

3145. OCCUPATIONAL FIELD 68, METEOROLOGY AND OCEANOGRAPHY (METOC)

1. Introduction. The METOC Service OccFld is responsible for collecting, assessing and disseminating METOC intelligence relevant to friendly and enemy force strengths and vulnerabilities for the planning and execution of operations necessary to characterize the battle space. This includes atmospheric, space, climatic and hydrologic intelligence for use in the production of Tactical Decision Aids (TDA) and METOC effects matrices. The METOC OccFld is comprised of MOS 6842, METOC Forecaster, and MOS 6852, METOC Impacts Analyst, and is progressive in nature. Marines entering the 6800 OccFld will complete formal training and receive MOS 6842. As their skill enhancing training progresses, they become eligible to attend further formal MOS instruction. Billets include assignment to MEF, MAW, MARDIV, MLG, MEU, Intel Battalion, Marine Air Control Squadron, Marine Corps Air Station, TECOM, CBIRF, NMOPDC, and instructor at MARDET Keesler AFB, MS.

2. MOS 6842, METOC Analyst Forecaster (MGySgt to Pvt) PMOS

a. Summary. Typical duties of the METOC Analyst Forecaster include observing, collecting, recording, validating, processing, disseminating, and assimilation of METOC data and information to formulate forecasts and environmental assessments. METOC Analyst Forecasters use and perform preventive maintenance on METOC sensors, information technology systems, and equipment. All records must be maintained in accordance with references (ca) and (cm).

b. Prerequisites

- (1) Must be a U.S. Citizen.
- (2) Must possess a GT score of 105 or higher.
- (3) Security requirement: Secret security clearance eligibility.
- (4) Must have normal color vision.

c. Requirements. Complete the Meteorological and Oceanographic Analyst Forecaster (MOAF) Course (F02WAK1) at Keesler AFB, MS.

<u>CID</u>	<u>TITLE</u>	<u>LOCATION</u>
F02WAK1	Meteorological and Oceanographic Analyst Forecaster (MOAF)	Biloxi, MS

d. Duties. For a complete list of duties and tasks, refer to reference (af), Meteorology and Oceanography Training and Readiness Manual.

e. Related Standard Occupational Classification (SOC) Title and Code. Atmospheric and Space Scientists 19-2021.

f. Related Military Skill. None.

MGySgt	6842
MSgt	6842
GySgt	6842
SSgt	6842
Sgt	6842
Cpl	6842
LCpl	6842
PFC	6842
Pvt	6842

MOS	Title
6842	METOC Analyst Forecaster (PMOS)

MOS 6842, METOC Analyst Forecaster PMOS

MGYSGT	Required Training: Skill Progression: Skill Enhancement: MOS Assignment:	Acquisition 101 OPFOR: None SE: HQMC/TECOM (ASB) Instructor/MCAS

MSGT	Required Training: Skill Progression: Skill Enhancement: MOS Assignment:	Acquisition 101 OPFOR: MAW SE: MCAS

GYSGT	Required Training: Skill Progression: Skill Enhancement: MOS Assignment:	AG2 METOC Training Manual Volume I AG2 METOC Training Manual Volume II OPFOR: MAW/MEF/MST/MEU Intel Bn SE: MCAS/Instructor NMOPDC

SSGT	Required Training: Skill Progression: Skill Enhancement: MOS Assignment:	Tropical Weather Analysis and Forecasting Course AG2 METOC Training Manual Volume I AG2 METOC Training Manual Volume II OPFOR: MAW/MST/MEU Intel BN/CBIRF SE: MCAS/Instructor

SGT	Required Training: Skill Progression: Skill Enhancement: MOS Assignment:	Tropical Weather Analysis and Forecasting Course AG2 METOC Training Manual Volume I AG2 METOC Training Manual Volume II OPFOR: MAW/MST/MEU/Intel Bn SE: MCAS/Instructor

CPL	Required Training: Skill Progression: Skill Enhancement: MOS Assignment:	Tropical Weather Analysis and Forecasting Course Online Weather Studies METOC 50-1P- 0601 AG3 METOC Training Manual OPFOR: MAW/MEF/MST/MEU SE: MCAS

Figure 3-36.--Meteorology and Oceanography (METOC)

LCPL	Required Training:	Meteorological and Oceanographic Analyst Forecaster (MOAF) Course (F02WAK1)
	Skill Progression:	
	Skill Enhancement:	Online Weather Studies METOC 50-1P-0601
	MOS Assignment:	AG3 METOC Training Manual OPFOR: MAW/Intel Bn SE: MCAS

PFC	Required Training:	Meteorological and Oceanographic Analyst Forecaster (MOAF) Course (F02WAK1)
	Skill Progression:	
	Skill Enhancement:	Online Weather Studies METOC 50-1P-0601
	MOS Assignment:	AG3 METOC Training Manual OPFOR: MAW/Intel Bn SE: MCAS

PVT	Required Training:	Meteorological and Oceanographic Analyst Forecaster (MOAF) Course (F02WAK1)
	Skill Progression:	
	Skill Enhancement:	Online Weather Studies METOC 50-1P-0601
	MOS Assignment:	AG3 METOC Training Manual OPFOR: MAW/Intel Bn SE: MCAS

Figure 3-36.--Meteorology and Oceanography (METOC) (continued)