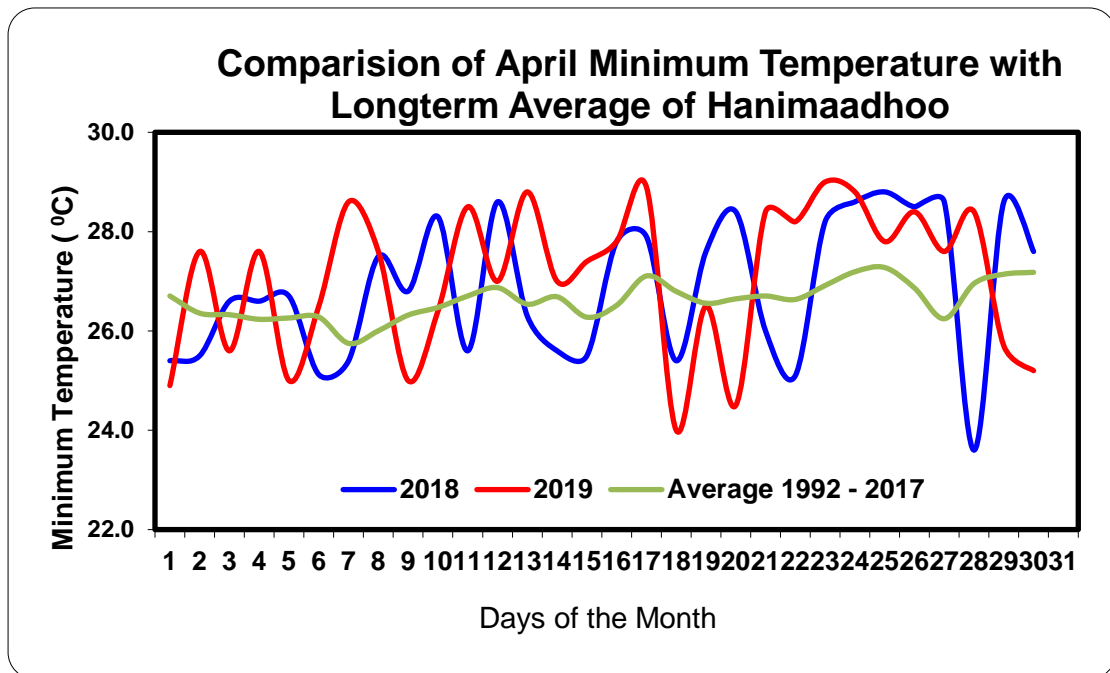
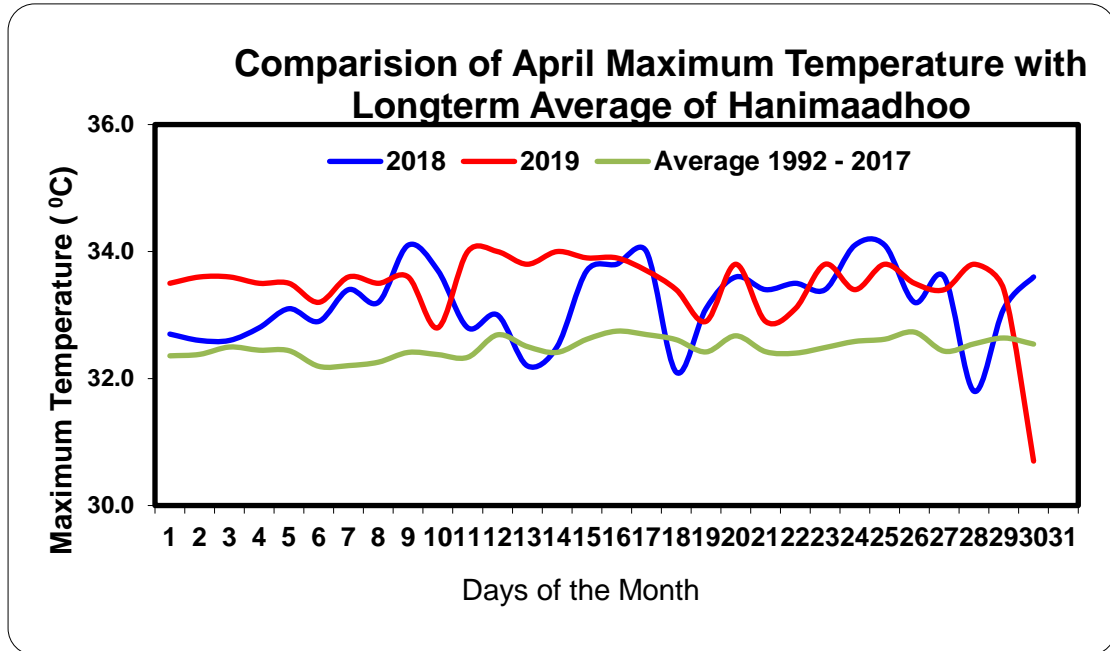
Date: 09<sup>th</sup> May 2019

### North

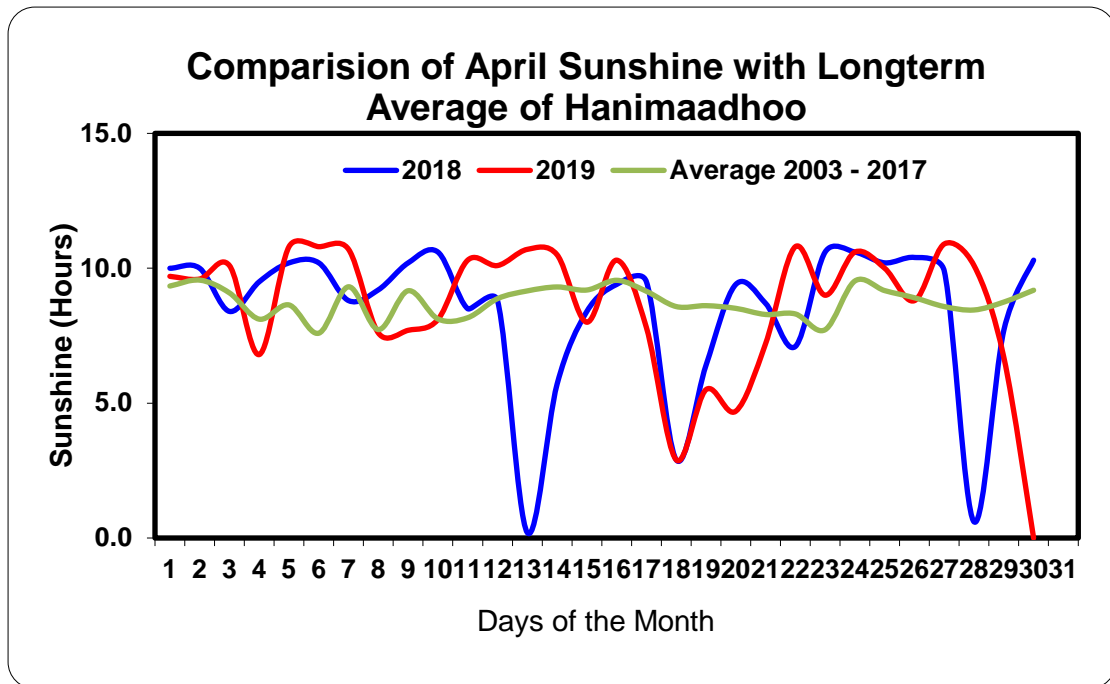
Last April, northern part of the country received a total rainfall of 123 mm. The highest rainfall within 24 hours was recorded on the 29<sup>th</sup> and amounts to 36 mm of rainfall. The rainfall received in April 2018 was 118 mm less than that of last April. Figure below shows daily total rainfall (2018 and 2019) and daily average rainfall for the Month of April for northern part of Maldives.



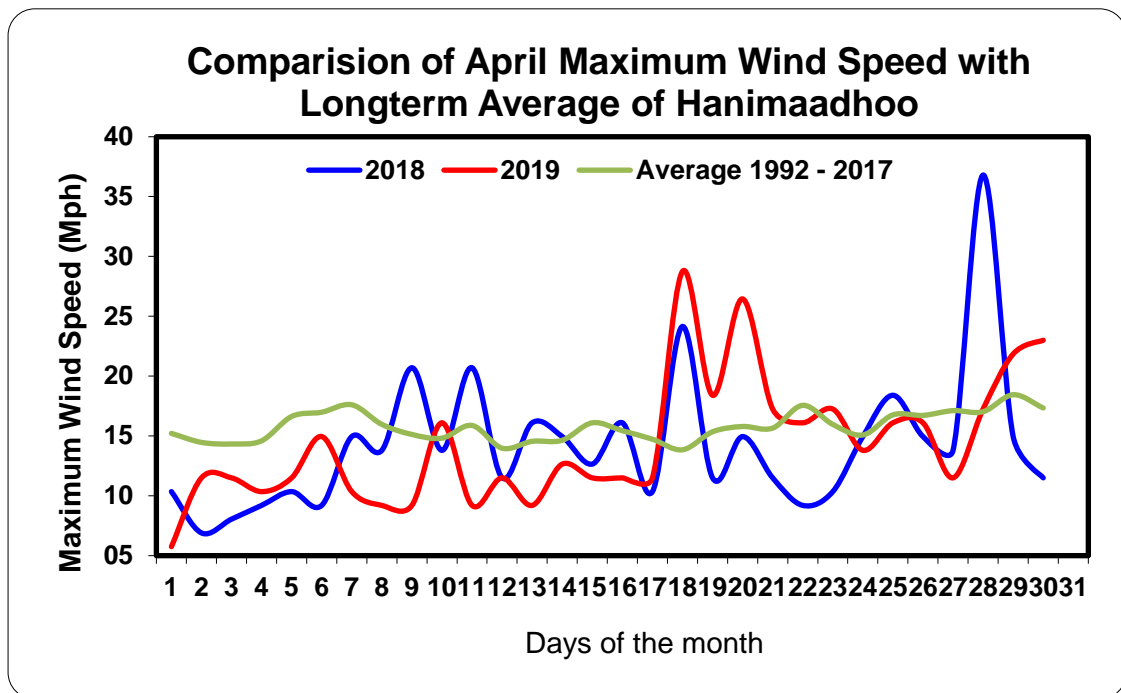
The highest temperature recorded in northern part of the Maldives last April was 34 degree Celsius, which was recorded on 11<sup>th</sup>, 12<sup>th</sup> and 14<sup>th</sup>. The minimum temperature recorded in the same area for the last month was 24 degree Celsius and was recorded on 18<sup>th</sup> of April. However, the highest temperature recorded in April 2018 in northern part of the country was 34 degree Celsius, which was recorded on the 9<sup>th</sup>, 24<sup>th</sup> and 25<sup>th</sup>. Furthermore, the minimum temperature recorded in northern part in April 2018 was 24 degree Celsius, recorded on the 28<sup>th</sup>. Figure below shows daily maximum and minimum temperature (2018 and 2019) and average maximum and minimum temperature for the Month of April for northern part of Maldives.



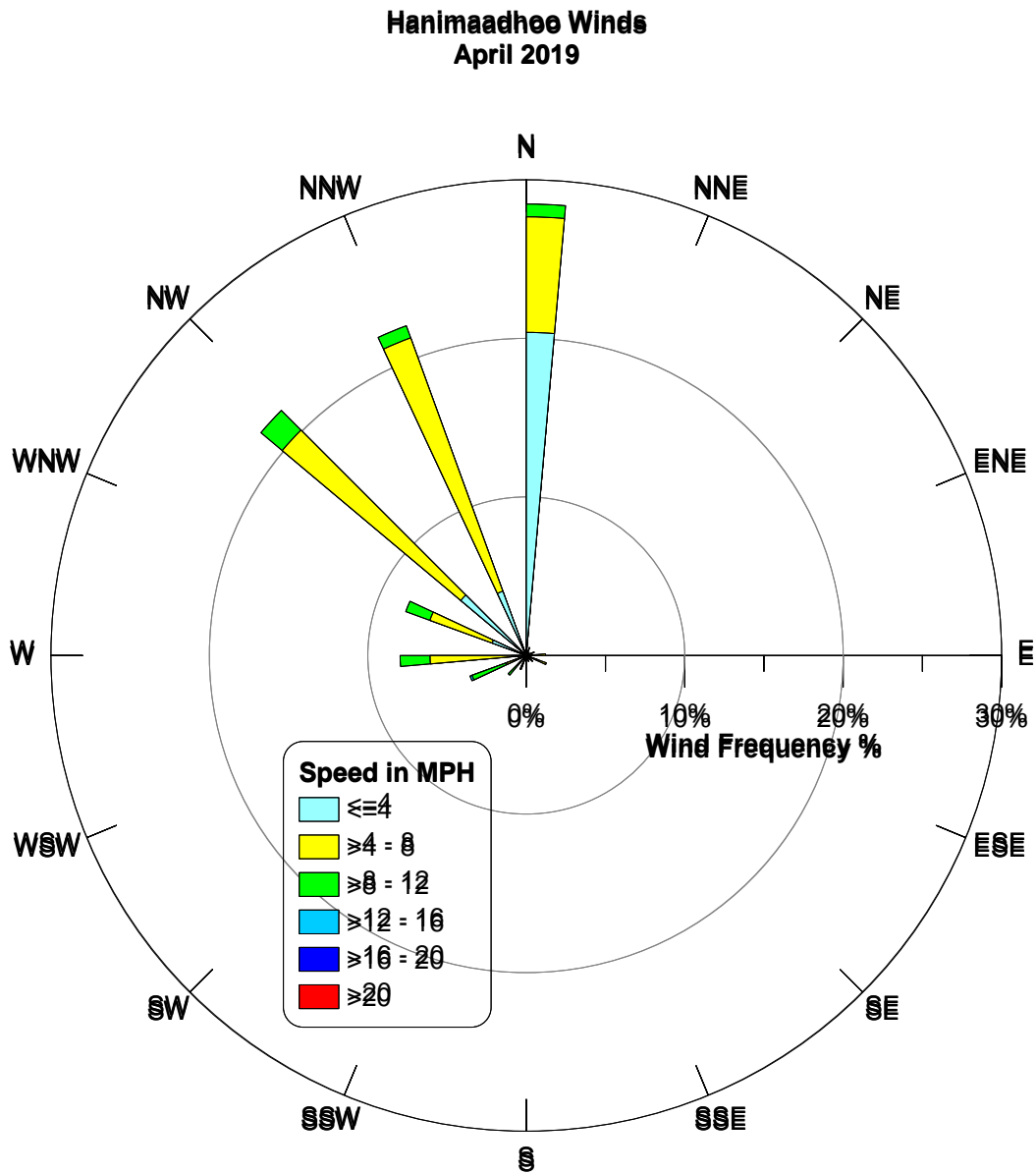
Northern part of the country received sunshine for 29 days last April, which amounts to 256 hours 48 minutes. Furthermore, in April 2018 northern part of the country received sunshine for 31 days, which amounts to 252 hours 24 minutes. Figure below shows daily sunshine (2018 and 2019) and daily average sunshine for the Month of April for northern part of Maldives.



Last April, the maximum wind speed in the northern part was experienced on the 18<sup>th</sup> at 15:52 hours from *south* at a speed of 29 mph. Furthermore, the maximum wind speed in the northern part in April 2018 was recorded on 28<sup>th</sup> at 10:33 hours from *east-north-east* at a speed of 37 mph. Figure below shows daily maximum wind speed (2018 and 2019) and daily average maximum wind speed for the Month of April for northern part of Maldives.



Below is wind frequency chart (Wind rose) of Hanimaadhoo for April 2019.



This is the wind rose for Hanimaadhoo based on hourly wind data of the month April 2019. 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 *north-west* and *north-north-west* comprise about 46% 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 <sup>th</sup> April 2016
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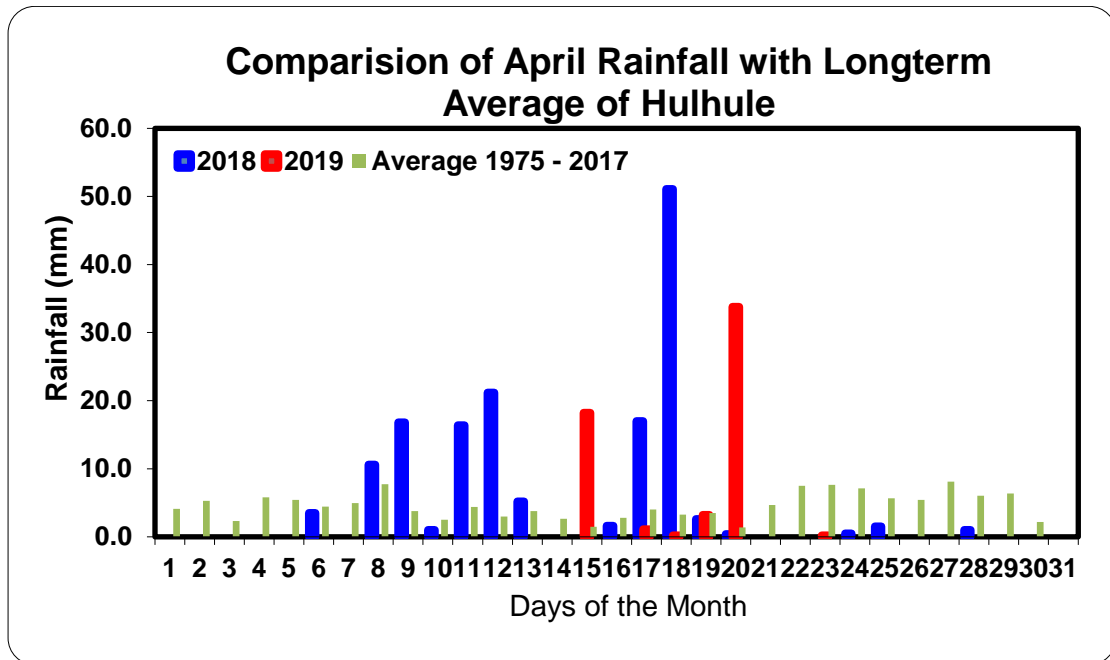
Lowest minimum temperature recorded was 18.2 °C on 23 <sup>rd</sup> December 2002
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Highest wind recorded was 87.4 Miles from NNW on 03 <sup>rd</sup> February 1991
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Highest rainfall within 24hrs recorded was 189.0 mm on 31 <sup>st</sup> May 2017
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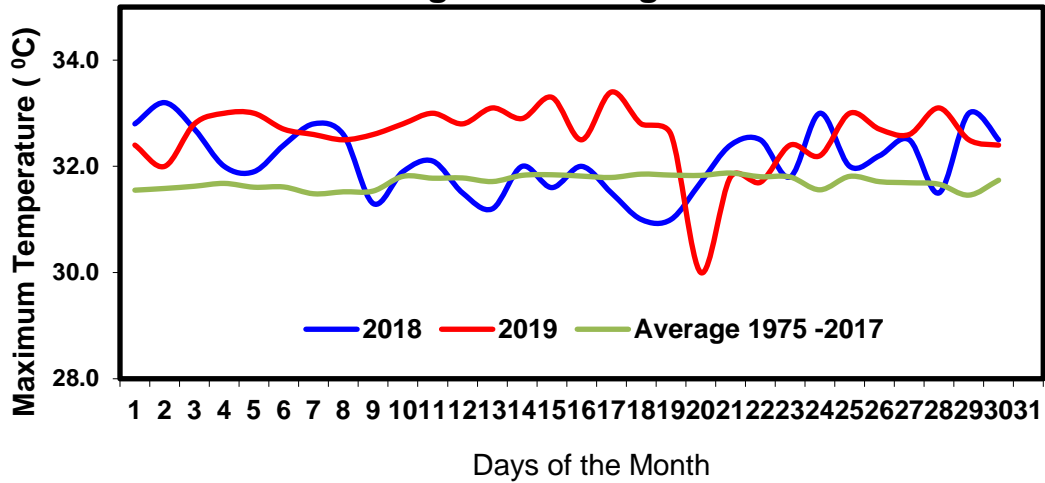
### Central part

Last April, central part of the country received a total rainfall of 57 mm. The highest rainfall within 24 hours was recorded on the 20<sup>th</sup> and amounts to 34 mm of rainfall. The rainfall received in April 2018 was 94 mm more than that of last April. Figure below shows daily total rainfall (2018 and 2019) and daily average rainfall for the Month of April for central part of Maldives.

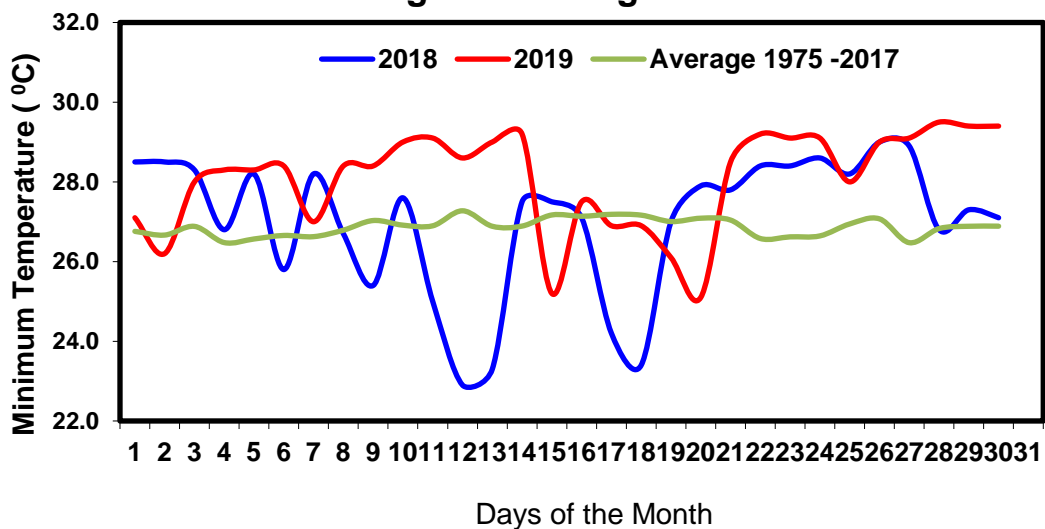


The highest temperature recorded in central part of the Maldives last April was 33 degree Celsius, which was recorded on the 17<sup>th</sup>. The minimum temperature recorded in the same area for the last month was 25 degree Celsius and was recorded on the 20<sup>th</sup> of April. On the other hand, the highest temperature recorded in April 2018 in central part of the country was 33 degree Celsius, which was recorded on the 2<sup>nd</sup>. Furthermore, the minimum temperature recorded in the central part in April 2018 was 23 degree Celsius, recorded on the 12<sup>th</sup>. Figure below shows daily maximum and minimum temperature (2018 and 2019) and average maximum and minimum temperature for the Month of April for central part of Maldives.

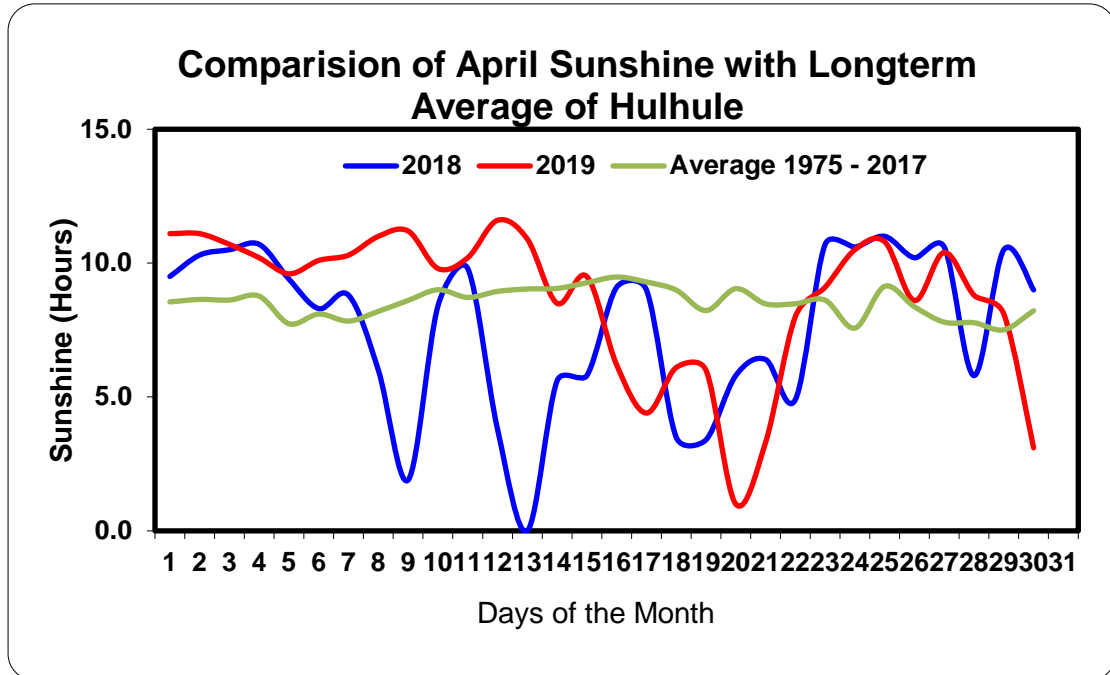
**Comparison of April Maximum Temperature with Longterm Average of Hulhule**



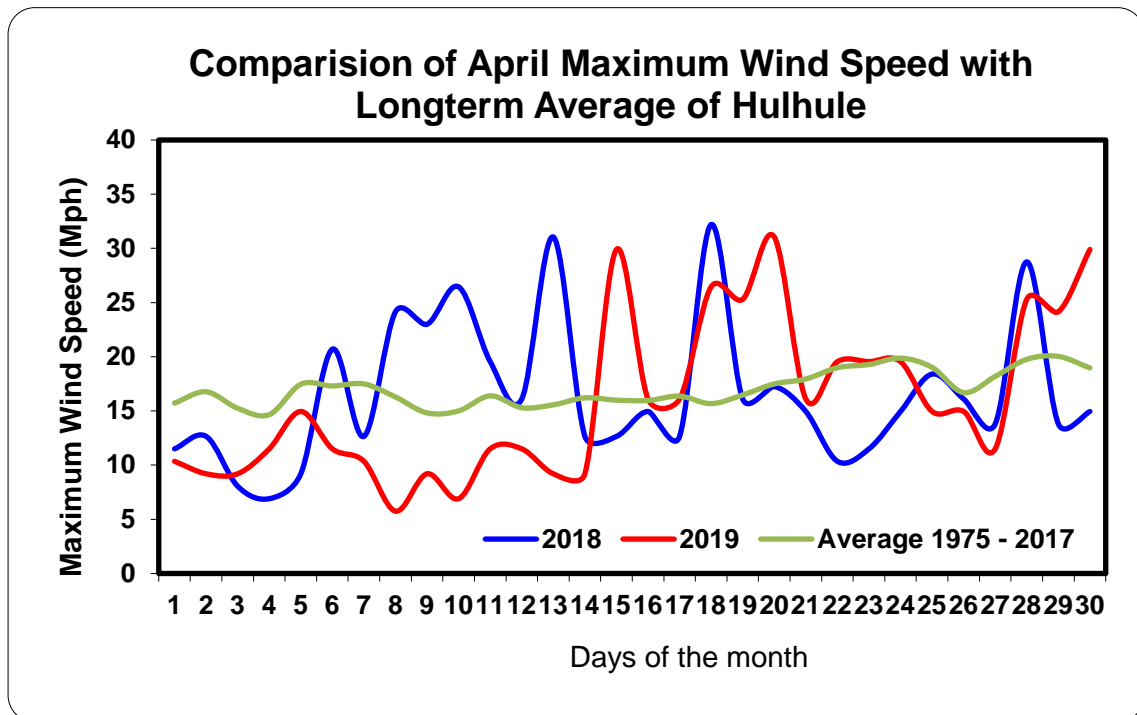
**Comparison of April Minimum Temperature with Longterm Average of Hulhule**



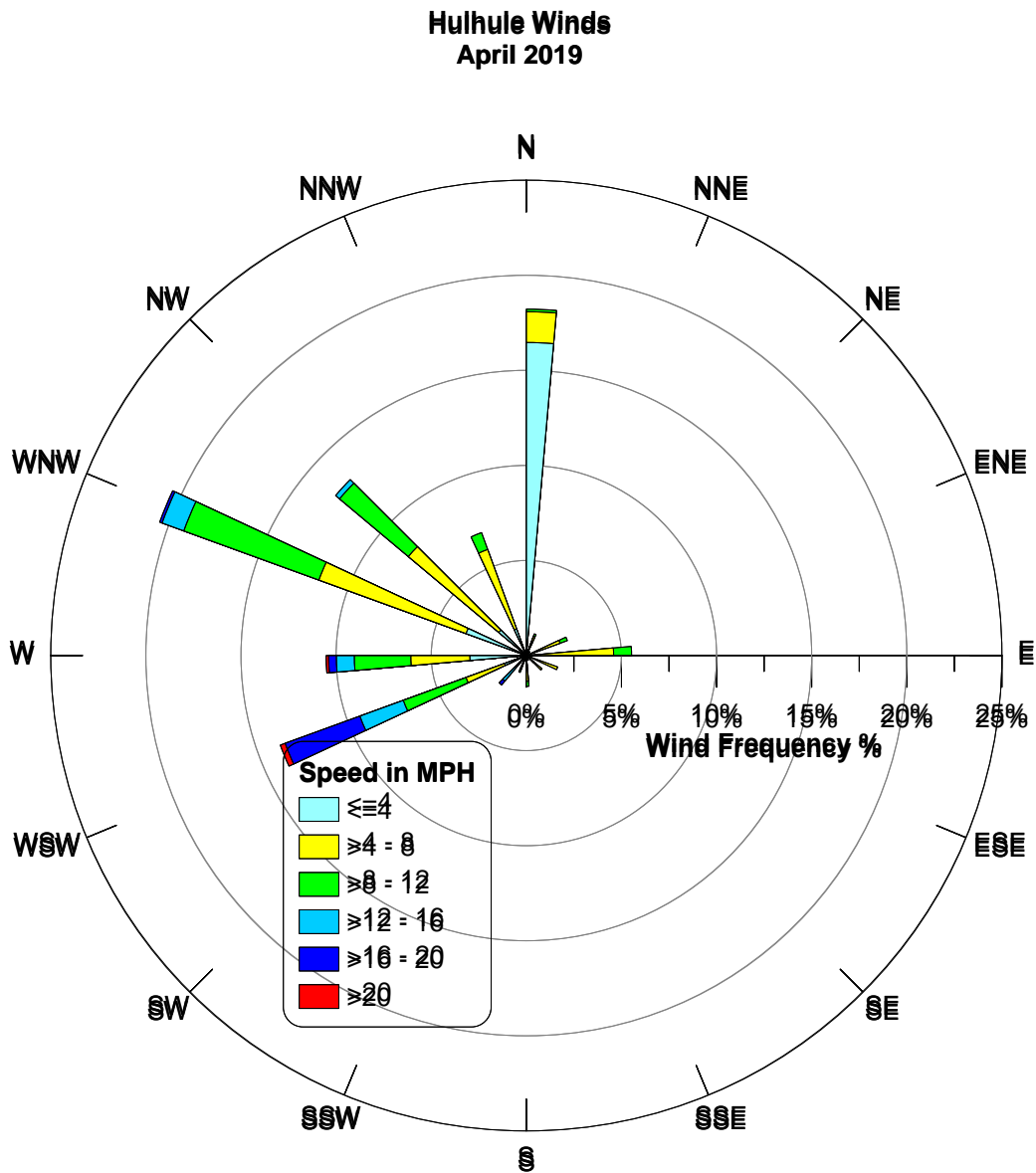
Central part of the country received sunshine for 30 days last April, which amounts to 260 hours 12 minutes. Furthermore, in April 2018 central part of the country received sunshine for 29 days, which amounts to 229 hours 18 minutes. Figure below shows daily sunshine (2018 and 2019) and daily average sunshine for the Month of April for central part of Maldives.



Last April, the maximum wind speed in Central part of the country was experienced on the 20<sup>th</sup> at 15:04 hours from *west* at a speed of 31 mph. However, the maximum wind speed in central part in April 2018 was recorded on the 18<sup>th</sup> at 18:23 hours at a speed of 32 mph from *north-north-east*. Figure below shows daily maximum wind speed (2018 and 2019) and daily average maximum wind speed for the Month of April for central part of Maldives.



Below is wind frequency chart (Wind rose) of Hulhule for April 2019.



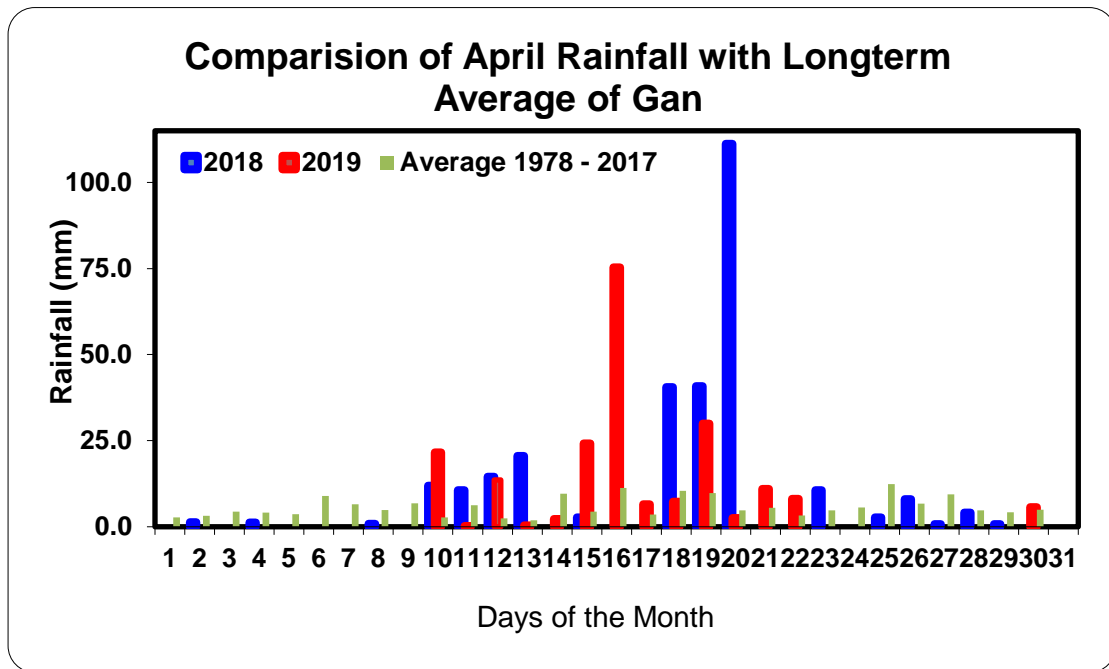
This is the wind rose for Hulhule based on hourly wind data of the month April 2019. This rose shows that the winds at Hulhule during the period blow from the *west-north-west* much of the time. In fact, the spokes in the directions *north* comprise about 21% of all hourly wind directions. This also shows that the wind rarely blows from *west-south-west*, *west* and *north-west*.

Highest maximum temperature recorded was 34.1 °C on 16 <sup>th</sup> and 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 175.9 mm on 23 <sup>rd</sup> December 1977 (Hulhule)
Highest rainfall within 24hrs recorded was 200.0 mm on 11 <sup>th</sup> December 1998 (Male')

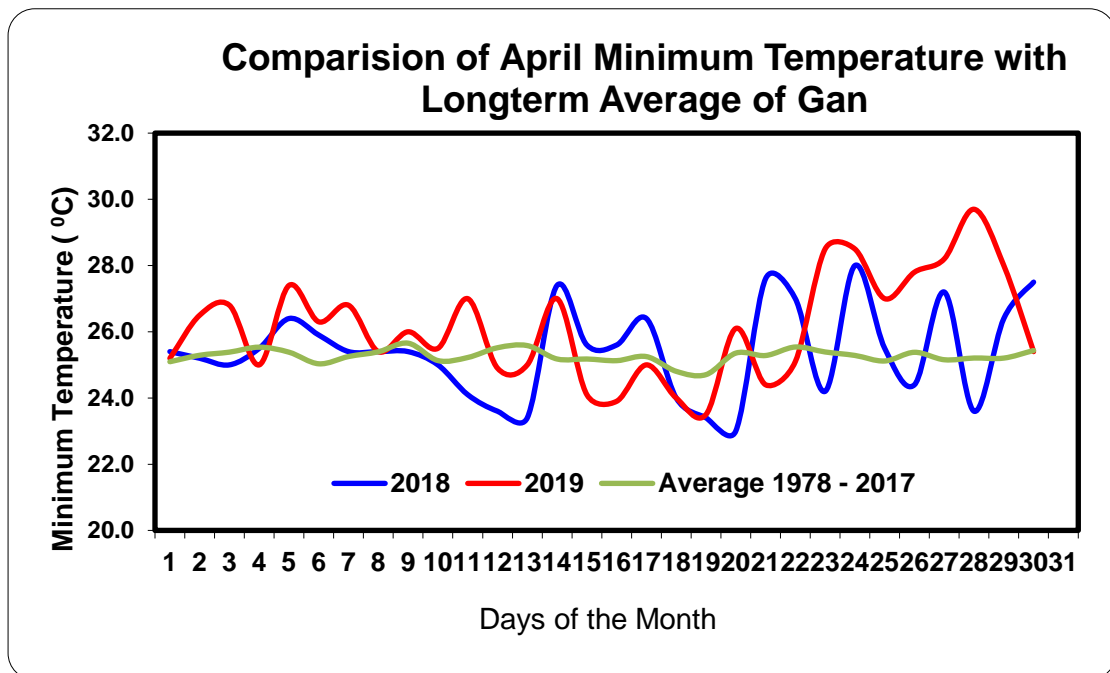
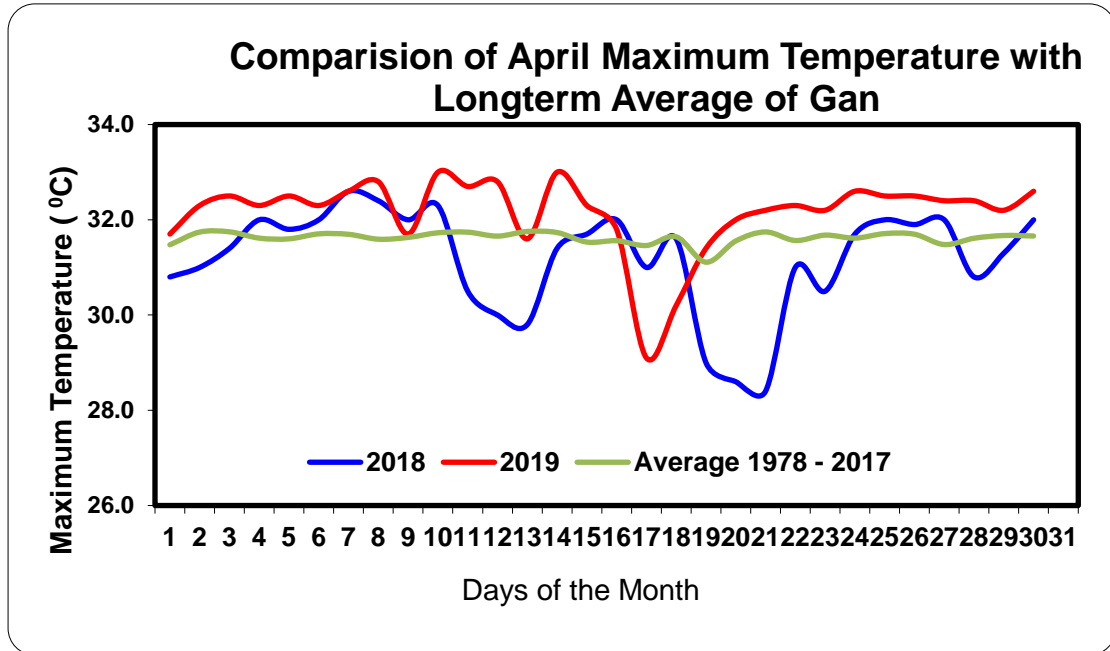


## South

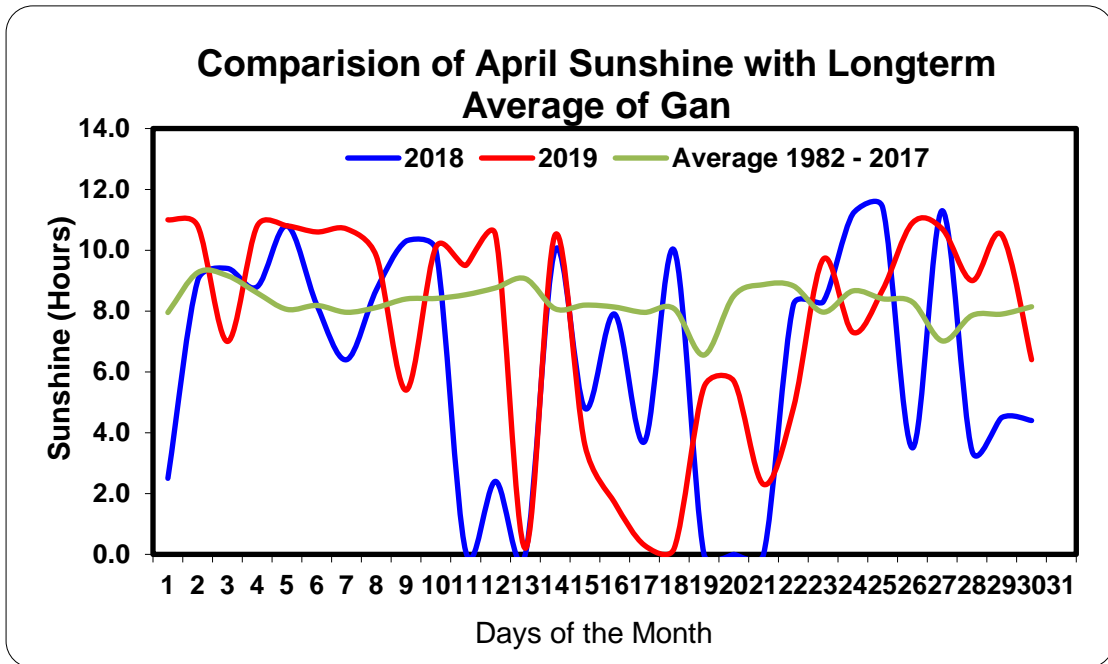
Last April, southern part of the country received a total rainfall of 209 mm. The highest rainfall within 24 hours was recorded on the 16<sup>th</sup> and amounts to 75 mm of rainfall. The rainfall received in April 2018 was 75 mm more than that of last April. Figure below shows daily total rainfall (2018 and 2019) and daily average rainfall for the Month of April for southern part of Maldives.



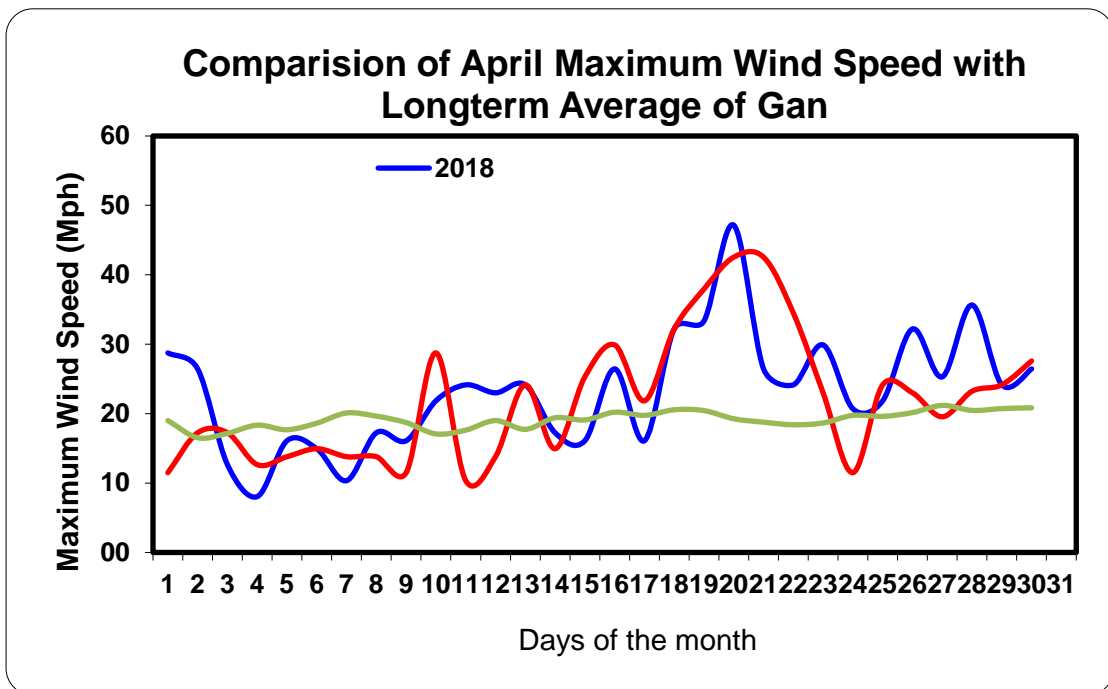
The highest temperature recorded in southern part of the Maldives last April was 33 degree Celsius, which was recorded on the 10<sup>th</sup> and 14<sup>th</sup>. The minimum temperature recorded in the same area for the last month was 24 degree Celsius and was recorded on the 19<sup>th</sup> of April. However, the highest temperature recorded in April 2018 in southern parts of the country was 33 degree Celsius, which was recorded on the 7<sup>th</sup>. Furthermore, the minimum temperature recorded in south in April 2018 was 23 degree Celsius, recorded on the 20<sup>th</sup>. Figure below shows daily maximum and minimum temperature (2018 and 2019) and average maximum and minimum temperature for the Month of April for southern part of Maldives.



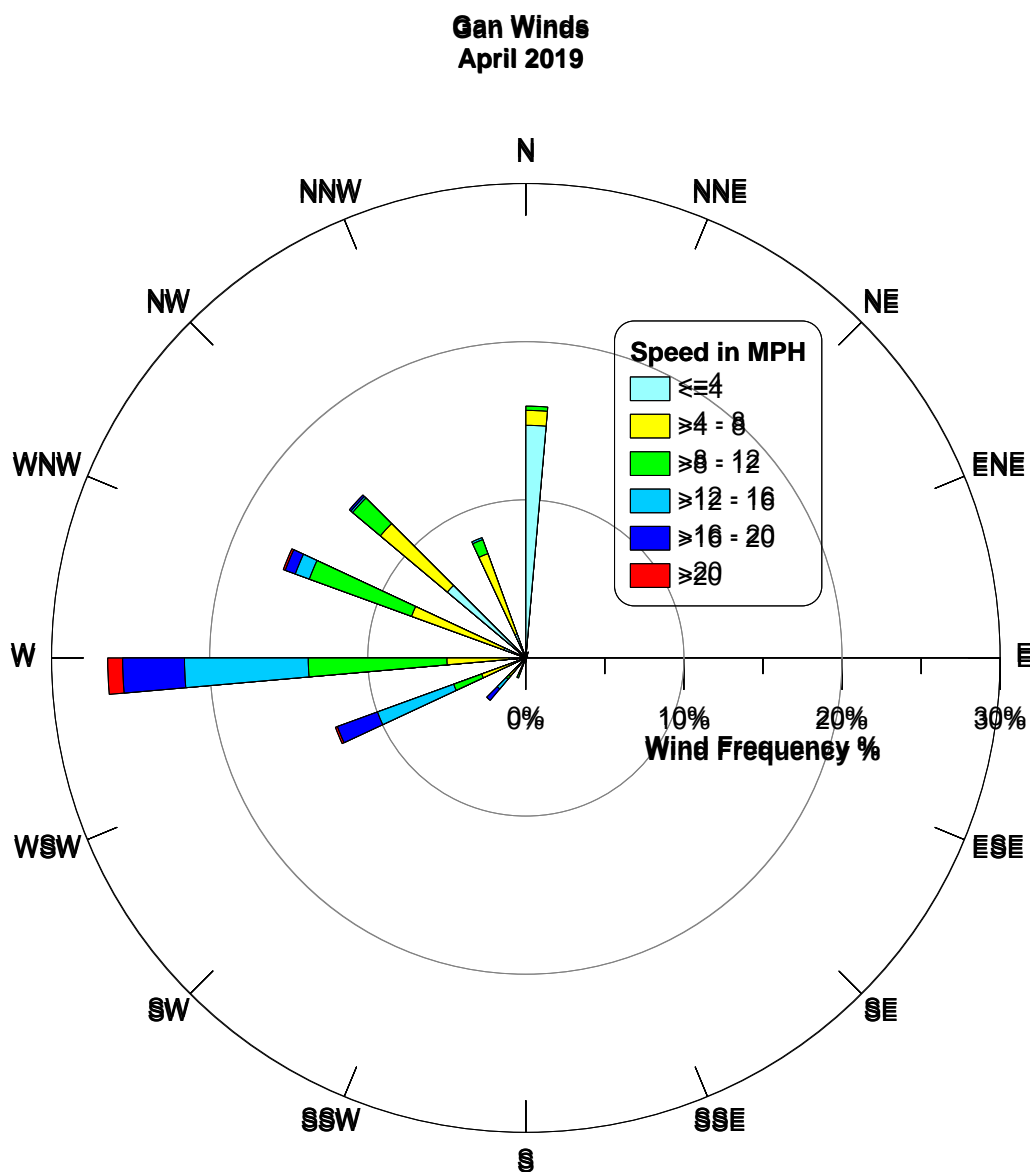
Southern part of the country received sunshine for 30 days last April, which amounts to 225 hours. Furthermore, in April 2018 southern part of the country received sunshine for 26 days, which amounts to 189 hours 12 minutes. Figure below shows daily sunshine (2018 and 2019) and daily average sunshine for the Month of April for southern part of Maldives.



Last April, the maximum wind speed in south was experienced on the 21<sup>st</sup> at 03:38 hours from *west* at a speed of 43 mph. However, the maximum wind speed in southern atolls in April 2018 was recorded on the 20<sup>th</sup> at 14:28 hours at a speed of 47 mph from *west*. Figure below shows daily maximum wind speed (2018 and 2019) and daily average maximum wind speed for the Month of April for southern part of Maldives.



Below is wind frequency chart (Wind rose) of Gan for April 2019.



This is the wind rose for Gan based on hourly wind data of the month April 2019. This rose shows that the winds at Gan during the period blow from the *west* much of the time. In fact, the spokes in the directions *west-south-west*, *west-north-west*, *north-west* and *north* comprise about 60% of all hourly wind directions. This also shows that the wind rarely blows from different directions.

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 228.4 mm on 24 <sup>th</sup> November 2015
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