SOAR

SEEDING OPERATIONS AND ATMOSPHERIC RESEARCH

12 January 2023

National Oceanic and Atmospheric Administration

Office of Oceanic and Atmospheric Research

1315 East-West Highway SSMC-3 Room 11554

Silver Springs, Md 20910

RE: NOAA Form 17-4A, Final Report of Weather Modification for:

New Mexico and Rolling Plains Weather Modification Program

Seeding Operations and Atmospheric Research is pleased to submit the enclosed final report of weather modification activities conducted during the summer of 2022, in compliance with the National Oceanic and Atmospheric Administration's weather modification reporting requirements (PL.205,92nd Congress).

For questions contact Gary L. Walker 806.445.4505 glw.soar@gmail.com

Thank you,

Gary L. Walker

Gary L. Walker

SOAR

NOAA FORM 17-4A
(4-81)

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

Form Approved OMB Control No. 0648-0025
Expires 05/31/2021

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

☐ INTERIM REPORT ☑ 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, Rm. 11216
Silver Spring, MD 20910

REPORTING PERIOD
FROM 1 MAY 2022 TO 5 SEPT 2022

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 HAIL	ALLEVIATE FOG	OTHER	AIRBORNE	GROUND	SILVER IODIDE grams	CARBON DIOXIDE	UREA	SODIUM CHLORIDE	OTHER grams
JANUARY												
FEBRUARY												
MARCH												
APRIL												
MAY	7	7				7.6		480				2100
JUNE	10	10				14.9		620				3000
JULY	5	5				9.3		260				1200
AUGUST	8	8				14.0		451				4000
SEPTEMBER	5	5				6.2		290				2000
OCTOBER												
NOVEMBER												
DECEMBER												
TOTAL												
TOTALS FOR FINAL REPORT												

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

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: GARY L. WALKER
SIGNATURE: Gary L. Walker
OFFICIAL TITLE: PROJECT DIRECTOR
DATE: 12 JANUARY 2023

AFFILIATION: SEEDING OPERATIONS & ATMOSPHERIC RESEARCH
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