NOAA FORM 17-4 (4-81) U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

Form Approved OMB Control No. 0648-0025
Expires 05/31/2027

INITIAL REPORT ON WEATHER MODIFICATION ACTIVITIES

This report is required by Public Law 92-205; 85 Stat. 735; 15 U.S.C. 330b. Knowing and willful violation of any rule adopted under the authority of Section 2 of Public Law 92-205 shall subject the person violating such rule to a fine of not more than $10,000, upon conviction thereof.

Complete in accordance with instructions on reverse and forward one copy to:
National Oceanic and Atmospheric Administration
Office of Oceanic and Atmospheric Research
1315 East-West Highway, WWMC-3, Rm 11216
Silver Spring, MD 20910

1. PROJECT OR ACTIVITY DESIGNATION, IF ANY

Convection Research

2. DATES OF PROJECT

a. DATE FIRST ACTUAL WEATHER MODIFICATION ACTIVITY IS TO BE UNDERTAKEN: August 3, 2026

b. EXPECTED TERMINATION DATE OF WEATHER MODIFICATION ACTIVITIES: August 31, 2026

3. PURPOSE OF PROJECT OR ACTIVITY

Field research on atmospheric convection.

4. (a) SPONSOR

NAME: Convective Technology Company

AFFILIATION: Convective Technology Company
PHONE NUMBER: (510) 931-3593
STREET ADDRESS: 4595 Ross
CITY: San Jose
STATE: CA
ZIP CODE: 95124

4. (b) OPERATOR

NAME: Convective Technology Company

AFFILIATION: Convective Technology Company
PHONE NUMBER: (510) 931-3593
STREET ADDRESS: 4595 Ross
CITY: San Jose
STATE: CA
ZIP CODE: 95124

5. TARGET AND CONTROL AREAS (See Instructions)

TARGET AREA		CONTROL AREA	
LOCATION: Early County, Georgia.	SIZE OF AREA: 12.6 SQ. MI	LOCATION: Area not above or downwind of the burn site	SIZE OF AREA: N/A SQ. MI

6. DESCRIPTION OF WEATHER MODIFICATION APPARATUS, MODIFICATION AGENTS AND THEIR DISPERSAL RATES, THE TECHNIQUES EMPLOYED, ETC. (See Instructions)

Ground-based natural gas burn capable of reaching 420 million British thermal units per minute of output to augment convection.

7. LOG BOOKS *Enter name, affiliation, address, and telephone number of responsible individual from whom log books or other records may be obtained.*

NAME: Willoughby Winograd

AFFILIATION: Convective Technology Company
PHONE NUMBER: (510) 931-3593
STREET ADDRESS: 4595 Ross
CITY: San Jose
STATE: CA
ZIP CODE: 95124

8. SAFETY AND ENVIRONMENT

☐ YES	☑ NO	Has an Environmental Impact Statement, Federal or State, been filed? If yes, please furnish a copy as applicable.
☑ YES	☐ NO	Have provisions been made to acquire the latest forecasts, advisories, warnings, etc., of the National Weather Service, Forest Service, or others when issued prior to and during operations? If yes, please specify on a separate sheet.
☑ YES	☐ NO	Have any safety procedures (*operational constraints, provisions for suspension of operations, monitoring methods, etc.*) and any environmental guidelines (*related to the possible effects of the operations*) been included in the operational plans? If yes, please furnish copies or a description of the specific procedures and guidelines.

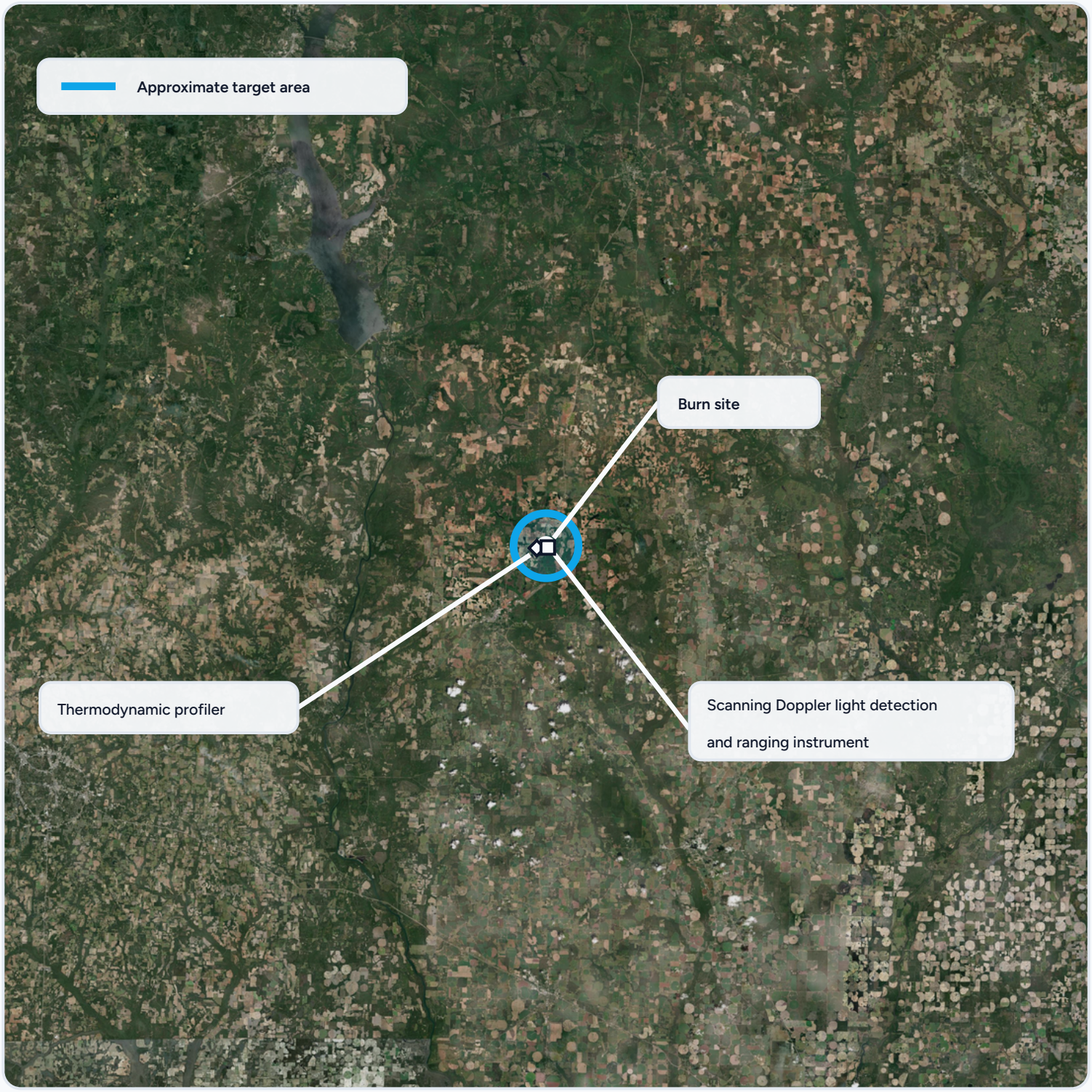
9. OPTIONAL REMARKS (See instructions. Use Separate Sheet).

CERTIFICATION: I certify that all statements in this report on this weather modification project are complete and correct to the best of my knowledge and are made in good faith.

NAME OF REPORTING PERSON: Willoughby Winograd

AFFILIATION: Convective Technology Company
SIGNATURE: Willoughby Winograd
STREET ADDRESS: 4595 Ross
OFFICIAL TITLE: Chief Operating Officer
CITY: San Jose
STATE: CA
ZIP CODE: 95124
DATE: July 24, 2026
PHONE NUMBER: (510) 931-3593

Attachment A: Target Area Map



Imagery: Esri World Imagery

Attachment B: Safety and Environmental Information

Further Information in Response to Item 8(ii)

Safety procedures and environmental guidelines include the use of the latest National Weather Service (NWS) forecasts, advisories, warnings, and other products, such as radar data, atmospheric soundings, flood forecasts, and observations of local weather conditions. The project will monitor weather watches issued by the NWS Storm Prediction Center and all warnings, advisories, and short-term forecasts issued by the NWS.

The project will also monitor and incorporate the best available public weather forecasts and observational data into its safeguards. These data will include observations from an on-site scanning Doppler light detection and ranging (LiDAR) instrument and a thermodynamic profiler.

Further Information in Response to Item 8(iii)

Gas storage and handling will follow the applicable requirements of National Fire Protection Association (NFPA) 59A, Standard for the Production, Storage, and Handling of Liquefied Natural Gas (LNG), as adopted by the state and incorporated by reference into the regulations of the Pipeline and Hazardous Materials Safety Administration.

Operations will be suspended if any required safety, weather, airspace, or environmental condition is not met. Operations will also be suspended if a threat to public or environmental health is identified.