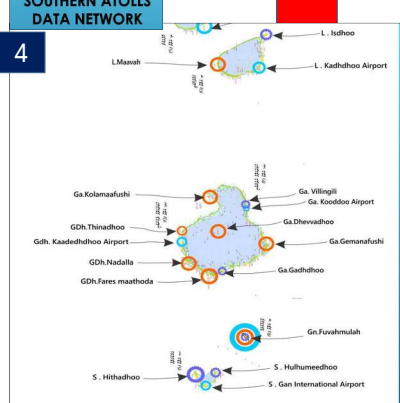
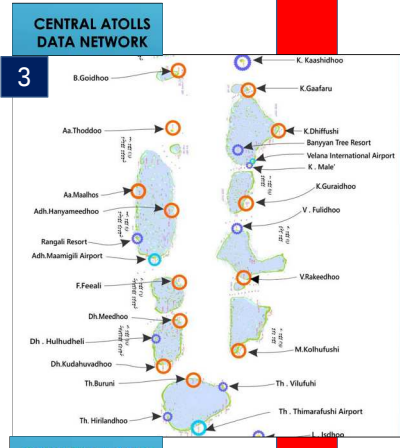
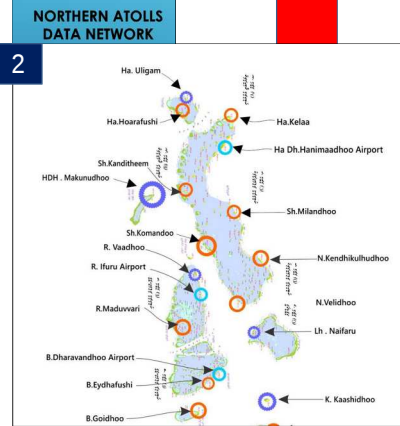
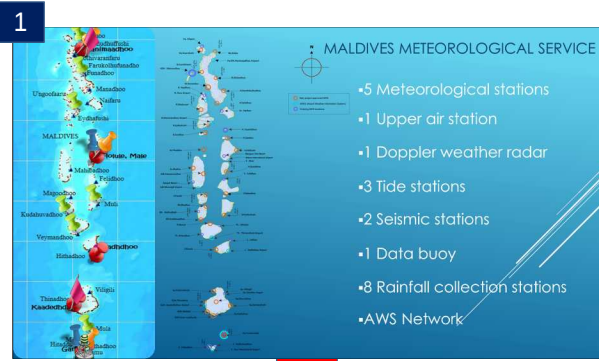




- Italy project approved AWS
- AWIS (Airport Weather information System)
- Existing AWS locations

## 5 QUALITY MANAGEMENT IN RAINFALL OBSERVATION

- Calibrated Automatic Rain gauges are aligned in a straight line with manual rain gauge
- This is for Quality management of rainfall as we can compare the rainfall measured with automatic & Manual rain gauge.
- There fore we can find out the errors in the measurements before installing them all around the stations in Maldives.



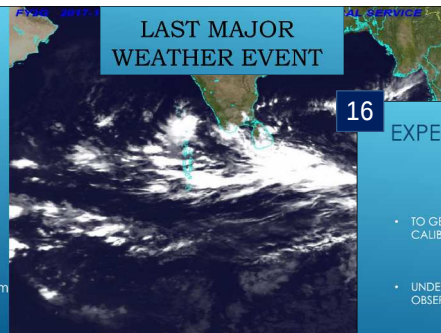
**15**

## TROPICAL CYCLON "OCKHI"

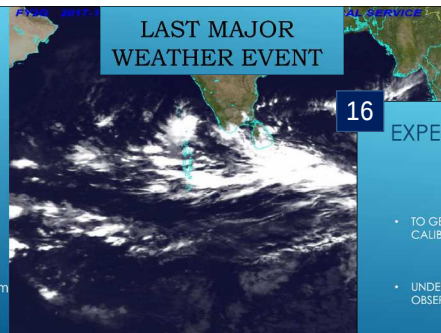
30<sup>th</sup> November 2017

Ifuru : 175 mm

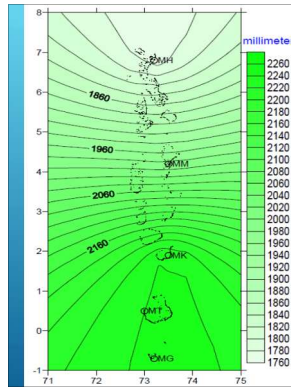
Dharavandhoo : 63 mm



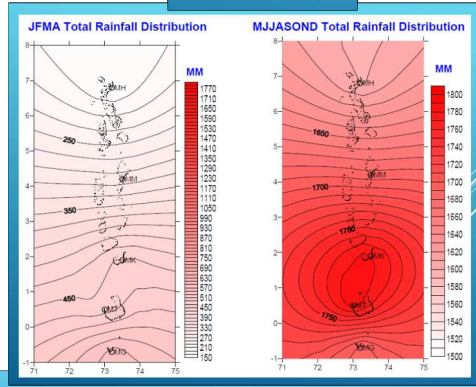
## LAST MAJOR WEATHER EVENT



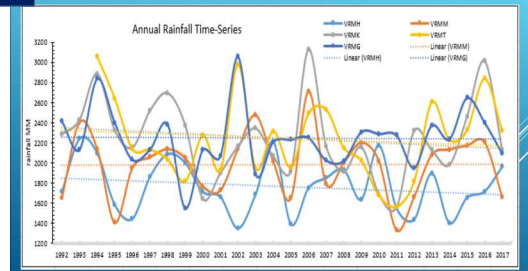
## 9 Annual Total Rainfall Distribution



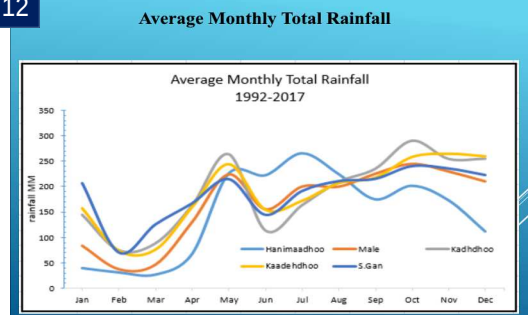
## 10 Seasonal Rainfall Distribution



**11**



**12**



**13**

**Average % Seasonal Rainfall**

| Region \ season | SW monsoon (May-Nov) | NE monsoon (Jan-Mar) | Monsoon transition (Apr. Dec) |
|-----------------|----------------------|----------------------|-------------------------------|
| North           | 84%                  | 5%                   | 10%                           |
| Central         | 72%                  | 10%                  | 18%                           |
| South           | 64%                  | 19%                  | 18%                           |

**14**



**16**

## EXPECTATION OF THIS WORKSHOP

- TO GET A BETTER KNOWLEDGE ON INSTRUMENT CALIBRATION/MAINTENANCE
- UNDERSTAND MORE ABOUT QUALITY MANAGEMENT OF SURFACE OBSERVATIONS