

Advanced Course in Meteorology for Royal Oman Navy 16 – 20 March 2025

Day	09:30 - 10:30		10:50 - 11:50		12:05 - 13:00	
16 March	Opening / Moodle Guideline	Break (20 min)	Introduction to the Directorate General of Meteorology and its activities	Break (15 min)	Structure of the Atmosphere and general Air Circulation	
	Manal Al Hashmi		Khalifa Al Sudairi		Kauthar Al Jabri	
17 March	Sultanate of Oman's Seasons		Remote Sensing for Weather and Marine Applications		Ship Weather Reports Encoding & Decoding (Theory & Practical)	
	Kauthar Al Jabri		Manal Al Hashmi		Afada Al Hubaishi	
18 March	Numerical Weather Predictions (NWP) and the Forecasting Techniques (Theory)		Numerical Weather Predictions (NWP) and the Forecasting Techniques (Practical)		Weather phenomena (Tropical Cyclone) (Theory & Practical)	
	Jamal Al Hinai		Jamal Al Hinai		Afada Al Hubaishi	
19 March	Simulator for weather Case (Practical)		The Fundamental Geophysics of Tsunamis and Early Warning Systems		Common oceanic phenomena	
	Manal Al Hashmi		Jamal Al Hinai		Kauthar Al Jabri	
20 March	Test		Visit the Multi Hazard Early Warning Center			
	Manal Al Hashmi		Forecasting & MHEWS Dep (Kauthar Al Jabri)			