

**BY ORDER OF THE COMMANDER
AIR FORCE WEATHER AGENCY**

**AIR FORCE WEATHER AGENCY
MISSION DIRECTIVE 5205**



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Operations**

**AIR FORCE 1ST WEATHER
GROUP (1 WXG)**

COMPLIANCE WITH THIS PUBLICATION IS MANDATORY

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This mission directive (MD) implements policy and guidance in Air Force Policy Directive (AFPD) 10-1, *Mission Directives*, Air Force Instruction (AFI) 10-101, *Format and Content of Mission Directives*, and AFI 38-101, *Air Force Organization*. It defines the organization and mission of 1 WXG and its subordinate units: 15 Operational Weather Squadron (OWS), 25 OWS, and 26 OWS. Ensure that all records created as a result of processes prescribed in this publication are maintained in accordance with Air Force Manual (AFMAN) 33-363, *Management of Records*, and disposed of in accordance with the Air Force Records Disposition Schedule located at <https://www.my.af.mil/gcss-af61a/afrims/afrims>. The reporting requirements in this publication are exempt from licensing in accordance with AFI 33-324, The Information Collections and Reports Management Program; Controlling Internal, Public and Interagency Air Force Information Collections. Paragraph 2.11.5 applies. Refer recommended changes and questions about this publication to the Office of Primary Responsibility (OPR) using AF Form 847, *Recommendation for Change of Publication*; route AF Forms 847 from the field through the appropriate functional's chain of command. See Attachment 1 for a glossary of references and supporting information.

SUMMARY OF CHANGES

This publication has been substantially revised and must be completely reviewed. Major changes include deleted references to 9 Operational Weather Squadron (OWS). Adjusted the areas of responsibility for subordinate units to account for changes resulting from inactivation of the 9 OWS. Assigned responsibility for production of synoptic scale analyses, model prognoses,

and forecast aviation weather hazards above 18,000 feet for the United States Northern Command (USNORTHCOM) area of responsibility (AOR) to 25 OWS. Reduced redundancy by creating a generic OWS template owing to similarities in missions, positions and functionalities.

1. Mission. Responsible for characterizing the environment for Total Force military decision makers in the USNORTHCOM AOR. Produces and disseminates mission planning and execution weather analyses, forecasts, and briefings for Air Force, Army, Guard, Reserve, United States Strategic Command (USSTRATCOM), United States Joint Forces Command (USJFCOM), and USNORTHCOM forces operating at over 400 installations/sites. Provides installation commanders advanced warning of severe weather to protect personnel and multibillion-dollar weapon systems and infrastructure. Trains, qualifies, and upgrades the skill level of commissioned officers and enlisted personnel at their first duty assignment.

2. Command. The 1st Weather Group Commander:

2.1. Reports directly to Air Force Weather Agency Commander (AFWA/CC).

2.2. Provides leadership and direction to the group and three geographically separated, subordinate operational weather squadrons:

15th Operational Weather Squadron (15 OWS), Scott AFB, IL

15th Operational Weather Squadron (25 OWS), Davis-Monthan AFB, NM

26th Operational Weather Squadron (26 OWS), Barksdale AFB, LA

3. Responsibilities.

3.1. Provides weather products and services for all Air Force, Army, Guard, and Reserve units operating throughout the assigned AOR in accordance with (IAW) AFI 15-128 *Air and Space Weather Operations, Roles and Responsibilities* and AFMAN 15-129, *Air and Space Weather Operations, Processes and Procedures*.

3.2. Leads weather operations affecting over 400 Total Force installation/sites.

3.3. Provides qualification and upgrade training for 60 percent of the Air Force's new commissioned officer and enlisted accessions to the weather career field.

3.4. Standardizes weather operations and training to maximize effectiveness and efficiency.

3.5. Develops, programs, manages, and oversees long-term financial plans, budgets, facilities, manpower utilization, and training memorandums of agreement.

4. Organizational Structure. Prescribed IAW AFI 38-101 and 1 WXG manpower document, Attachment 2, *1 WXG Organizational Structure and Functional Statements* reflects the approved 1 WXG structure.

5. Relationship to Other Units or Agencies. 1 WXG is authorized direct communication with operational weather units and Major Command/Major Army Command (MAJCOM/MACOM) units on technical, tactical, operational, and planning issues for which 1 WXG is responsible. Department of Defense Instruction (DODI) 4000.19, *Interservice and Intragovernmental Support*, governs inter- and intra-service communications.

6. Special Instructions. Requests to establish, change, or revise this directive or change the approved organizational structure must be submitted with proposed functional statements and organizational structure changes, IAW AFI 38-101 and AFPD 10-1 to AFWA/DP for approval.

ROBERT L. RUSSELL, JR., Colonel, USAF
Commander

Attachment 1**GLOSSARY OF REFERENCES AND SUPPORTING INFORMATION*****References***

AFPD 10-1, *Mission Directives*, 21 June 2002

AFI 10-101, *Format and Content of Mission Directives*, 12 February 2003

AFI 15-128, *Air and Space Weather Operations, Roles and Responsibilities*, 26 July 2004

AFI 33-324, *The Information Collections and Reports Management Program; Controlling Internal, Public and Interagency Air Force Information Collections*, 1 June 2000

AFI 36-2618, *The Enlisted Force Structure*, 27 February 2009

AFI 38-101, *Air Force Organization*, 4 Apr 2006

AFMAN 15-129, *Air and Space Weather Operations, Processes and Procedures*, 21 June 2004

AFMAN 33-363, *Management of Records*, 1 March 2008

DOD Instruction 4000.19, *Interservice and Intragovernmental Support*, 9 August 1995

Title 10 U.S.C., *Armed Forces*, 10 August 1956

Prescribed Forms

No forms are prescribed in this publication.

Adopted Forms

AF Form 847, *Recommendation for Change of Publication*

Abbreviations and Acronyms

ADIZ—Air Defense Identification Zone

AFI—Air Force Instruction

AFMAN—Air Force Manual

AFMD—Air Force Mission Directive

AFPD—Air Air Force Policy Directive

AFWA—Air Force Weather Agency

AOR—Area of Responsibility

CONUS—Continental United States

IAW—In Accordance With

MACOM—Major Army Command

MAJCOM—Major Command

MD—Mission Directive

OPR—Office of Primary Responsibility

OWS—Operational Weather Squadron

USEUCOM—United States European Command

USJFCOM—United States Joint Forces Command

USNORTHCOM—United States Northern Command

USSTRATCOM—United States Strategic Command

WXG—Weather Group

Attachment 2

1ST WEATHER GROUP (1 WXG) ORGANIZATIONAL STRUCTURE AND FUNCTIONAL STATEMENTS

A2.1. Organizational Structure.

Commander
Deputy Commander
Group Superintendent
Commander's Support Staff

A2.2. Subordinate Unit Organization Structure.

A2.2.1. Operational Weather Squadron (OWS).

Commander
Unit Administration
Director of Operations
Operational Weather Flights
Training/Systems Flight

A2.3. 1 WXG Functional Statements

A2.3.1. COMMANDER.

A2.3.1.1. Provides leadership and exercises command jurisdiction over all activities of the 1 WXG.

A2.3.1.2. Provides management oversight of weather operations affecting over 400 Total Force installations/sites, evaluates trends, and formulates group policies and procedures.

A2.3.1.3. Assess organizational capabilities and assists AFWA/CC in establishing organizational goals to exploit these capabilities.

A2.3.1.4. Monitors and manages contractual obligations under congressionally imposed constraints and numerous statutes dictating financial management requirements.

A2.3.2. DEPUTY COMMANDER.

A2.3.2.1. Advises and assists the 1 WXG Commander, in performing command duties and responsibilities.

A2.3.2.2. Within limitations established by the commander, acts in his/her stead in all matters affecting the command.

A2.3.2.3. Provides 1 WXG representation to supported Combatant Command(s) Meteorology and Oceanography community.

A2.3.3. GROUP SUPERINTENDENT.

A2.3.3.1. Advises and assists the 1 WXG Commander, in performing command duties and responsibilities.

A2.3.3.2. Within limitations imposed by Title 10 U.S.C., AFI 36-2618, *The Enlisted Force Structure*, and the 1 WXG Commander, acts in his/her stead in matters affecting the command.

A2.3.3.3. Manages 1 WXG recognition, specialty training, assignment, mobility, and other personnel programs for the enlisted force.

A2.3.3.4. Serves as Functional Area Manager for enlisted technical training graduate allocations and assignment of enlisted personnel within the 1 WXG.

A2.3.3.5. Manages technical standardization programs and activities for the 1 WXG.

A2.3.4. COMMANDER'S SUPPORT STAFF.

A2.3.4.1. Administers Commander's performance reporting, personnel recognition, awards and decorations programs.

A2.3.4.2. Manages 1 WXG report and suspense program.

A2.3.4.3. Manages and administers 1 WXG Command visits and official travel.

A2.3.4.4. Performs workgroup management activities for the 1 WXG staff.

A2.3.4.5. Advises, monitors, and assists Unit Administration at subordinate units.

A2.4. OWS Functional Statements.

A2.4.1. COMMANDER.

A2.4.1.1. Provides leadership and exercises command jurisdiction over all activities of the OWS.

A2.4.1.2. Provides management oversight of weather operations affecting OWS units, evaluates trends, and formulates policies and procedures.

A2.4.1.3. Assesses organizational capabilities and assists the 1 WXG Command in establishing organizational goals to exploit these capabilities.

A2.4.1.4. Leads and manages weather operations for the OWS area of responsibility.

A2.4.1.5. Develops and maintains technical material, standing operating procedures, and formal agreements with supported units.

A2.4.1.6. Evaluates technical performance, identifies trends, and provides corrective measures to address performance deficiencies and continuously improve weather processes and procedures.

A2.4.1.7. Establishes and maintains standards of performance for weather operations.

A2.4.1.8. Administers Quality Force Program.

A2.4.1.9. Administers personnel action requiring Squadron Commander approval for assignments and reenlistments within the OWS.

A2.4.1.10. Responsible for the morale, health, welfare, and personnel support of all military personnel assigned to the OWS.

A2.4.1.11. Administers unit deployment activities.

A2.4.2. UNIT ADMINISTRATION.

A2.4.2.1. Administers Quality Force Program.

A2.4.2.2. Administers personnel action requiring Squadron Commander approval for assignments and reenlistments within the OWS.

A2.4.2.3. Responsible for the morale, health, welfare, and personnel support of all military personnel assigned to the OWS.

A2.4.2.4. Administers unit deployment activities.

A2.4.3. DIRECTOR OF OPERATIONS.

A2.4.3.1. Leads and manages weather operations for the OWS area of responsibility.

A2.4.3.2. Develops and maintains technical material, standing operating procedures, and formal agreements with supported units.

A2.4.3.3. Evaluates technical performance, identifies trends, and provides corrective measures to address performance deficiencies and continuously improve weather processes and procedures.

A2.4.3.4. Establishes and maintains standards of performance for weather operations.

A2.4.4. OPERATIONAL WEATHER FLIGHTS.

A2.4.4.1. Produces and disseminates mission planning and execution weather analyses, forecasts, and briefings for Air Force, Army, Guard, Reserve, USSTRATCOM, USJFCOM, and USNORTHCOM forces operating within the USNORTHCOM AOR.

A2.4.4.2. Provides hazardous weather warning services to over 400 Total Force installations/sites.

A2.4.5. TRAINING AND SYSTEMS.

A2.4.5.1. Operates and provides corrective and preventative maintenance for squadron data processing systems, small computers and workstations.

A2.4.5.2. Manages, administers, provides, and evaluates position qualification and upgrade training for squadron members.

A2.4.5.3. Administers and maintains standards evaluation materials and administers personal qualification checkrides.