FOUNDATION FOR ENVIRONMENT, CLIMATE AND TECHNOLOGY

## Daily Rainfall Monitoring

The following figures show the observed rainfall in the last 15 days in Maldives.



The figure shows the average observed rainfall in the previous month.


## Monthly and Seasonal Monitoring

## Northern Maldives:



Longitude 73.125E Latitude 6.875 N
Rainfall in the current year (black) compared to rainfall in previous 5 years


Rainfall of past 365 days (black) compared to average rainfall since 2003.


Rainfall in the past 5 years with above-averagerainfall
hatched in blue and below-average hatched in brown

## Central Maldives:



Longitude 73.125 E Latitude 3.875 N
Rainfall in the current year (black) compared to rainfall in previous 5 years


Rainfall of past 365 days (black) compared to average rainfall since 2003.


Rainfall in the past 5 years with above-average rainfall hatched in blue and below-average hatched in brown

## Southern Maldives:



Longitude 73.375E Latitude 0.375N
Rainfall in the current year (black) compared to rainfall in previous 5 years


Rainfall of past 365 days (black) compared
to average rainfall since 2003.


Rainfall in the past 5 years with above-average rainfall hatched in blue and below-average hatched in brown

## Ocean Surface Monitoring



## Daily Rainfall Forecast

Daily Rainfall forecasts (up to 7 days ahead) from the IMD is provided in figures below. These predictions are from the GFS (T1534) model covering the entire south Asian region.


IMD :GFS MODEL(12 Km) RAINFALL (mm) FORECAST (48 HR)


IMD ;GFS MODEL(12 Km) RAINFALL (mm) FORECAST (72 HR)


IMD :GFS MODEL(12 Km) RAINFALL (mm) FORECAST (96 HR)


IMD : GFS MODEL(12 Km) RAINFALL (mm) FORECAST (120 HR)


IMD : GFS MODEL ( 12 Km ) RAINFALL (mm) FORECAST ( 144 HR )



## Weekly Rainfall Forecast

Total rainfall forecast from the IRI for next six days is provided in figures below. The figure to the left shows the expectancy of heavy rainfall events during these six days while the figure to the right is the prediction of total rainfall amount during this period.

Forecast for 7-12 Jul 2019 Issued 00007 Jul 2019


Extreme Rainfall Forecast

Forecast for 7-12 Jul 2019 Issued 00007 Jul 201 !


Total Six Day Precipitation Forecas

