

Unlock the Secrets of Field Artillery Meteorology: Master Tactics, Techniques, and Procedures with FM 09-15

Mastering the art of field artillery meteorology is crucial for delivering accurate and effective artillery fire. *FM 09-15 Tactics, Techniques, and Procedures for Field Artillery Meteorology* provides a comprehensive guide to the fundamentals of field artillery meteorology, empowering you with the knowledge and skills to optimize your artillery operations.

Chapter 1: Fundamentals of Field Artillery Meteorology

This chapter introduces the basic principles of field artillery meteorology, including atmospheric structure, weather elements, and their influence on artillery fire. You will learn about various meteorological instruments and techniques used to gather and analyze weather data, helping you make informed decisions.



FM 3-09.15 TACTICS, TECHNIQUES, AND PROCEDURES FOR FIELD ARTILLERY

METEOROLOGY by US Army

★★★★☆ 4.5 out of 5

Language : English
File size : 9752 KB
Text-to-Speech : Enabled
Enhanced typesetting : Enabled
Word Wise : Enabled
Print length : 337 pages
Screen Reader : Supported

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Chapter 2: Weather Forecasting and Prediction

Mastering weather forecasting and prediction is essential for planning artillery fire missions. Chapter 2 delves into the methods used to forecast weather conditions, including numerical weather prediction models and

local observations. You will learn to interpret weather charts and analyze weather patterns to predict future conditions.



Weather charts provide valuable insights into forecast conditions.

Chapter 3: Fire Control and Meteorology

Chapter 3 examines the integration of meteorological data into fire control systems. You will learn how to apply meteorological corrections to artillery fire, accounting for wind speed and direction, air temperature, and humidity. This knowledge enables you to compensate for atmospheric effects, increasing the accuracy and precision of your fire.



Chapter 4: Special Operations Meteorology

This chapter focuses on the unique meteorological challenges encountered in special operations. You will explore the techniques used to gather meteorological data in austere environments, such as using satellite communications and hand-held weather stations. The chapter also covers the development of contingency plans to account for unpredictable weather conditions.



Meteorological equipment is essential for gathering weather data in challenging environments.

Chapter 5: Equipment and Resources

Chapter 5 provides an overview of the equipment and resources available for field artillery meteorology. You will learn about various weather sensors,

data loggers, and weather analysis software. The chapter also covers the maintenance and calibration of meteorological equipment, ensuring accurate and reliable data collection.



Chapter 6: Training and Education

The final chapter emphasizes the importance of training and education in field artillery meteorology. You will learn about the various training programs and resources available to meteorologists and artillery personnel. The chapter also discusses the professional development opportunities for those seeking to advance their knowledge and skills in this field.

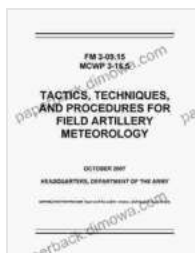
Benefits of FM 09-15

- Master the fundamentals of field artillery meteorology.
- Enhance weather forecasting and prediction capabilities.
- Integrate meteorological data into fire control systems.

- Address the unique meteorological challenges of special operations.
- Explore the latest equipment and resources.
- Pursue professional development opportunities.
- Improve the accuracy and effectiveness of artillery fire.

FM 09-15 Tactics, Techniques, and Procedures for Field Artillery Meteorology is an indispensable resource for anyone involved in the field of artillery meteorology. Its comprehensive coverage of fundamental principles, forecasting techniques, fire control applications, special operations, and training programs provides the knowledge and skills necessary to excel in this demanding field. By mastering the techniques and procedures outlined in this manual, artillery units can maximize the impact of their fire and achieve superior accuracy.

Free Download your copy of *FM 09-15 Tactics, Techniques, and Procedures for Field Artillery Meteorology* today and elevate your artillery fire to new heights of precision and lethality.



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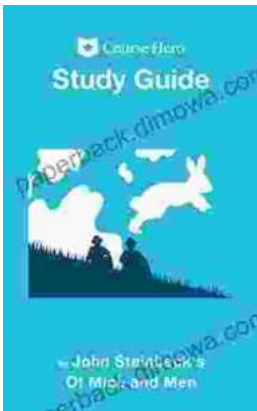
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