



Meteorological Course for Royal Oman Navy

14 -25 January 2024

Date	8:30 -9:45		10 :00 – 11:25		11:40 – 1:00	
Sunday 14 Jan	Opening Introduction to the Directorate General of Meteorology and its activities	Break 15m	Course Structure (Agenda + Course Web-Page)	Measured Parameters of Meteorology and their associated phenomena	Atmospheric Structure and general air circulation	
	<i>Hilal AL Hahri</i>		<i>Zamzam</i>	<i>Moza Al Marhoobi</i>	<i>Moza Al Marhoobi</i>	
Monday 15 Jan	Synoptic Observation Charts and Ship Weather Reports		Practical Synoptic Observation Charts and Ship Weather Reports (Encoding & Decoding)	Practical Chart Analysis		
	<i>Munira Al Quraini</i>		<i>Afada Al Hubaishi</i>	<i>Ashal Al Waili</i>		
Tuesday 16 Jan	Principles of Satellite Remote Sensing		Break 15m	Satellite Weather Applications	Break 15m	Satellite Marine Applications
	<i>Zamzam Al Rawahi</i>		<i>Shima Al Yazidi</i>	<i>Zamzam Al Rawahi</i>		
Wednesday 17 Jan	Remote Sensing for weather applications (Weather Radar)		Numerical Weather Prediction	Marine Models	Practical Numerical Weather Prediction	
	<i>Afada Al Hubaishi</i>		<i>Khalifa Al Sudair</i>	<i>Jamal AL Hinai</i>	<i>Aiman</i>	
Thursday 18 Jan	Sultanate of Oman's Seasons	Weather phenomena (Tropical Cyclone)	Practical Weather phenomena (Tropical Cyclone)			
	<i>Mohammed al Mashaykhi</i>	<i>Kahlan Al Toubi</i>	<i>Jamal Al hinai</i>			

Weekend

Date	8:30 -9:45		10 :00 – 11:25		11:40 – 1:00	
<i>Sunday 21 Jan</i>	Weather Phenomena (Local convection/Summer Monsson)	Break 15m	Weather phenomena (Westerlies/Easterlies/Dust)	Break 15m	Common Oceanic Phenomena	
	<i>Bushra Al Saadi</i>		<i>Ibrahim Al Abdulsalam</i>		<i>Kauthar Al Jabri</i>	
<i>Monday 22 Jan</i>	The Fundamental Geophysics of Tsunamis and Early Warning Systems		CAP System	Break 15m	<u>Practical</u> Open Resources for Weather Observation and forecast	
	<i>Jaifar Al Busaidi</i>		<i>Munira Al Quraini</i>		<i>Ibrahim Al Abdulsalam</i>	
<i>Tuesday 23 Jan</i>	Weather instruments and their usage in observation		Break 15m	<u>Field Visit</u> Weather instruments and their usage in observation		
	<i>Alazhar Al Azri</i>			<i>Alazhar Al Azri</i>		
<i>Wednesday 24 Jan</i>	Weather Forecasting Techniques		Break 15m	<u>Final Discussion</u>	Break 15m	<u>Summary & Recommendations</u>
	<i>Bushra Alsaadi</i>			<i>Ibrahim Al Abdulsalam</i>		
<i>Thursday 25 Jan</i>	Test & Course Evaluation	Visit the Multi-Hazard Early Warning Centre & Certificates and group pictures				
	<i>Manal AL-Hashmi</i>	<u>Ibrahim Al-Barashidi</u>				

Day	Learn and Practice	Learn and practice Task 15:30 - 1700	Task Submission 1700 – 18:00	Task Discussion 18:10 – 19:00	Lecturer
<i>Sunday 28 Jan</i>	Tsunami	Tsunami Early Warning Systems/Website			Nora Al Kaabi
<i>Monday 29 Jan</i>	Weather balloon (Radiosonde) Send, receive & preview, analysis	Weather balloon (Radiosonde) Send, receive & preview, analysis			Zaher ALshaqsi Kauthar Al Jabri
<i>Tuesday 30 Jan</i>	Remote Sensing	Satellite & Radar Tools			Ibrahim Al Abdulsalam
<i>Wednesday 31 Jan</i>	Marine Report	Marine Reports Visual Weather			Aysha ALqasmi
<i>Thursday 1 Feb</i>	Weather Forecasting	Weather Forecasting (NWP models, observations charts, Satellite)			Manal AL-Hashmi