

Meteorological Course for Royal Navy (11-15 August 2024)

Day 1: Sunday 11 August

Time	Program	Lecturer
08:30 – 09:15	Opening Introduction to the Directorate General of Meteorology and its activities	<i>Khalifa AL-Sudairi</i>
09:15 -10:00	Course Structure / Moodle page/ Quick Knowledge check	<i>Zamzam AL-Rawahi</i>
BREAK (15min)		
10:15 –11:30	Atmospheric structure and Properties	<i>Afada AL-Hubaishi</i>
BREAK (15min)		
11:45 – 01:00	General Air Circulation	<i>Afada AL-Hubaishi</i>

Day 2: Monday 12 August

Time	Program	Lecturer
08:30 – 08:45	Quick Knowledge check	<i>Zamzam AL-Rawahi</i>
08:45 – 10:15	Part I: Synoptic observation Charts and Ship Weather Reports Part II: Synoptic observation Charts and Ship Weather Reports (Encoding & Decoding (Practical))	<i>Afada AL-Hubaishi</i>
BREAK (15min)		
10:30 – 11:30	Chart Analysis (Practical)	<i>Sami AL-Mamari</i>
BREAK (15min)		
11:45 – 01:00	Part1: Principles of Remote Sensing (Satellite)	<i>Zamzam AL-Rawahi</i>

Day 3: Tuesday 13 August

Time	Program	Lecturer
08:30 – 08:45	Quick Knowledge check	<i>Zamzam AL-Rawahi</i>
08:45 – 09:45	Remote Sensing (weather radar)	<i>Afada AL-Hubaishi</i>
BREAK (15min)		
10:00 – 11:00	Numerical Weather Prediction	<i>Khalifa AL-Sudairi</i>
BREAK (15min)		
11:15 -12:00	Common oceanic phenomena	<i>Sami AL-Mamari</i>
12:00 -1:00	Tsunamis and Early Warning Systems	<i>Sami AL-Mamari</i>

Day 4: Wednesday 14 August

Time	Program	Lecturer
08:30 – 08:45	Quick Knowledge check	<i>Zamzam AL-Rawahi</i>
08:45 – 09:45	Oman Seasons (Winter)	<i>Bushra AL-Saadi</i>
BREAK (15min)		
10:00 – 11:00	Oman Seasons (Summer)	<i>Bushra AL-Saadi</i>
BREAK (15min)		
11:15 -12:00	Weather phenomena (Tropical Cyclone)	<i>Zamzam AL-Rawahi</i>
12:00 -1:00	Tropical Cyclone (Case Study) (Practical)	<i>Zamzam AL-Rawahi</i>

Day 5: Thursday 15 August

Time	Program	Lecturer
08:30 – 10:00	Weather Forecasting Process	<i>Bushra AL-Saadi</i>
	Simulator for A case Study (Practical)	<i>Bushra AL-Saadi</i>
BREAK (15min)		
10:15 – 11:00	Test & Course Survey	<i>Khalifa AL-Sudairi</i>
BREAK (15min)		
11:15 -12:00	Visit the Multi-Hazard Early Warning Centre	<i>Bushra AL-Saadi</i>
12:00 -12:30	Closing	