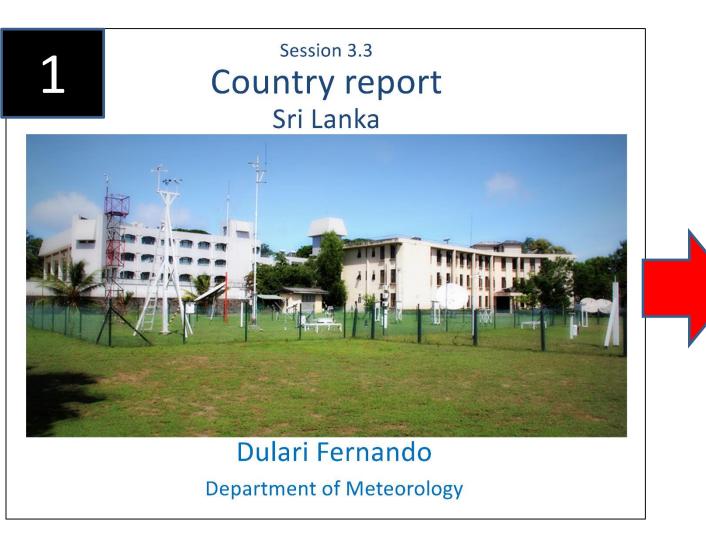
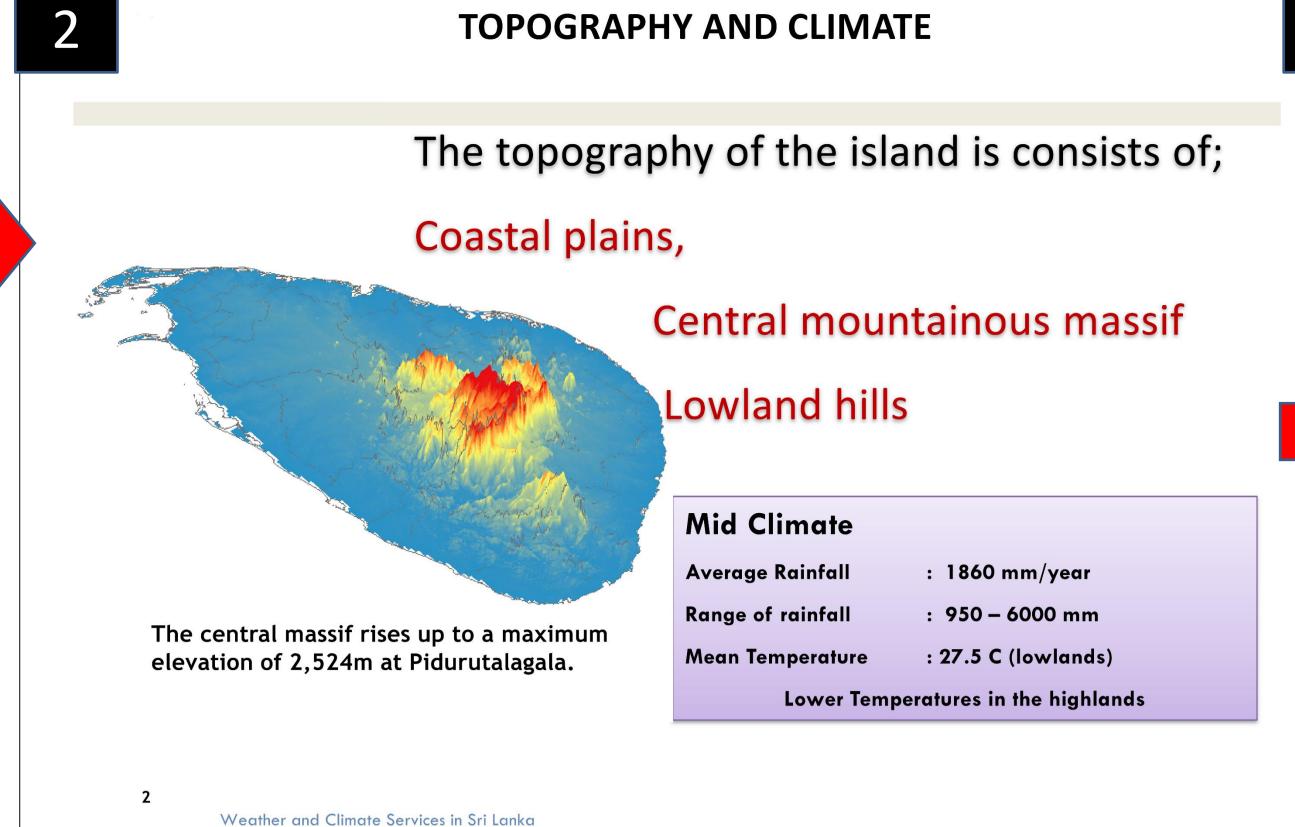
## Democratic Socialist Republic of Sri Lanka







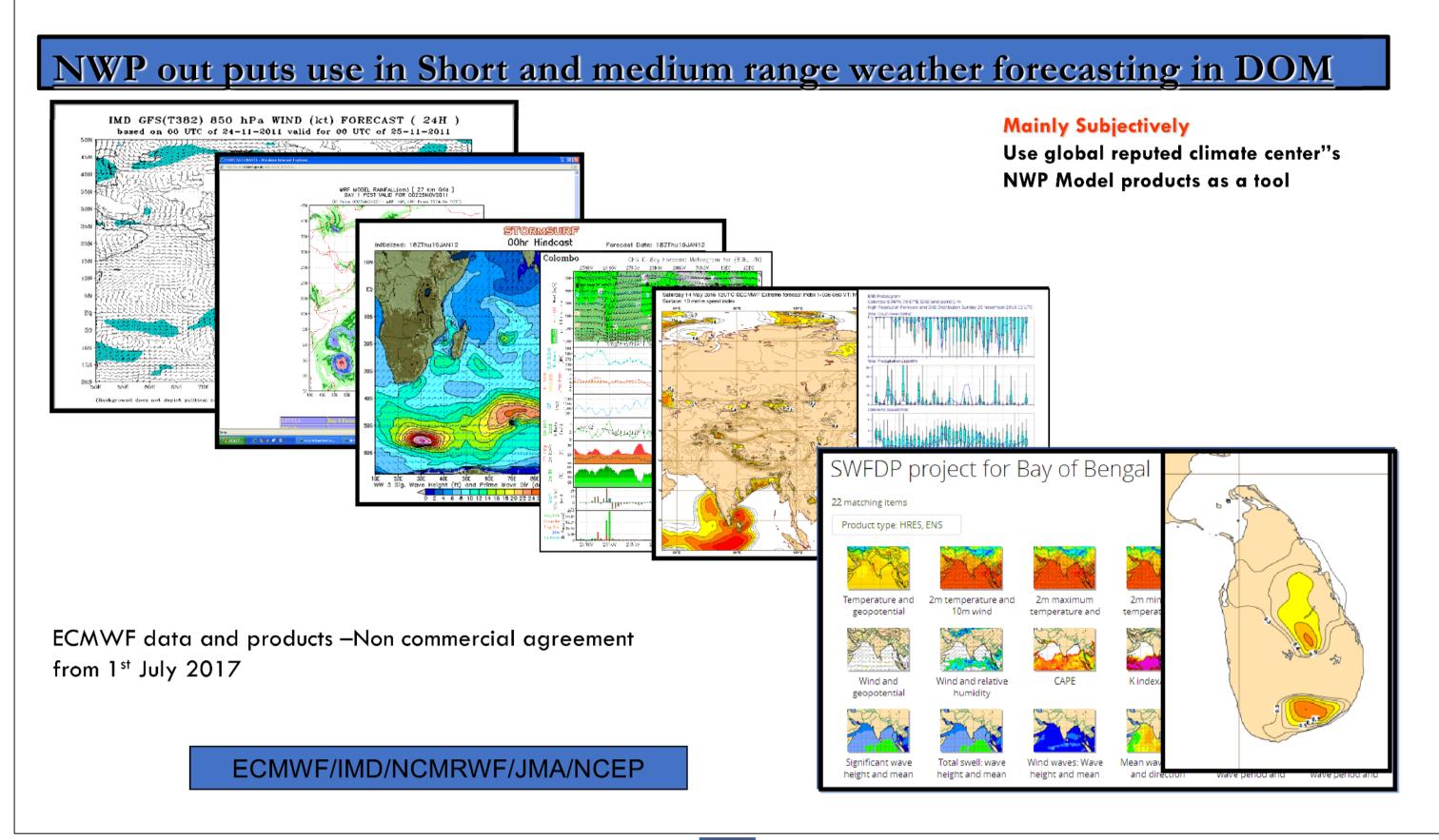
1. Observation system overview **Surface Observation** at Observatories and Automated Weather Stations Synoptic (23) and Upper air (4) Automated observations(38) Agro-met observation (42) network (green dots)

Director Agro met

42 - Agro-met

stations

4. Integrated use of observation data



2. Observational organization structure **DIRECTOR GENARAL Director Aviation** 19 - Synoptic Katunayake Air port Observation Centers Mattala Air port 04 - Upper Air Observation Rathmalana Air port 38 - AWS 500 - Rain gages

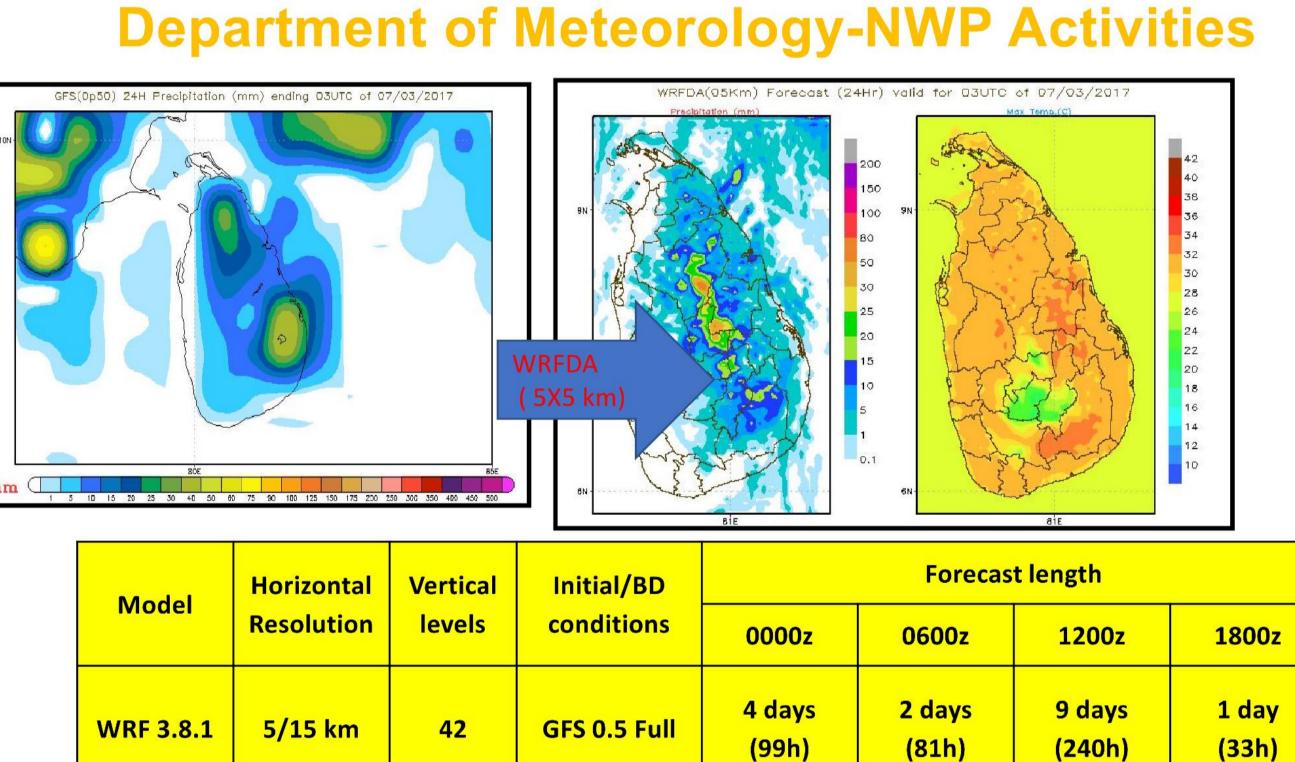
1 day

(33h)

9 days

(240h)

4. Integrated use of observation data



3. Quality management of observation data **Observation Censers** Climate/ Data Upper Air Division **Observation Censers** Air ports Obs DATA BASE 500 Nos Rain Rainfall division gages Agro-met stations Rainfall division

## 4. Integrated use of observation data

24H Rainfall: 09-Feb-2019

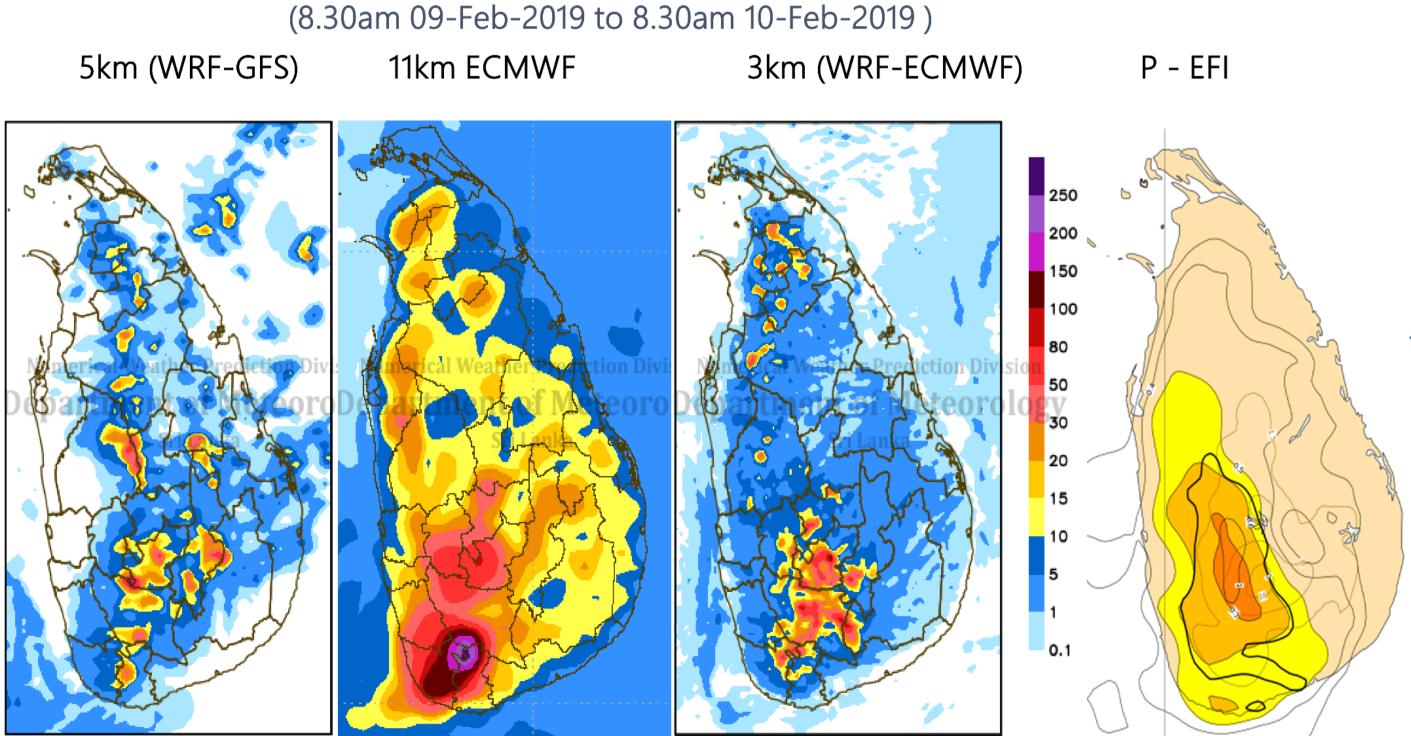
**GFS 0.25** 

4 days

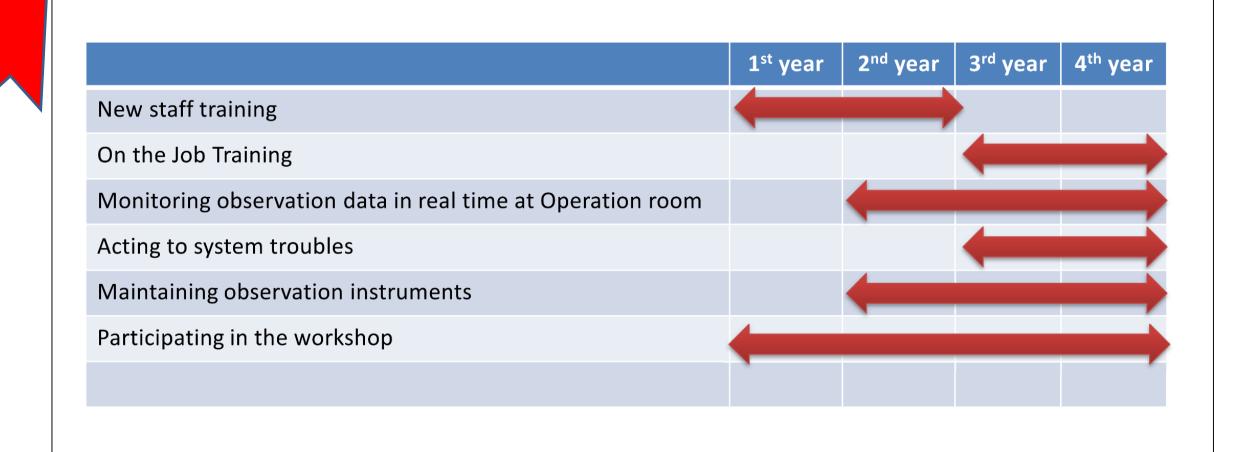
(99h)

2 days

(81h)



5. Observer/expert training timeline



## 6. Plan for developing products

- Establish 100 automated rain-gages in riverbasins – ongoing (Sri Lanka)
- Establish 2 Doppler Radars 2020 (JICA)
- Department restructuring project (World) Bank)

A center of excellence to weather and climate related services in Sri Lanka

## 7. Expectation for this workshop

Knowing how to do QC

3/9 km

50

WRF 3.9.1

- Getting some materials on observation system lecturing for in my office
- Making firm relationships between participants to exchange useful information after the workshop