



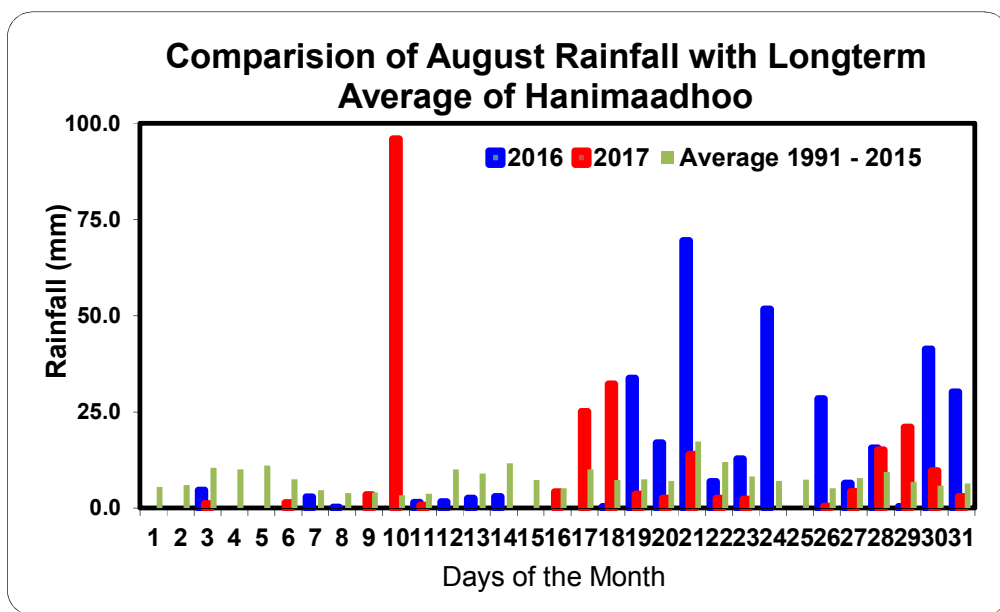
Climate Section
Maldives Meteorological Service
Hulhule

Climate Conditions in August 2017

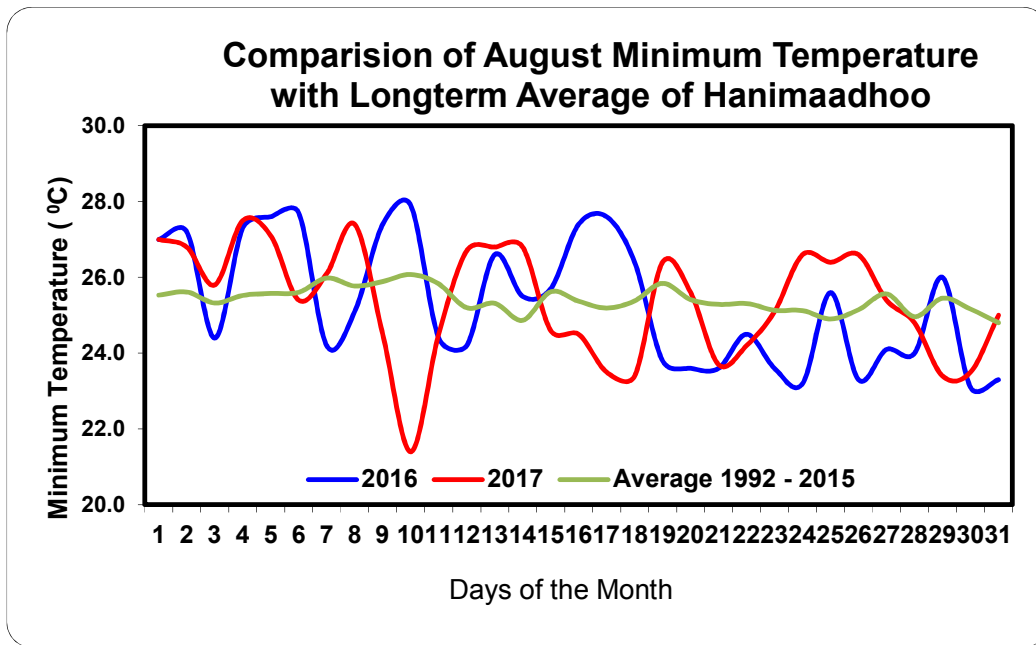
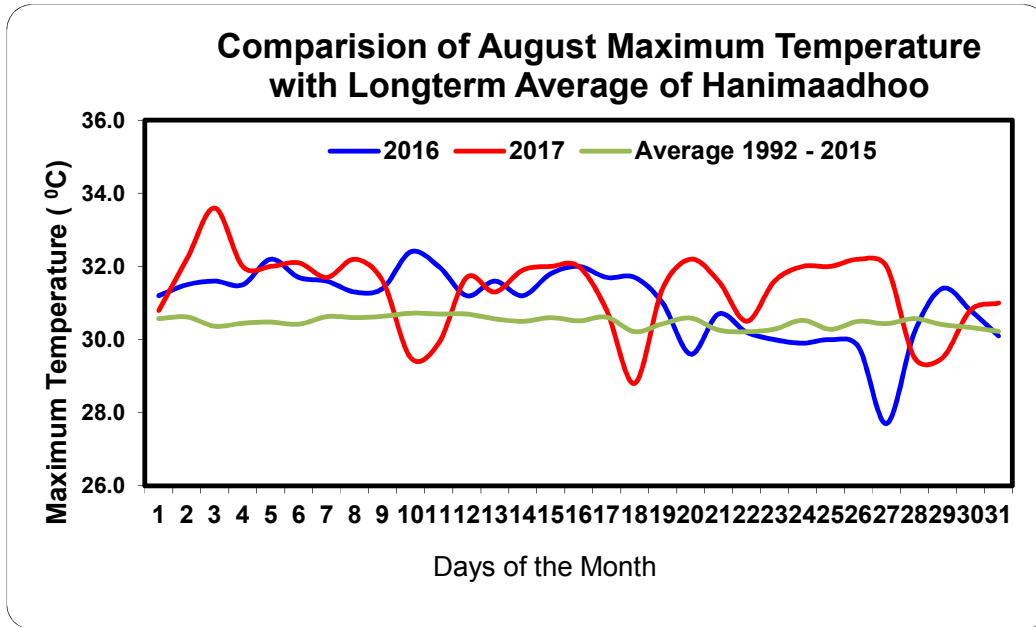
Date: 14th August 2017

North

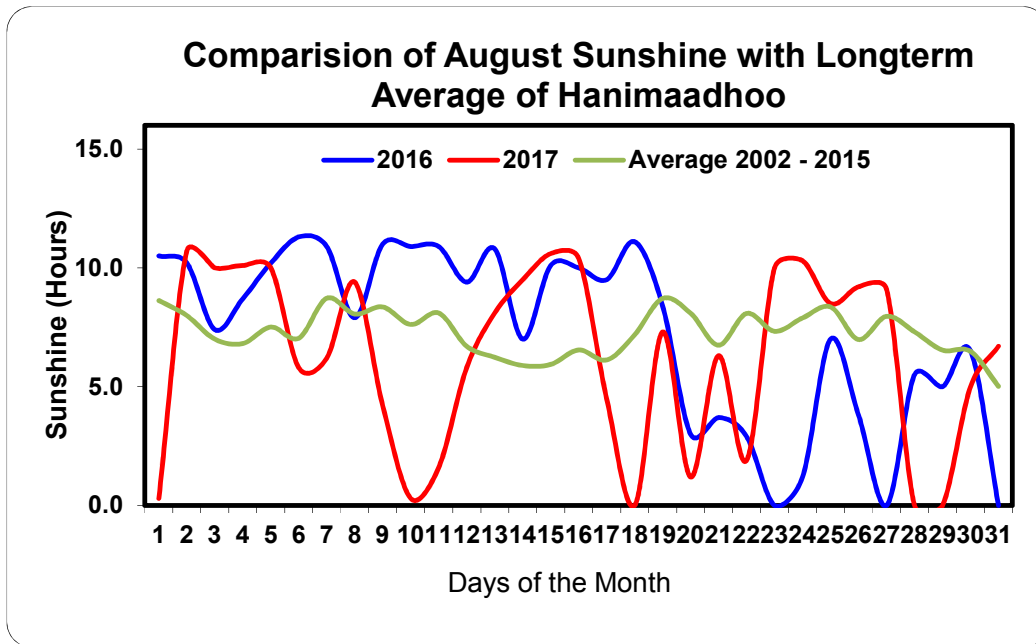
Last August, northern part of the country received a total rainfall of 242 mm. The highest rainfall within 24 hours was recorded on the 10th and amounts to 96 mm of rainfall. The rainfall received in August 2016 was 88 mm more than that of last August. Figure below shows daily total rainfall (2016 and 2017) and daily average rainfall for the Month of August for northern part of Maldives.



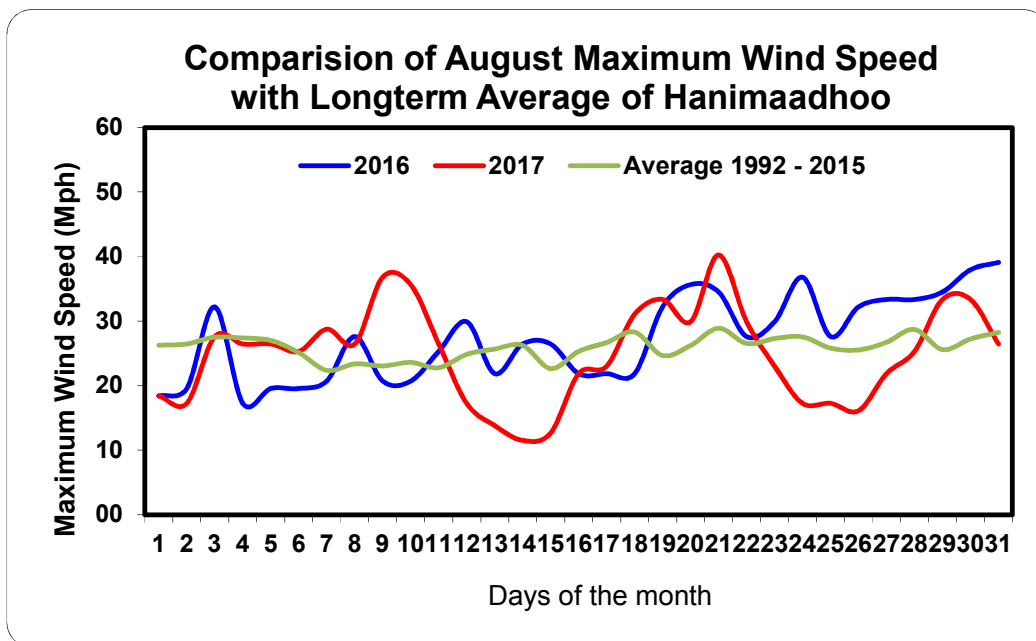
The highest temperature recorded in northern part of the Maldives last August was 34 degree Celsius, which was recorded on 03rd. The minimum temperature recorded in the same area for the last month was 21 degree Celsius and was recorded on 10th of August. However, the highest temperature recorded in August 2016 in northern part of the country was 32 degree Celsius, which was recorded on the 10th. Furthermore, the minimum temperature recorded in northern part in August 2016 was 23 degree Celsius, recorded on the 30th. Figure below shows daily maximum and minimum temperature (2016 and 2017) and average maximum and minimum temperature for the Month of August for northern part of Maldives.



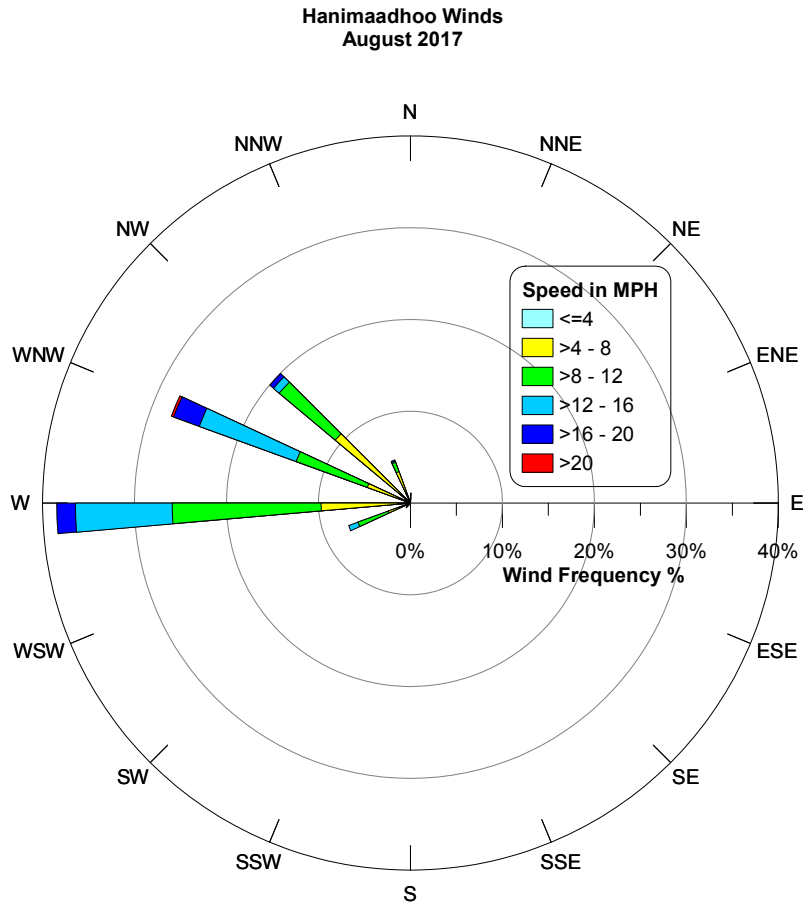
Northern part of the country received sunshine for 28 days last August, which amounts to 193 hours. Furthermore, in August 2016 northern part of the country received sunshine for 28 days, which amounts to 224 hours 48 minutes. Figure below shows daily sunshine (2016 and 2017) and daily average sunshine for the Month of August for northern part of Maldives.



Last August, the maximum wind speed in the northern part was experienced on the 21st at 18:35 hours from *west-north-west* at a speed of 40 mph. Furthermore, the maximum wind speed in the northern part in August 2016 was recorded on 31st at 06:49 hours from *west-north-west* at a speed of 39 mph. Figure below shows daily maximum wind speed (2016 and 2017) and daily average maximum wind speed for the Month of August for northern part of Maldives.



Below is wind frequency chart (Wind rose) of Hanimaadhoo for August 2017.



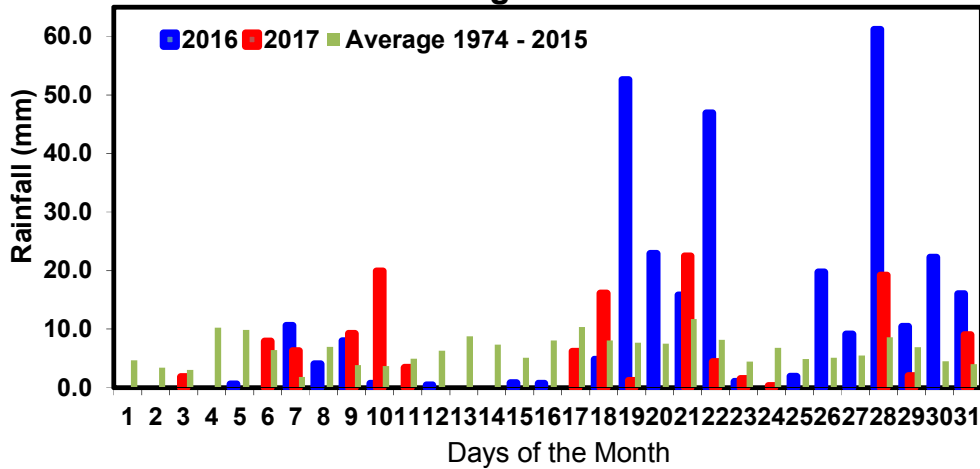
This is the wind rose for Hanimaadhoo based on hourly wind data of the month August 2017. This rose shows that the winds at Hanimaadhoo during the period blow from the *west* much of the time. In fact, the spokes in the directions *west-north-west* and *north-west* comprise about 49% of all hourly wind directions. This also shows that the wind rarely blows from other directions.

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| 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 |

Central part

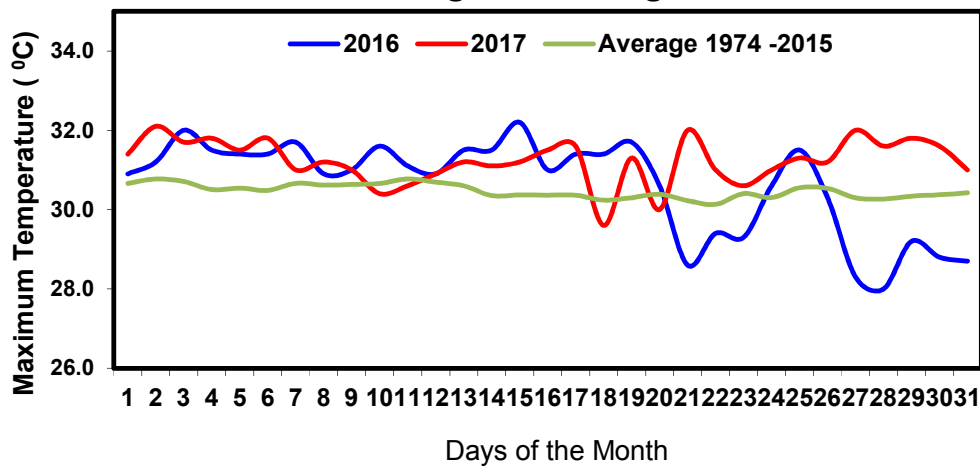
Last August, central part of the country received a total rainfall of 131 mm. The highest rainfall within 24 hours was recorded on the 21st and amounts to 23 mm of rainfall. The rainfall received in August 2016 was 179 mm more than that of last August. Figure below shows daily total rainfall (2016 and 2017) and daily average rainfall for the Month of August for central part of Maldives.

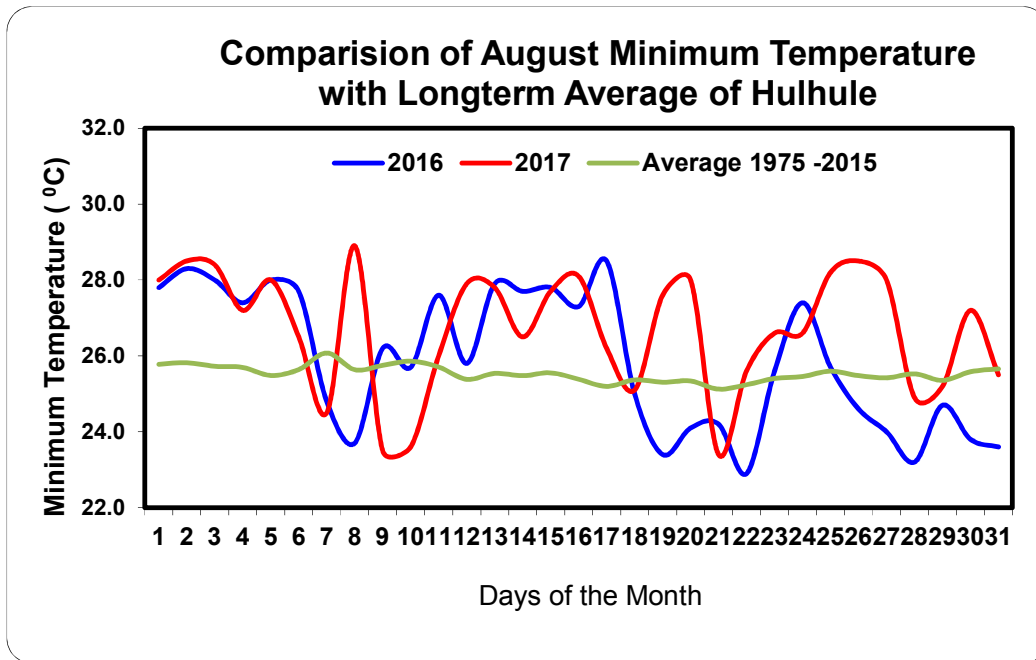
Comparison of August Rainfall with Longterm Average of Hulhule



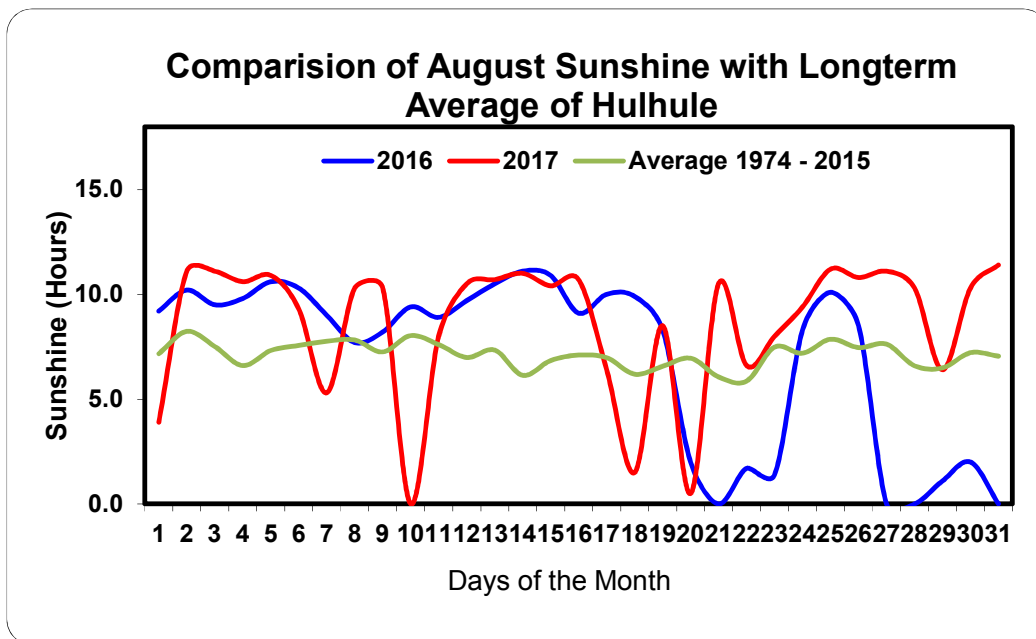
The highest temperature recorded in central part of the Maldives last August was 32 degree Celsius, which was recorded on the 02nd. The minimum temperature recorded in the same area for the last month was 23 degree Celsius and was recorded on the 21st of August. On the other hand, the highest temperature recorded in August 2016 in central part of the country was 32 degree Celsius, which was recorded on the 15th. Furthermore, the minimum temperature recorded in the central part in August 2016 was 23 degree Celsius, recorded on the 22nd. Figure below shows daily maximum and minimum temperature (2016 and 2017) and average maximum and minimum temperature for the Month of August for central part of Maldives.

Comparison of August Maximum Temperature with Longterm Average of Hulhule

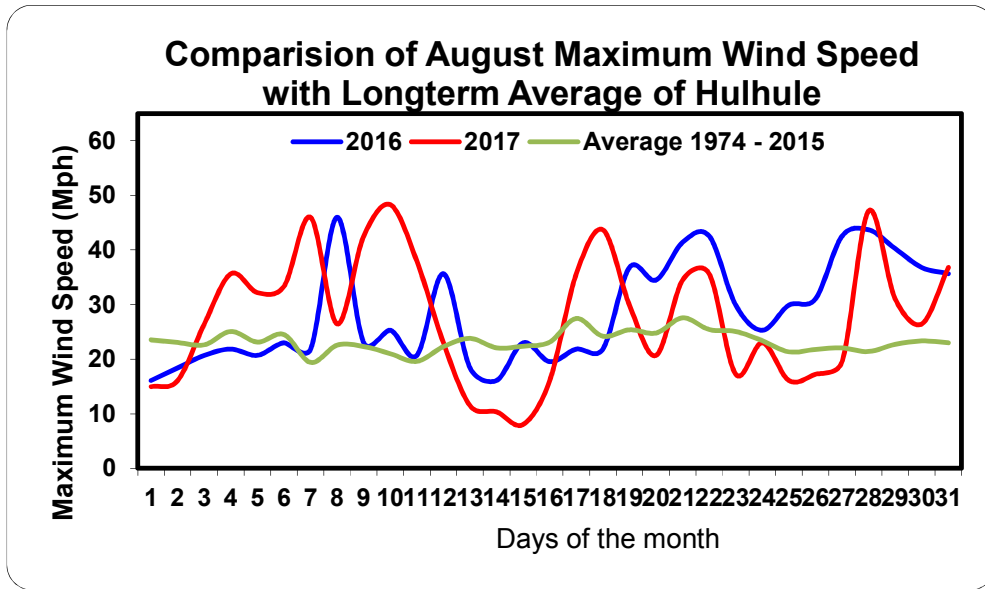




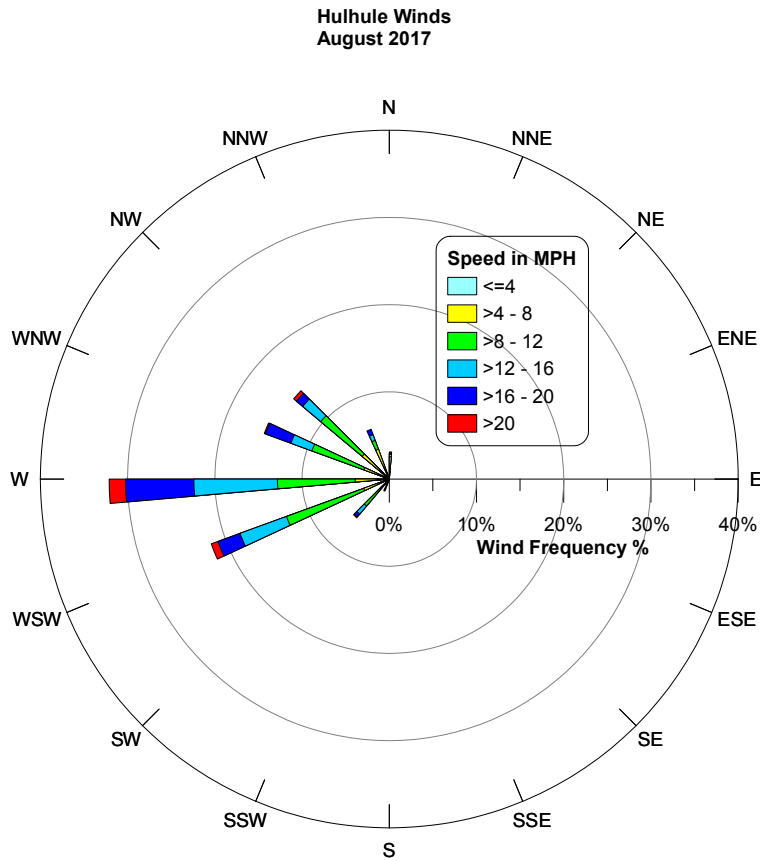
Central part of the country received sunshine for 30 days last August, which amounts to 267 hours. Furthermore, in August 2016 central part of the country received sunshine for 27 days, which amounts to 217 hours 24 minutes. Figure below shows daily sunshine (2016 and 2017) and daily average sunshine for the Month of August for central part of Maldives.



Last August, the maximum wind speed in Central part of the country was experienced on the 10th at 05:20 hours from *west* at a speed of 48 mph. However, the maximum wind speed in central part in August 2016 was recorded on the 08th at 18:19 hours at a speed of 46 mph from *west*. Figure below shows daily maximum wind speed (2016 and 2017) and daily average maximum wind speed for the Month of August for central part of Maldives.



Below is wind frequency chart (Wind rose) of Hulhule for August 2017.



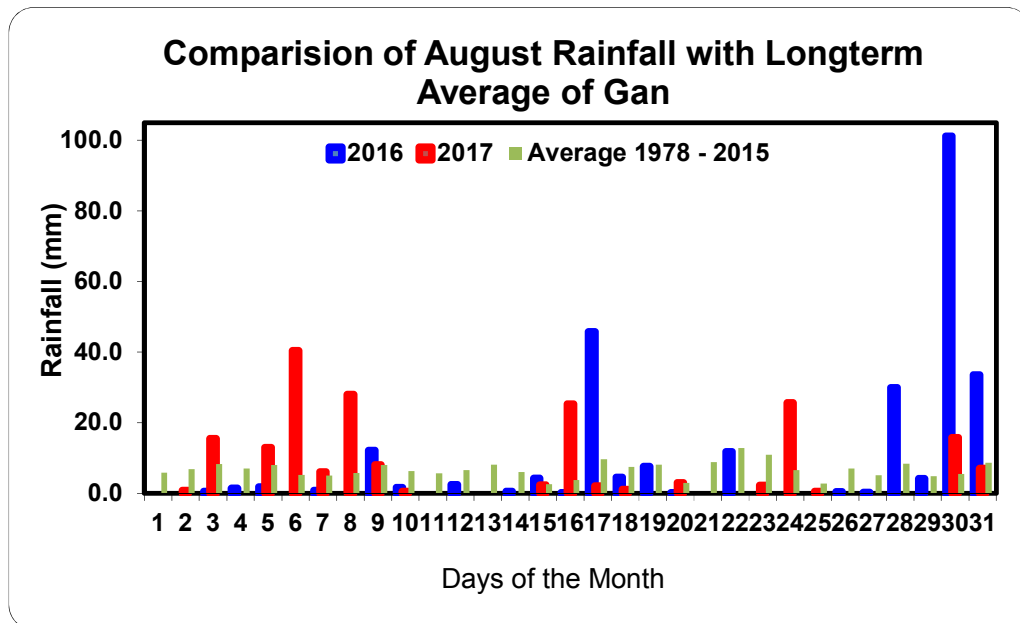
This is the wind rose for Hulhule based on hourly wind data of the month August 2017. This rose shows that the winds at Hulhule during the period blow from the *west-south-west and west* much of the time. In fact, the spokes in the directions *west-north-west*

and north-west comprise about 31% of all hourly wind directions. This also shows that the wind rarely blows from other directions.

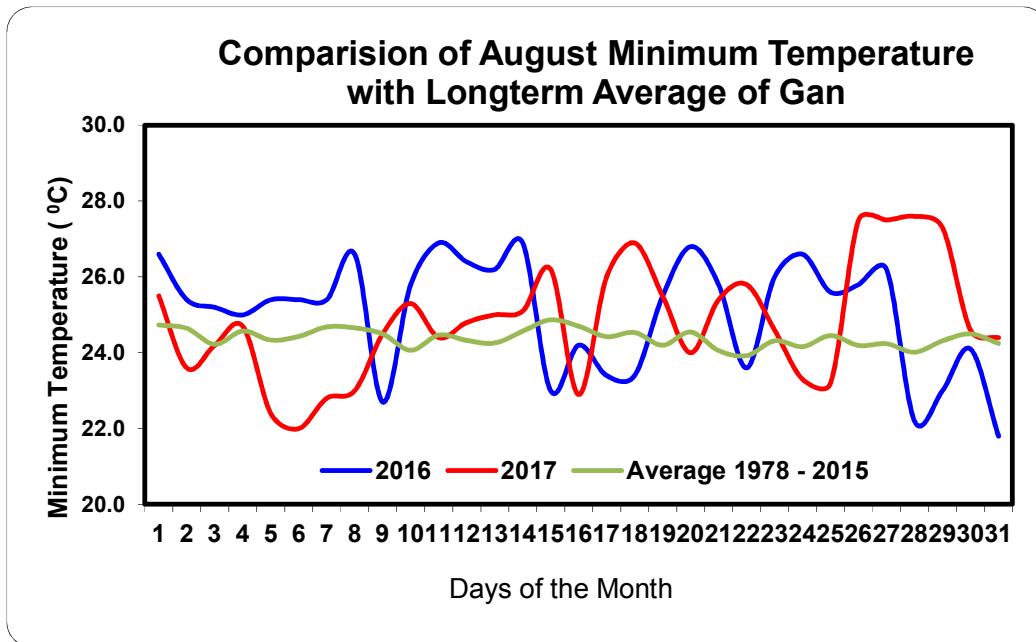
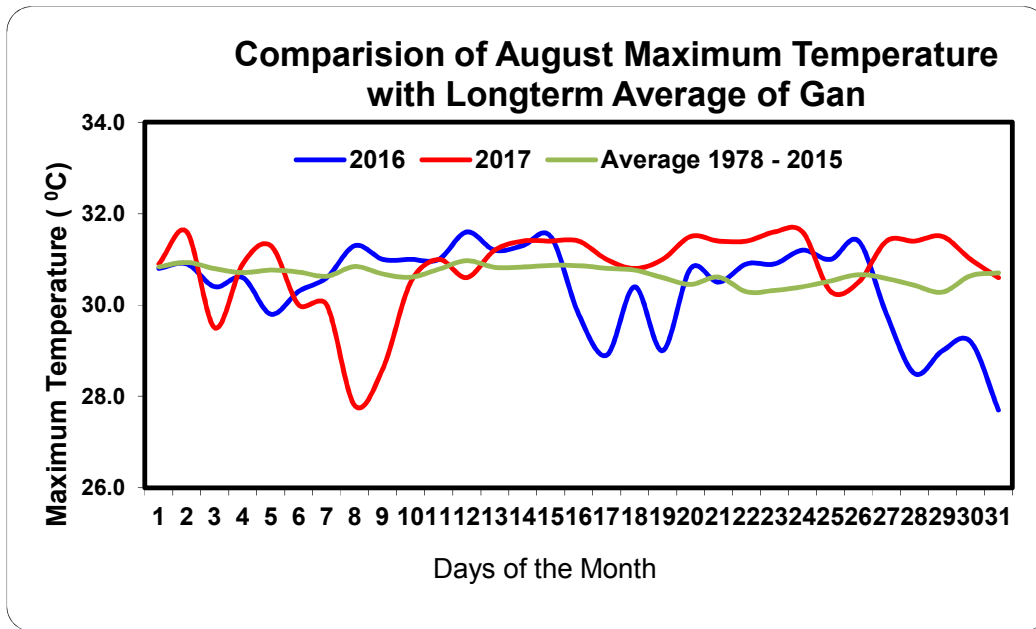
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| Highest maximum temperature recorded was 34.1 °C on 16 th and 28 th April 1973 |
| Lowest minimum temperature recorded was 19.0 °C on 23 rd November 1984 |
| Highest wind recorded was 71.3 Miles from W on 03 rd November 1978 |
| Highest rainfall 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

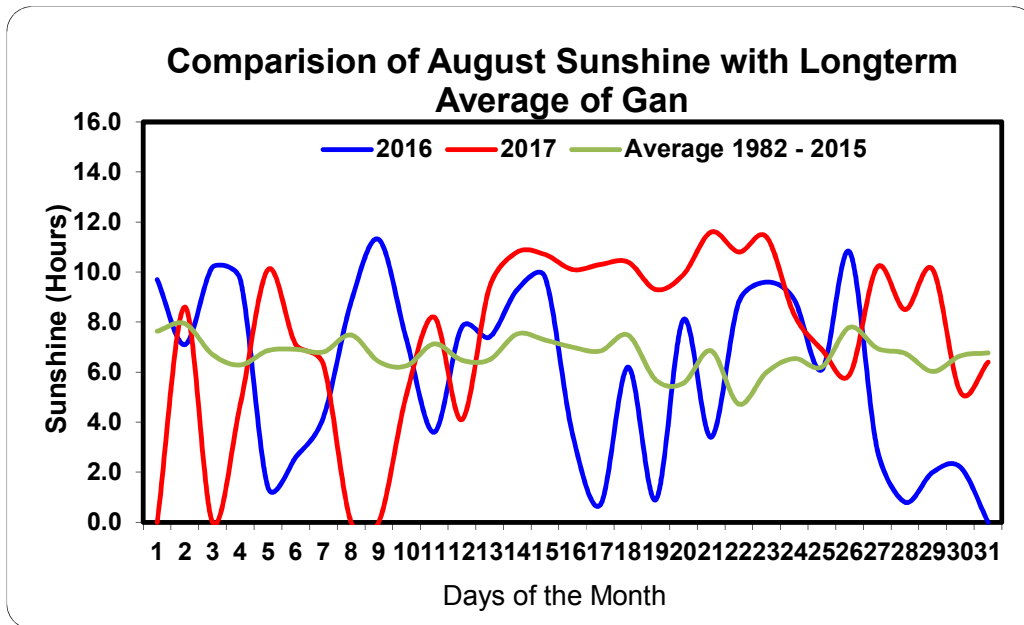
Last August, southern part of the country received a total rainfall of 197 mm. The highest rainfall within 24 hours was recorded on the 06th and amounts to 40 mm of rainfall. The rainfall received in August 2016 was 68 mm more than that of last August. Figure below shows daily total rainfall (2016 and 2017) and daily average rainfall for the Month of August for southern part of Maldives.



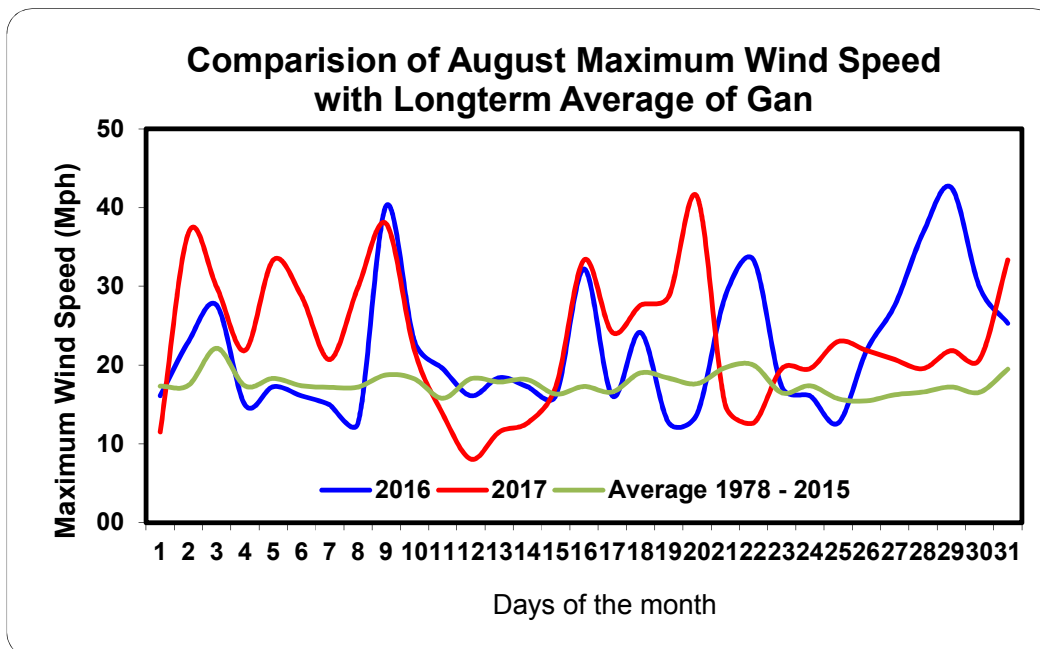
The highest temperature recorded in southern part of the Maldives last August was 32 degree Celsius, which was recorded on the 02nd, 23rd and 24th. The minimum temperature recorded in the same area for the last month was 22 degree Celsius and was recorded on the 06th of August. However, the highest temperature recorded in August 2016 in southern parts of the country was 32 degree Celsius, which was recorded on the 12th. Furthermore, the minimum temperature recorded in south in August 2016 was 22 degree Celsius, recorded on the 31st. Figure below shows daily maximum and minimum temperature (2016 and 2017) and average maximum and minimum temperature for the Month of August for southern part of Maldives.



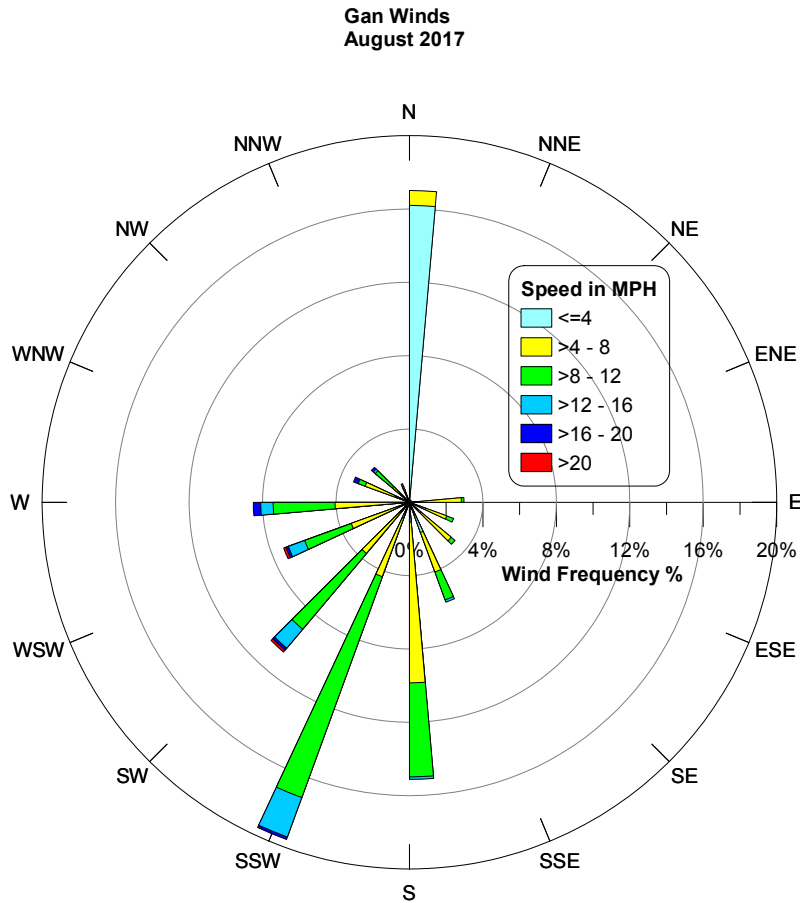
Southern part of the country received sunshine for 27 days last August, which amounts to 230 hours and 24 minutes. Furthermore, in August 2016 southern part of the country received sunshine for 30 days, which amounts to 185 hours 06 minutes. Figure below shows daily sunshine (2016 and 2017) and daily average sunshine for the Month of August for southern part of Maldives.



Last August, the maximum wind speed in south was experienced on the 20th at 18:13 hours from *west-south-west* at a speed of 41 mph. However, the maximum wind speed in southern atolls in August 2016 was recorded on the 29th at 15:35 hours at a speed of 43 mph from *west*. Figure below shows daily maximum wind speed (2016 and 2017) and daily average maximum wind speed for the Month of August for southern part of Maldives.



Below is wind frequency chart (Wind rose) of Gan for August 2017.



This is the wind rose for Gan based on hourly wind data of the month August 2017. This rose shows that the winds at Gan during the period blow from the *north, south and south-south-west* much of the time. In fact, the spokes in the directions *south-south-east, south-west, west-south-west and west* comprise about 32% of all hourly wind directions. This also shows that the wind rarely blows from other directions.

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| Highest maximum temperature recorded was 33.6 °C on 17 th April 1998 |
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| 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 |
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