



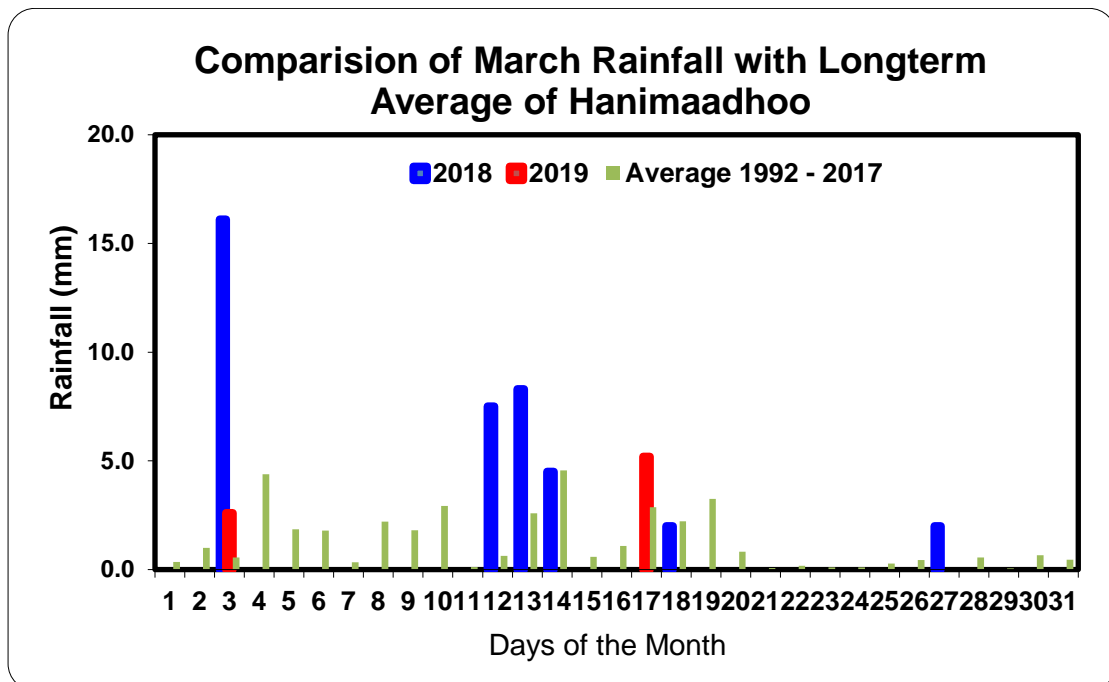
Climate Section
Maldives Meteorological Service
Hulhule

Climate Conditions in March 2019

Date: 10th April 2019

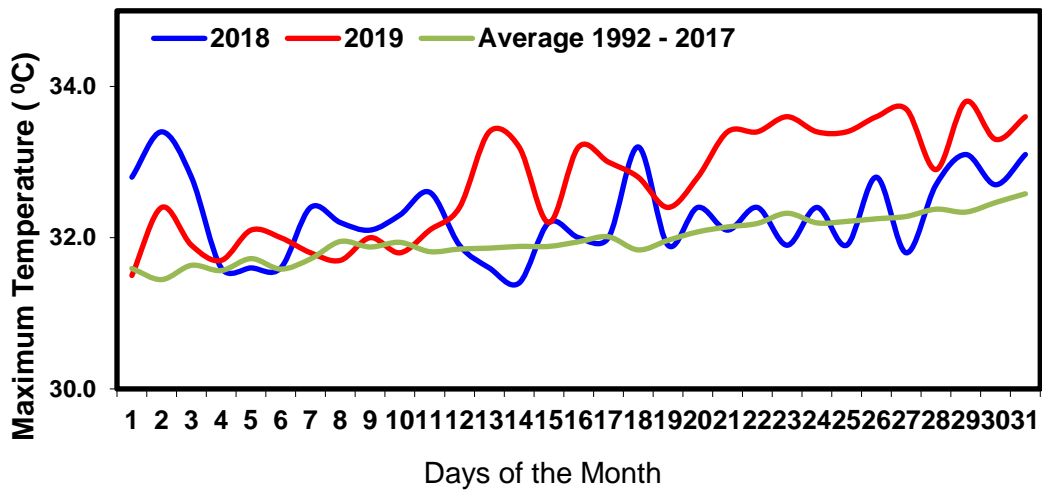
North

Last March, northern part of the country received a total rainfall of 8 mm. The highest rainfall within 24 hours was recorded on the 17th and amounts to 5 mm of rainfall. The rainfall received in March 2018 was 33 mm more than that of last March. Figure below shows daily total rainfall (2018 and 2019) and daily average rainfall for the Month of March for northern part of Maldives.

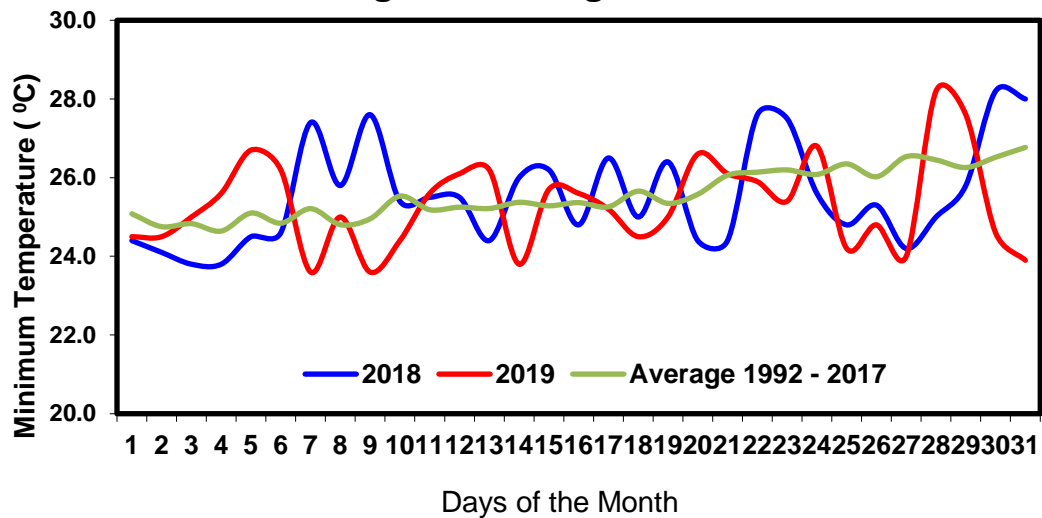


The highest temperature recorded in northern part of the Maldives last March was 34 degree Celsius, which was recorded on 29th. The minimum temperature recorded in the same area for the last month was 24 degree Celsius and was recorded on 7th and 9th of March. However, the highest temperature recorded in March 2018 in northern part of the country was 33 degree Celsius, which was recorded on the 2nd. Furthermore, the minimum temperature recorded in northern part in March 2018 was 24 degree Celsius, recorded on the 3rd and 4th. Figure below shows daily maximum and minimum temperature (2018 and 2019) and average maximum and minimum temperature for the Month of March for northern part of Maldives.

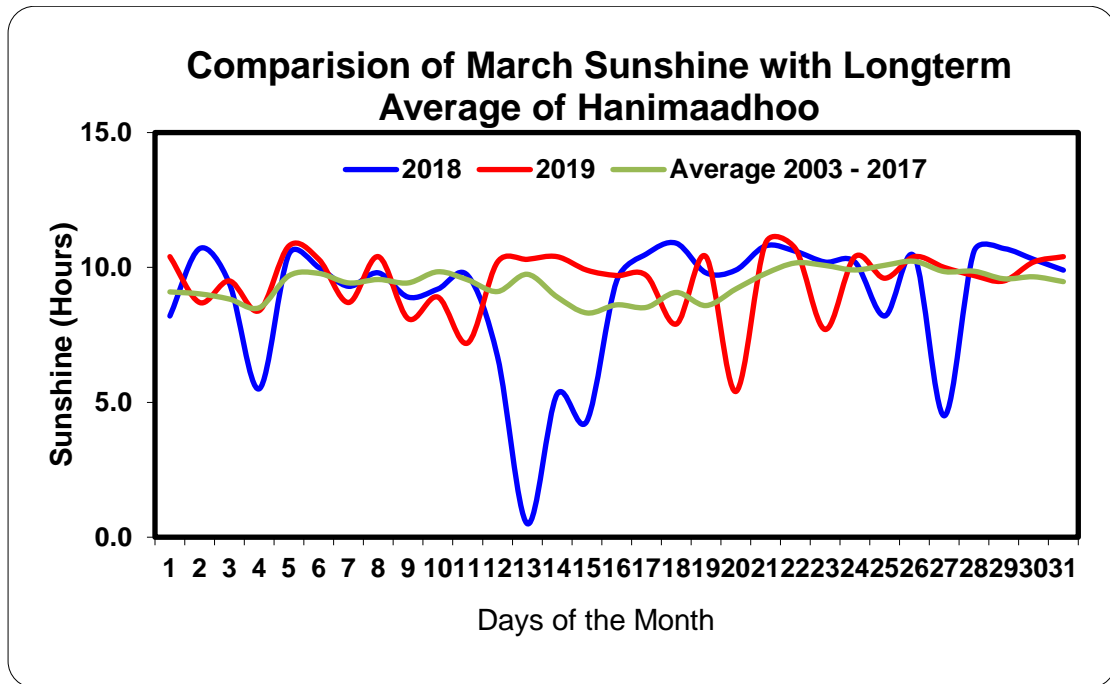
Comparison of March Maximum Temperature with Longterm Average of Hanimaadhoo



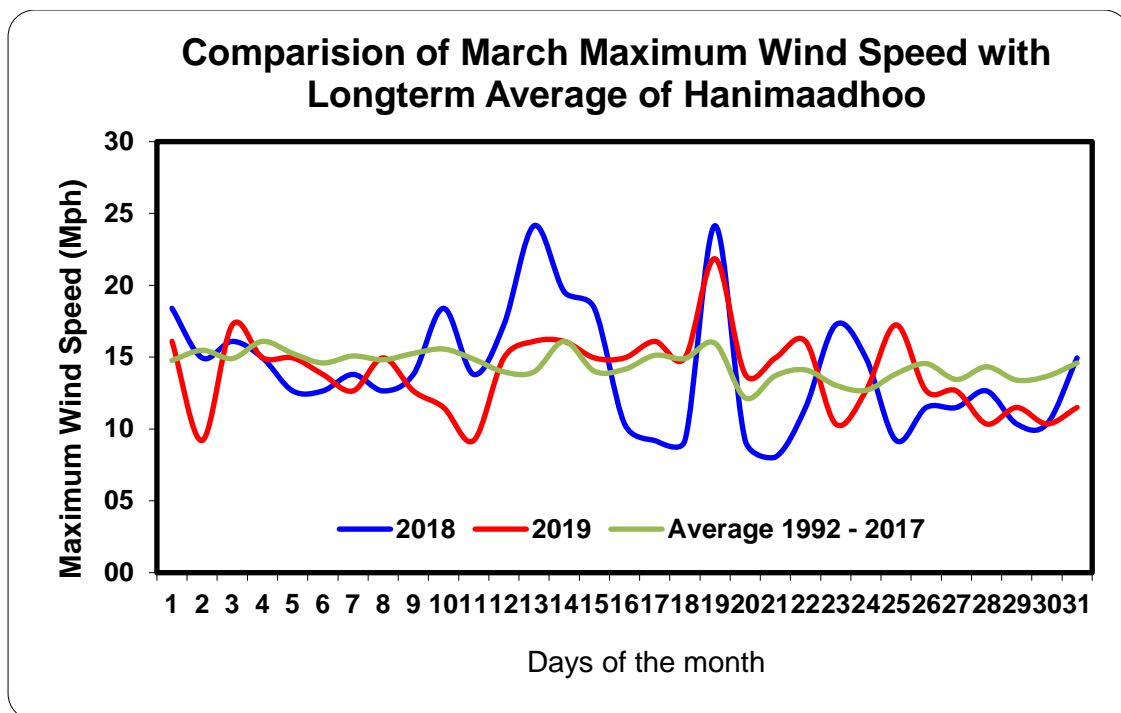
Comparison of March Minimum Temperature with Longterm Average of Hanimaadhoo



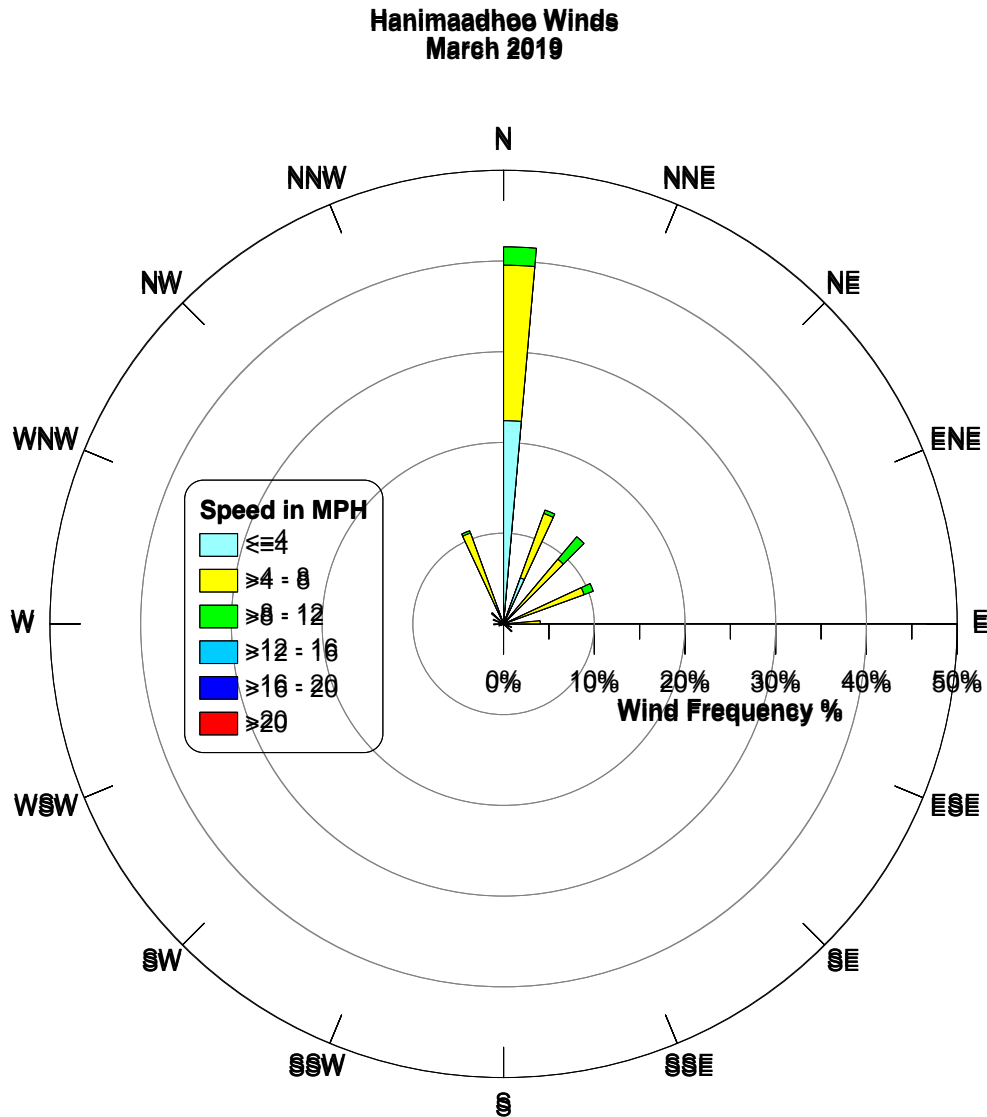
Northern part of the country received sunshine for 31 days last March, which amounts to 294 hours 48 minutes. Furthermore, in March 2018 northern part of the country received sunshine for 31 days, which amounts to 275 hours. Figure below shows daily sunshine (2018 and 2019) and daily average sunshine for the Month of March for northern part of Maldives.



Last March, the maximum wind speed in the northern part was experienced on the 19th at 13:04 hours from *north* at a speed of 22 mph. Furthermore, the maximum wind speed in the northern part in March 2018 was recorded on 13th at 22:14 hours from *east-north-east* and on 19th at 14:04 hours from *north* at a speed of 24 mph. Figure below shows daily maximum wind speed (2018 and 2019) and daily average maximum wind speed for the Month of March for northern part of Maldives.



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



This is the wind rose for Hanimaadhoo based on hourly wind data of the month March 2019. This rose shows that the winds at Hanimaadhoo during the period blow from the *north* much of the time. This also shows that the wind rarely blows from different directions.

Highest maximum temperature recorded was 35.0 °C on 30 th April 2016

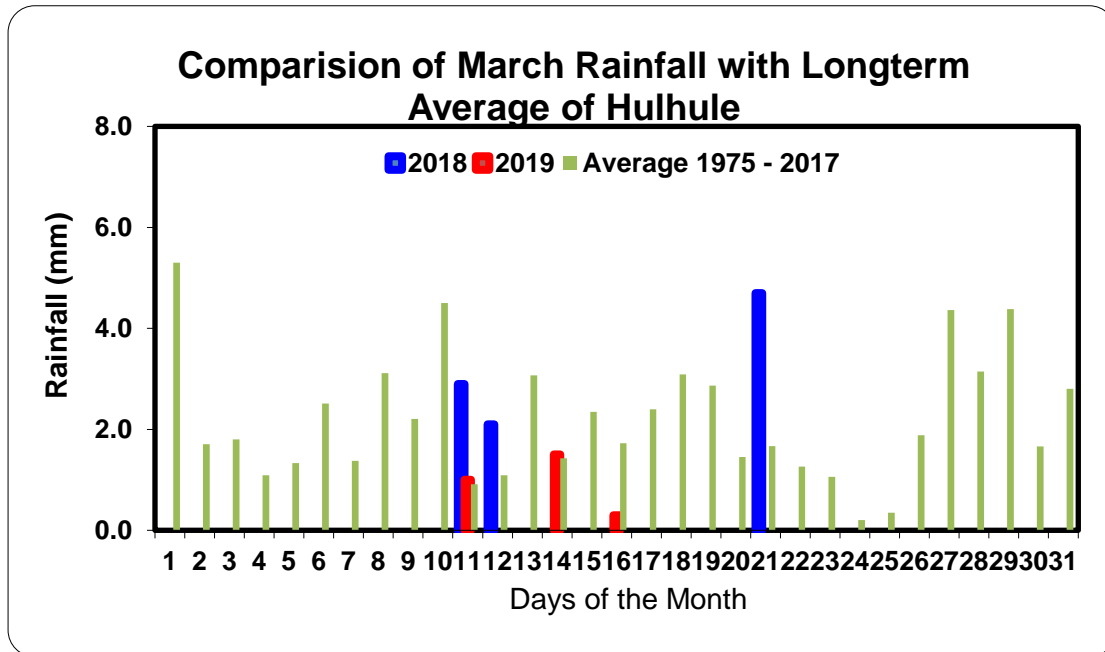
Lowest minimum temperature recorded was 18.2 °C on 23 rd December 2002

Highest wind recorded was 87.4 Miles from NNW on 03 rd February 1991

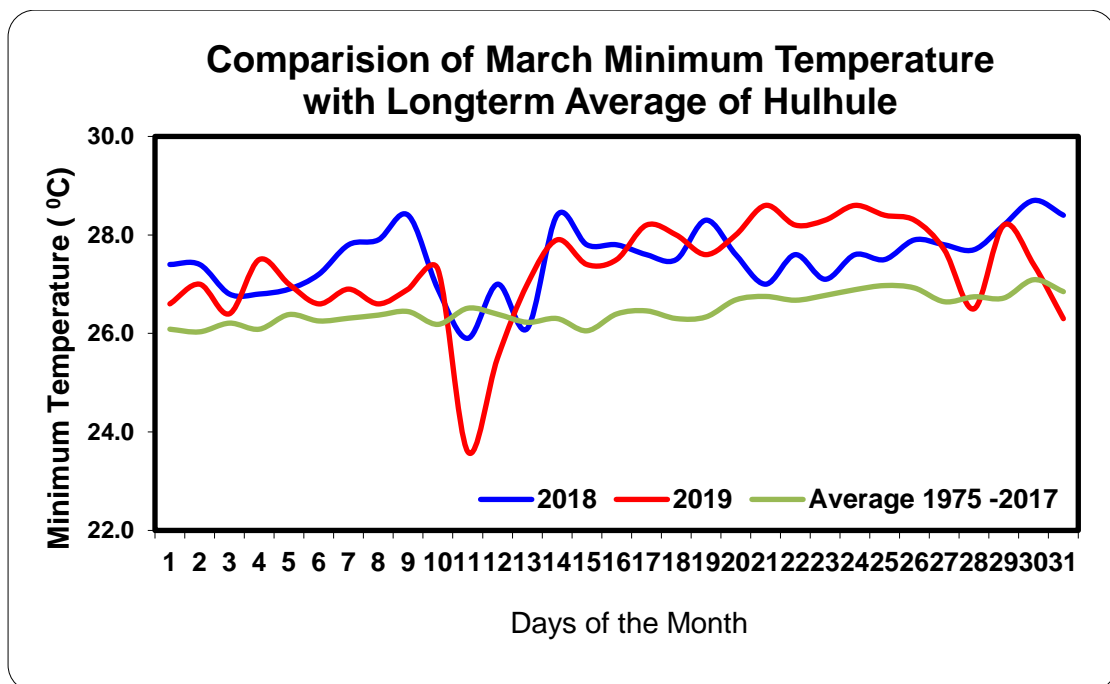
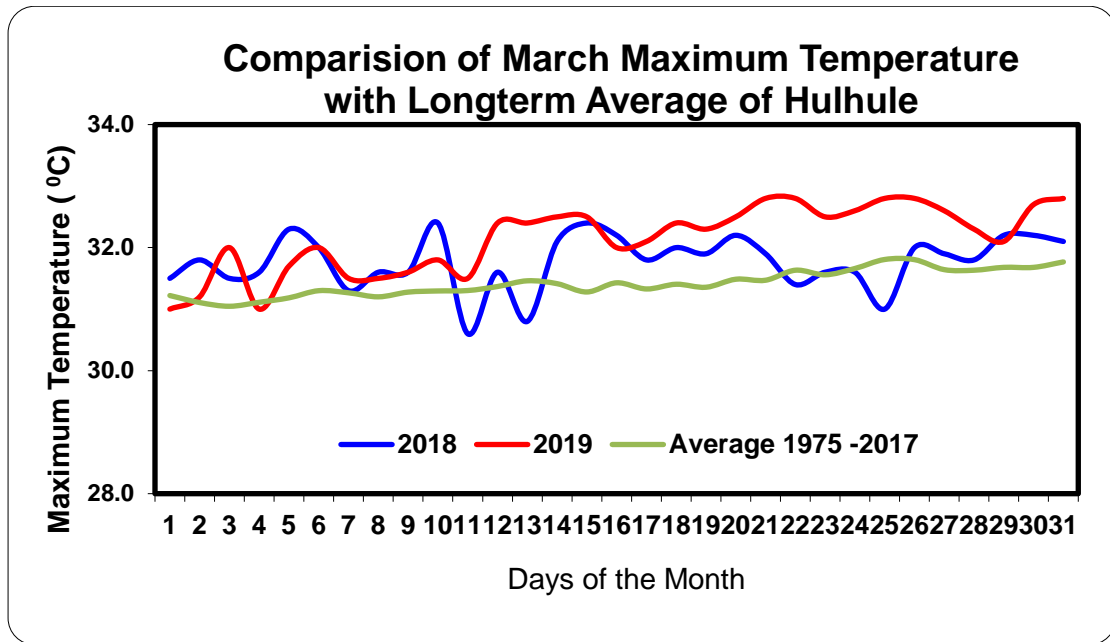
Highest rainfall within 24hrs recorded was 189.0 mm on 31 st May 2017
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Central part

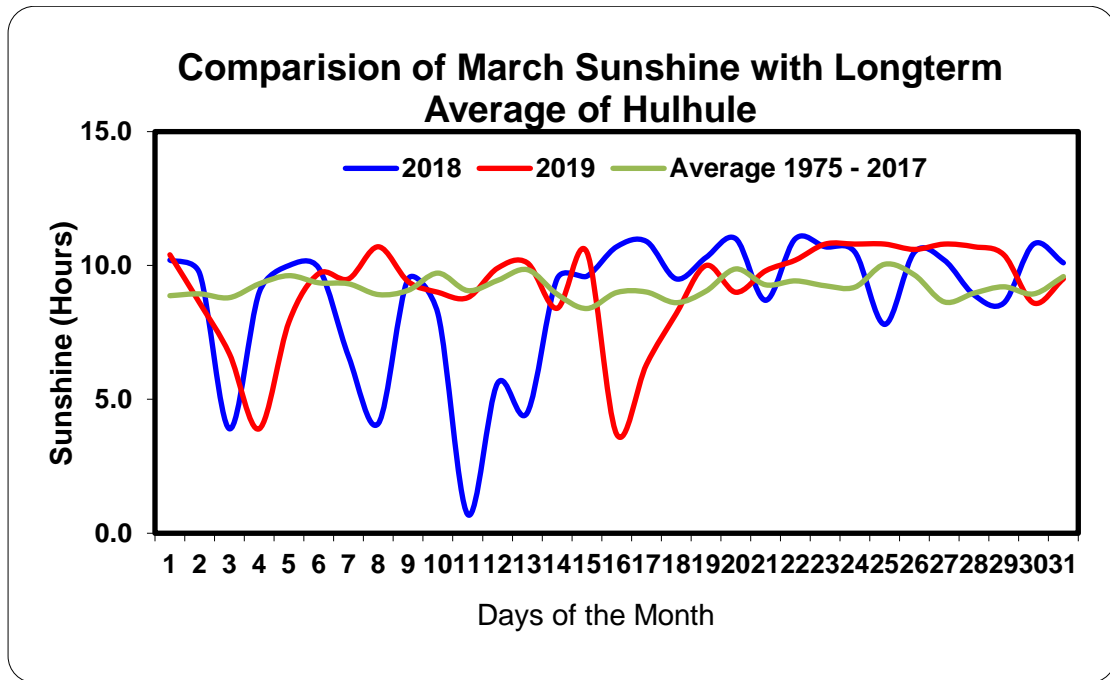
Last March, central part of the country received a total rainfall of 3 mm. The highest rainfall within 24 hours was recorded on the 14th and amounts to 2 mm of rainfall. The rainfall received in March 2018 was 7 mm more than that of last March. Figure below shows daily total rainfall (2018 and 2019) and daily average rainfall for the Month of March for central part of Maldives.



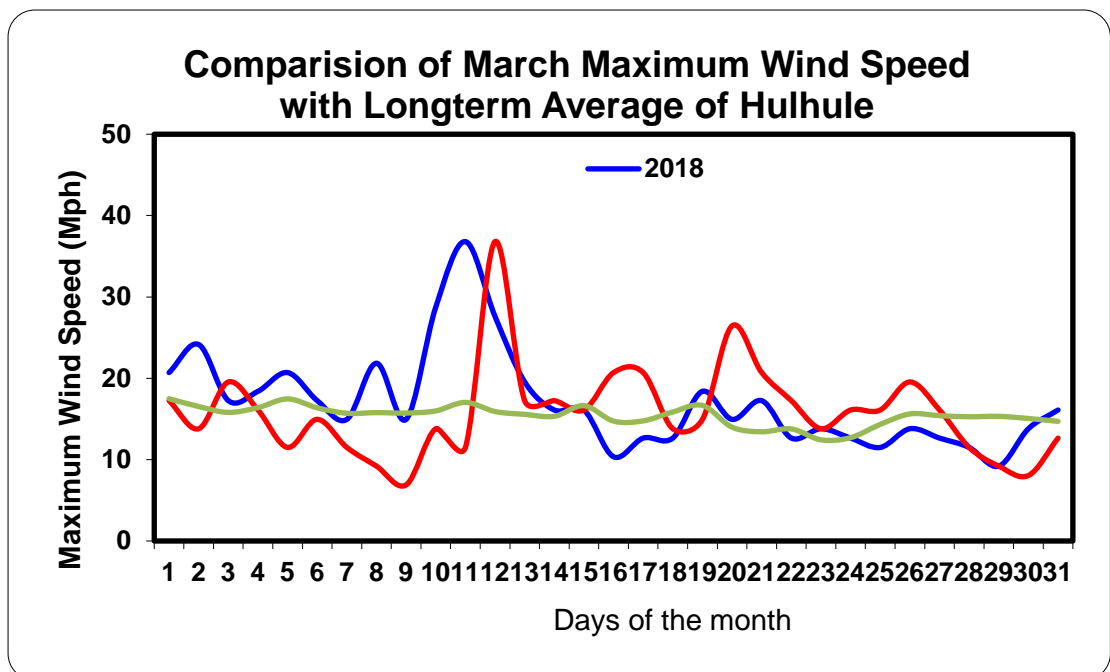
The highest temperature recorded in central part of the Maldives last March was 33 degree Celsius, which was recorded on the 21st, 22nd, 25th, 26th and 31st. The minimum temperature recorded in the same area for the last month was 24 degree Celsius and was recorded on the 11th of March. On the other hand, the highest temperature recorded in March 2018 in central part of the country was 32 degree Celsius, which was recorded on the 10th and 15th. Furthermore, the minimum temperature recorded in the central part in March 2018 was 26 degree Celsius, recorded on the 11th. Figure below shows daily maximum and minimum temperature (2018 and 2019) and average maximum and minimum temperature for the Month of March for central part of Maldives.



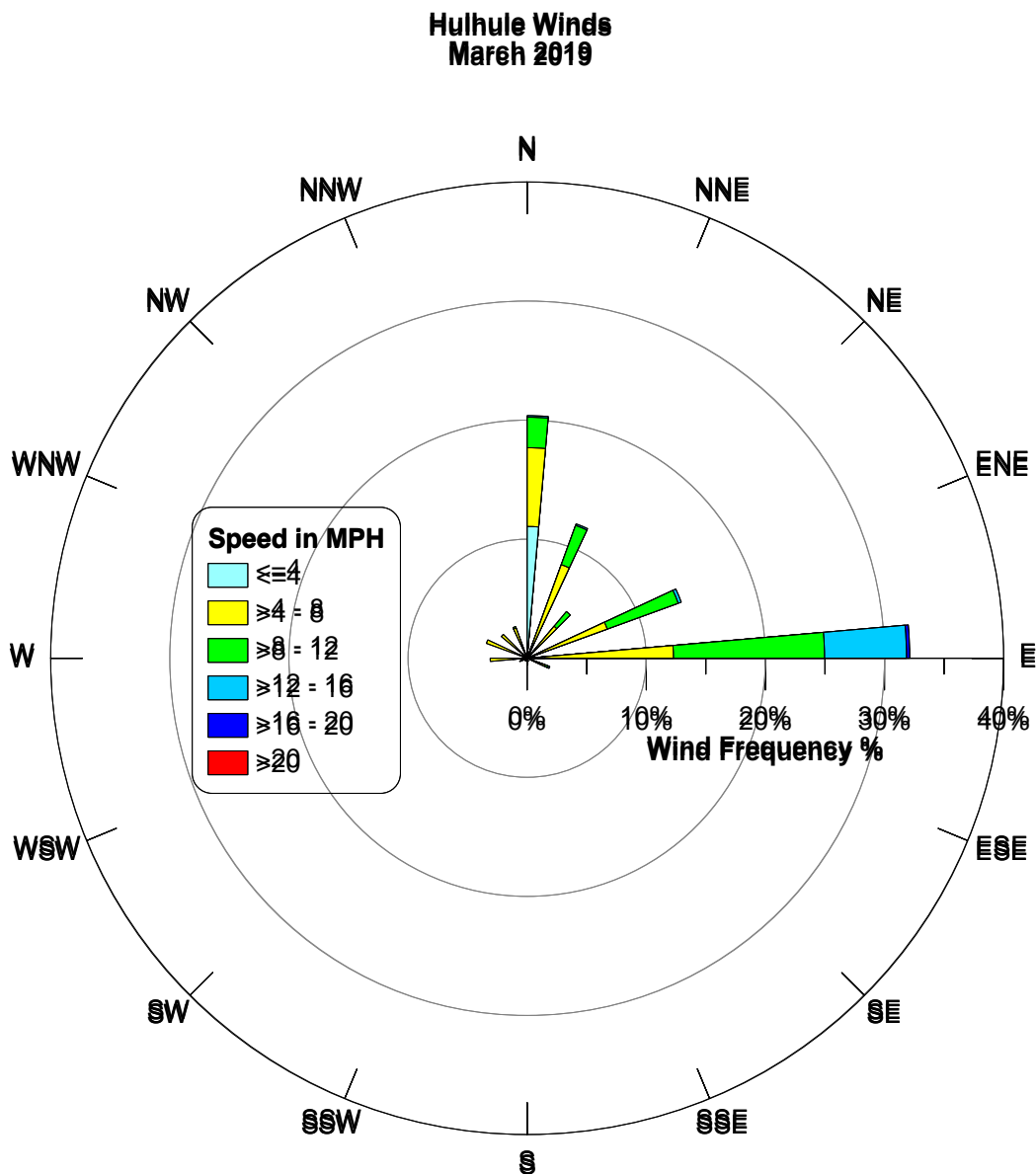
Central part of the country received sunshine for 31 days last March, which amounts to 283 hours 42 minutes. Furthermore, in March 2018 central part of the country received sunshine for 31 days, which amounts to 271 hours 12 minutes. Figure below shows daily sunshine (2018 and 2019) and daily average sunshine for the Month of March for central part of Maldives.



Last March, the maximum wind speed in Central part of the country was experienced on the 12th at 07:05 hours from *north-east* at a speed of 37 mph. However, the maximum wind speed in central part in March 2018 was recorded on the 11th at 11:29 hours at a speed of 37 mph from *east*. Figure below shows daily maximum wind speed (2018 and 2019) and daily average maximum wind speed for the Month of March for central part of Maldives.



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

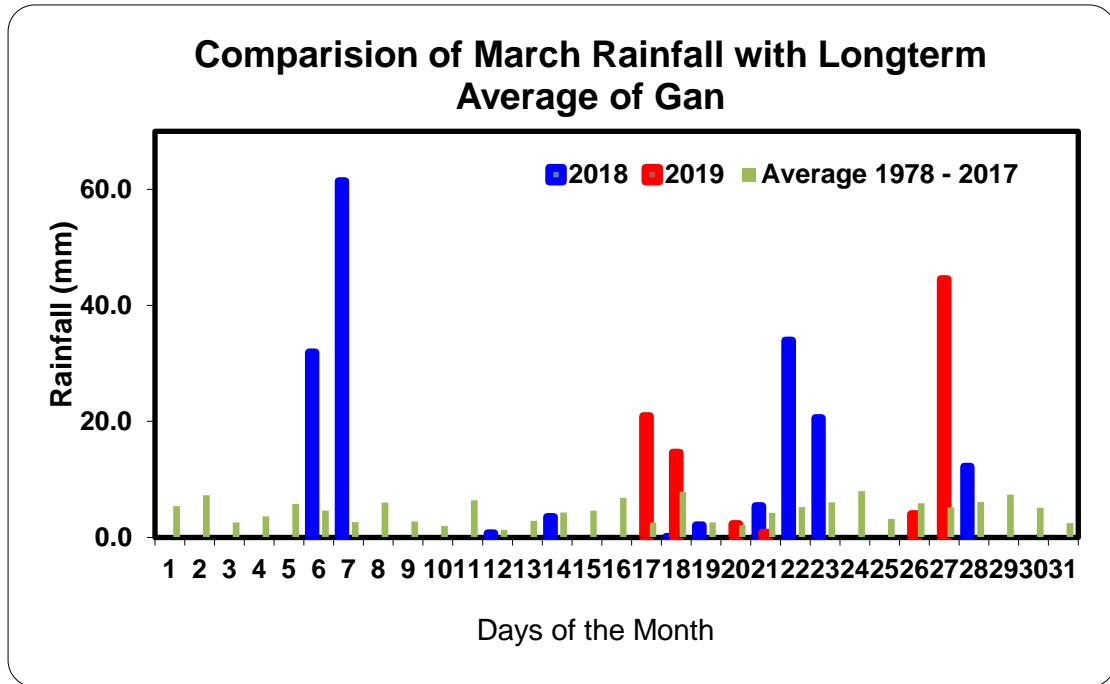


This is the wind rose for Hulhule based on hourly wind data of the month March 2019. This rose shows that the winds at Hulhule during the period blow from the *east* much of the time. In fact, the spokes in the directions *north* comprise about 21% of all hourly wind directions. This also shows that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

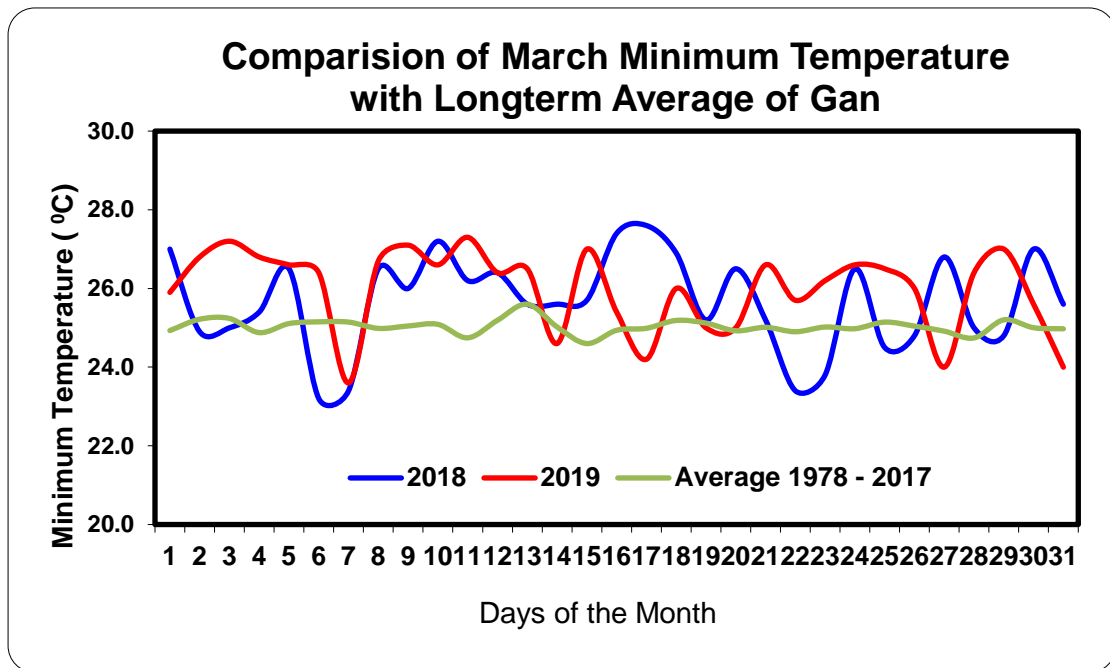
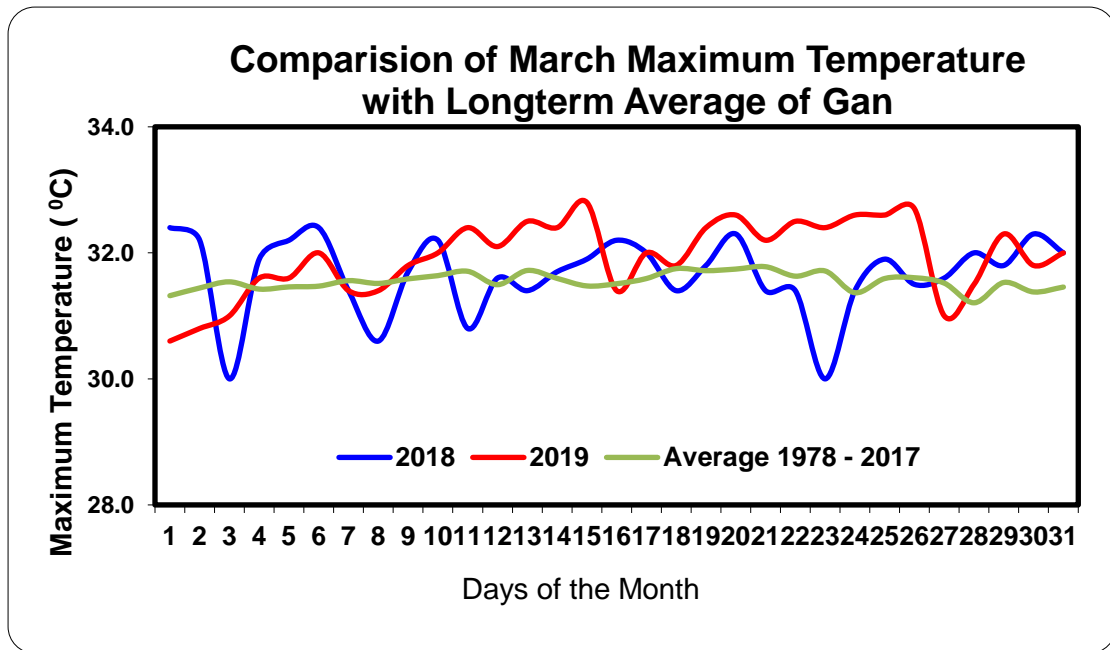
Highest maximum temperature recorded was 34.1 °C on 16 th and 28 th April 1973
Lowest minimum temperature recorded was 19.0 °C on 23 rd November 1984
Highest wind recorded was 71.3 Miles from W on 03 rd November 1978
Highest rainfall within 24hrs recorded was 175.9 mm on 23 rd December 1977 (Hulhule)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

South

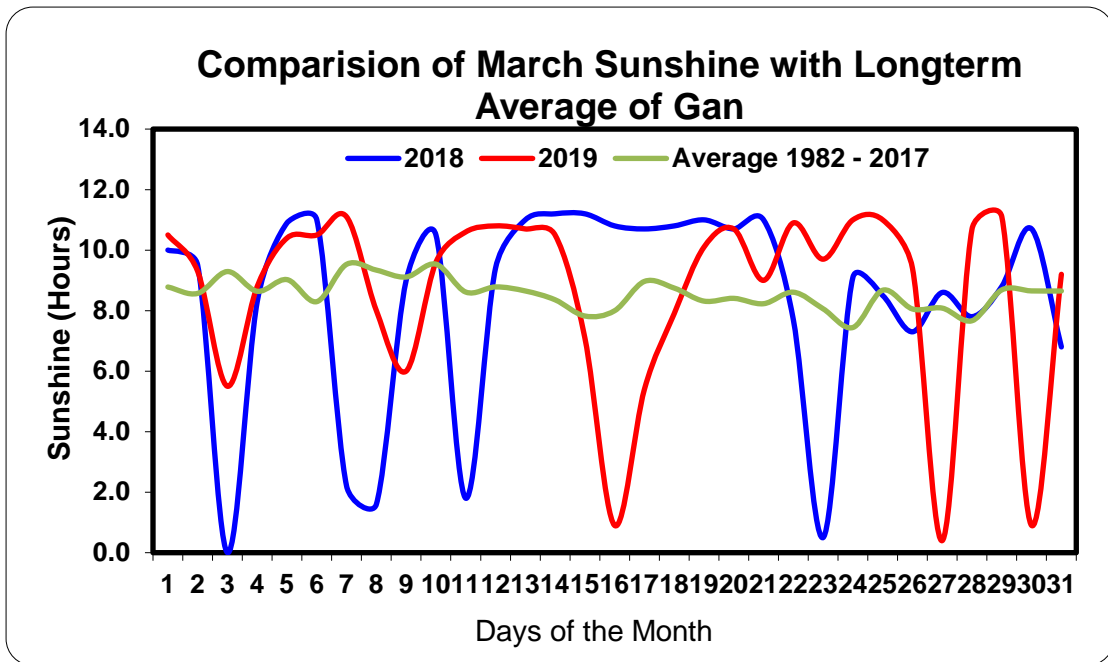
Last March, southern part of the country received a total rainfall of 87 mm. The highest rainfall within 24 hours was recorded on the 27th and amounts to 45 mm of rainfall. The rainfall received in March 2018 was 85 mm more than that of last March. Figure below shows daily total rainfall (2018 and 2019) and daily average rainfall for the Month of March for southern part of Maldives.



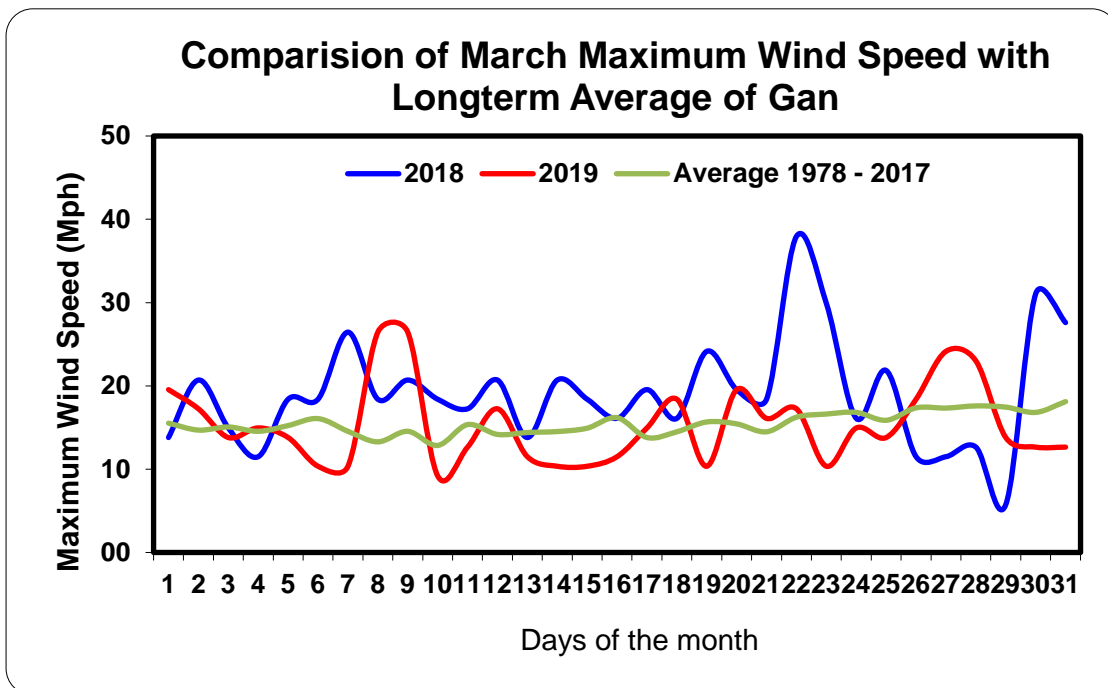
The highest temperature recorded in southern part of the Maldives last March was 33 degree Celsius, which was recorded on the 15th. The minimum temperature recorded in the same area for the last month was 24 degree Celsius and was recorded on the 7th and 29th of March. However, the highest temperature recorded in March 2018 in southern parts of the country was 32 degree Celsius, which was recorded on the 1st and 6th. Furthermore, the minimum temperature recorded in south in March 2018 was 23 degree Celsius, recorded on the 6th. Figure below shows daily maximum and minimum temperature (2018 and 2019) and average maximum and minimum temperature for the Month of March for southern part of Maldives.



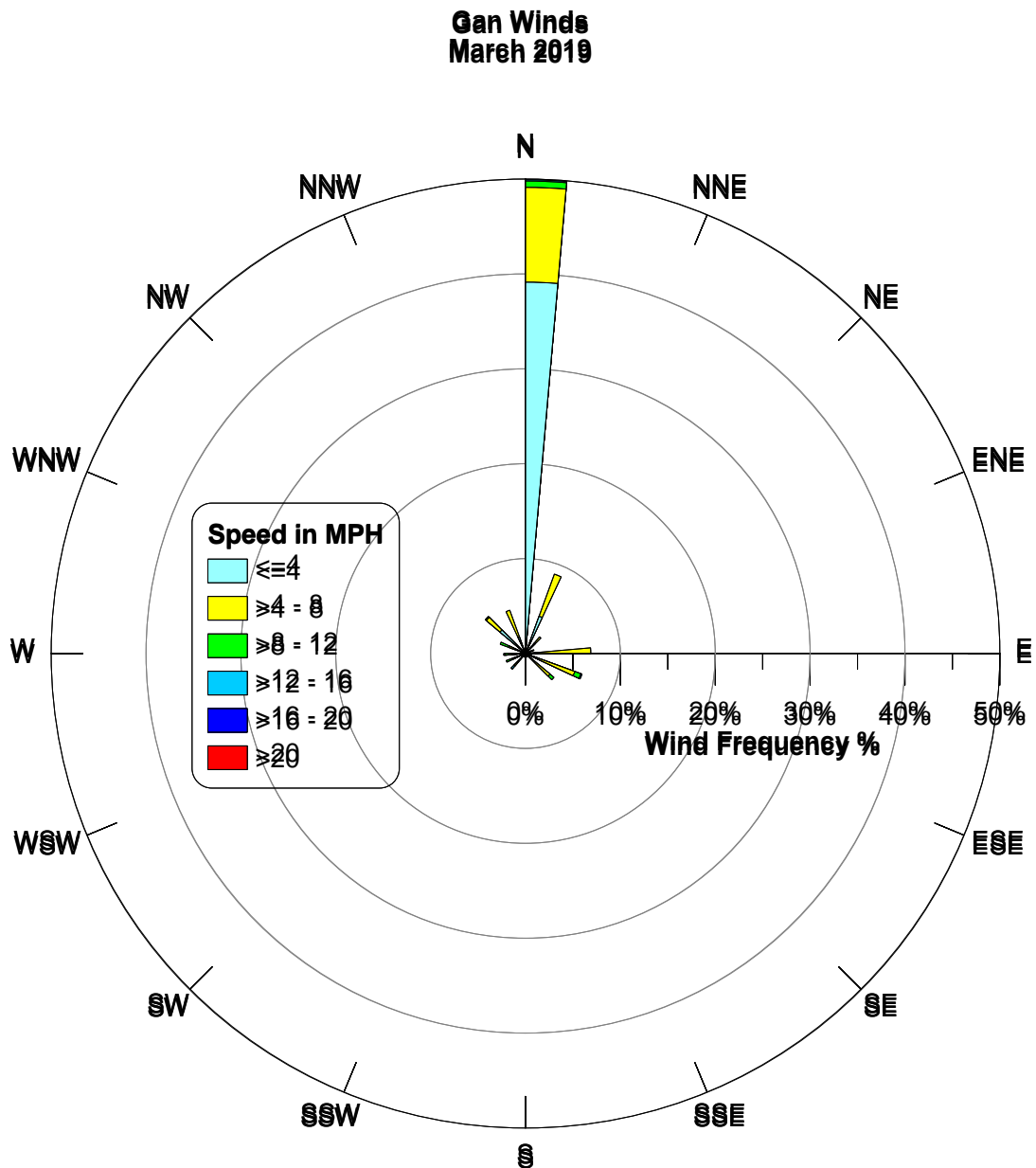
Southern part of the country received sunshine for 31 days last March, which amounts to 267 hours and 42 minutes. Furthermore, in March 2018 southern part of the country received sunshine for 30 days, which amounts to 258 hours 24 minutes. Figure below shows daily sunshine (2018 and 2019) and daily average sunshine for the Month of March for southern part of Maldives.



Last March, the maximum wind speed in south was experienced on the 9th at 04:55 and 06:01 hours from *south-west* at a speed of 26 mph. However, the maximum wind speed in southern atolls in March 2018 was recorded on the 22nd at 23:40 hours at a speed of 38 mph from *west*. Figure below shows daily maximum wind speed (2018 and 2019) and daily average maximum wind speed for the Month of March for southern part of Maldives.



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



This is the wind rose for Gan based on hourly wind data of the month March 2019. This rose shows that the winds at Gan during the period blow from the *west* and *north* much of the time. 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 March 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
