11-1519 ✓

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: 11/15/2010

b. EXPECTED TERMINATION DATE OF WEATHER MODIFICATION ACTIVITIES: 04/15/~~2010~~ 2011

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

4. (a) SPONSOR

NAME			
Mark Neuvert			
AFFILIATION	PHONE NUMBER		
Northern California Power Agency	(209) 728-1387		
STREET ADDRESS			
477 Bret Harte Drive			
CITY	STATE	ZIP CODE	
Murphys	CA	94247	

4. (b) OPERATOR

NAME			
Hans Ahlness			
AFFILIATION	PHONE NUMBER		
Weather Modification, Inc.	(701) 235-5500		
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	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		
Erin Fischer		
AFFILIATION	PHONE NUMBER	
Weather Modification, Inc.	(701) 235-5500	
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	11/22/2010	(701) 235-5500 201

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
11-1519

[ ] 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 TO 03/18/2011

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	3	3				6		2,430				
FEBRUARY	3	3				10		2,070				
MARCH												
APRIL												
MAY												
JUNE												
JULY												
AUGUST												
SEPTEMBER												
OCTOBER												
NOVEMBER	5	5				18		9,070				
DECEMBER	9	9				24		7,820				
TOTAL	20	20	0	0	0	58	0	21,390	0	0	0	0
TOTALS FOR FINAL REPORT												

DATE ON WHICH FINAL WEATHER MODIFICATION ACTIVITY OCCURRED *(For Final Report only.)* 02/17/2011

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 04/26/2011

WEATHER MODIFICATION
INCORPORATED

November 22, 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: 2010-11 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. Mark Neuvert (209) 728-1387
Northern California Power Agency (NCPA)
Operations Supervisor, Hydroelectric Operations
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

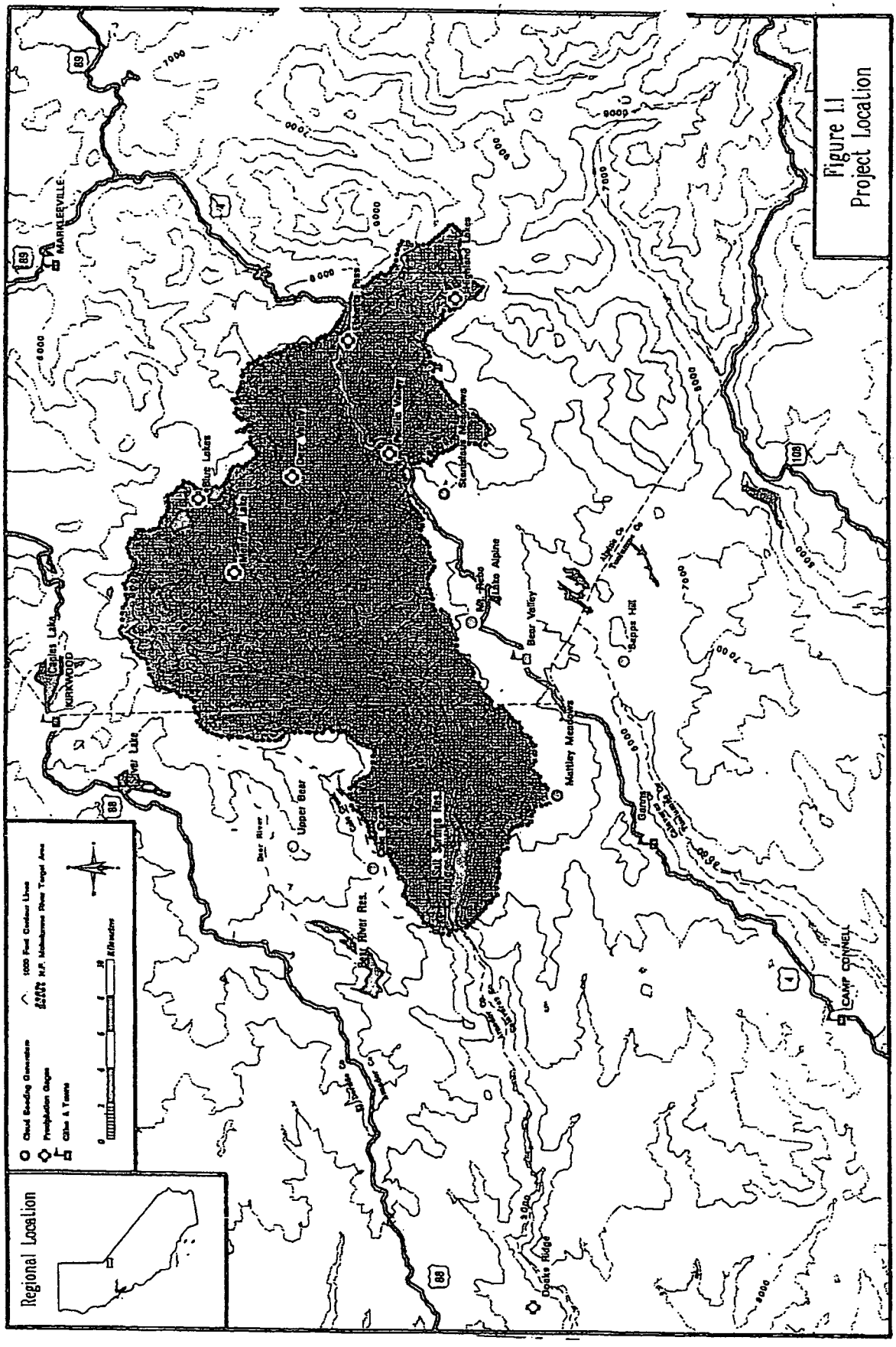


Figure 1.1. Project Location.

WEATHER MODIFICATION
INCORPORATED

26 April 2011

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: NOAA Forms 17-4A, Final Report on Weather Modification Activities
File No. 11-1519 – Stanislaus
File No. 11-1520 – Upper Tuolumne River

Dear Ms. Williams:

Weather Modification, Inc. is pleased to submit the enclosed final reports of the weather modification activities conducted during the 2010-2011 winter season, in compliance with the National Oceanic and Atmospheric Administration's weather modification activities reporting requirement (P.L. 205, 92nd Congress).

If you have any questions, please contact me by telephone at: (701) 235-5500 or by e-mail at hahlness@weathermodification.com.

Sincerely,

Hans Ahlness
Vice President – Operations

enc: NOAA Forms 17-4A, File 11-1519, File 11-1520

cc: Mark Neuvert, Northern California Power Agency
Jason Carkeet, Turlock & Modesto Irrigation Districts

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

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

OFFICE OF OCEANIC AND ATMOSPHERIC RESEARCH

December 1, 2010

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

Dear Mr. Ahiness,

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

PROJECT TITLE	NOAA FILE NUMBER
Stanislaus	11-1519
Upper Tuolumne River	11-1520

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

Karen Williams, Manager
Weather Modification Activities
Reporting Program

Printed on Recycled Paper