



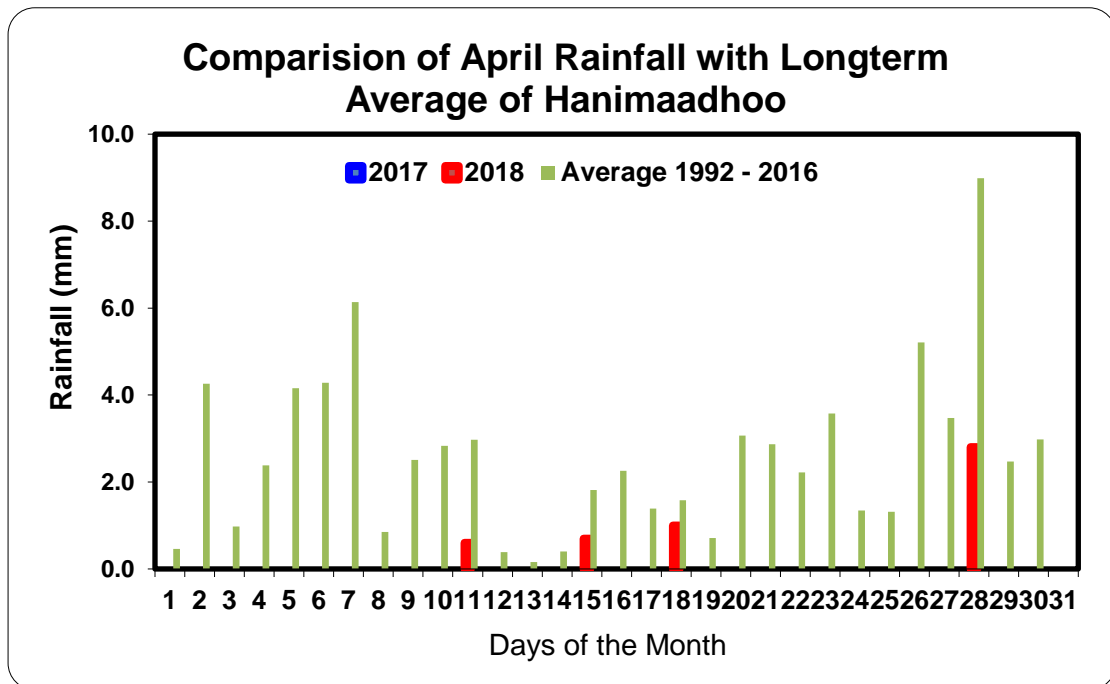
Climate Section
Maldives Meteorological Service
Hulhule

Climate Conditions in April 2018

Date: 10th May 2018

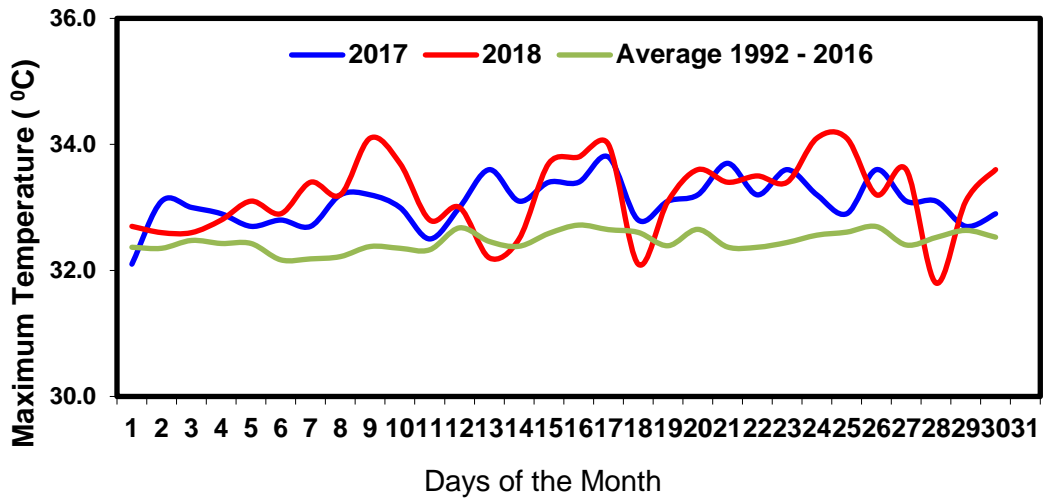
North

Last April, northern part of the country received a total rainfall of 5 mm. The highest rainfall within 24 hours was recorded on the 28th and amounts to 3 mm of rainfall. The rainfall received in April 2017 was 5 mm less than that of last April. Figure below shows daily total rainfall (2017 and 2018) and daily average rainfall for the Month of April for northern part of Maldives.

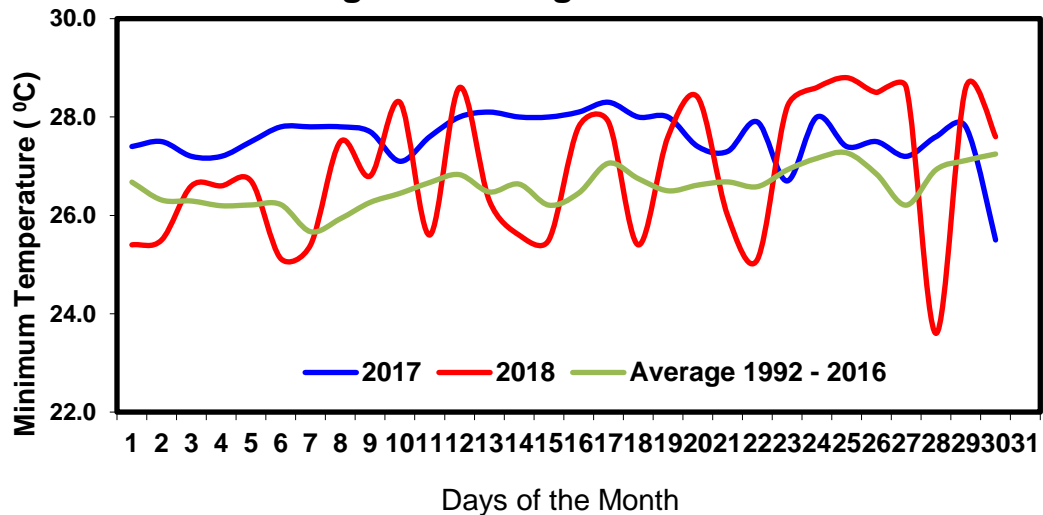


The highest temperature recorded in northern part of the Maldives last April was 34 degree Celsius, which was recorded on 9th, 24th and 25th. The minimum temperature recorded in the same area for the last month was 24 degree Celsius and was recorded on 28th of April. However, the highest temperature recorded in April 2017 in northern part of the country was 34 degree Celsius, which was recorded on the 17th. Furthermore, the minimum temperature recorded in northern part in April 2017 was 26 degree Celsius, recorded on the 30th. Figure below shows daily maximum and minimum temperature (2017 and 2018) and average maximum and minimum temperature for the Month of April for northern part of Maldives.

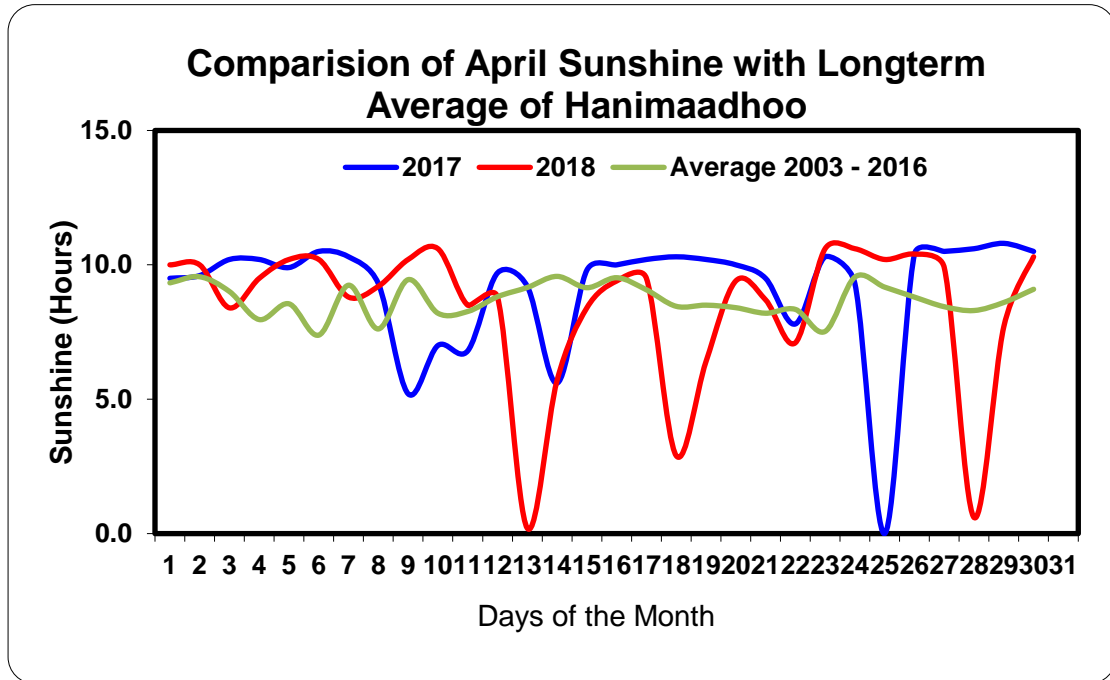
Comparison of April Maximum Temperature with Longterm Average of Hanimaadhoo



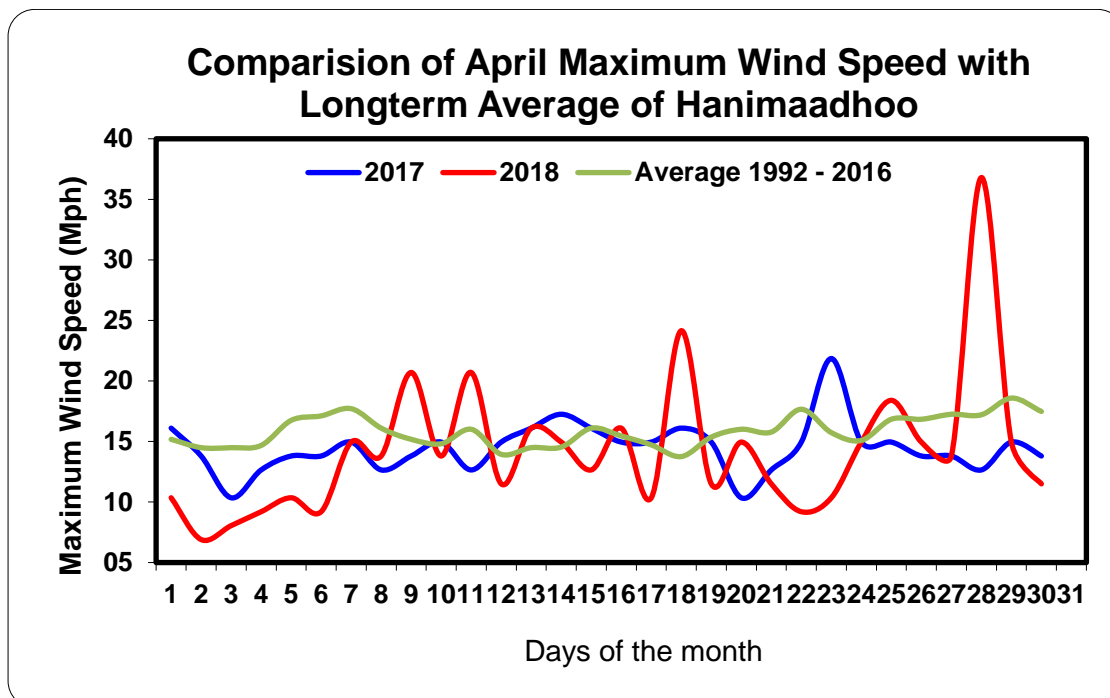
Comparison of April Minimum Temperature with Longterm Average of Hanimaadhoo



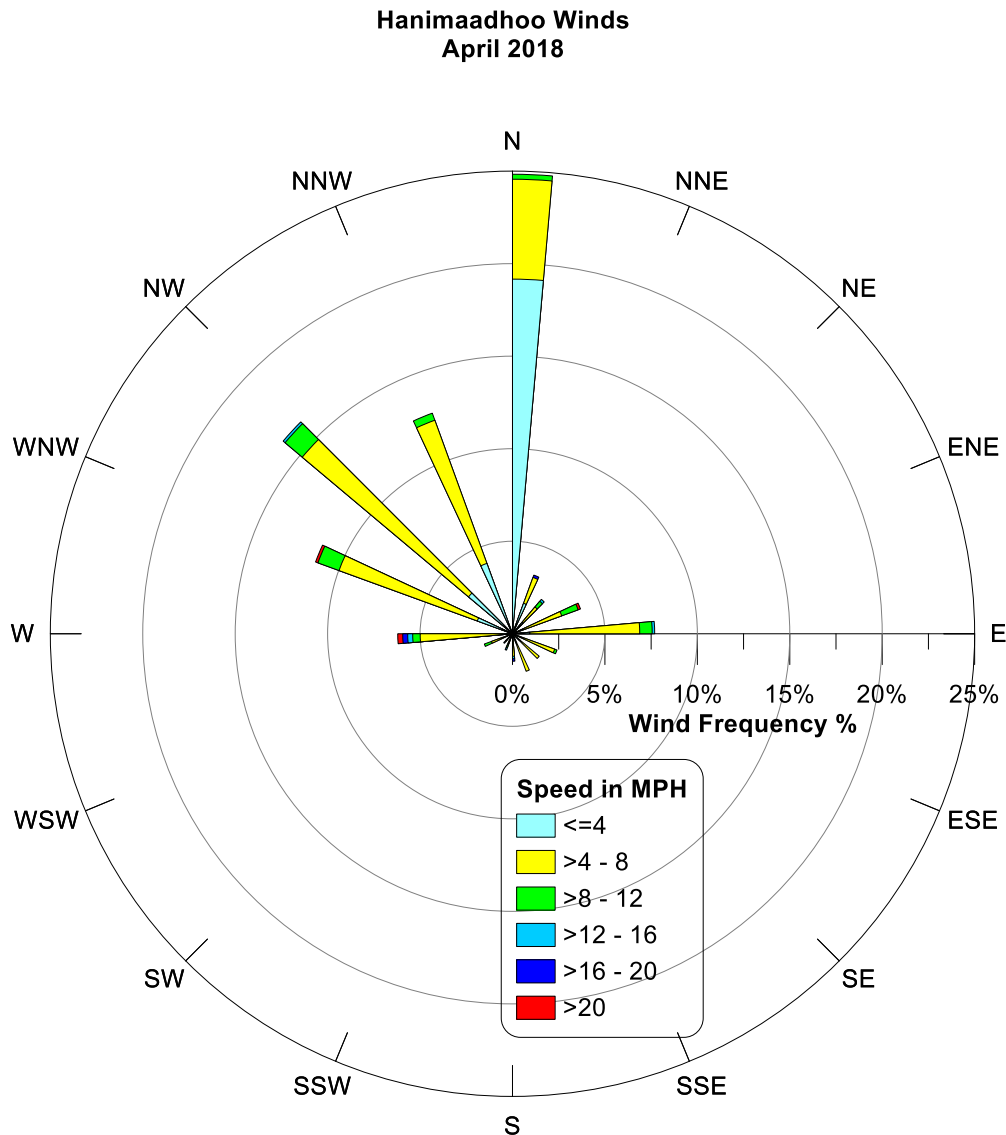
Northern part of the country received sunshine for 30 days last April, which amounts to 252 hours 24 minutes. Furthermore, in April 2017 northern part of the country received sunshine for 29 days, which amounts to 273 hour 12 minutes. Figure below shows daily sunshine (2017 and 2018) and daily average 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 28th at 10:33 hours from *west-north-west* at a speed of 37 mph. Furthermore, the maximum wind speed in the northern part in April 2017 was recorded on 23rd at 21:02 hours from *west-north-west* at a speed of 22 mph. Figure below shows daily maximum wind speed (2017 and 2018) 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 2018.



This is the wind rose for Hanimaadhoo based on hourly wind data of the month April 2018. 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 *west*, *west-north-west*, *north-west*, *north-north-west* and *east* comprise about 54% 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

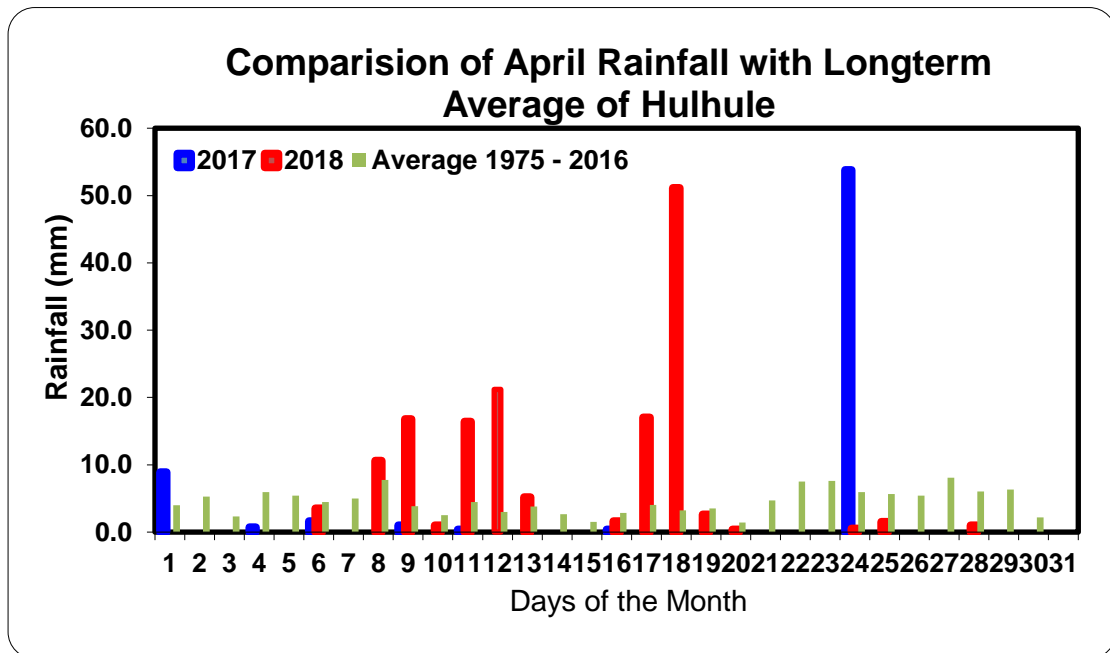
Lowest minimum temperature recorded was 18.2 °C on 23 rd December 2002

Highest wind recorded was 98.7 Miles from NW on 28 th August 1991
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Highest rainfall within 24hrs recorded was 189.0 mm on 31 st May 2017
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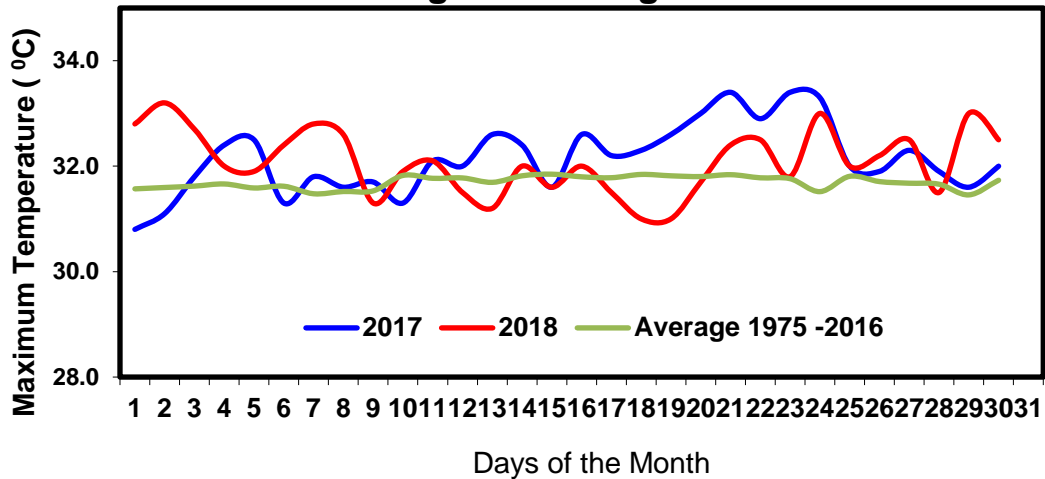
Central part

Last April, central part of the country received a total rainfall of 150 mm. The highest rainfall within 24 hours was recorded on the 18th and amounts to 51 mm of rainfall. The rainfall received in April 2017 was 84 mm less than that of last April. Figure below shows daily total rainfall (2017 and 2018) and daily average rainfall for the Month of April for central part of Maldives.

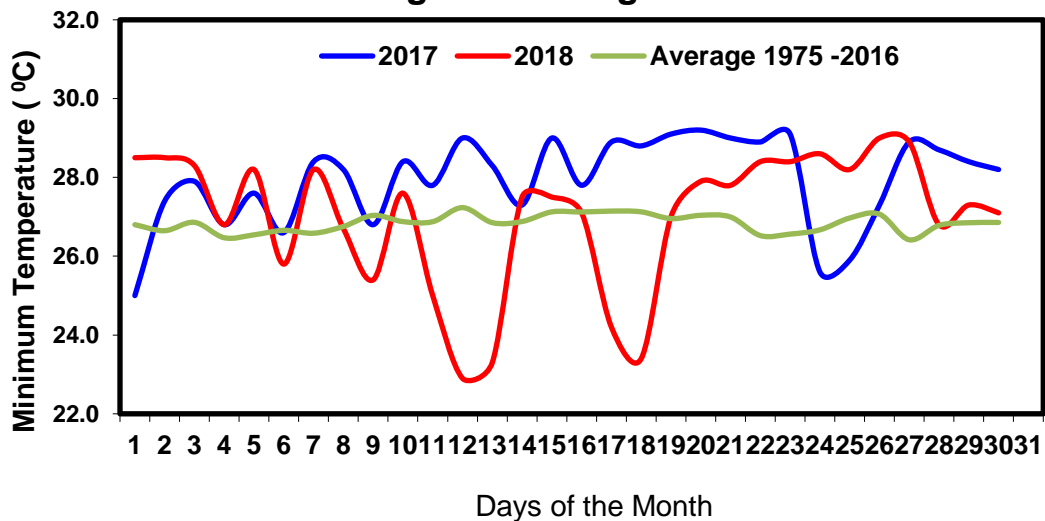


The highest temperature recorded in central part of the Maldives last April was 33 degree Celsius, which was recorded on the 2nd. The minimum temperature recorded in the same area for the last month was 23 degree Celsius and was recorded on the 12th of April. On the other hand, the highest temperature recorded in April 2017 in central part of the country was 33 degree Celsius, which was recorded on the 21st and 23rd. Furthermore, the minimum temperature recorded in the central part in April 2017 was 25 degree Celsius, recorded on the 1st. Figure below shows daily maximum and minimum temperature (2017 and 2018) and average maximum and minimum temperature for the Month of April for central part of Maldives.

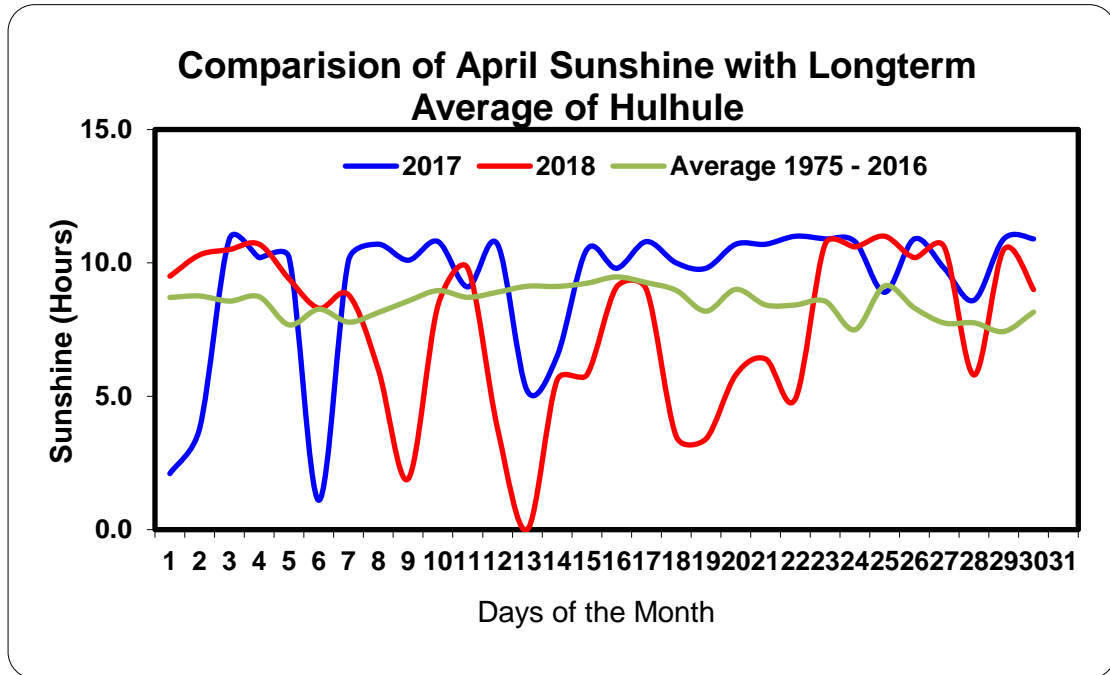
Comparison of April Maximum Temperature with Longterm Average of Hulhule



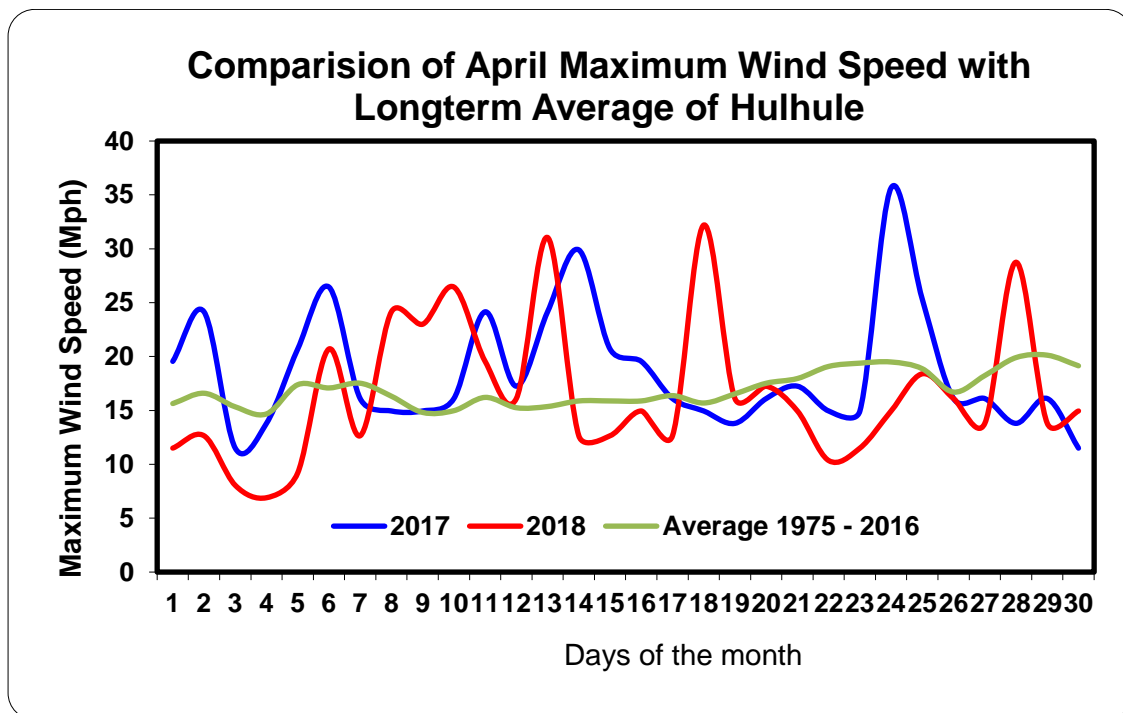
Comparison of April Minimum Temperature with Longterm Average of Hulhule



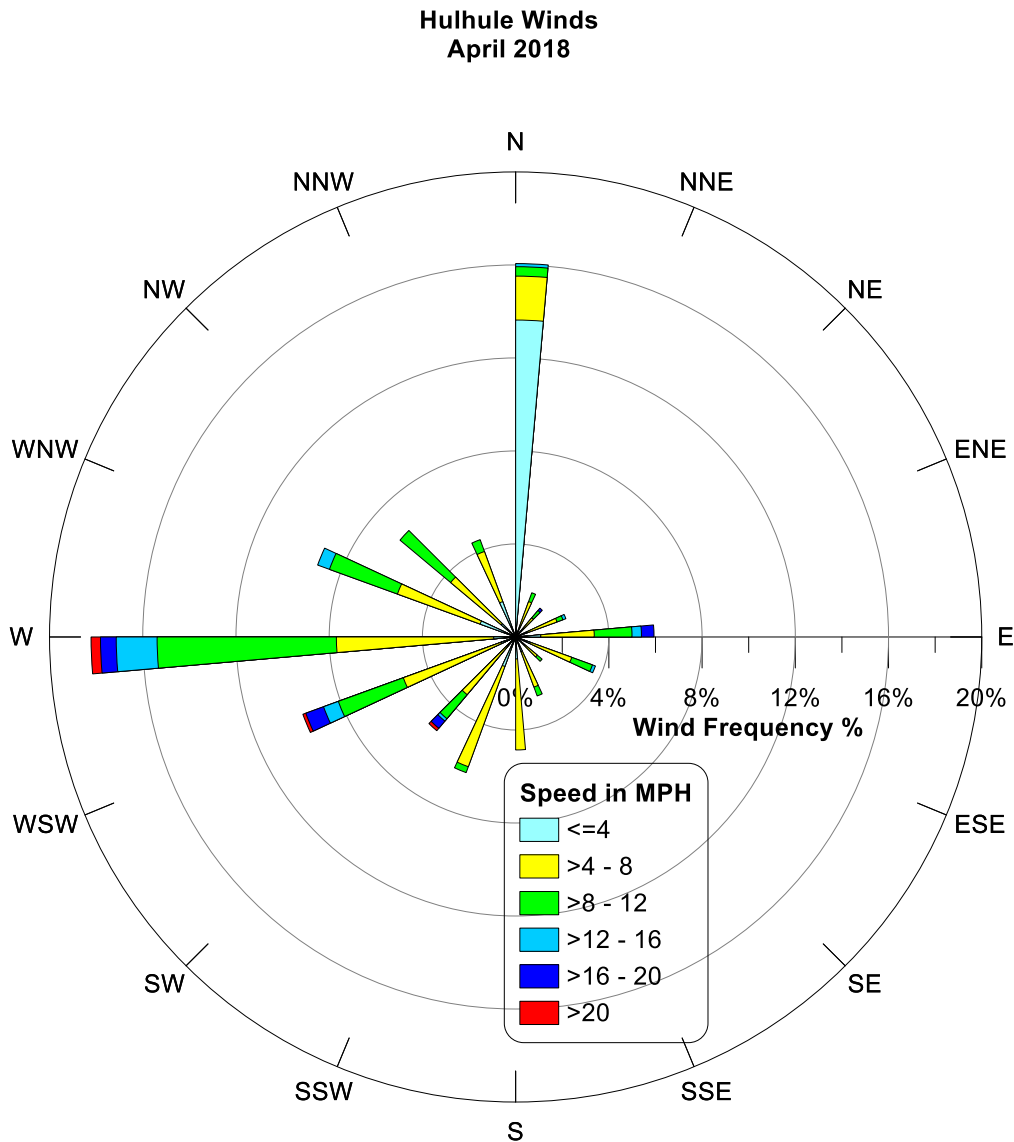
Central part of the country received sunshine for 29 days last April, which amounts to 229 hours 18 minutes. Furthermore, in April 2017 central part of the country received sunshine for 30 days, which amounts to 276 hours 30 minutes. Figure below shows daily sunshine (2017 and 2018) and daily average 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 18th at 18:23 hours from *north-north-east* at a speed of 32 mph. However, the maximum wind speed in central part in April 2017 was recorded on the 25th at 04:35 hours at a speed of 36 mph from *east-north-east*. Figure below shows daily maximum wind speed (2017 and 2018) 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 2018.



This is the wind rose for Hulhule based on hourly wind data of the month April 2018. This rose shows that the winds at Hulhule during the period blow from the *west and north* much of the time. In fact, the spokes in the directions *south, south-south-west, south-west, west-south-west, west-north-west, north-west, north-north-west and east* comprise about 54% 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
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Lowest minimum temperature recorded was 19.0 °C on 23 rd November 1984

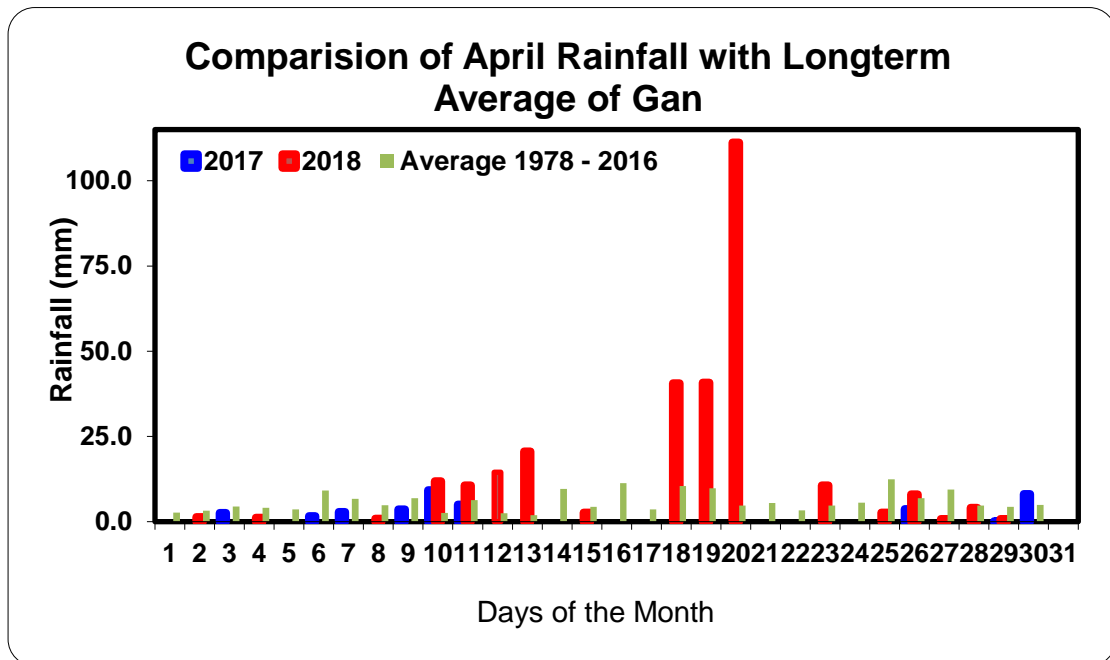
Highest wind recorded was 71.3 Miles from W on 03 rd November 1978

Highest rainfall within 24hrs recorded was 175.9 mm on 23 rd December 1977 (Hulhule)

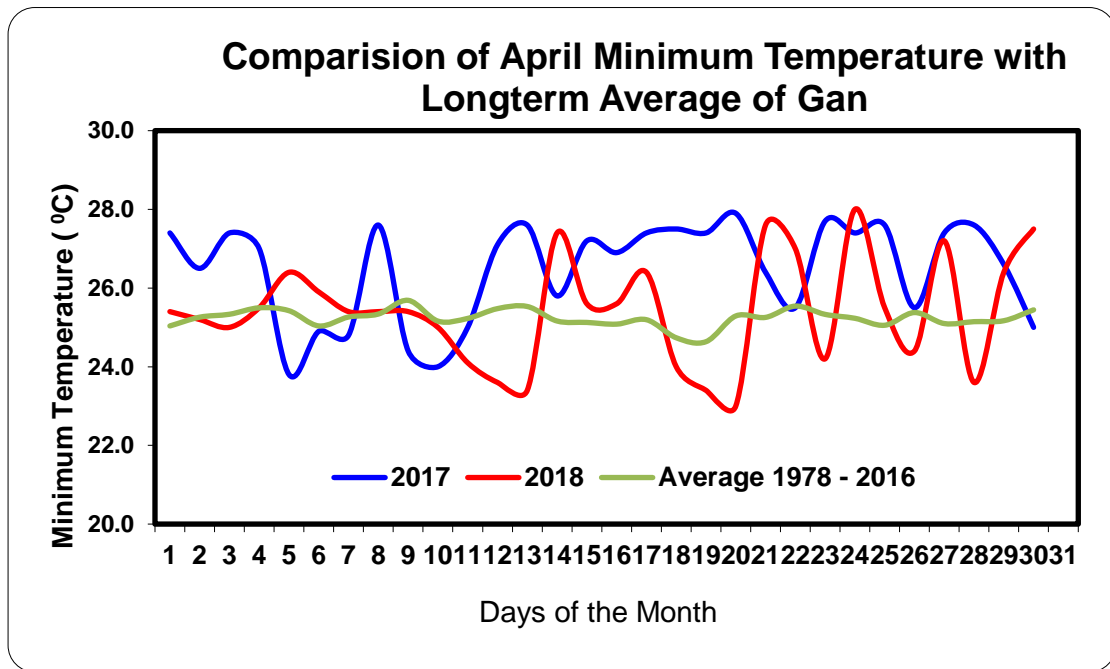
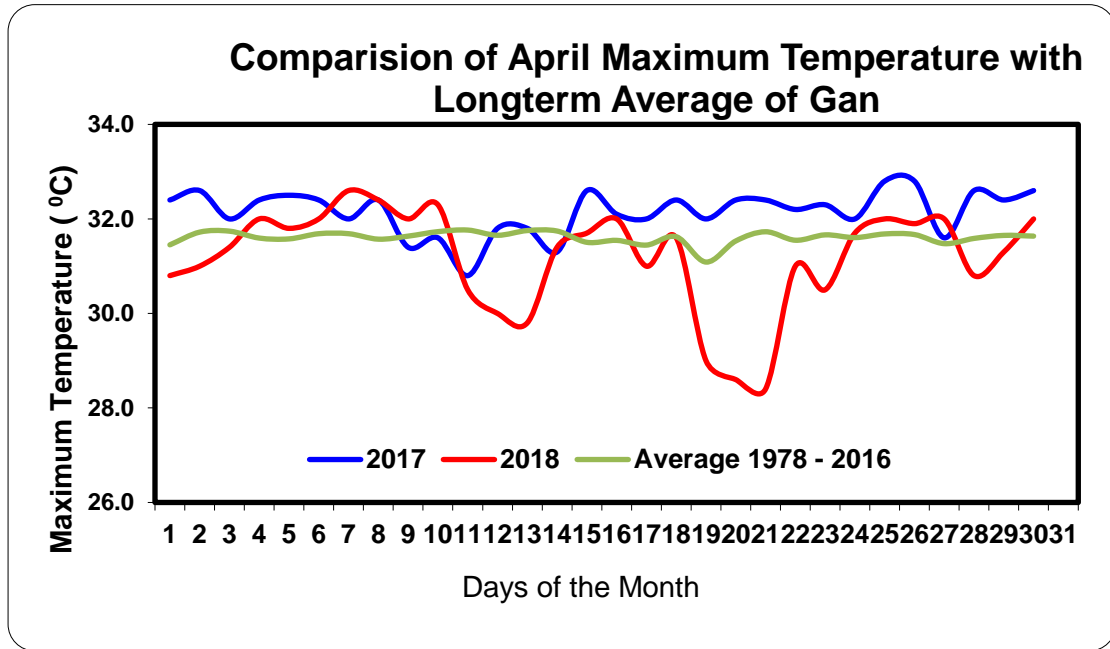
Highest rainfall within 24hrs recorded was 200.0 mm on 11 th December 1998 (Male')

South

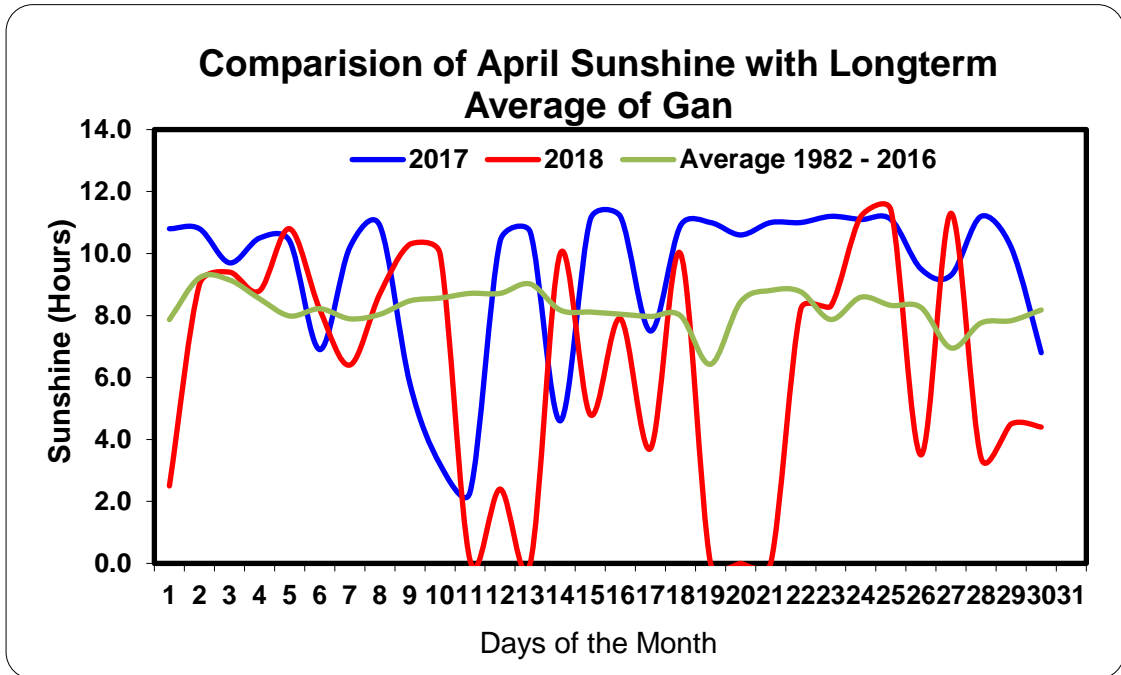
Last April, southern part of the country received a total rainfall of 283 mm. The highest rainfall within 24 hours was recorded on the 20th and amounts to 111 mm of rainfall. The rainfall received in April 2017 was 247 mm less than that of last April. Figure below shows daily total rainfall (2017 and 2018) and daily average rainfall for the Month of April for southern part of Maldives.



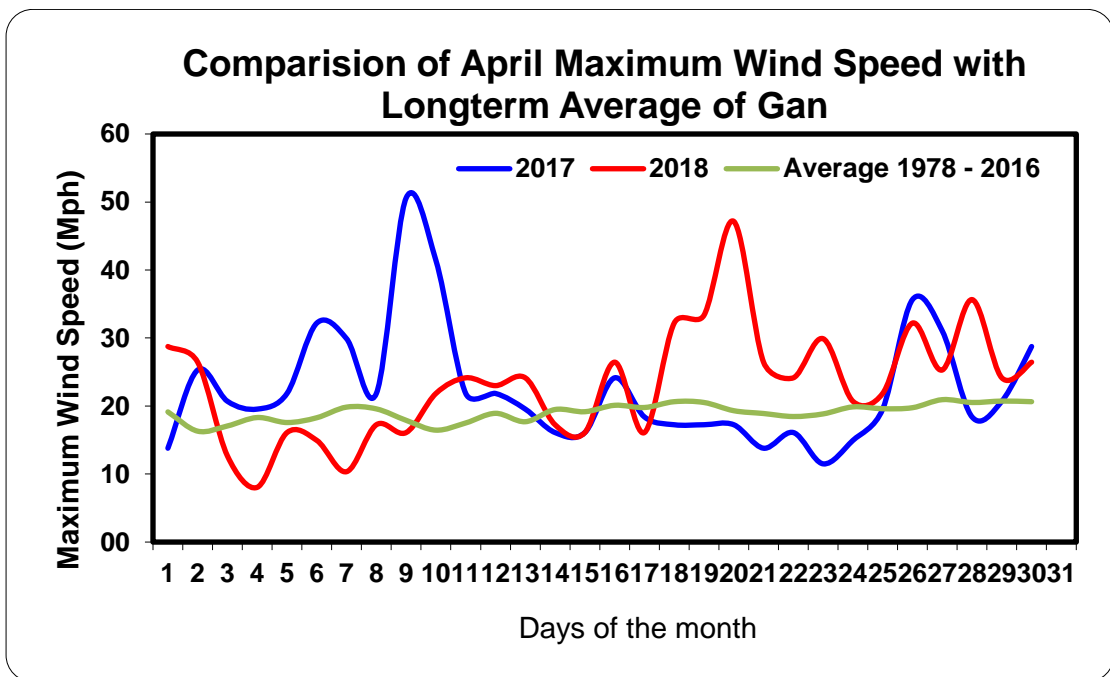
The highest temperature recorded in southern part of the Maldives last April was 33 degree Celsius, which was recorded on the 7th. The minimum temperature recorded in the same area for the last month was 23 degree Celsius and was recorded on the 20th of April. However, the highest temperature recorded in April 2017 in southern parts of the country was 33 degree Celsius, which was recorded on the 26th. Furthermore, the minimum temperature recorded in south in April 2017 was 24 degree Celsius, recorded on the 5th. Figure below shows daily maximum and minimum temperature (2017 and 2018) and average maximum and minimum temperature for the Month of April for southern part of Maldives.



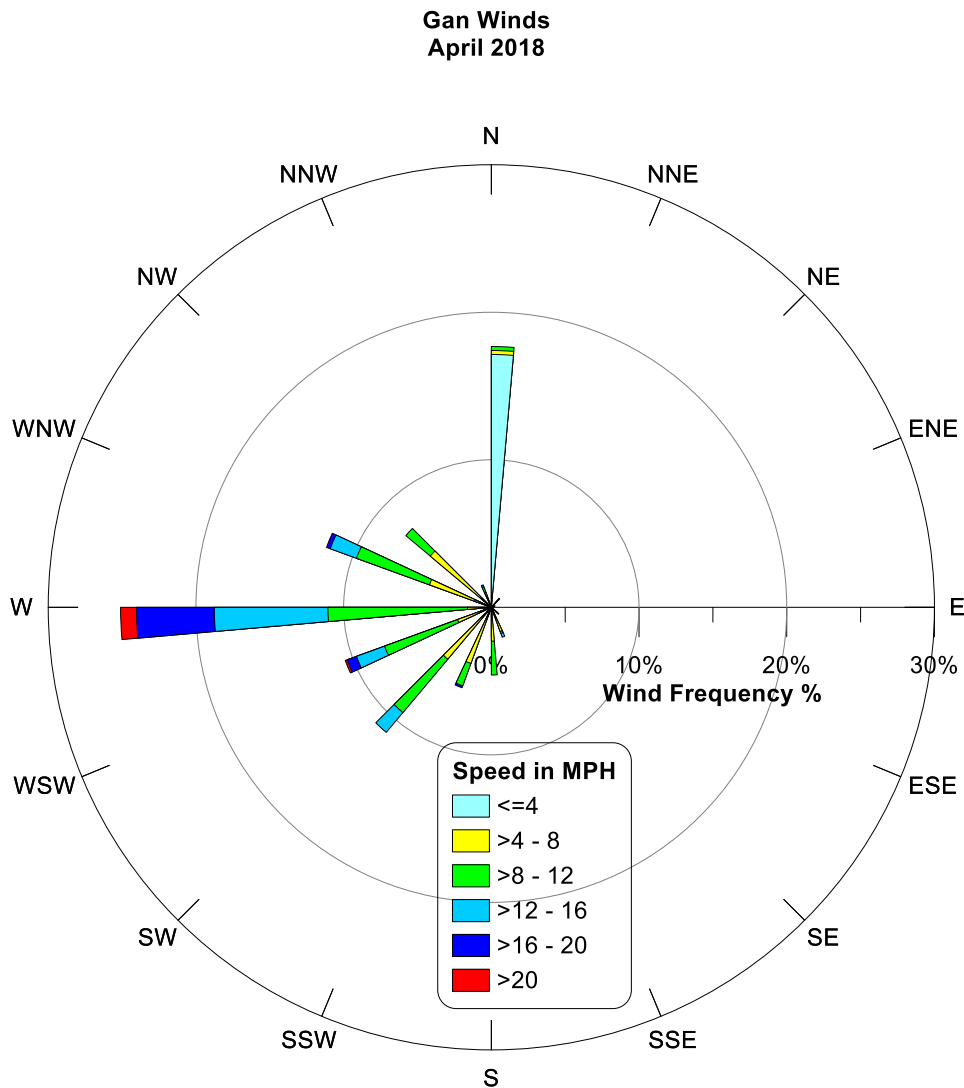
Southern part of the country received sunshine for 26 days last April, which amounts to 189 hours and 12 minutes. Furthermore, in April 2017 southern part of the country received sunshine for 30 days, which amounts to 281 hours 54 minutes. Figure below shows daily sunshine (2017 and 2018) and daily average sunshine for the Month of April for southern part of Maldives.



Last April, the maximum wind speed in south was experienced on the 20th at 14:28 hours from *west* at a speed of 47 mph. However, the maximum wind speed in southern atolls in April 2017 was recorded on the 9th at 01:08 hours at a speed of 51 mph from *west-south-west*. Figure below shows daily maximum wind speed (2017 and 2018) 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 2018.



This is the wind rose for Gan based on hourly wind data of the month April 2018. This rose shows that the winds at Gan during the period blow from the *west and north* much of the time. In fact, the spokes in the directions *south-west, west-south-west and west-north-west* comprise about 34% 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 th April 1998

Lowest minimum temperature recorded was 19.7 °C on 24 th April 1986
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Highest wind recorded was 103.5 Miles from SW on 29 th May 1991
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Highest rainfall within 24hrs recorded was 228.4 mm on 24 th November 2015
