NOAA FORM 17-4A (4-81)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

Form Approved OMB No. 0648-0025
Expires 12/31//2007

# INTERIM ACTIVITY REPORTS AND FINAL REPORT

This report is required by Public Law 92-205; 85 Stat. 735; 145 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.

NOAA FILE NUMBER: PGCD-2024

[ ] INTERIM REPORT [X] FINAL REPORT

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 SSMC-3 Room 11216
Silver Spring, MD 20910

REPORTING PERIOD: FROM 04/01/2024 TO 09/30/2024

| MONTH | (a) NUMBER OF MODIFICATION DAYS | (b) NUMBER OF MODIFICATION DAYS PER MAJOR PURPOSE | | | | (c) HOURS OF APPARATUS OPERATION BY TYPE | | (d) TYPE AND AMOUNT OF AGENT USED | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | INCREASE PRECIPITATION | ALLEVIATE | | OTHER | AIRBORNE | GROUND | SILVER IODIDE | CARBON DIOXIDE | UREA | SODIUM CHLORIDE | OTHER |
| | | | HAIL | FOG | | | | | | | | |
| JANUARY | | | | | | | | | | | | |
| FEBRUARY | | | | | | | | | | | | |
| MARCH | | | | | | | | | | | | |
| APRIL | 0 | 0 | | | | 0 | | 0 | | | | 0 |
| MAY | 1 | 1 | | | | 10 | | 33 | | | | 500 |
| JUNE | 12 | 12 | | | | 31 | | 1,304 | | | | 8,500 |
| JULY | 7 | 7 | | | | 20 | | 958 | | | | 5,000 |
| AUGUST | 9 | 9 | | | | 27 | | 991 | | | | 7,500 |
| SEPTEMBER | 3 | 3 | | | | 10 | | 292 | | | | 1,500 |
| OCTOBER | | | | | | | | | | | | |
| NOVEMBER | | | | | | | | | | | | |
| DECEMBER | | | | | | | | | | | | |
| TOTAL | 32 | 32 | 0 | 0 | 0 | 99 | 0 | 3,578 | 0 | 0 | 0 | 23,000 |
| TOTALS FOR FINAL REPORT | | | | | | | | | | | | |

DATE ON WHICH FINAL WEATHER MODIFICATION ACTIVITY OCCURRED *(For Final Report only.)* 09/18/2024

**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: Corey E. Clay

AFFILIATION: Panhandle Groundwater Conservation District

SIGNATURE: Corey Clay
Digitally signed by Corey Clay
Date: 2024.10.07 20:55:24 -05'00'

STREET ADDRESS: 201 W. 3rd Street/PO Box 637

OFFICIAL TITLE: Meteorologist

CITY: White Deer | STATE: TX | ZIP CODE: 79097

DATE: 10/07/2024

# INSTRUCTIONS FOR INTERIM AND FINAL REPORTS

Any person engaged in any weather modification project or activity in the United States on January 1 in any year shall submit one copy of this form setting forth as of such date the information required with respect to each such continuing project or activity not previously furnished in a prior interim report. The box indicating "Interim Report" should be checked. The January 1 date shall not apply if other arrangements have previously been made with the written approval of the Administrator of NOAA. The report shall be received by NOAA not later than 45 days following the end of the reported period.

Upon completion of a project or activity one copy of this report shall be submitted and the box checked indicating "Final Report." The final report shall be received by NOAA not later than 45 days after the completion of the project or activity.

The NOAA File Number should be filled in for any project for which the Administrator has assigned a file number.

A supplemental report in letter form referring to the appropriate NOAA file number must be made to the Administrator if the "Interim" or "Final" reports are found to contain any material inaccuracies, misstatements, and omissions.

## INTERIM REPORT

The information in Items (a) through (d) on the report form should be provided as prescribed below for the months to which the report pertains. I no data are applicable for any given item in any month, enter zero.

Item (a). Enter number of days on which actual weather modification activities took place.

Item (b). Enter in the appropriate column number of days on which modification activities were conducted, segregated by each of the major purposes of the activities. Normally, the total of entries in (b) would equal total in (a).

Item (c). Enter in the appropriate column total number of hours of operation of each type of weather modification apparatus, (i.e., net hours of agent release). If the form does not contain sufficient space, report additional types on a separate sheet.

Item (d). Enter in the appropriate column total amount of agent used, by type. If the form does not contain sufficient space, report additional types on a separate sheet. **Silver Iodide (grams), Carbon Dioxide (pounds), Urea (gallons), Sodium Chloride (grams), Other (indicate on a separate sheet the type and unit of measure).**

The totals for these items shall be provided for the period covered by the interim report.

## FINAL REPORT

The final report shall contain the information required for interim reports, to the extent not previously reported. In addition, the items designated as "Totals for Final Report" should be reported. This information should pertain to the entire project or activity period, rather than only the period since the last interim report. At the space at the end of the form, enter the date on which final weather modification activity occurred.

# INFORMATION PROVIDED UNDER THE PROVISIONS OF THE PAPERWORK REDUCTION ACT OF 1995

The Paperwork Reduction Act of 1995 requires that individuals or organizations be provided with the following information if they provide information on paper forms which are collected by the Federal Government.

1. Public Law 92-205, enacted December 18, 1971 (amended by Public Law 94-490, Section 6(b), October 15, 1976) requires that all non-federal weather modification activities in the United States and its territories be reported to the Secretary of Commence. The National Oceanic and Atmospheric Administration has implemented the Act and the current reporting requirements are published in the Catalog of Federal Regulations (15 CFR 908).

2. The intent of the program is to increase expertise in the field of weather modification, to allow scientists and other concerned persons to have access to information on current and past efforts at weather modification, to help avoid unneeded and wasteful duplications, to aid in preventing territorial overlapping of weather modification operations, to provide data to assess possible harmful or dangerous activities, and to furnish information to check both desirable and undesirable atmospheric changes against records of weather modification efforts. To meet this objective, information is collected on the location and size of the target area, names and addresses of sponsors and operators, beginning and ending dates of the project, specific purpose, description of apparatus and seeding agents to be used, number of days of operations, number of hours of operations of each type of weather modification apparatus, and total amount of seeding agent used.

3. Public reporting burden for this collection of information is estimated to average .5 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this data collection, including suggestions for reducing this burden, to Ms. Karen Williams, DOC/NOAA/OAR, 1315 East West Highway, Silver Spring, MD 20910.

4. Reporting of this information under PUBLIC Law 92-205, enacted December 18, 1971 (amended by Public Law 94-490, Section 6(b), October 15, 1976) is mandatory.

5. Confidentiality is not a requirement for this reporting; no sensitive information is required.

6. Notwithstanding any other provision of the law, no person is required to respond to, nor shall any person be subject to a penalty for failure to comply with, a collection of information subject to the requirements of the Paperwork Reduction Act, unless that collection of information displays a currently valid OMB Control Number.

August 1,1998

Expires 09/30/2007

d. Calcium Chloride flares are used at a weight of 500 g each.