



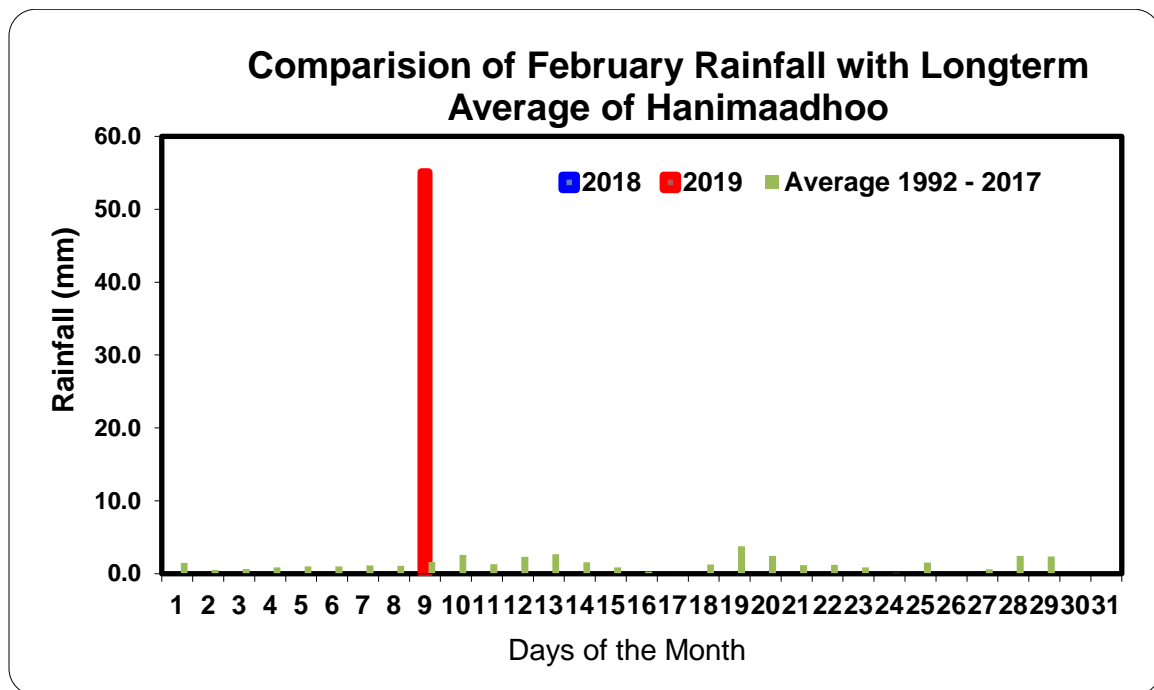
Climate Section
Maldives Meteorological Service
Hulhule

Climate Conditions in February 2019

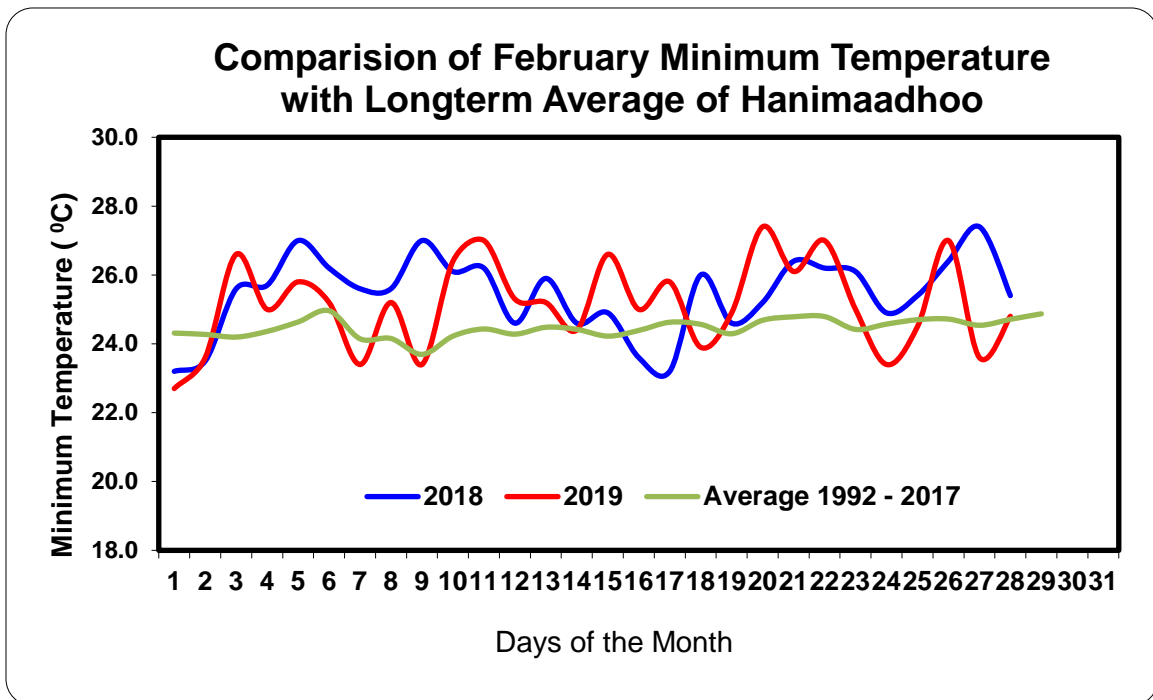
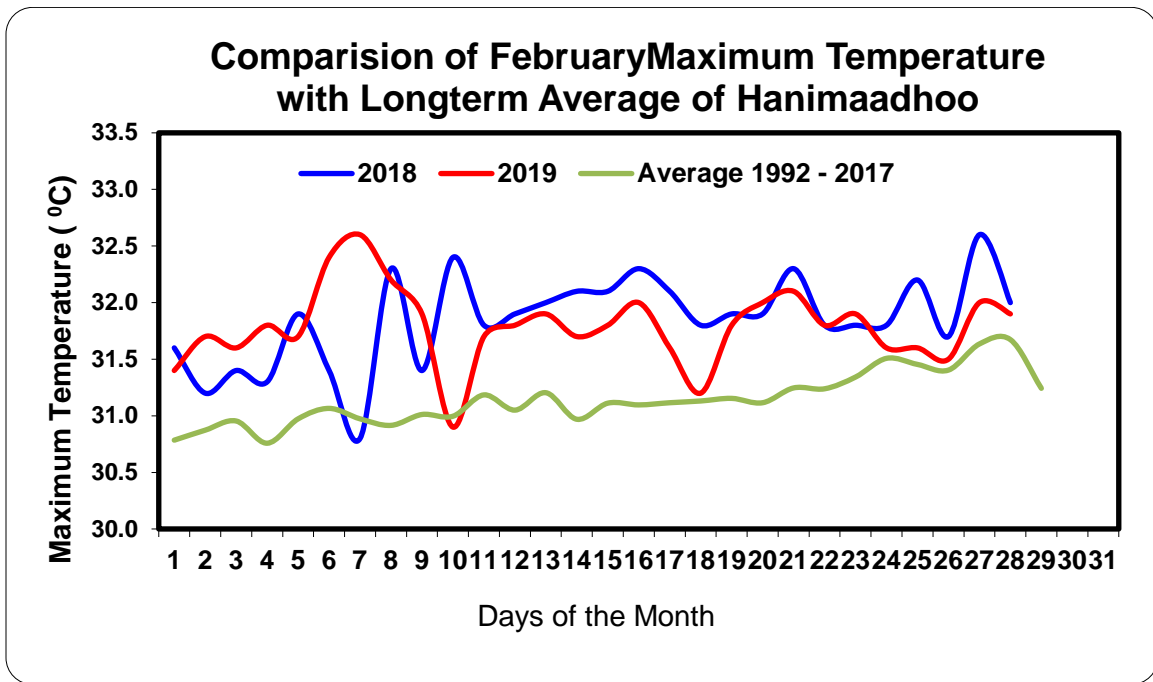
Date: 10th March 2019

North

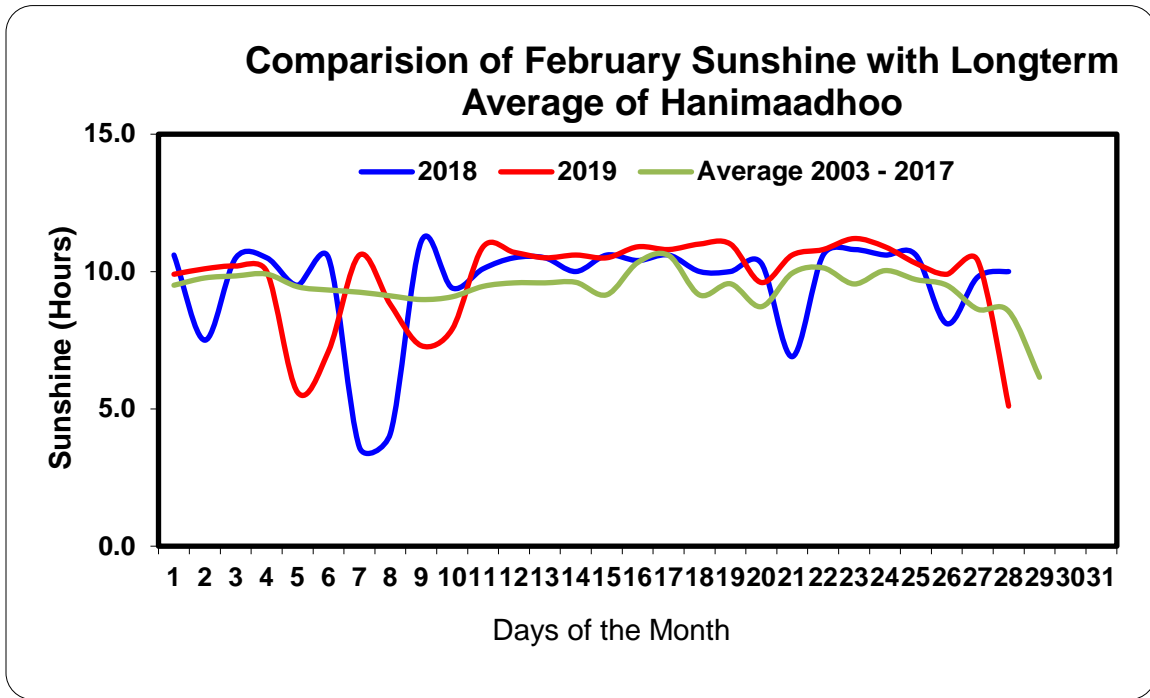
Last February, northern part of the country received a total rainfall of 55 mm. The highest rainfall within 24 hours was recorded on the 09th and amounts to 55 mm of rainfall. The rainfall has not received in February 2018. Figure below shows daily total rainfall (2018 and 2019) and daily average rainfall for the Month of February for northern part of Maldives.



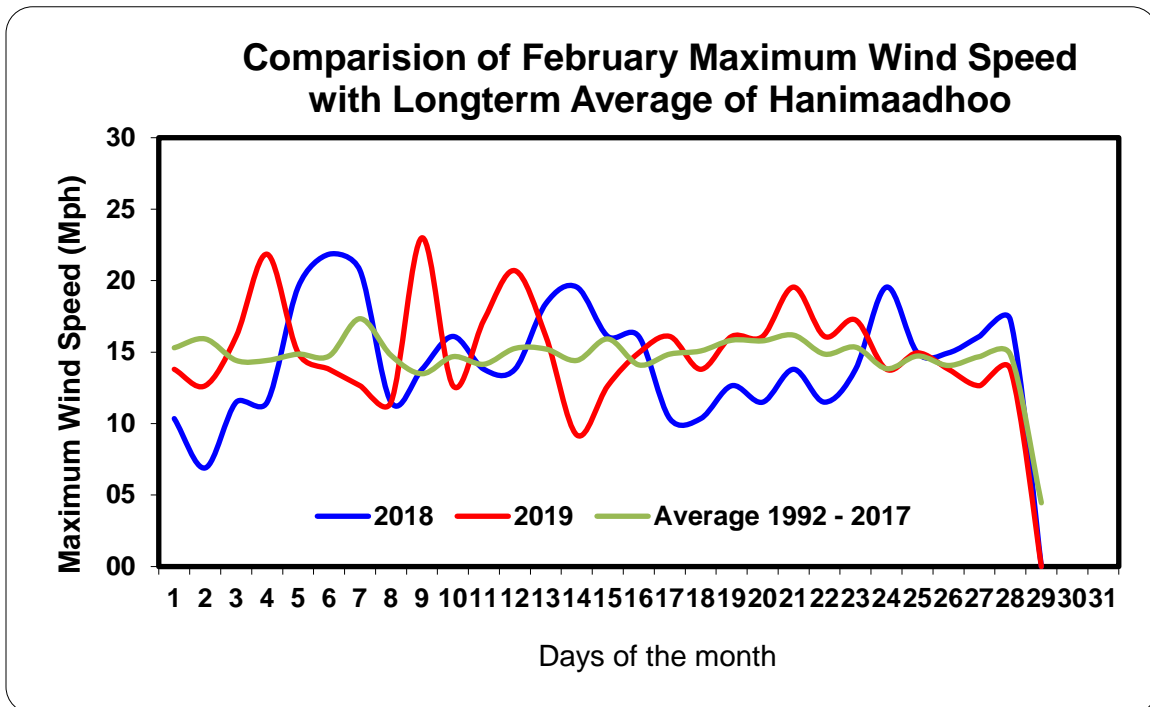
The highest temperature recorded in northern part of the Maldives last February was 33 degree Celsius, which was recorded on 07th. The minimum temperature recorded in the same area for the last month was 23 degree Celsius and was recorded on 1st of February. However, the highest temperature recorded in February 2018 in northern part of the country was 33 degree Celsius, which was recorded on the 27th. Furthermore, the minimum temperature recorded in northern part in February 2018 was 23 degree Celsius, recorded on the 1st and 17th. Figure below shows daily maximum and minimum temperature (2018 and 2019) and average maximum and minimum temperature for the Month of February for northern part of Maldives.



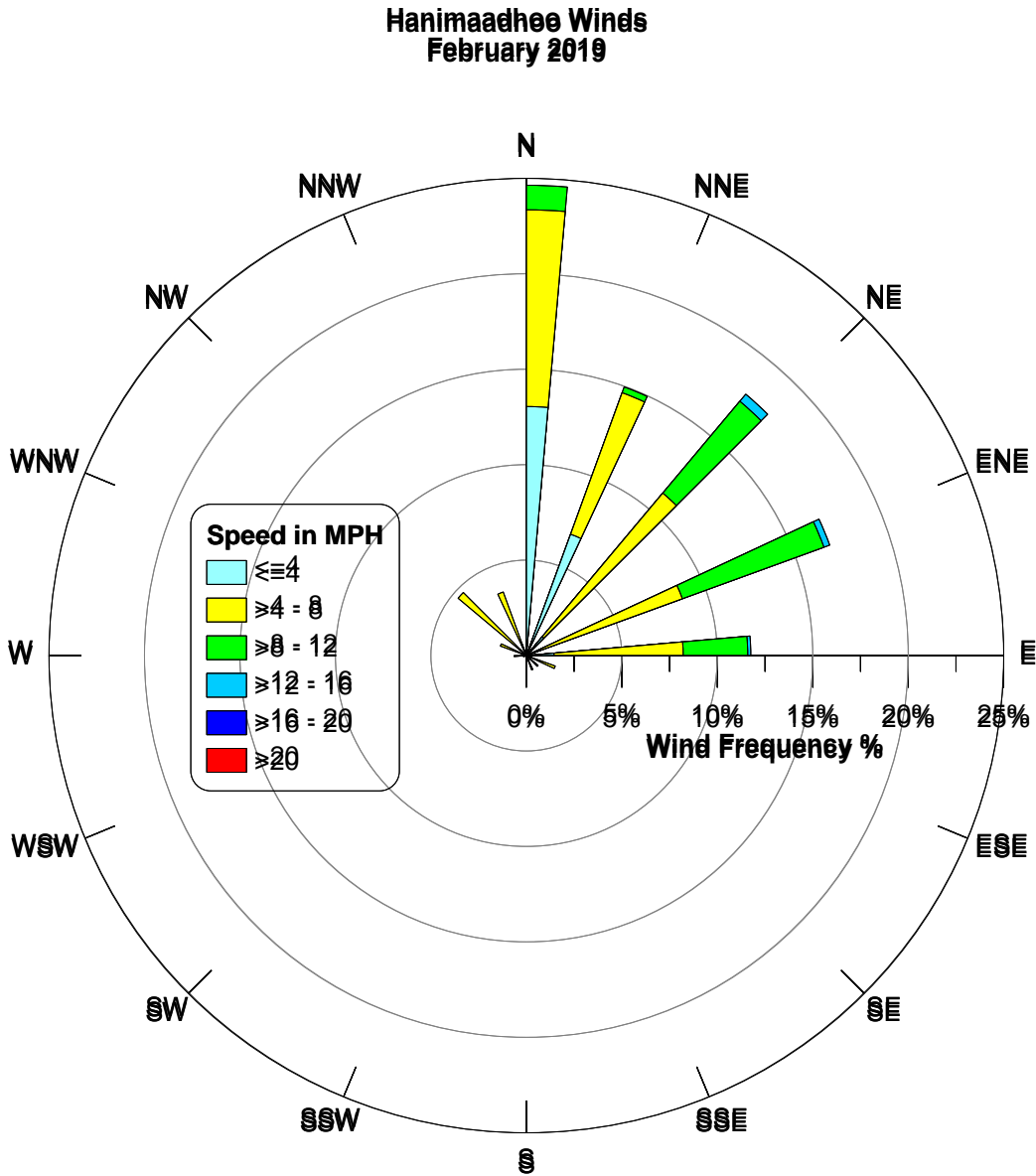
Northern part of the country received sunshine for 28 days last February, which amounts to 273 hours 12 minutes. Furthermore, in February 2018 northern part of the country received sunshine for 28 days, which amounts to 267 hours 42 minutes. Figure below shows daily sunshine (2018 and 2019) and daily average sunshine for the Month of February for northern part of Maldives.



Last February, the maximum wind speed in the northern part was experienced on the 09th at 18:03 hours from *east-north-east* at a speed of 23 mph. Furthermore, the maximum wind speed in the northern part in February 2018 was recorded on 06th at 11:15 hours from *east* at a speed of 22 mph. Figure below shows daily maximum wind speed (2018 and 2019) and daily average maximum wind speed for the Month of February for northern part of Maldives.



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

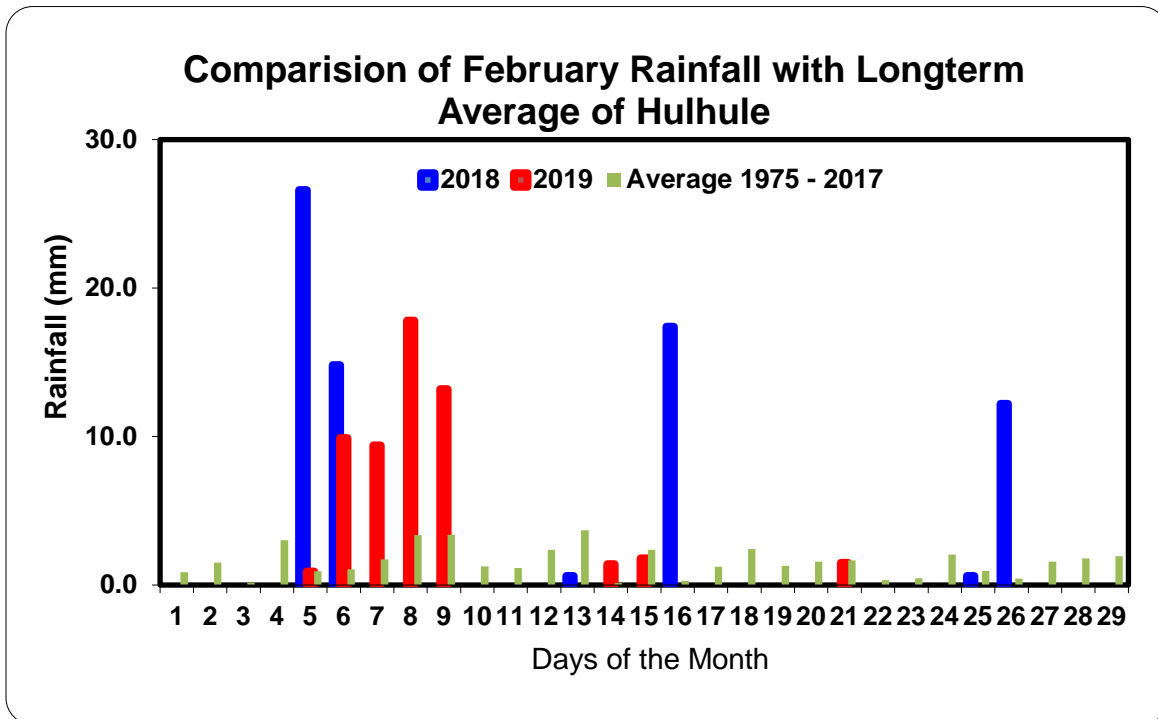


This is the wind rose for Hanimaadhoo based on hourly wind data of the month February 2019. This rose shows that the winds at Hanimaadhoo during the period blow from the *north* much of the time. In fact, the spokes in the directions *north-north-east*, *north-east* and *east-north-east* comprise about 50% 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 87.4 Miles from NNW on 03 rd February 1991
Highest rainfall within 24hrs recorded was 146.9 mm on 26 th May 2008

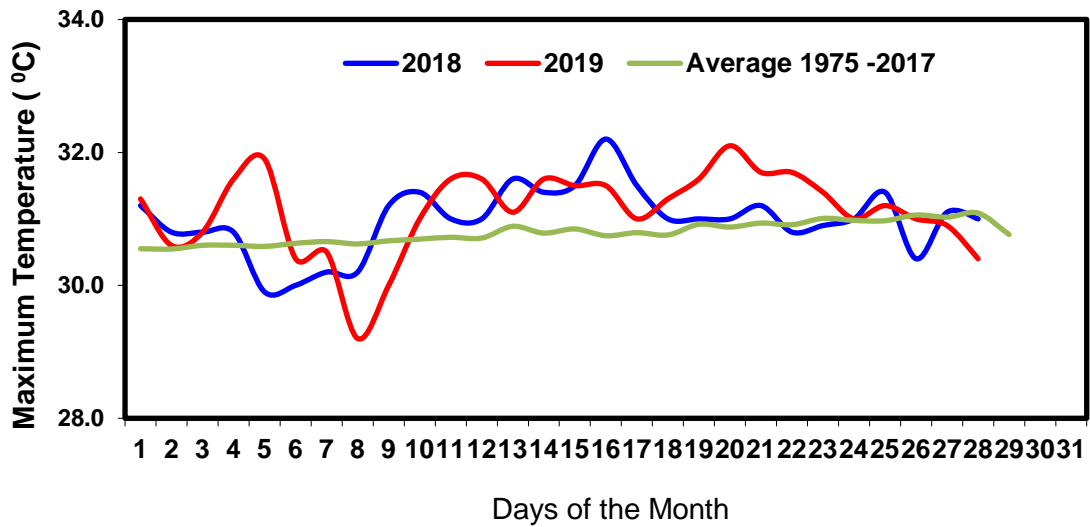
Central part

Last February, central part of the country received a total rainfall of 56 mm. The highest rainfall within 24 hours was recorded on the 08th and amounts to 18 mm of rainfall. The rainfall received in February 2018 was 16 mm less than that of last February. Figure below shows daily total rainfall (2018 and 2019) and daily average rainfall for the Month of February for central part of Maldives.

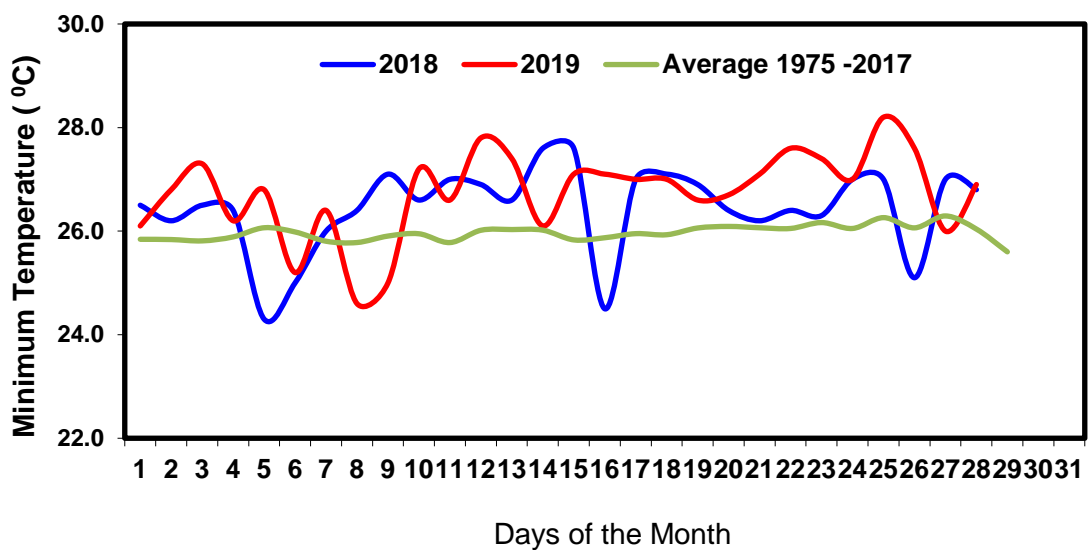


The highest temperature recorded in central part of the Maldives last February was 32 degree Celsius, which was recorded on the 20th. The minimum temperature recorded in the same area for the last month was 25 degree Celsius and was recorded on the 08th of February. On the other hand, the highest temperature recorded in February 2018 in central part of the country was 32 degree Celsius, which was recorded on the 16th. Furthermore, the minimum temperature recorded in the central part in February 2018 was 24 degree Celsius, recorded on the 05th. Figure below shows daily maximum and minimum temperature (2018 and 2019) and average maximum and minimum temperature for the Month of February for central part of Maldives.

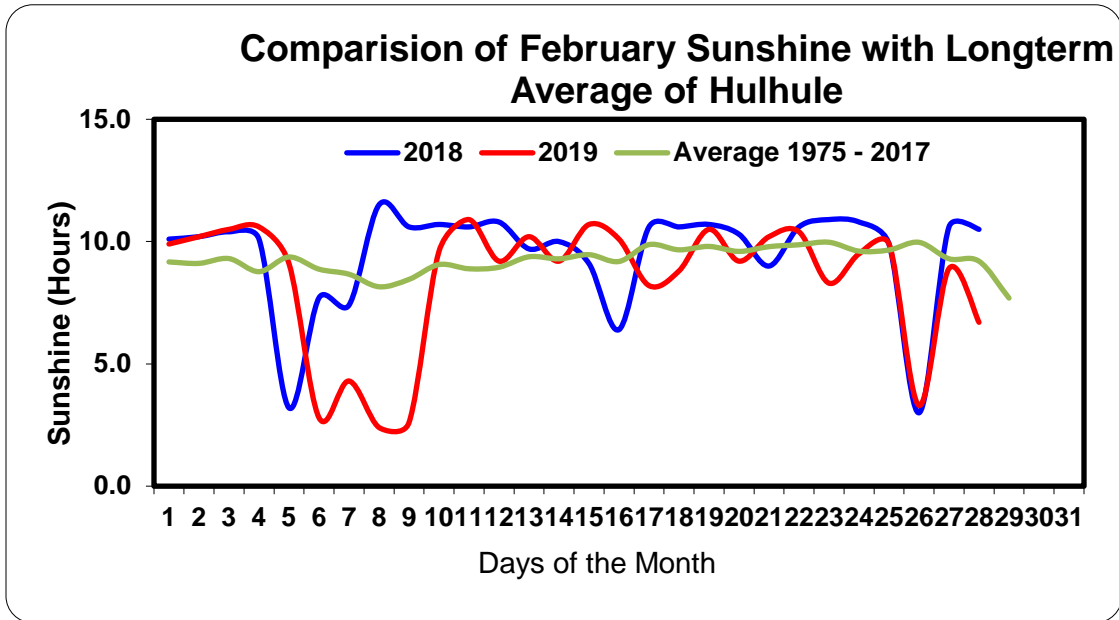
Comparison of February Maximum Temperature with Longterm Average of Hulhule



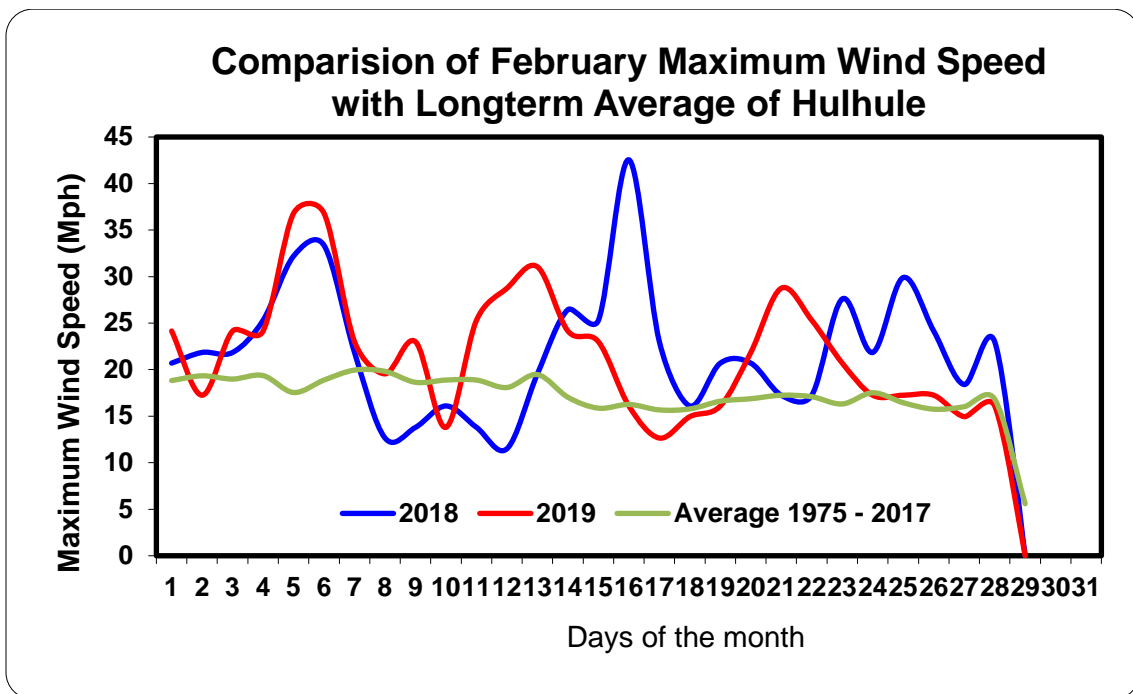
Comparison of February Minimum Temperature with Longterm Average of Hulhule



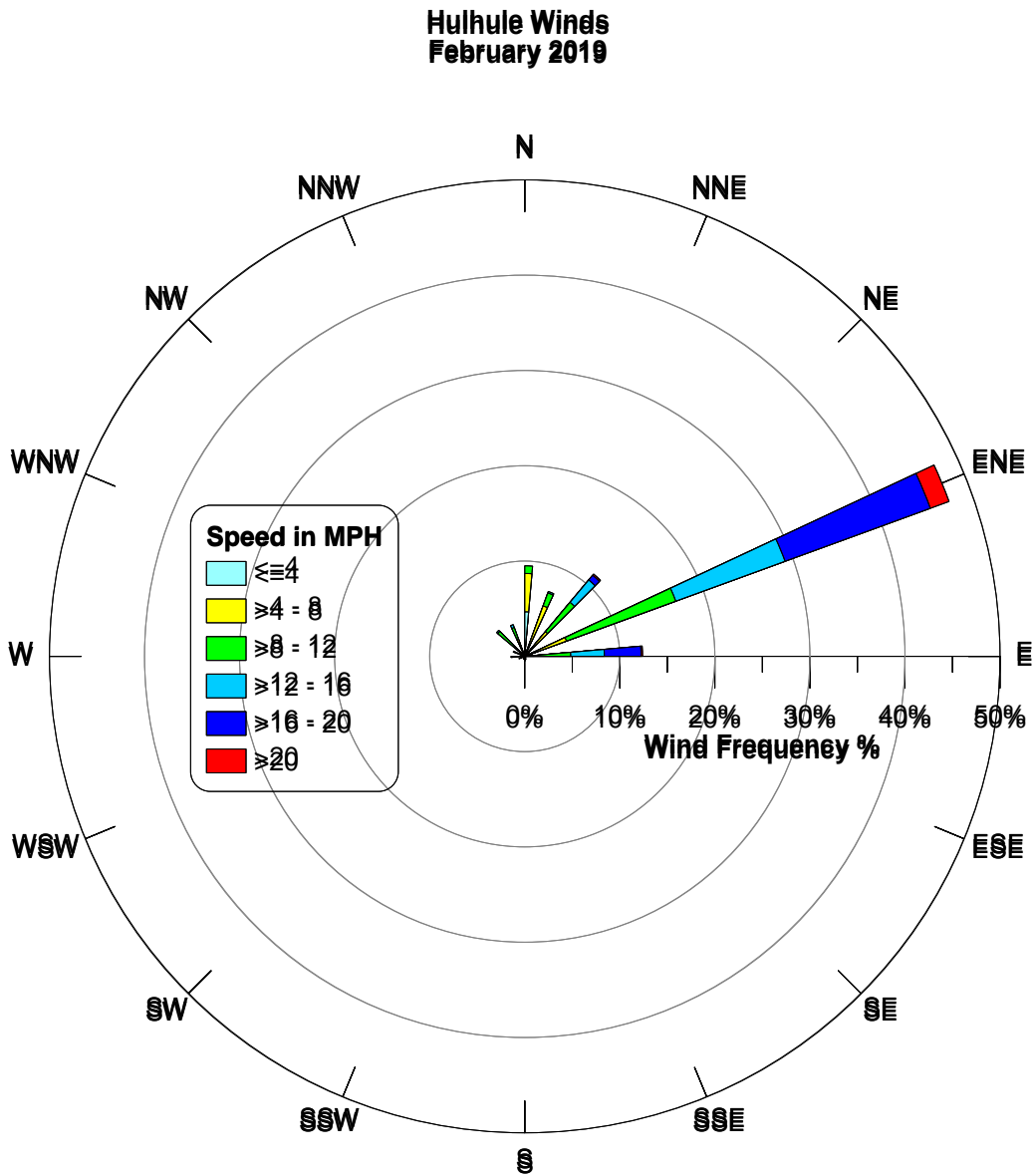
Central part of the country received sunshine for 28 days last February, which amounts to 236 hours 12 minutes. Furthermore, in February 2018 central part of the country received sunshine for 28 days, which amounts to 266 hours. Figure below shows daily sunshine (2018 and 2019) and daily average sunshine for the Month of February for central part of Maldives.



Last February, the maximum wind speed in Central part of the country was experienced on the 05th at 20:45 hours from *east-north-east* and on the 06th at 12:55 hours from *east* at a speed of 37 mph. However, the maximum wind speed in central part in February 2018 was recorded on the 16th at 12:17 hours at a speed of 43 mph from *east*. Figure below shows daily maximum wind speed (2018 and 2019) and daily average maximum wind speed for the Month of February for central part of Maldives.



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

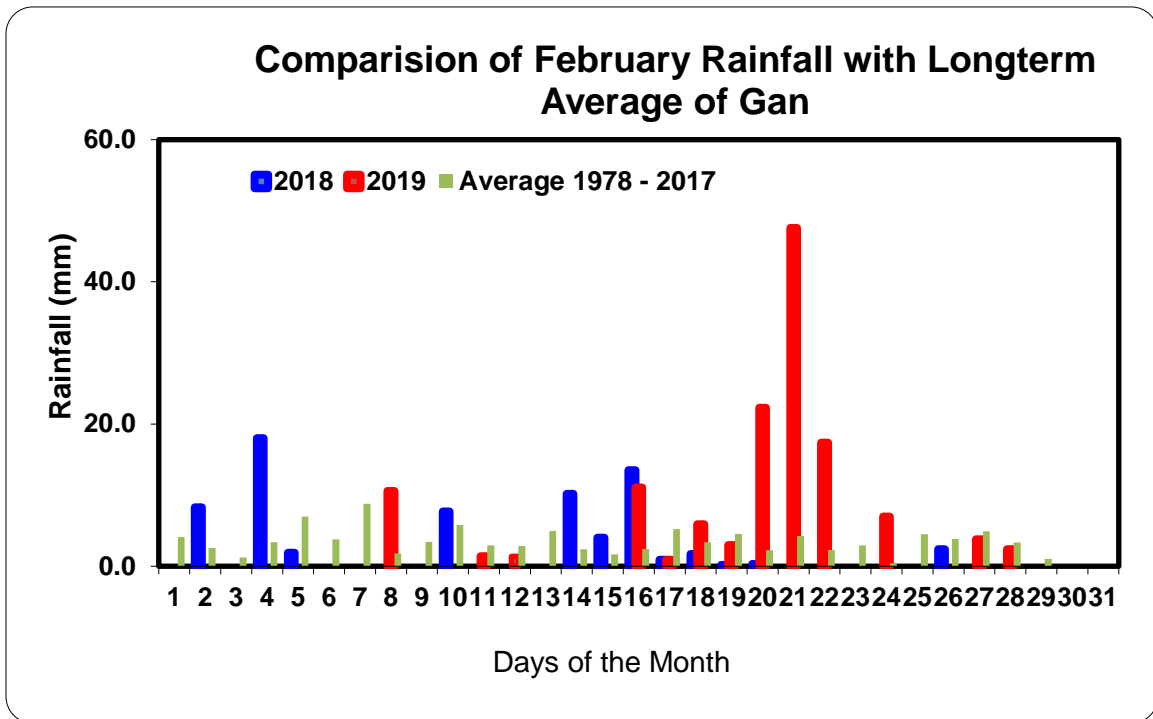


This is the wind rose for Hulhule based on hourly wind data of the month February 2019. This rose shows that the winds at Hulhule during the period blow from the *east-north-east* much of the time. In fact, the spokes in the directions *east* comprise about 13% of all hourly wind directions. This also shows that the wind rarely blows from different directions.

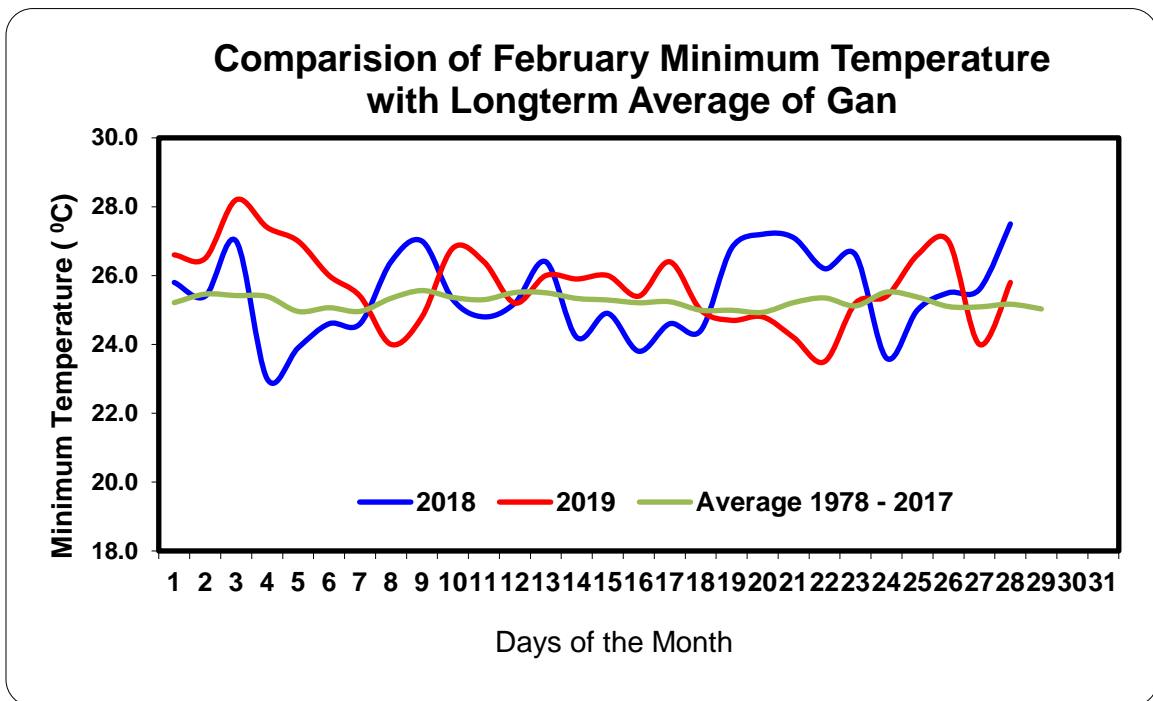
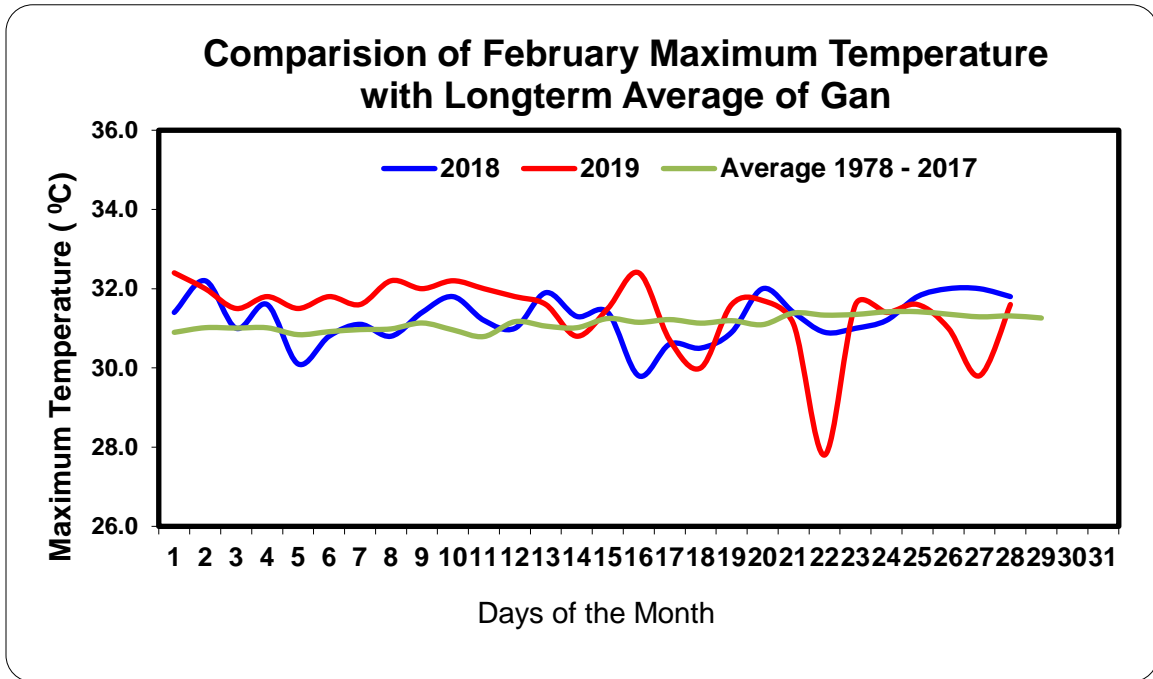
Highest maximum temperature recorded was 34.1 °C on 16 th and 28 th April 1973
Lowest minimum temperature recorded was 19.0 °C on 23 rd November 1984
Highest wind recorded was 71.3 Miles from W on 03 rd November 1978
Highest rainfall within 24hrs recorded was 175.9 mm on 23 rd December 1977 (Hulhule)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

South

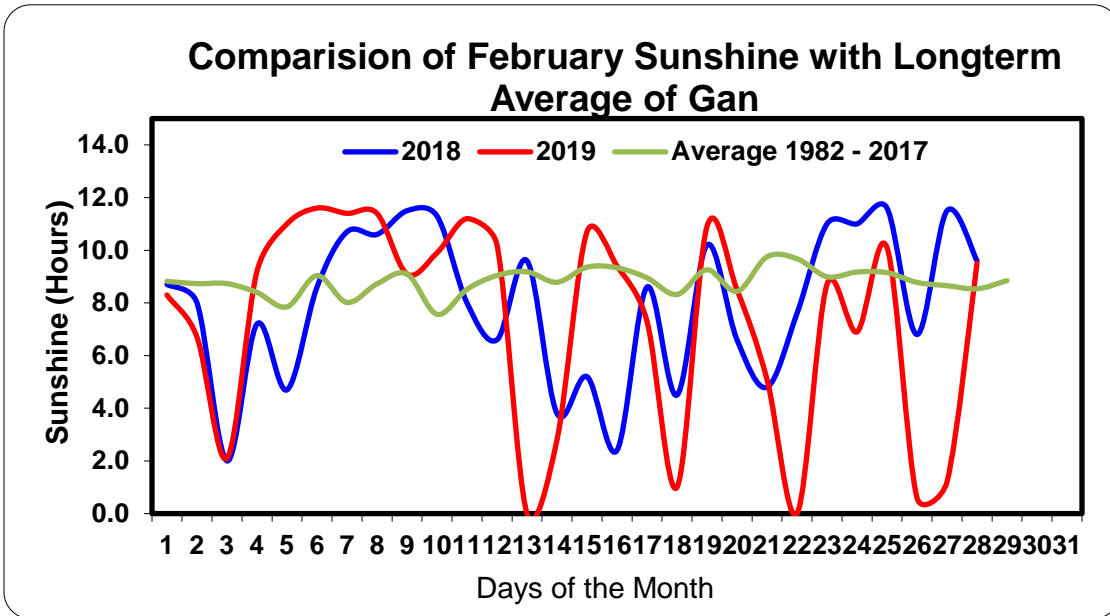
Last February, southern part of the country received a total rainfall of 135 mm. The highest rainfall within 24 hours was recorded on the 21st and amounts to 48 mm of rainfall. The rainfall received in February 2018 was 66 mm less than that of last February. Figure below shows daily total rainfall (2018 and 2019) and daily average rainfall for the Month of February for southern part of Maldives.



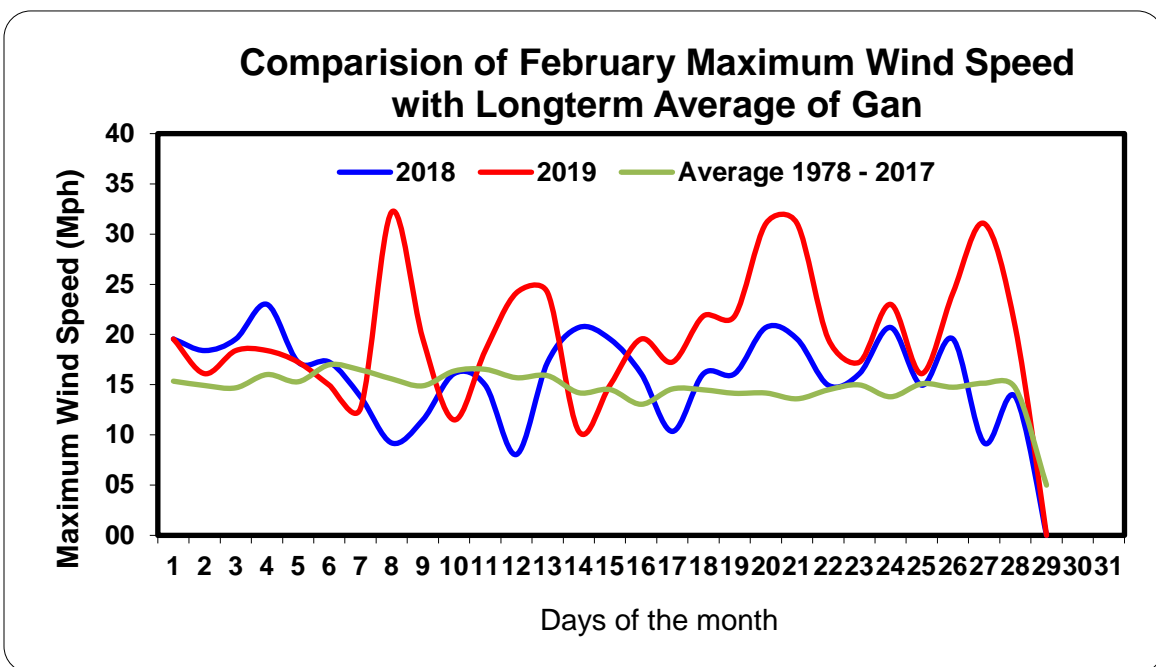
The highest temperature recorded in southern part of the Maldives last February was 32 degree Celsius, which was recorded on the 16th. The minimum temperature recorded in the same area for the last month was 24 degree Celsius and was recorded on the 22nd of February. However, the highest temperature recorded in February 2018 in southern parts of the country was 32 degree Celsius, which was recorded on the 02nd. Furthermore, the minimum temperature recorded in south in February 2018 was 23 degree Celsius, recorded on the 04th. Figure below shows daily maximum and minimum temperature (2018 and 2019) and average maximum and minimum temperature for the Month of February for southern part of Maldives.



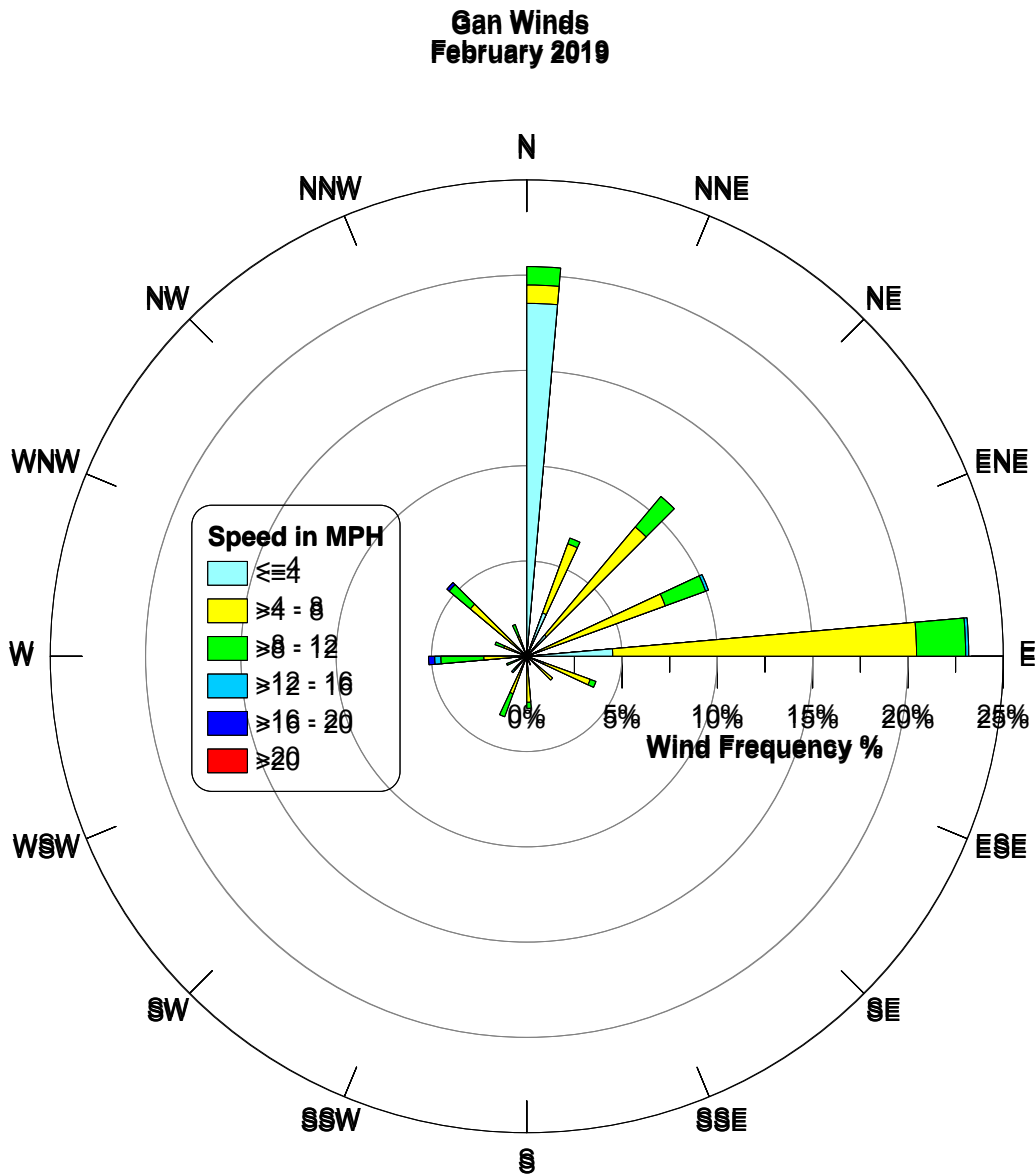
Southern part of the country received sunshine for 26 days last February, which amounts to 204 hours and 48 minutes. Furthermore, in February 2018 southern part of the country received sunshine for 28 days, which amounts to 222 hours 42 minutes. Figure below shows daily sunshine (2018 and 2019) and daily average sunshine for the Month of February for southern part of Maldives.



Last February, the maximum wind speed in south was experienced on the 09th at 04:04 hours from *west-south-west* at a speed of 32 mph. However, the maximum wind speed in southern atolls in February 2018 was recorded on the 04th at 21:10 hours at a speed of 30 mph from *north-west*. Figure below shows daily maximum wind speed (2018 and 2019) and daily average maximum wind speed for the Month of February for southern part of Maldives.



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



This is the wind rose for Gan based on hourly wind data of the month February 2019. This rose shows that the winds at Gan during the period blow from the *north* and *east* much of the time. In fact, the spokes in the directions *north-east* and *east-north-east* comprise about 26% of all hourly wind directions. This also shows that the wind rarely blows from other 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
Highest wind recorded was 103.5 Miles from SW on 29 th May 1991
Highest rainfall within 24hrs recorded was 228.4 mm on 24 th November 2015