09-1464

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 12/31/2007

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: 11/01/2009
b. EXPECTED TERMINATION DATE OF WEATHER MODIFICATION ACTIVITIES: 04/15/2010

3. PURPOSE OF PROJECT OR ACTIVITY
Increase precipitation in select mountainous areas of east-central CA.

4. (a) SPONSOR

NAME	AFFILIATION	PHONE NUMBER
Northern California Power Agency (NCPA)	NA	(916) 781-3636

STREET ADDRESS	CITY	STATE	ZIP CODE
180 Cirby Way	Roseville	CA	95678

4. (b) OPERATOR

NAME	AFFILIATION	PHONE NUMBER
Hans Ahlness	Weather Modification, Inc.	(701) 235-5500

STREET ADDRESS	CITY	STATE	ZIP CODE
3802 20th Street North	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	SQ.MI.

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

Airborne glaciogenic seeding 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 combustion of pyrotechnic flares, one at a time. 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 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	AFFILIATION	PHONE NUMBER
Erin Fischer	Weather Modification, Inc.	(701) 235-5500

STREET ADDRESS	CITY	STATE	ZIP CODE
3802 20th Street North	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
Hans Ahlness	I certify that the above statements are true, complete and correct to the best of my knowledge and belief.

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	10/16/2009	(701) 235-5500

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
09-1464 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 11216
Silver Spring, MD 20910

REPORTING PERIOD
FROM 11/15/~~2010~~ 2009 TO 04/30/2010

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	7	7				19		6,670				
FEBRUARY	5	5				11		4,760				
MARCH	7	7				20		10,930				
APRIL	4	4				8		2,710				
MAY												
JUNE												
JULY												
AUGUST												
SEPTEMBER												
OCTOBER												
NOVEMBER	2	2				5		2,150				
DECEMBER	7	7				21		8,170				
TOTAL	32	32	0	0	0	84	0	35,390	0	0	0	0
TOTALS FOR FINAL REPORT												

DATE ON WHICH FINAL WEATHER MODIFICATION ACTIVITY OCCURRED *(For Final Report only.)* 04/28/2010

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
Hans Ahlness

AFFILIATION Weather Modification, Inc.

SIGNATURE

STREET ADDRESS 3802 20th Street North

OFFICIAL TITLE
Vice President - Operations

CITY Fargo | STATE ND | ZIP CODE 58102

DATE 05/01/2010

WEATHER MODIFICATION
INCORPORATED

May 1, 2010

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: 2009-10 NOAA FORM 17-4A
Stanislaus Weather Modification Program
NOAA Case #09-1464

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). As in the past, the total amount of chemical listed is based on total reagent dispensed in grams.

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

Sincerely,

Hans Ahlness
Vice President - Operations

enc: 2009-10 Final Report on Weather Modification Activities for the Stanislaus Weather Modification Program.

Tel: 1.701.235.5500 • Fax: 1.701.235.9717 • 3802 20th St N • Fargo, ND 58102 • USA
www.weathermodification.com

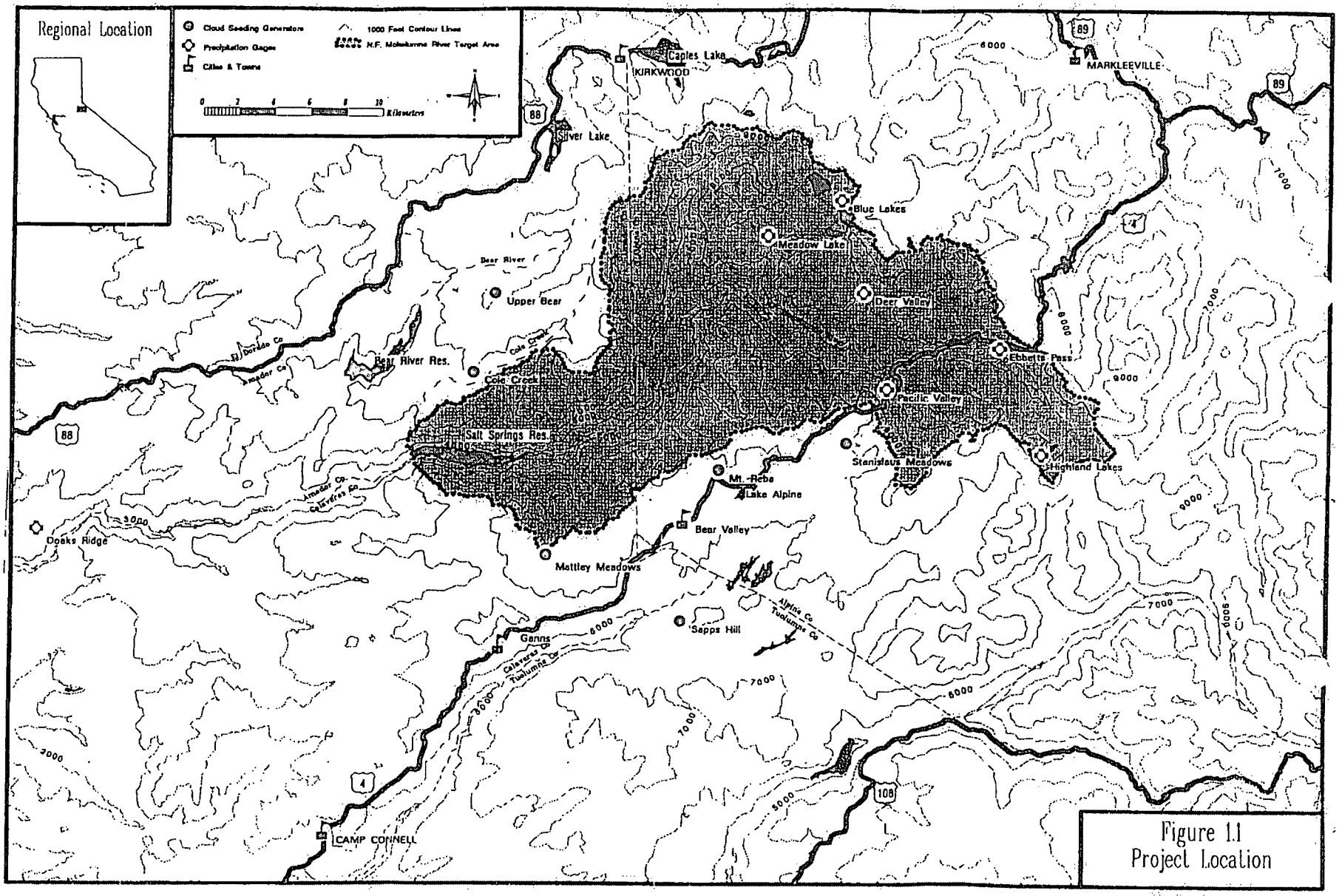


Figure 1.1. Project Location.

WEATHER MODIFICATION INC.

3802 20TH ST. N.
FARGO, ND USA
58102

PHONE
[701] 235-5500

FAX
[701] 235-9717

E-MAIL
info@weathermod.com

WEB SITE
www.weathermod.com

October 16, 2009

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: 2009-10 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. Barry Sullivan (209) 728-1387
Northern California Power Agency (NCPA)
Operations Supervisor, Hydroelectric Operations
180 Cirby Way, Roseville, CA 95678

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

UNITED STATES DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
Silver Spring, MD 20910

OFFICE OF OCEANIC AND ATMOSPHERIC RESEARCH

October 21, 2009

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

Dear Mr. Anlness:

Thank you for your Initial Reports for the Weather Modification, Inc. The projects were assigned the following NOAA File Numbers:

Project Name:	NOAA File Number:
Tuolumne	09-1463
Stanislaus	09-1464

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 Williams

Ms. Karen Williams, Manager
Weather Modification Activities
Reporting Program

Printed on Recycled Paper