14-1437

Complete in accordance with instructions on reverse and forward 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

Form Approved: OMB No. 0648-0025 Expires 09/30/2014

NOAA FORM 17-4 (4-81)

U.S. DEPARTMENT OF COMMERCE
NAT'L OCEANIC AND ATMOSPHERIC ADM.

INITIAL REPORT ON WEATHER MODIFICATION ACTIVITIES (P.L. 205, 92ND. CONGRESS)

1. PROJECT OR ACTIVITY DESIGNATION, IF ANY
Stanislaus Weather Modification Program

2. DATES OF PROJECT

a. DATE FIRST ACTUAL WEATHER MODIFICATION ACTIVITY IS TO BE UNDERTAKEN: 11/01/2014

b. EXPECTED TERMINATION DATE OF WEATHER MODIFICATION ACTIVITIES: 04/31/2015

3. PURPOSE OF PROJECT OR ACTIVITY
Increase precipitation in select mountainous regions of central CA

4. (a) SPONSOR

NAME		
Dennis Tarap, Hydro Operations Supervisor		
AFFILIATION	PHONE NUMBER	
Northern California Power Agency	(209)728-1387	
STREET ADDRESS		
477 Bret Harte Dr.		
CITY	STATE	ZIP CODE
Murphys	CA	95247

4. (b) OPERATOR

NAME		
Hans Ahlness		
AFFILIATION	PHONE NUMBER	
Weather Modification, Inc.	(701)235-5000	
STREET ADDRESS		
3802 20th Street North		
CITY	STATE	ZIP CODE
Fargo	ND	58102

5. TARGET AND CONTROL AREAS (See Instructions)

TARGET AREA		CONTROL AREA	
LOCATION	SIZE OF AREA	LOCATION	SIZE OF AREA
East-Central California, USA	~74 SQ.MI	NA	NA SQ.MI.

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

Airborne glaciogenic seeding techniques will be used to treat the specified target areas above the New Spicer Dam and North Fork Diversion Dam, and some areas below the North Fork Diversion Dam. Seeding will be accomplished by the use of pyrotechnic flares. The aircraft will dispense silver iodide seeding agent at the rate of 16 (sixteen) grams of silver iodide over a period of about 4 (four) minutes or at the rate of 2 (two) grams of silver iodide over a period of about 1 (one) every minute when storm conditions are favorable. Seeding will be guided by the project meteorologist, furnished by Northern California Power Agency. Additional meteorological services (forecasting) will be provided by Weather Modification, Inc.

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

NAME		
Ms/ Erin Fischer		
AFFILIATION	PHONE NUMBER	
Weather Modification, Inc.	(701)235-5000	
STREET ADDRESS		
3802 20th Street North		
CITY	STATE	ZIP CODE
Fargo	ND	58102

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.

8. SAFETY AND ENVIRONMENT

- [ ] YES [X] NO — Has an Environmental Impact Statement, Federal or State been filed? If yes, please furnish a copy as applicable.
- [X] 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.
- [X] 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.)*

NAME	CERTIFICATION: I certify that the above statements are true, complete and correct to the best of my knowledge and belief.		
Hans Ahlness			
AFFILIATION	SIGNATURE		
Weather Modification, Inc.			
STREET ADDRESS	OFFICIAL TITLE		
3802 20th Street North	Vice President - Operations		
CITY / STATE / ZIP CODE	DATE	PHONE NUMBER	
Fargo / ND / 58102	10/28/2014	(701)235-5000	201

NOAA FORM 17-4A (4-81)

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

Form Approved OMB No. 0648-0025
Expires 10/31/2001

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
14-1637 Stanislaus Weather Modification Program

[ ] 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 11554
Silver Spring, MD 20910

REPORTING PERIOD
FROM 11/01/2014 TO 04/30/2015

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	1	1				2		460				
FEBRUARY	3	3				13		11,490				
MARCH	2	2				3		690				
APRIL	6	6				14		7,850				
MAY												
JUNE												
JULY												
AUGUST												
SEPTEMBER												
OCTOBER												
NOVEMBER	6	6				17		13,150				
DECEMBER	8	8				27		17,810				
TOTAL	26	26	0	0	0	75	0	51,450	0	0	0	0
TOTALS FOR FINAL REPORT	26	26				75		51,450				

DATE ON WHICH FINAL WEATHER MODIFICATION ACTIVITY OCCURRED *(For Final Report only.)* 04/25/2015

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
Erin Fischer

AFFILIATION Weather Modification, Inc.

SIGNATURE

STREET ADDRESS 3802 20th Street N

OFFICIAL TITLE
Technical Writer/Project Custodian

CITY Fargo | STATE ND | ZIP CODE 58102

DATE 06/10/2015

14-1437

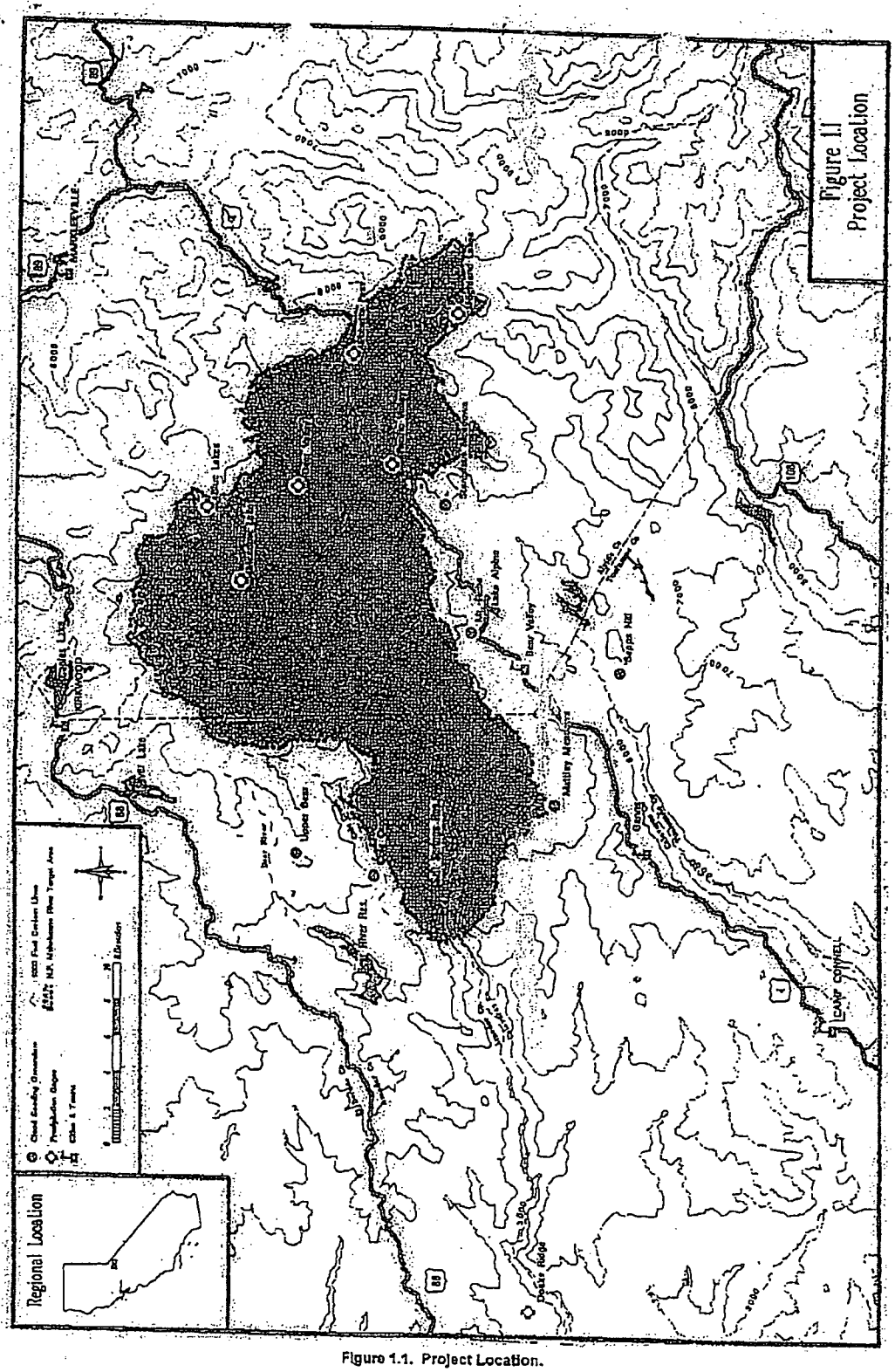


Figure 1.1. Project Location.

November 7, 2014

Mr. Hans Ahlness
Weather Modification, Inc.
3802 20th Street North
Fargo, ND 58102

Dear Mr. Ahlness:

Thank you for your Initial Reports for the Weather Modification, Inc. projects. The projects were assigned the following NOAA file numbers.

Project Name:	**NOAA File Number:**
Stanislaus Weather Modification Program	14-1637
Upper Toulumne River Weather Modification	14-1638

As a reminder, please submit a Final Report within 45 days after the project has terminated. This is mandated under Public Law 92-205.

Sincerely,

Karen E. Williams, Manager
Weather Modification Activities
Reporting Program

WEATHER MODIFICATION
INCORPORATED

October 28, 2014

National Oceanic and Atmospheric Administration
Office of Oceanic and Atmospheric Research
Attn: Karen Williams (301) 713-9397 x 202
1315 East-West Highway SSMC-3 Room 11216
Silver Springs, MD 20910

RE: 2014-2015 NOAA FORM 17-4 Initial Report
Stanislaus Weather Modification Program

Dear Ms. Williams:

Weather Modification, Inc is pleased to submit the enclosed with compliance with the National Oceanic and Atmospheric Administration's weather modification activities reporting requirements (P.L. 205, 92nd, Congress). Below is a summary of additional information required by NOAA Form 17-4.

If you have any questions, please do not hesitate to call.

Item 5: Aircraft operations – please see enclosed map.

Item 8: Weather Modification, Inc. is not aware of any EIS or EA conducted for this program. Additional information regarding this can be obtained from the client.

Contact Information: Mr. Dennis Tarap (209) 728-1387, ext.234
Hydro Operations Supervisor
Northern California Power Agency (NCPA)
477 Bret Harte Drive, Murphys CA 94247

Provisions will be made to acquire the latest weather information, including advisories, watches, and warnings from the National Weather Service. Snowpack and water storage levels will be monitored for communicated seeding suspension or termination on a routine basis.

Item 9: No additional comments.

Sincerely,

Hans Ahlness
Vice President – Operations

Tel: 1-701-235-5500 • Fax: 1-701-235-9717 • 3802 20th St N • Fargo, ND 58102 • USA
www.weathermodification.com

North American Weather Consultants, Inc.

8180 South Highland Drive, Suite B-2
Sandy, Utah 84093
Telephone 801-942-9005
Facsimile 801-942-9007
E-Mail nawc@nawcinc.com

Air Quality, Applied Meteorology, Meteorological Research, Weather Modification

January 8, 2015

Karen Williams
US Department of Commerce
NOAA/Office of Oceanic and Atmospheric Research
1315 East-West Highway SSMC-3 Room 11340
Silver Spring, MD 20910

Dear Ms. Williams:

We have enclosed interim cloud seeding report forms for the following programs, for the 2014-2015 winter season:

High Uintas, Utah
Western Uintas, Utah
Northern Utah
Kings River, California

The final report for the Alta/Snowbird Utah program is also enclosed.

Please contact us if you have any questions.

Sincerely,

Mark Solak
Vice-President