

# Advanced Course in Meteorological Fundamentals for Royal Oman Navy

## 29 September to 3 October 2024

Day	09:30 - 10:30	Break (20 min)	10:50 - 11:50	Break (15 min)	12:05 - 13:00
29-Sep	Opening / Moodle Guideline		Introduction to the Directorate General of Meteorology and its activities		Structure of the Atmosphere and general Air Circulation
	Manal Al Hashmi	Hilal Al Hajri		Mohammed Al Mashaykhi	
30-Sep	Sultanate of Oman's Seasons	Remote Sensing for Weather and Marine Applications	Ship Weather Reports Encoding & Decoding <b>(Theory &amp; Practical)</b>	Mohammed Al Mashaykhi	Manal Al Hashmi
	Mohammed Al Mashaykhi				
01-Oct	Numerical Weather Predictions (NWP) and the Forecasting Techniques <b>(Theory)</b>	Numerical Weather Predictions (NWP) and the Forecasting Techniques <b>(Practical)</b>	Weather phenomena (Tropical Cyclone) <b>(Theory &amp; Practical)</b>	Noura Al Kaabi	Manal Al Hashmi
	Noura Al Kaabi				
02-Oct	Simulator for weather Case <b>(Practical)</b>	The Fundamental Geophysics of Tsunamis and Early Warning Systems	Common oceanic phenomena	Manal Al Hashmi	Ahmed Al Balushi
	Manal Al Hashmi				
03-Oct	Test	Visit the Multi Hazard Early Warning Center			Forecasting & MHEWS Dep (Mohammed & Ahmed)
	Manal Al Hashmi				