

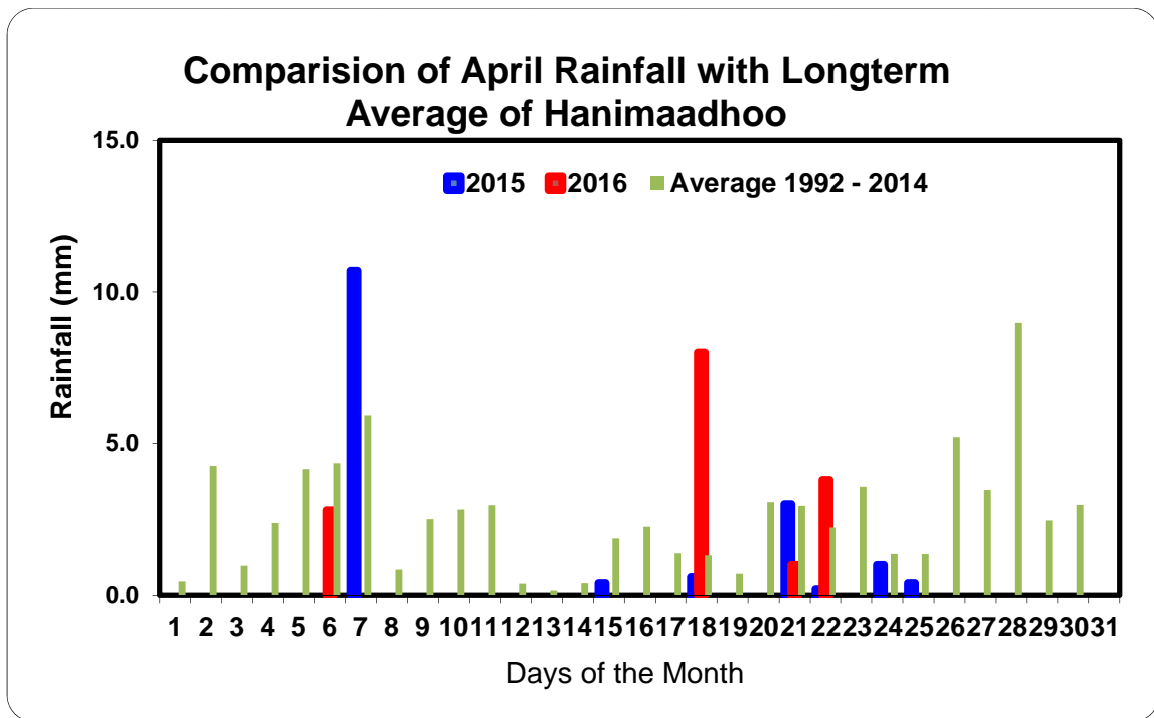


Climate Conditions in April 2016

Date: 04th May 2016

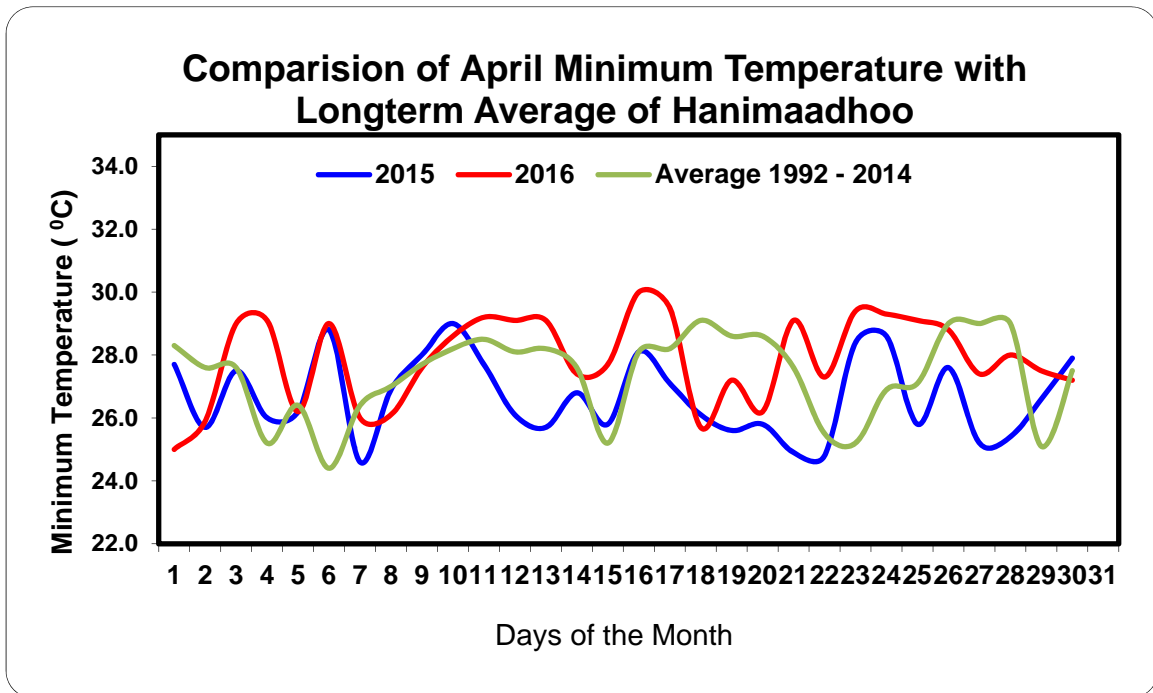
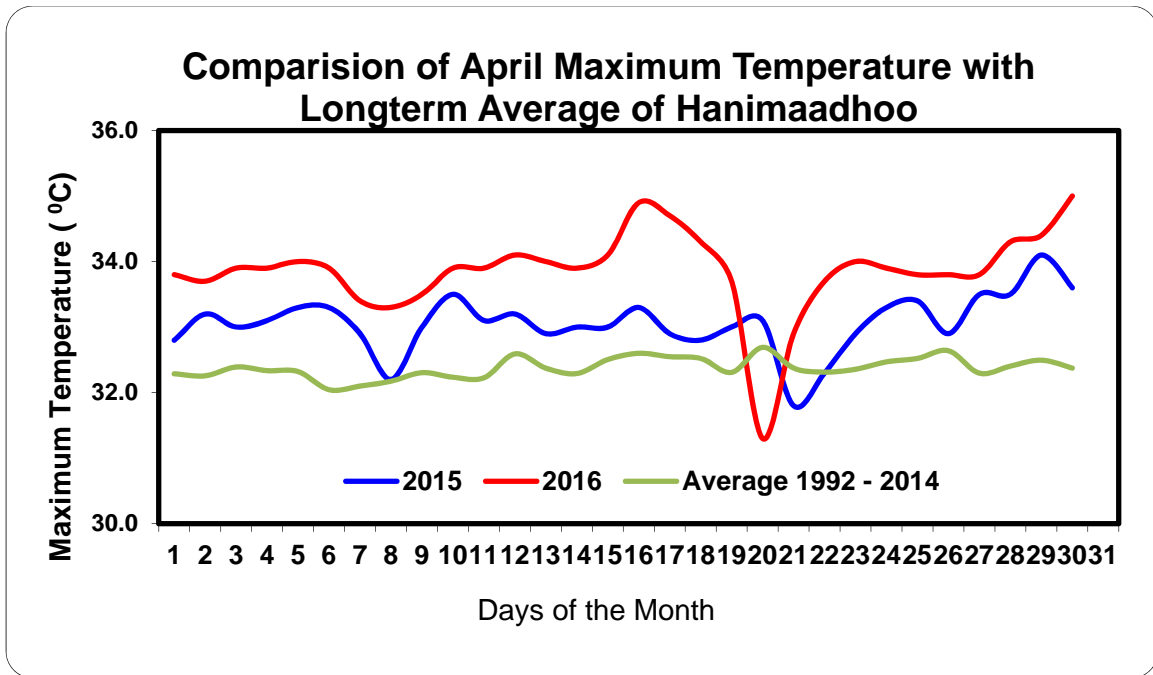
North

April 2016, northern part of the country received a total rainfall of 16 mm. The highest rainfall within 24 hours was recorded on the 18th and amounts to 08 mm of rainfall. The rainfall received in April 2015 was 0.7 mm more than that of April 2016. Figure below shows daily total rainfall (2015 and 2016) and daily average rainfall for the Month of April for northern part of Maldives.

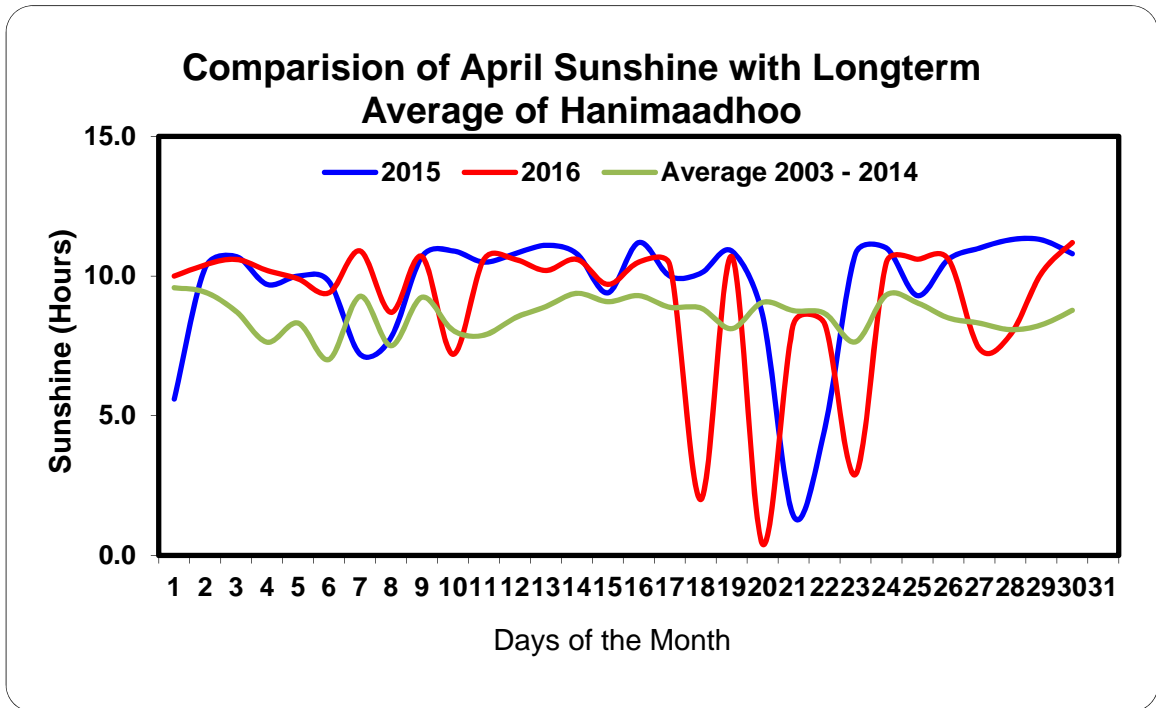


The highest temperature recorded in northern part of the Maldives April 2016 was 35 degree Celsius, which was recorded on 30th. The minimum temperature recorded in the same area for the April 2016 was 25 degree Celsius and was recorded on 01st of April. However, the highest temperature recorded in April 2015 in northern part of the country was 34 degree Celsius, which was recorded on the 29th. Furthermore, the minimum temperature recorded in northern part in April 2015 was 25 degree Celsius, recorded on the 07th. Figure below shows daily maximum and minimum temperature (2015 and 2016)

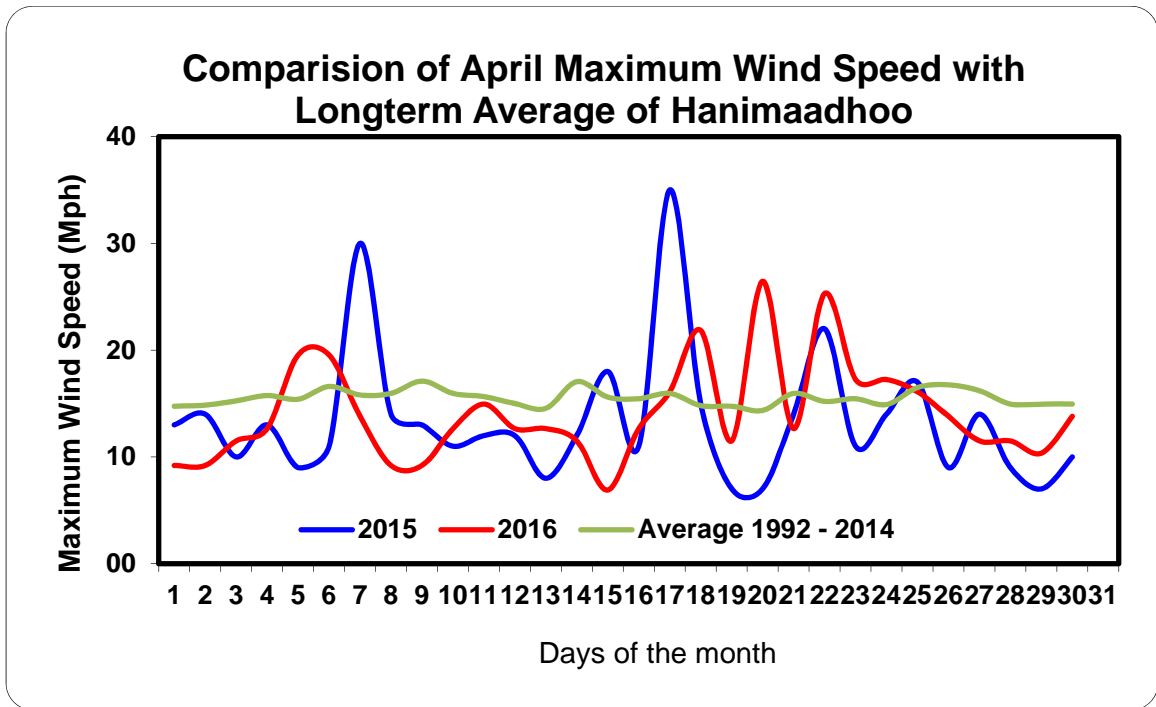
and average maximum and minimum temperature for the Month of April for northern part of Maldives.



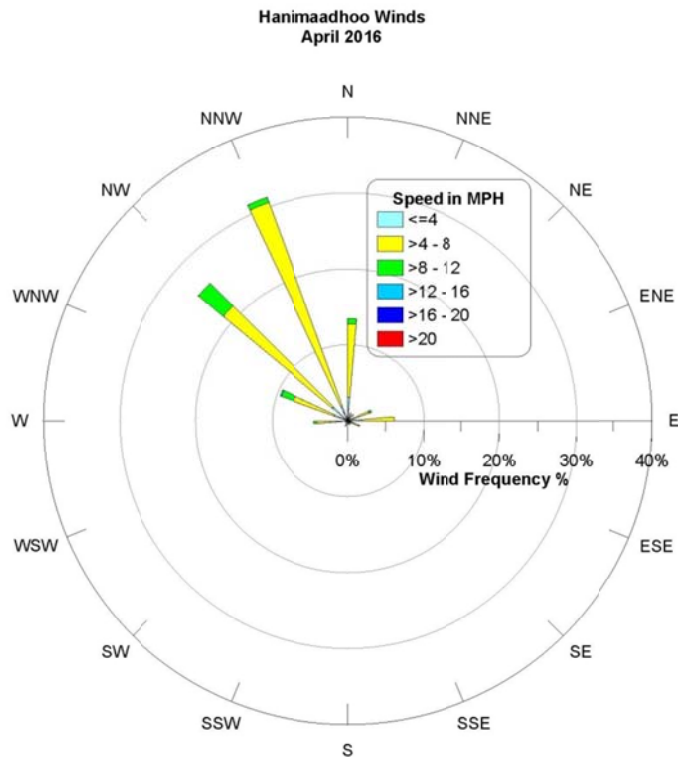
Northern part of the country received sunshine for 30 days last April, which amounts to 271 hours 30 minutes. Furthermore, in April 2015 northern part of the country received sunshine for 30 days, which amounts to 288 hours 06 minutes. Figure below shows daily sunshine (2015 and 2016) and daily average sunshine for the Month of April for northern part of Maldives.



April 2016, the maximum wind speed in the northern part was experienced on the 20th at 10:27 hours from *north-east* at a speed of 26 mph. Furthermore, the maximum wind speed in the northern part in April 2015 was recorded on 17th at 18:06 hours from *west*, at a speed of 40 mph. Figure below shows daily maximum wind speed (2015 and 2016) 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 2016.



This is the wind rose for Hanimaadhoo based on hourly wind data of the month April 2016. This rose shows that the winds at Hanimaadhoo during the period blow from the north-west and north-north-west much of the time. In fact, the spokes in the directions north west-north-west comprise about 25% of all hourly wind directions. This also shows that the wind rarely blows from other 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

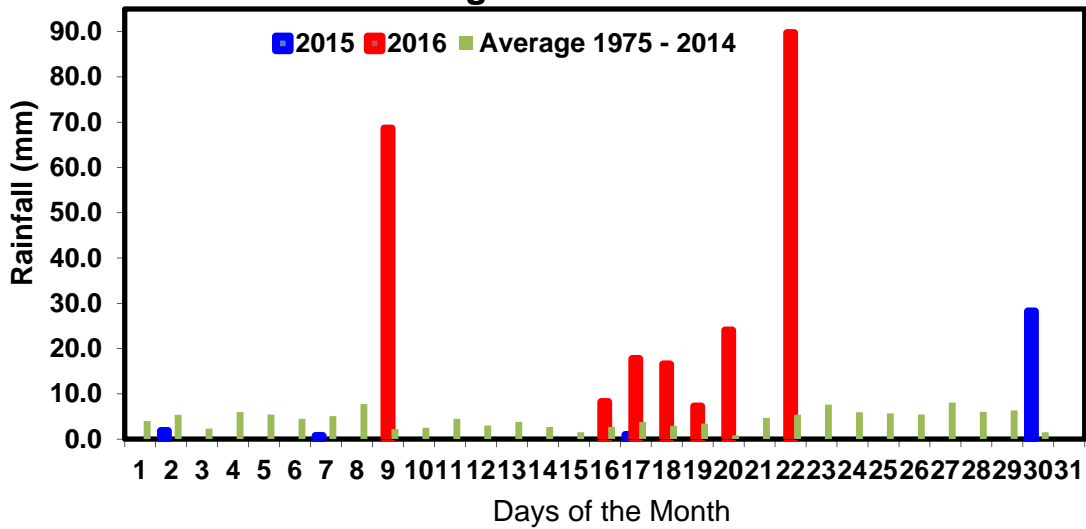
Highest wind recorded was 87.4 Miles from NNW on 03 rd April 1991
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Highest rainfall within 24hrs recorded was 146.9 mm on 26 th May 2008
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Central part

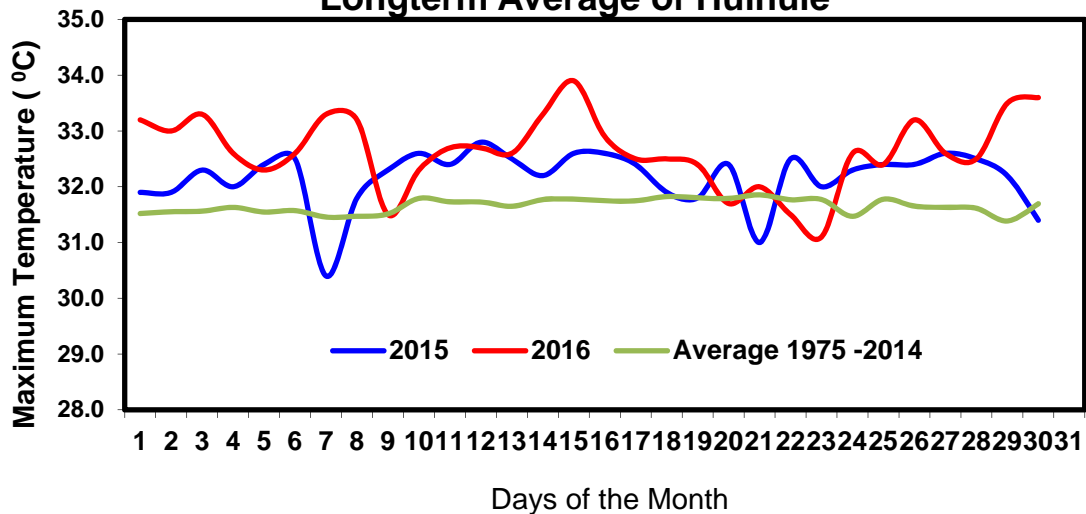
April 2016, central part of the country received a total rainfall of 232 mm. The highest rainfall within 24 hours was recorded on the 22nd and amounts to 90 mm of rainfall. The rainfall received in April 2015 was 200 mm less than that of April 2016. Figure below shows daily total rainfall (2015 and 2016) and daily average rainfall for the Month of April for central part of Maldives.

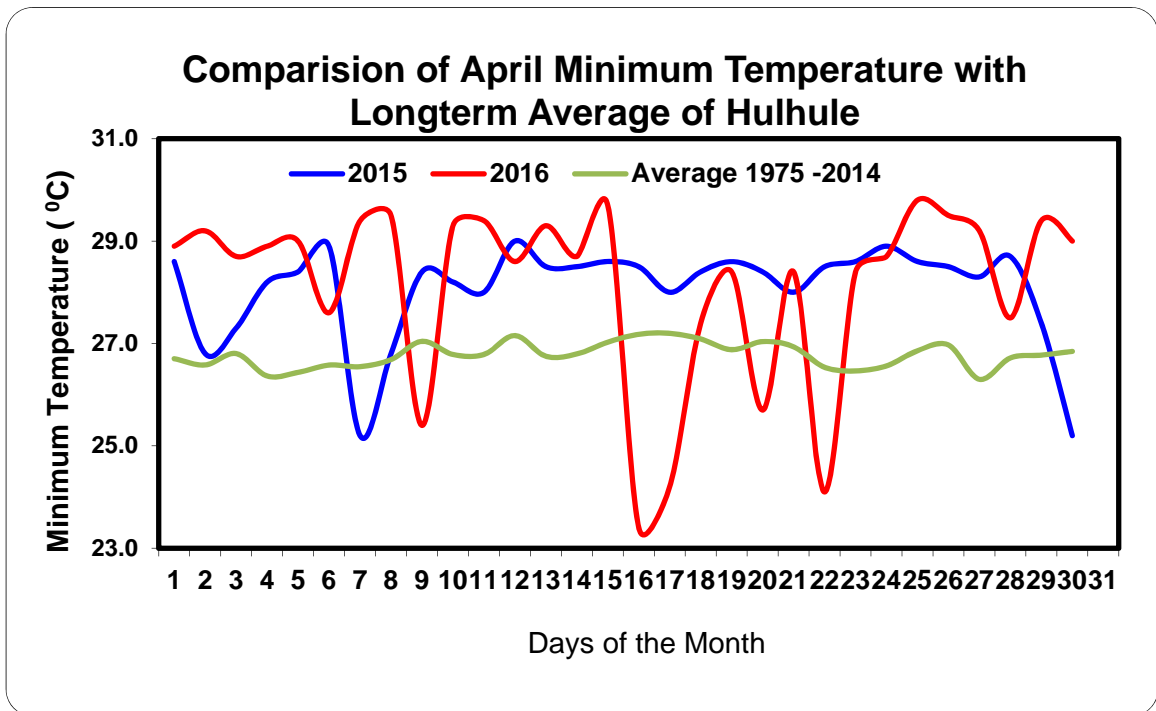
Comparison of April Rainfall with Longterm Average of Hulhule



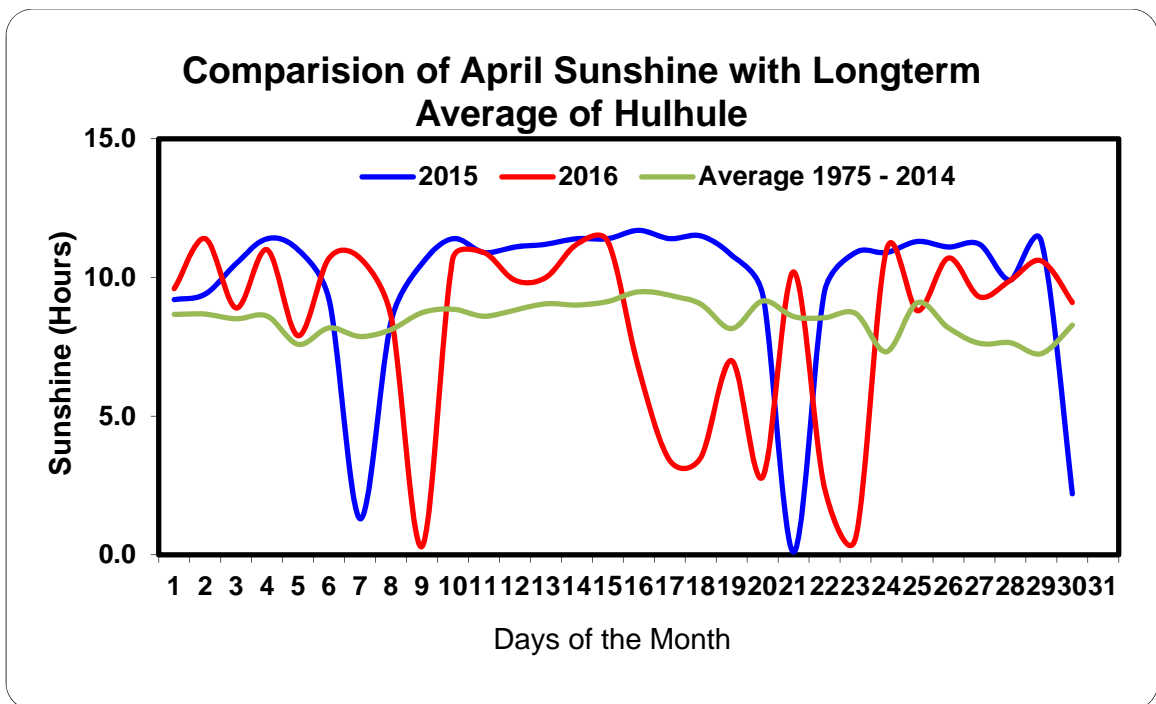
The highest temperature recorded in central part of the Maldives April 2016 was 34 degree Celsius, which was recorded on the 15th. The minimum temperature recorded in the same area for the April 2016 was 23 degree Celsius and was recorded on the 16th of April. On the other hand, the highest temperature recorded in April 2015 in central part of the country was 33 degree Celsius, which was recorded on the 12th. Furthermore, the minimum temperature recorded in the central part in April 2015 was 25 degree Celsius, recorded on the 07th and 30th. Figure below shows daily maximum and minimum temperature (2015 and 2016) 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

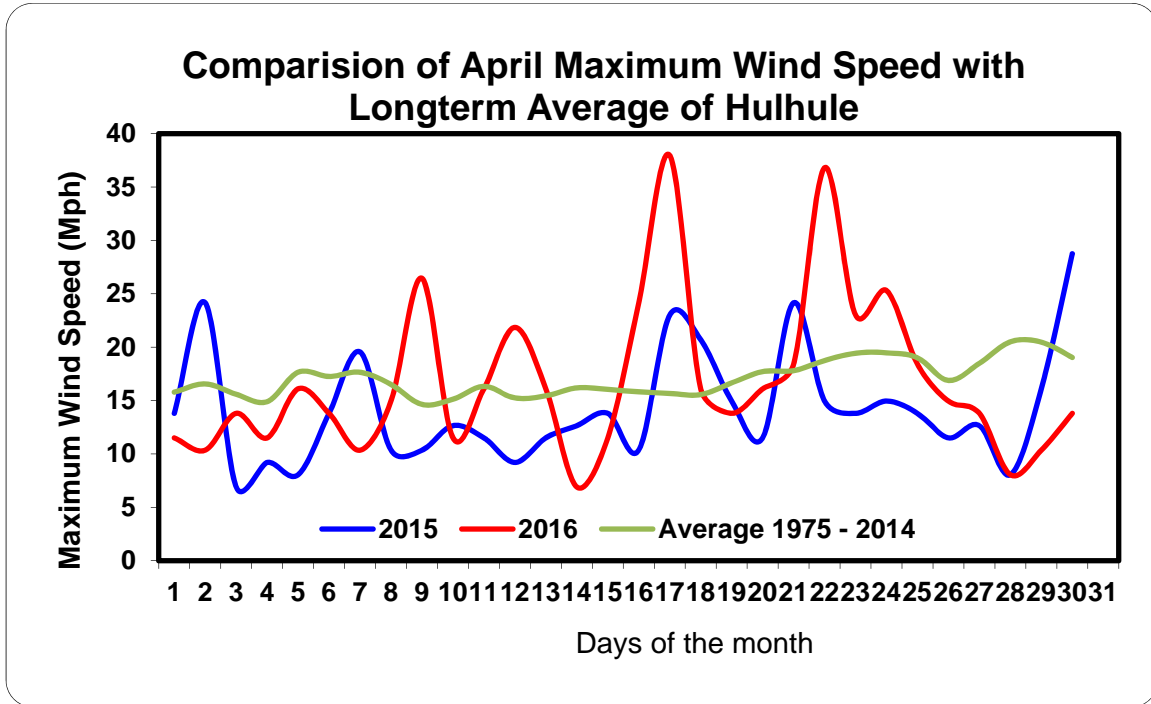




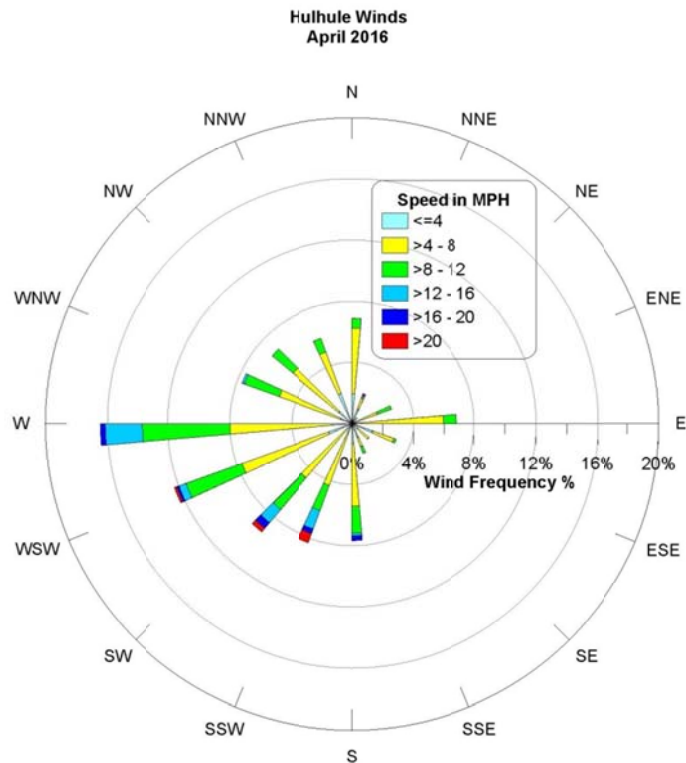
Central part of the country received sunshine for 30 days April 2016, which amounts to 249 hours 06 minutes. Furthermore, in April 2015 central part of the country received sunshine for 30 days, which amounts to 291 hours 30 minutes. Figure below shows daily sunshine (2015 and 2016) and daily average sunshine for the Month of April for central part of Maldives.



April 2016, the maximum wind speed in Central part of the country was experienced on the 18th at 00:40 hours from *north-north-west* at a speed of 38 mph. However, the maximum wind speed in central part in April 2015 was recorded on the 30th at 09:10 hours at a speed of 29 mph from *west*. Figure below shows daily maximum wind speed (2015 and 2016) 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 2016.



This is the wind rose for Hulhule based on hourly wind data of the month April 2016. 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 north, east, south, south-south-west, south-west, west-north-west, north-west and north-north-west comprise about 30% of all hourly wind directions. This also shows that the wind rarely blows from other directions.

Highest maximum temperature recorded was 34.1 °C on 28 th April 1973

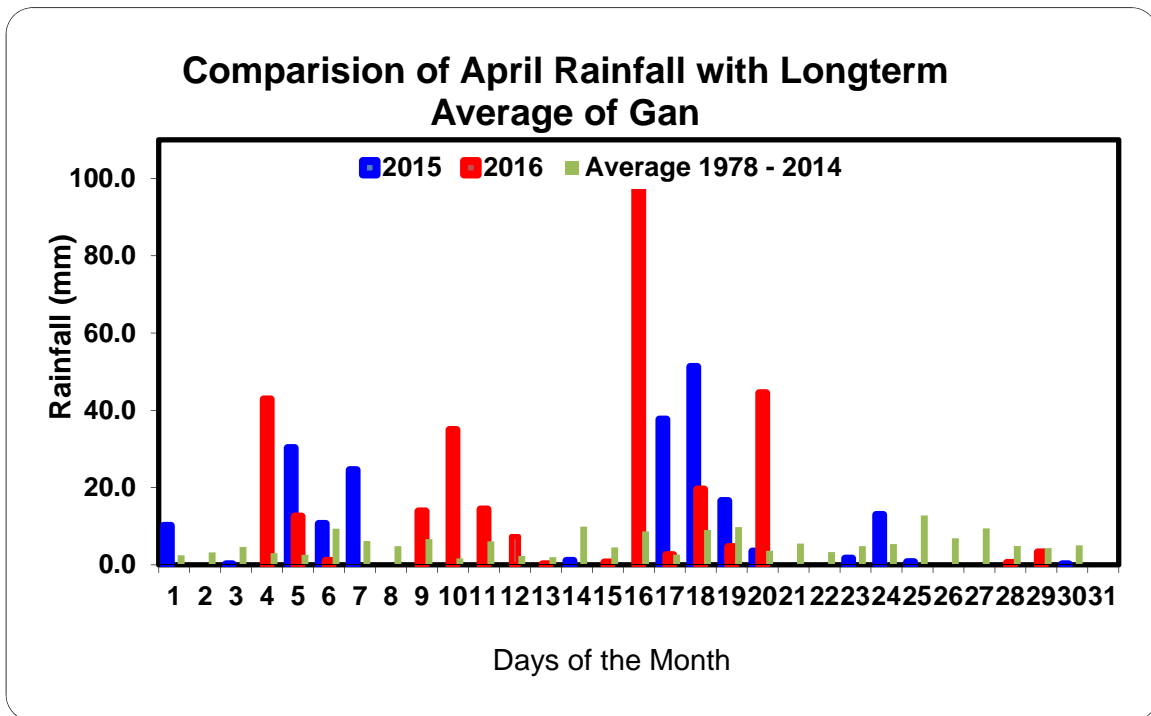
Lowest minimum temperature recorded was 19.0 °C on 23 rd November 1984

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

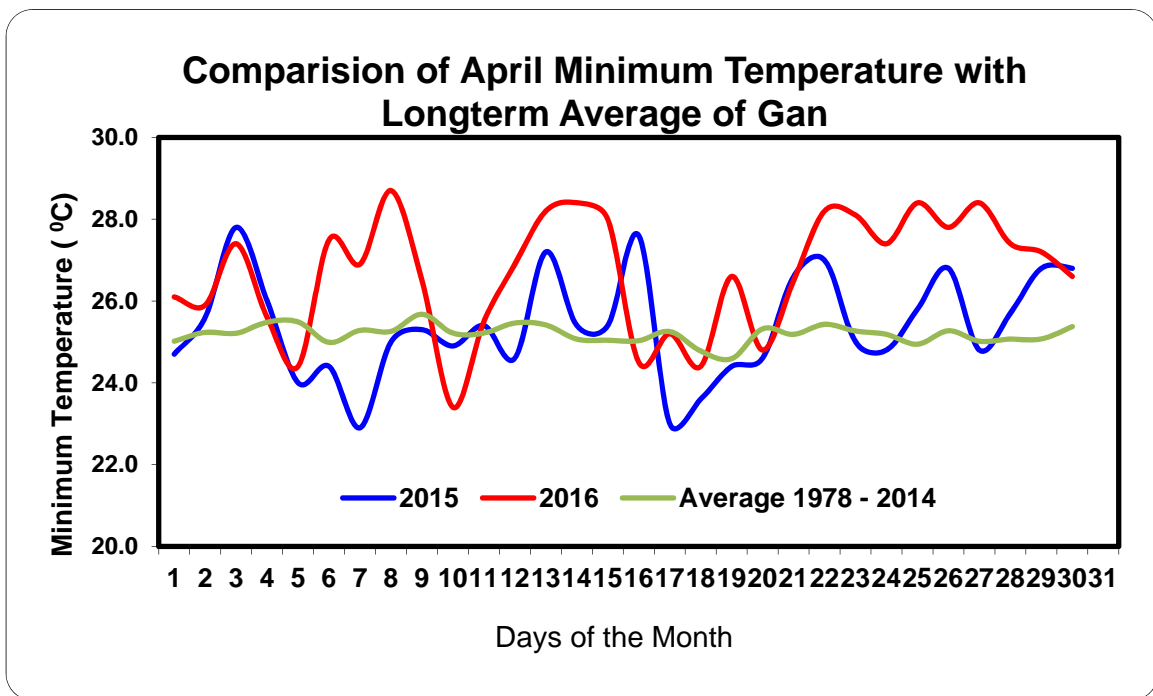
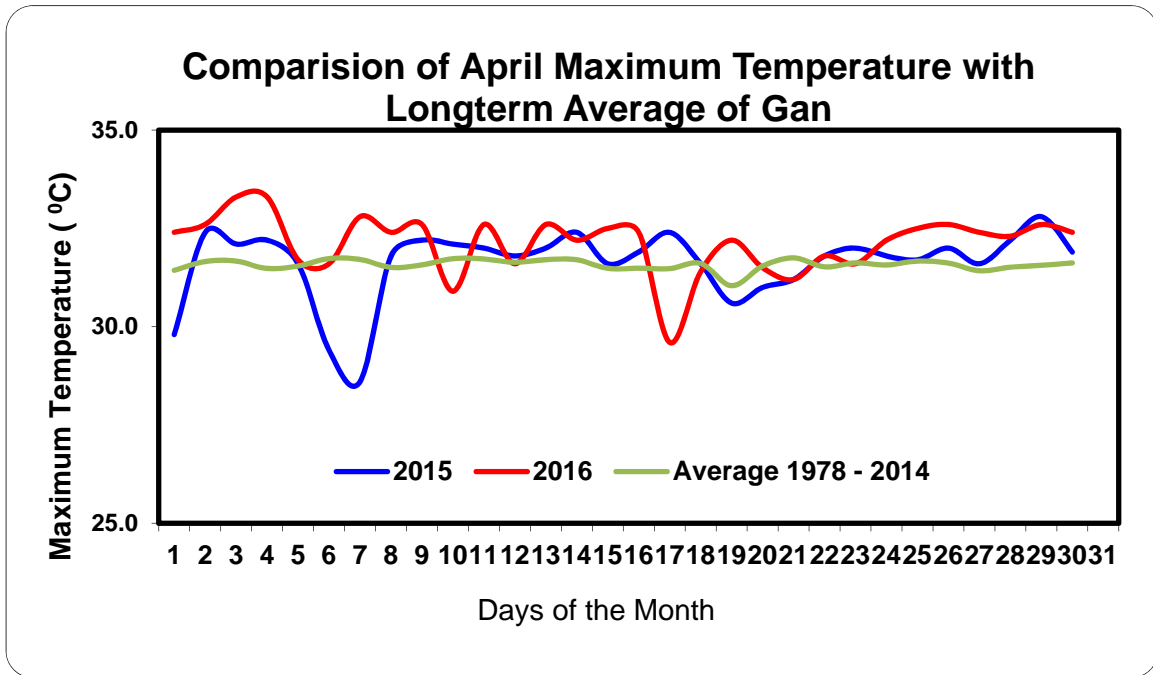
Highest rainfall within 24hrs recorded was 200.0 mm on 11 th December 1998

South

April 2016, southern part of the country received a total rainfall of 305 mm. The highest rainfall within 24 hours was recorded on the 16th and amounts to 103 mm of rainfall. The rainfall received in April 2015 was 105 mm less than that of April 2016. Figure below shows daily total rainfall (2015 and 2016) and daily average rainfall for the Month of April for southern part of Maldives.

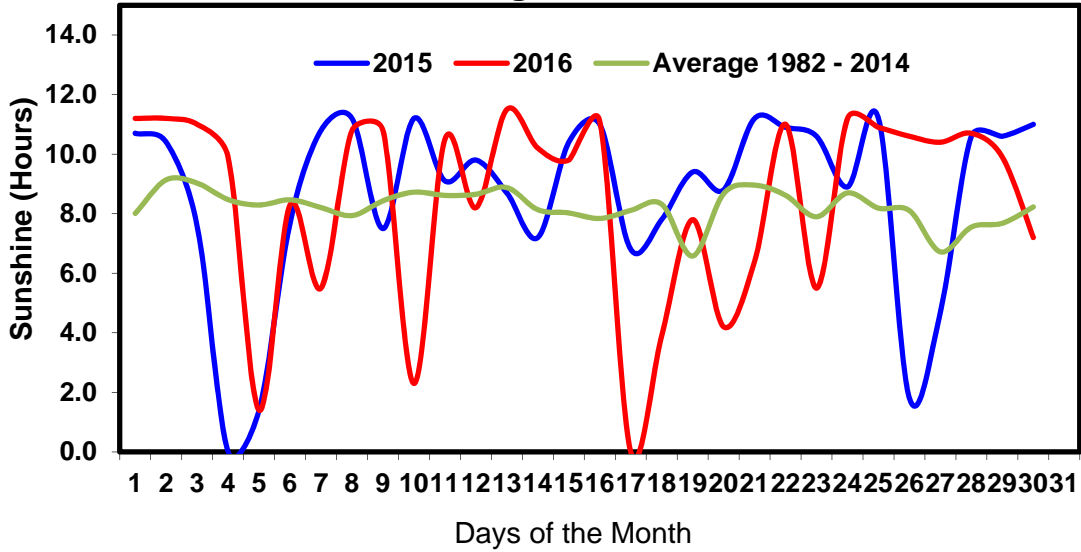


The highest temperature recorded in southern part of the Maldives April 2016 was 33 degree Celsius, which was recorded on the 03rd and 04th. The minimum temperature recorded in the same area for the April 2016 was 23 degree Celsius and was recorded on the 10th of April. However, the highest temperature recorded in April 2015 in southern parts of the country was 33 degree Celsius, which was recorded on the 29th. Furthermore, the minimum temperature recorded in south in April 2015 was 23 degree Celsius, recorded on the 07th. Figure below shows daily maximum and minimum temperature (2015 and 2016) and average maximum and minimum temperature for the Month of April for southern part of Maldives.



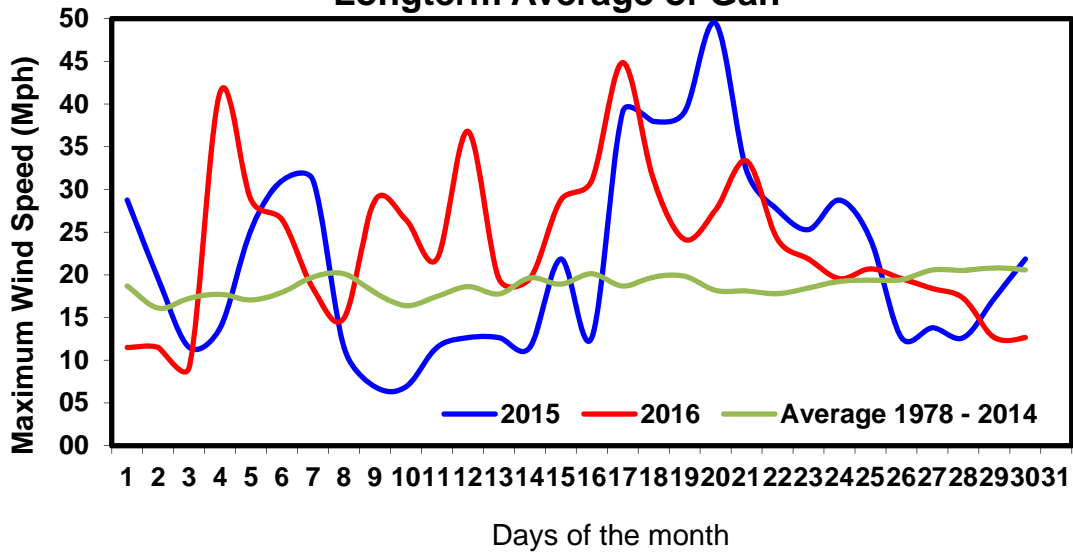
Southern part of the country received sunshine for 29 days April 2016, which amounts to 253 hours and 24 minutes. Furthermore, in April 2015 southern part of the country received sunshine for 26 days, which amounts to 231 hours and 42 minutes. Figure below shows daily sunshine (2015 and 2016) and daily average sunshine for the Month of April for southern part of Maldives.

Comparison of April Sunshine with Longterm Average of Gan

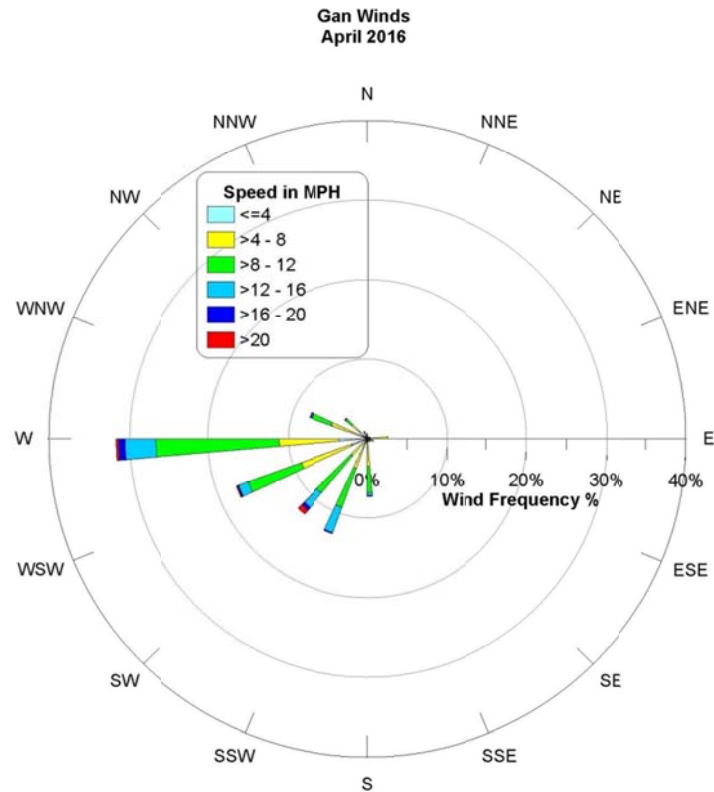


April 2016, the maximum wind speed in south was experienced on the 17th at 11:10 hours from *west-south-west* at a speed of 45 mph. However, the maximum wind speed in southern atolls in April 2015 was recorded on the 21st at 02:17 hours at a speed of 49 mph from *west*. Figure below shows daily maximum wind speed (2015 and 2016) and daily average maximum wind speed for the Month of April for southern part of Maldives.

Comparison of April Maximum Wind Speed with Longterm Average of Gan



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



This is the wind rose for Gan based on hourly wind data of the month April 2016. This rose shows that the winds at Gan during the period blow from the west much of the time. In fact, the spokes in the directions south-south-west, south-west and west-south-west comprise about 40% of all hourly wind directions. This also shows that the wind rarely blows from other directions.

Highest maximum temperature recorded was 33.6 ⁰ C on 17 th April 1998

Lowest minimum temperature recorded was 19.7 ⁰ 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
