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“Dhivehin” – Always Maldivian, Forever Independent

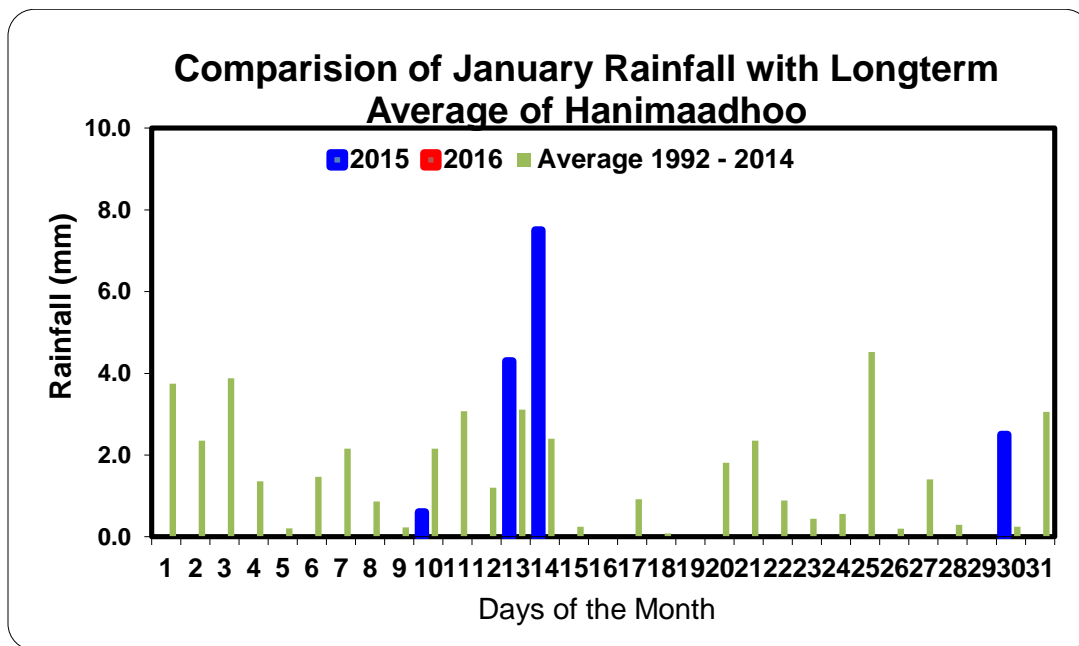
Climate Section
Maldives Meteorological Service
Hulhule

Climate Conditions in January 2016

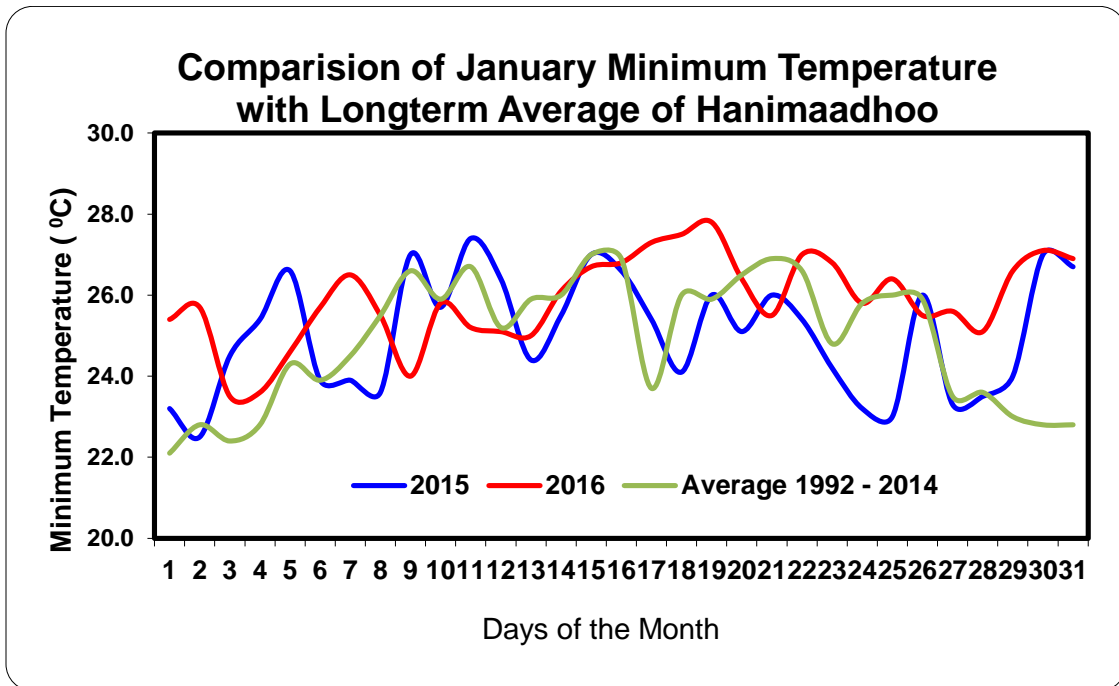
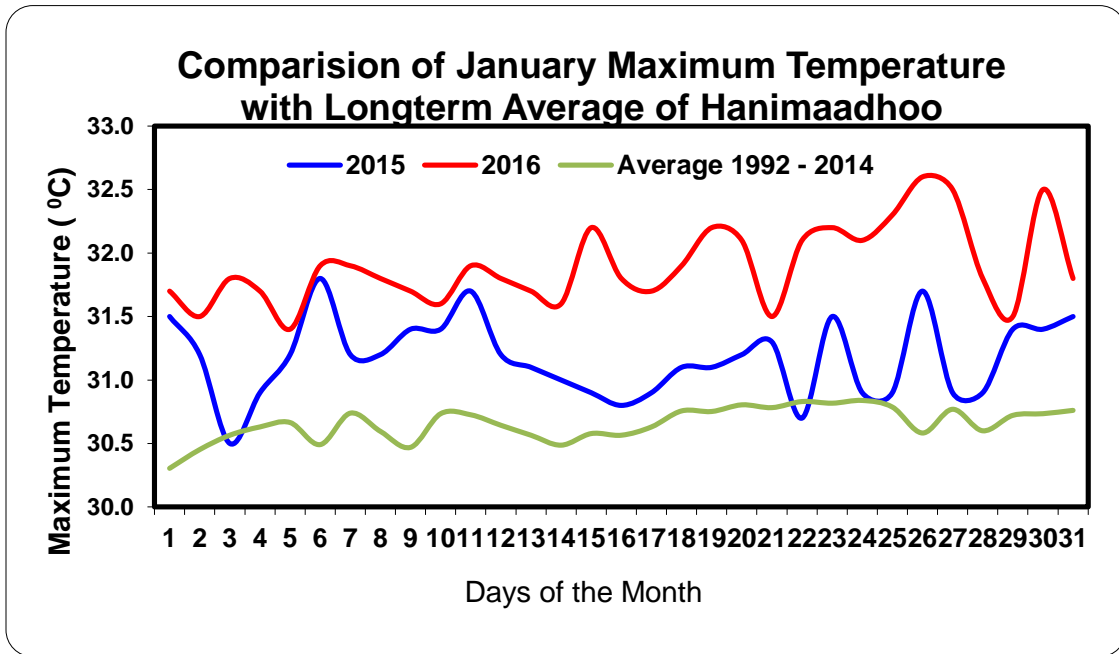
Date: 03rd February 2016

North

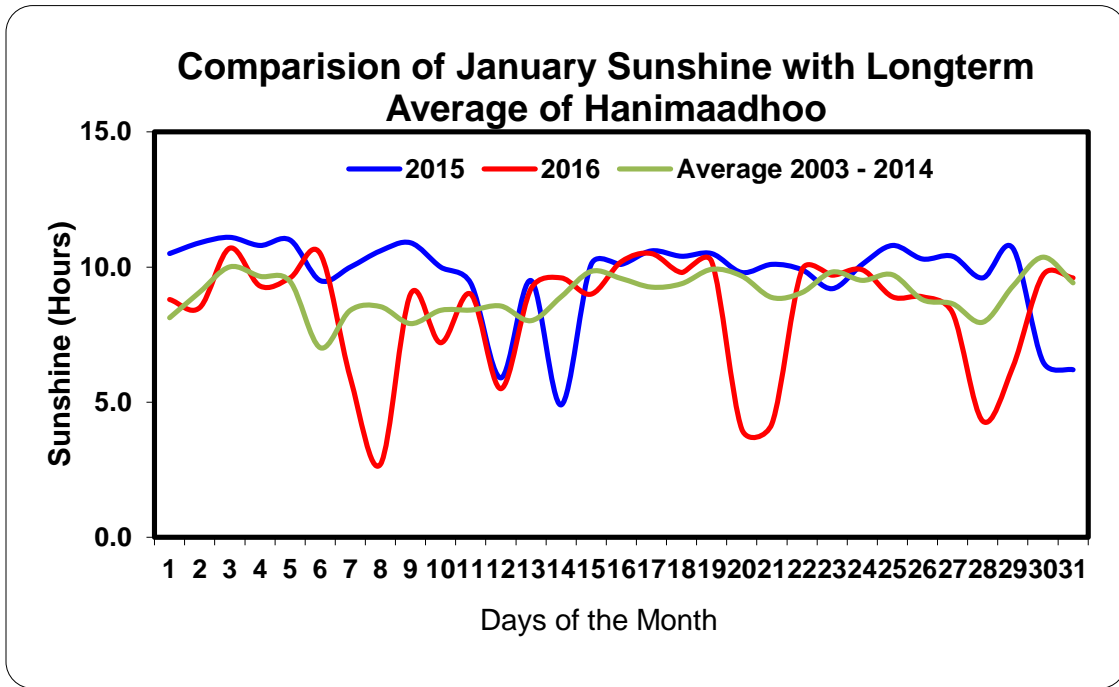
Last January, northern part of the country has no rainfall. The rainfall received in January 2015 was 15 mm more than that of last January. Figure below shows daily total rainfall (2015 and 2016) and daily average rainfall for the Month of January for northern part of Maldives.



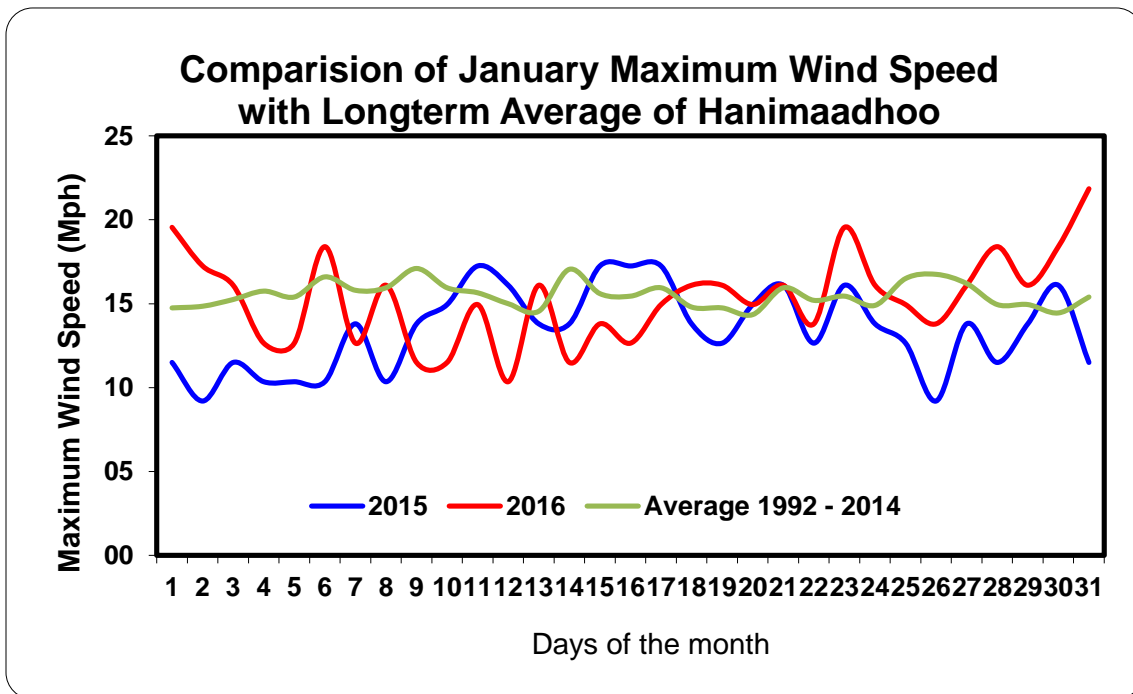
The highest temperature recorded in northern part of the Maldives last January was 33 degree Celsius, which was recorded on 26th. The minimum temperature recorded in the same area for the last month was 24 degree Celsius and was recorded on 03rd of January. However, the highest temperature recorded in January 2015 in northern part of the country was 32 degree Celsius, which was recorded on the 06th. Furthermore, the minimum temperature recorded in northern part in January 2015 was 23 degree Celsius, recorded on the 02nd. Figure below shows daily maximum and minimum temperature (2015 and 2016) and average maximum and minimum temperature for the Month of January for northern part of Maldives.



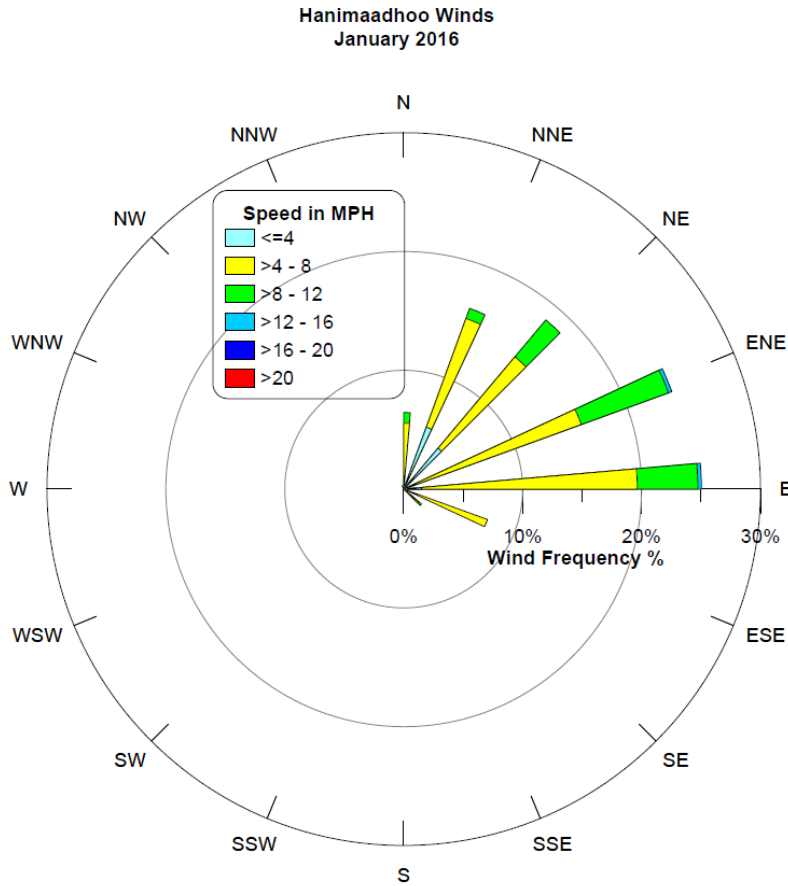
Northern part of the country received sunshine for 31 days last January, which amounts to 258 hours 54 minutes. Furthermore, in January 2015 northern part of the country received sunshine for 31 days, which amounts to 300 hours 18 minutes. Figure below shows daily sunshine (2015 and 2016) and daily average sunshine for the Month of January for northern part of Maldives.



Last January, the maximum wind speed in the northern part was experienced on the 19th at 20:46 hours from *east* at a speed of 22 mph. Furthermore, the maximum wind speed in the northern part in January 2015 was recorded on 11th at 13:01 hours from *northwest*, 15th at 06:14 hours, 16th at 10:30 hours and 17th at 12:44 hours at a speed of 17 mph. Figure below shows daily maximum wind speed (2015 and 2016) and daily average maximum wind speed for the Month of January for northern part of Maldives.



Below is wind frequency chart (Wind rose) of Hanimaadhoo for January 2016.



This is the wind rose for Hanimaadhoo based on hourly wind data of the month January 2016. 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 th April 1998

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

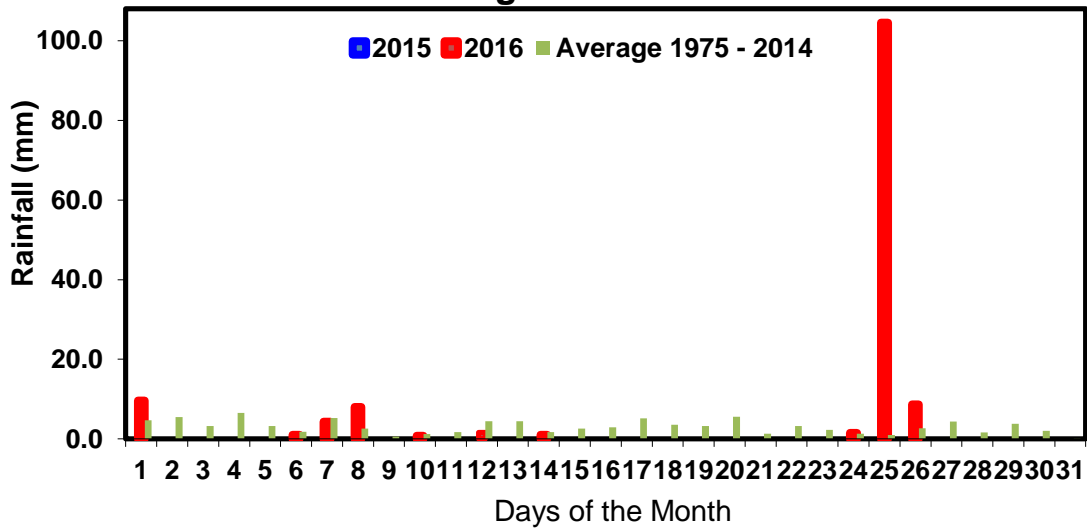
Highest wind recorded was 87.4 Miles from NNW on 03 rd January 1991
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Highest rainfall within 24hrs recorded was 146.9 mm on 26 th May 2008
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Central part

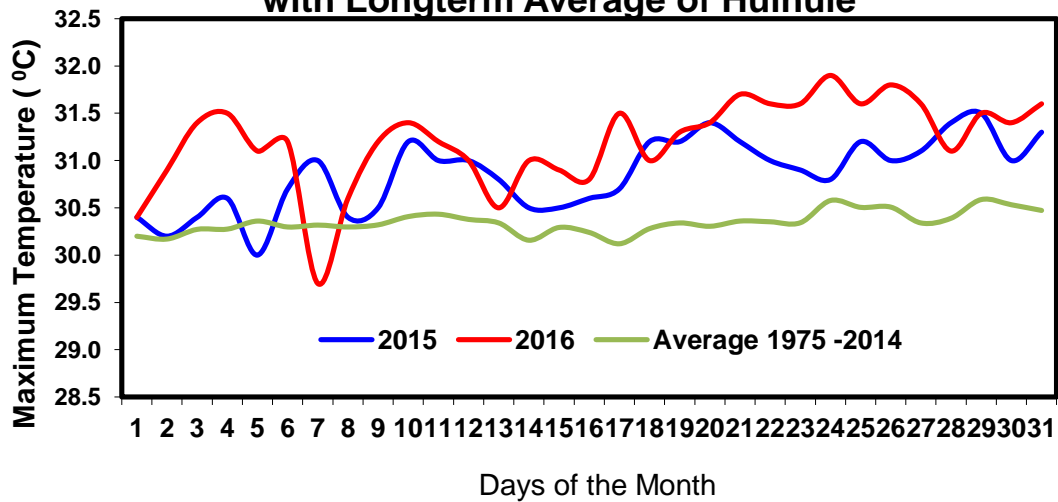
Last January, central part of the country received a total rainfall of 141 mm. The highest rainfall within 24 hours was recorded on the 25th and amounts to 105 mm of rainfall. There is no rainfall received in January 2015. Figure below shows daily total rainfall (2015 and 2016) and daily average rainfall for the Month of January for central part of Maldives.

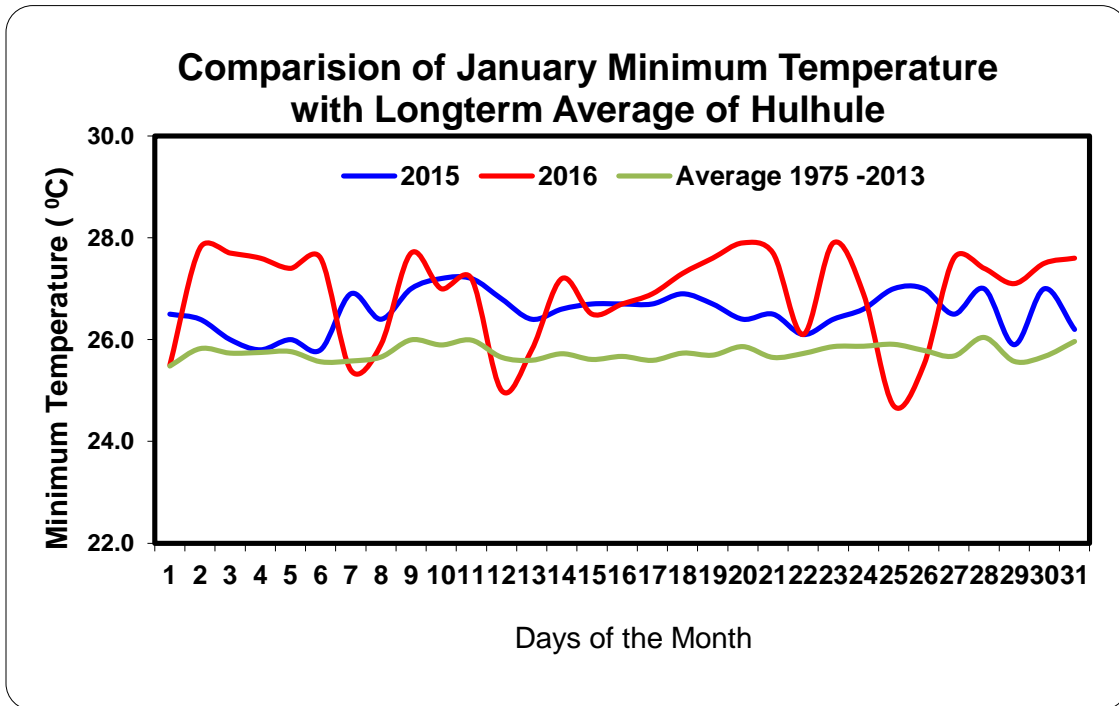
Comparison of January Rainfall with Longterm Average of Hulhule



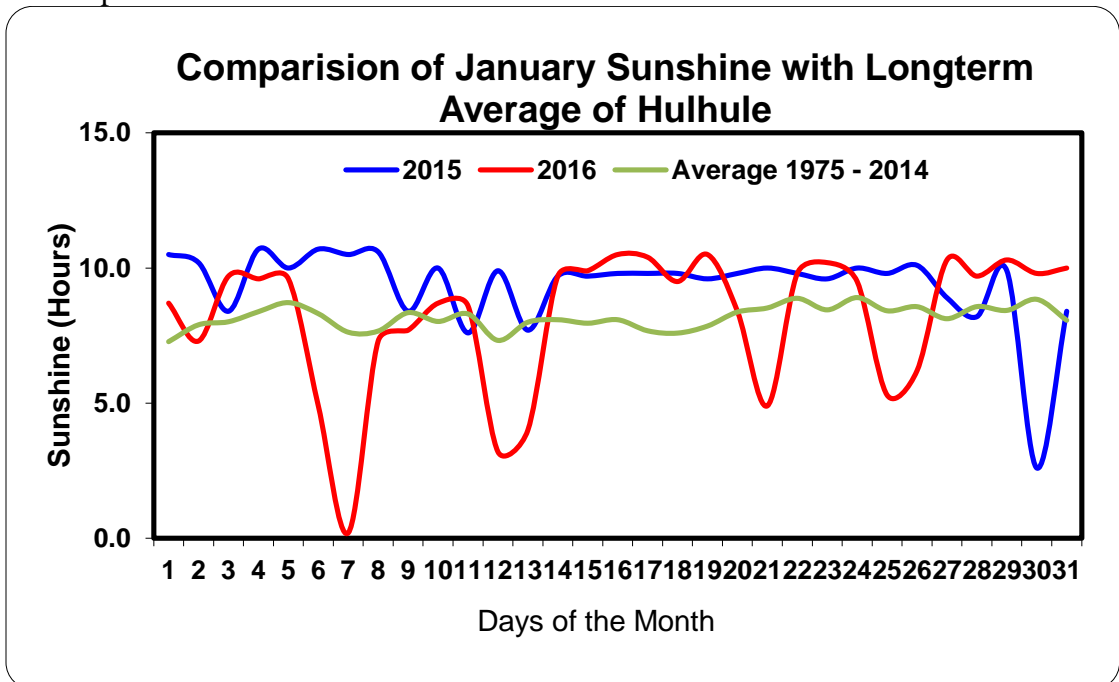
The highest temperature recorded in central part of the Maldives last January was 32 degree Celsius, which was recorded on the 24th. The minimum temperature recorded in the same area for the last month was 25 degree Celsius and was recorded on the 11th and 12th of January. On the other hand, the highest temperature recorded in January 2015 in central part of the country was 32 degree Celsius, which was recorded on the 30th and 31st. Furthermore, the minimum temperature recorded in the central part in January 2015 was 26 degree Celsius, recorded on the 04th and 06th. Figure below shows daily maximum and minimum temperature (2015 and 2016) and average maximum and minimum temperature for the Month of January for central part of Maldives.

Comparison of January Maximum Temperature with Longterm Average of Hulhule



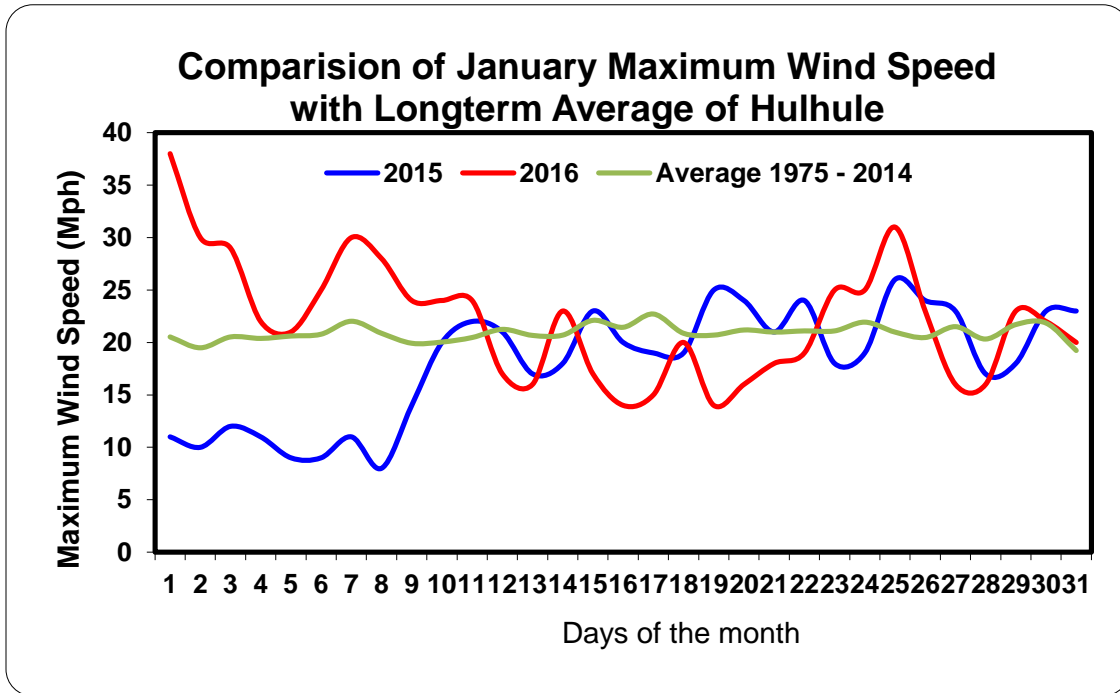


Central part of the country received sunshine for 31 days last January, which amounts to 254 hours 24 minutes. Furthermore, in January 2015 central part of the country received sunshine for 31 days, which amounts to 290 hours 42 minutes. Figure below shows daily sunshine (2015 and 2016) and daily average sunshine for the Month of January for central part of Maldives.

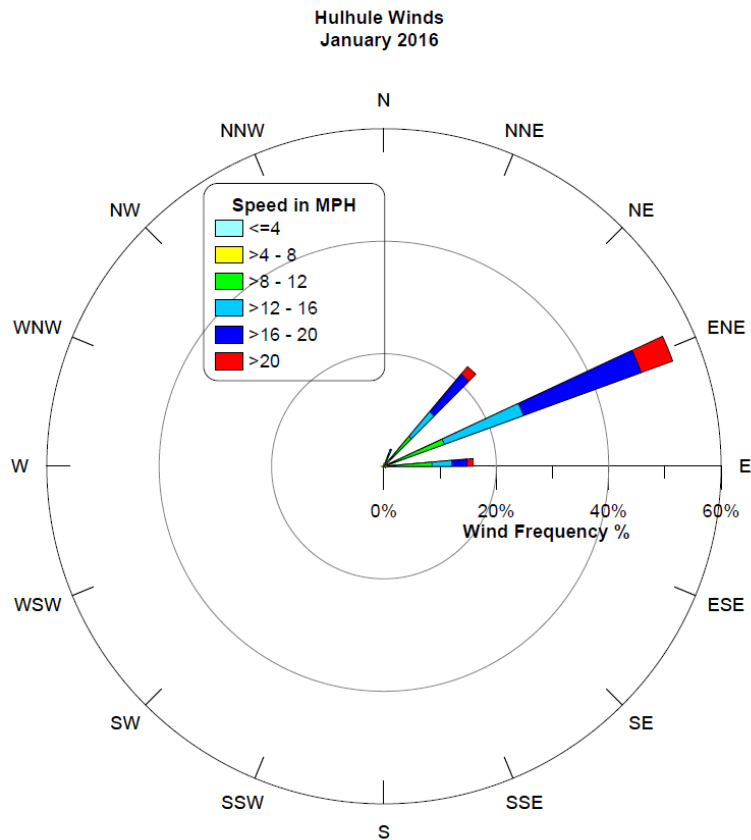


Last January, the maximum wind speed in Central part of the country was experienced on the 01st at 12:35 hours from *east-north-east* at a speed of 44 mph. However, the maximum wind speed in central part in January 2015 was recorded on the 25th at 20:40

hours at a speed of 30 mph from *east-north-east*. Figure below shows daily maximum wind speed (2015 and 2016) and daily average maximum wind speed for the Month of January for central part of Maldives.



Below is wind frequency chart (Wind rose) of Hulhule for January 2016.



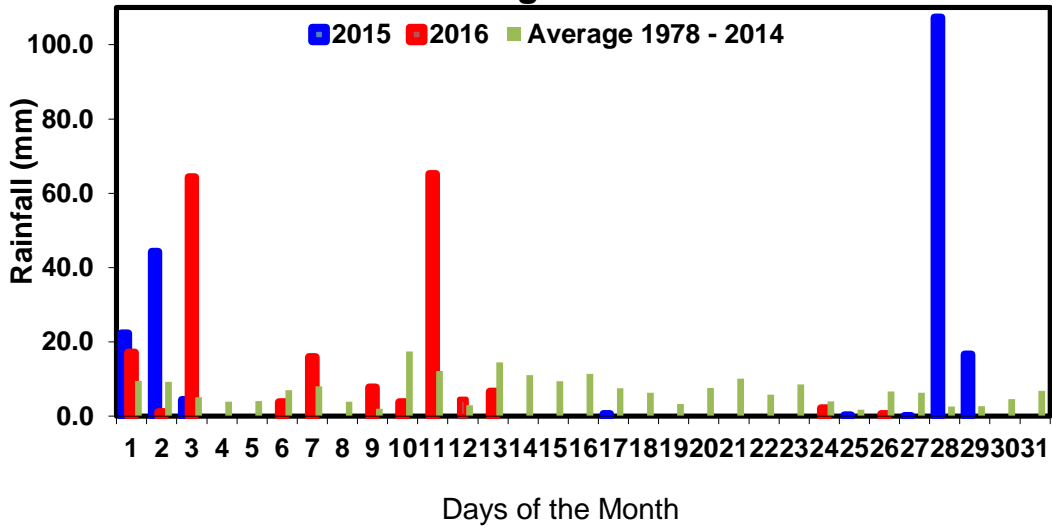
This is the wind rose for Hulhule based on hourly wind data of the month January 2016. This rose shows that the winds at Hulhule during the period blow from the east-north-east much of the time. In fact, the spokes in the directions north-east and east comprise about 35% of all hourly wind directions. This also shows that the wind rarely blows from north-north-east.

Highest maximum temperature recorded was 34.1 °C on 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 200.0 mm on 11 th December 1998

South

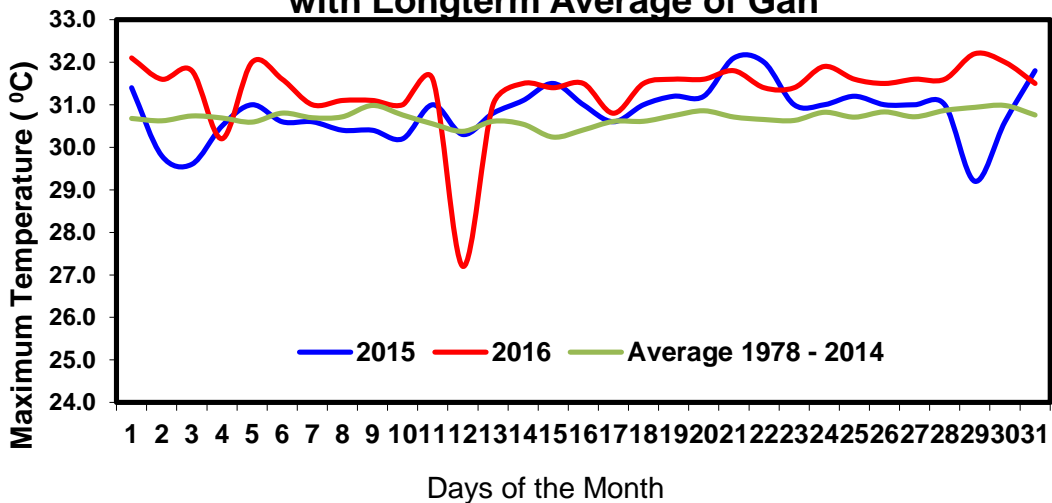
Last January, southern part of the country received a total rainfall of 193 mm. The highest rainfall within 24 hours was recorded on the 11th and amounts to 65 mm of rainfall. The rainfall received in January 2015 was 03 mm more than that of last January. Figure below shows daily total rainfall (2015 and 2016) and daily average rainfall for the Month of January for southern part of Maldives.

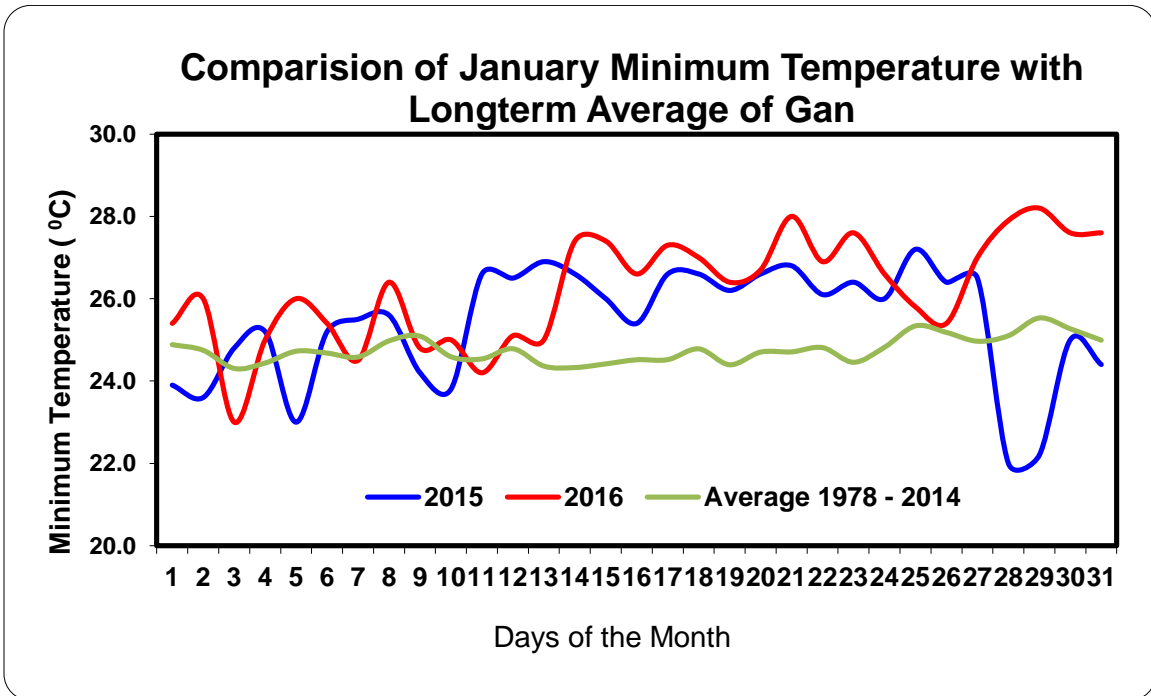
Comparison of January Rainfall with Longterm Average of Gan



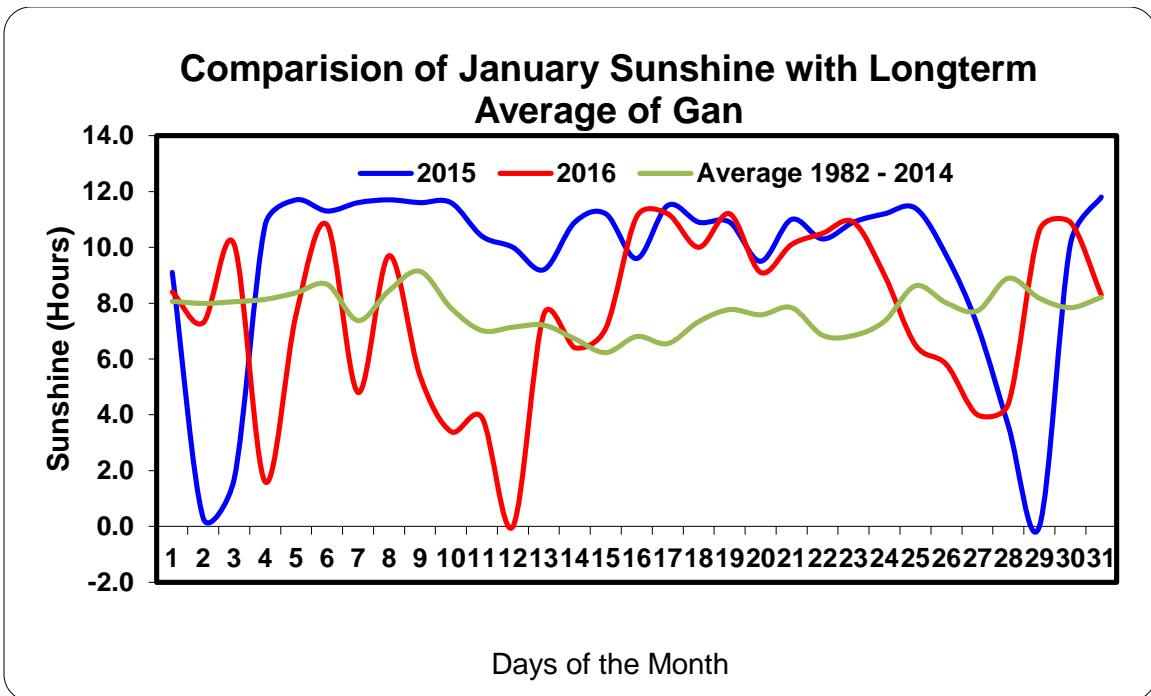
The highest temperature recorded in southern part of the Maldives last January was 32 degree Celsius, which was recorded on the 29th. The minimum temperature recorded in the same area for the last month was 23 degree Celsius and was recorded on the 03rd of January. However, the highest temperature recorded in January 2015 in southern parts of the country was 32 degree Celsius, which was recorded on the 21st. Furthermore, the minimum temperature recorded in south in January 2015 was 22 degree Celsius, recorded on the 28th. Figure below shows daily maximum and minimum temperature (2015 and 2016) and average maximum and minimum temperature for the Month of January for southern part of Maldives.

Comparison of January Maximum Temperature with Longterm Average of Gan

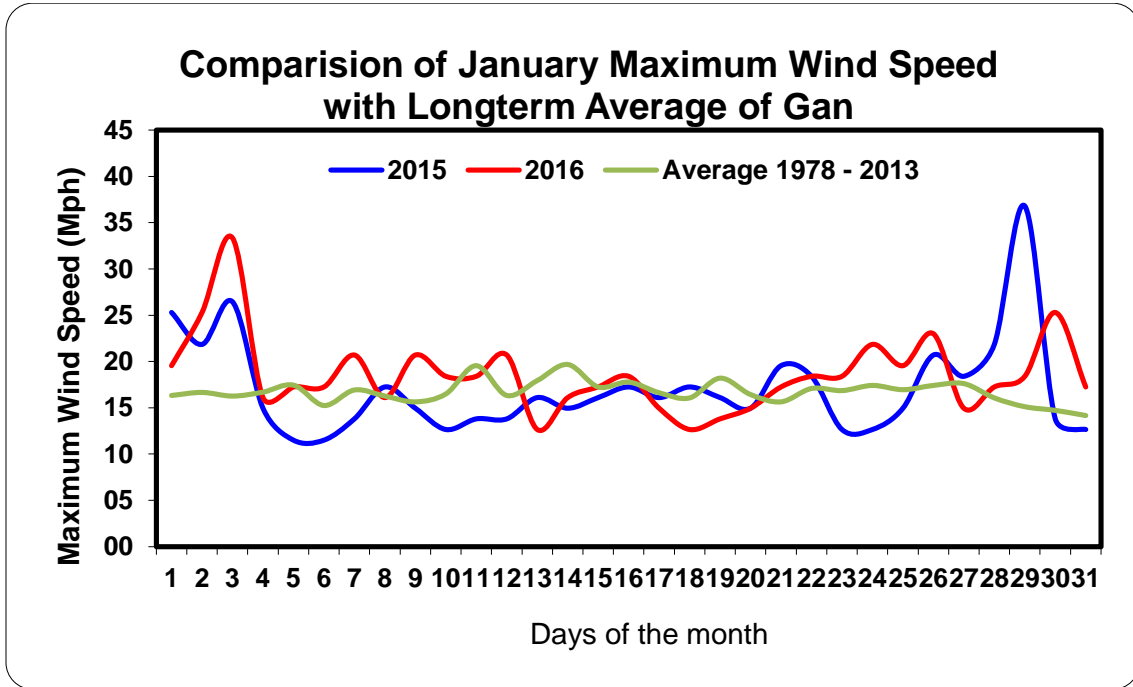




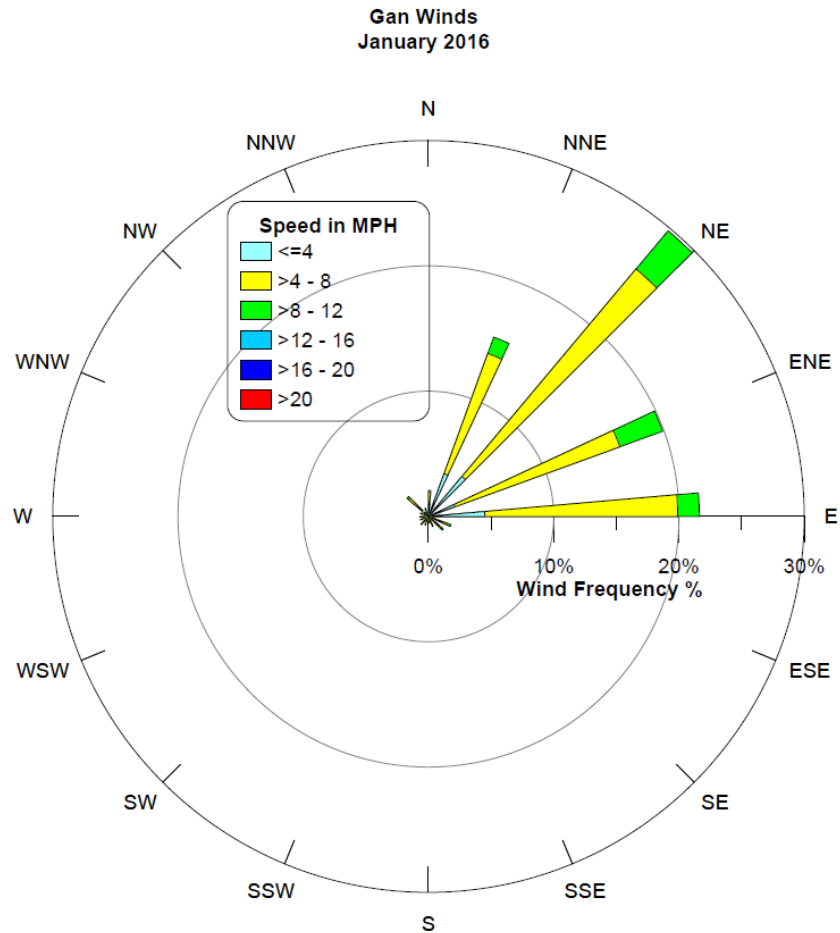
Southern part of the country received sunshine for 30 days last January, which amounts to 237 hours and 42 minutes. Furthermore, in January 2015 southern part of the country received sunshine for 30 days, which amounts to 292 hours 42 minutes. Figure below shows daily sunshine (2015 and 2016) and daily average sunshine for the Month of January for southern part of Maldives.



Last January, the maximum wind speed in south was experienced on the 04th at 02:04 hours from *south-south-west* at a speed of 33 mph. However, the maximum wind speed in southern atolls in January 2015 was recorded on the 29th at 06:21 hours at a speed of 37 mph from *south-west*. Figure below shows daily maximum wind speed (2015 and 2016) and daily average maximum wind speed for the Month of January for southern part of Maldives.



Below is wind frequency chart (Wind rose) of Gan for January 2016.



This is the wind rose for Gan based on hourly wind data of the month January 2016. This rose shows that the winds at Gan during the period blow from the north-east and east much of the time. In fact, the spokes in the directions north-north-east and east-north-east comprise about 35% 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