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
Northern Utah

2. DATES OF PROJECT

a. DATE FIRST ACTUAL WEATHER MODIFICATION ACTIVITY IS TO BE UNDERTAKEN: 12/01/2018

b. EXPECTED TERMINATION DATE OF WEATHER MODIFICATION ACTIVITIES: 03/31/2019

3. PURPOSE OF PROJECT OR ACTIVITY
Increase snowpack

4. (a) SPONSOR

NAME		
Craig Buttars		
AFFILIATION	PHONE NUMBER	
Cache County, Utah	(435) 716-7171	
STREET ADDRESS		
199 Main Street		
CITY	STATE	ZIP CODE
Logan	UT	84321

4. (b) OPERATOR

NAME		
Don Griffith		
AFFILIATION	PHONE NUMBER	
North American Weather Consultants	(801) 942-9005	
STREET ADDRESS		
8180 South Highland Drive, Suite B-2		
CITY	STATE	ZIP CODE
Sandy	UT	84093

5. TARGET AND CONTROL AREAS (See Instructions)

TARGET AREA		CONTROL AREA	
LOCATION	SIZE OF AREA	LOCATION	SIZE OF AREA
Portions of Box Elder and Cache Counties, Utah	1250 SQ.MI	Various sites in Utah, Nevada, and Idaho	NA SQ.MI.

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

Approximately 35 ground-based cloud nuclei generators will be used. Each generator emits 8 grams per hour of silver iodide. Operational decisions will be made at NAWC offices in Sandy, Utah.

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

NAME		
Don Griffith		
AFFILIATION	PHONE NUMBER	
North American Weather Consultants	(801) 942-9005	
STREET ADDRESS		
8180 South Highland Drive, Suite B-2		
CITY	STATE	ZIP CODE
Sandy	UT	84093

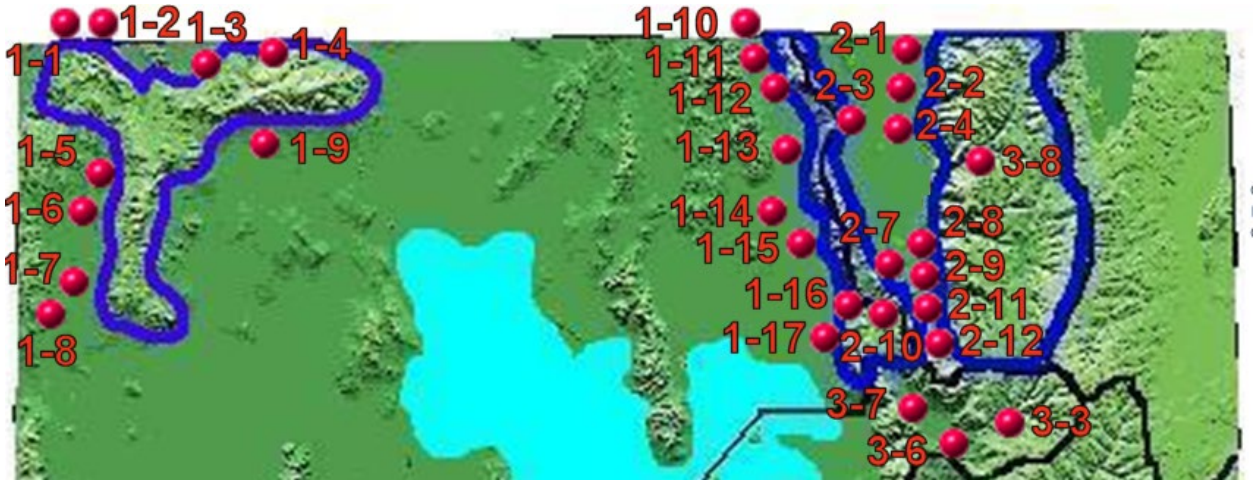
THIS REPORT IS REQUIRED BY PUBLIC LAW 92-205; 85 STAT 735; 15 U.S.C. 330b. KNOWING AND WILLFUL VIOLATION OF ANY RULE ADOPTED UNDER THE AUTHORITY OF SECTION 2 OF PUBLIC LAW 92-205 SHALL SUBJECT THE PERSON VIOLATING SUCH RULE TO A FINE OF NOT MORE THAN $10,000, UPON CONVICTION THEREOF.

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.	
Don Griffith		
AFFILIATION	SIGNATURE	
North American Weather Consultants		
STREET ADDRESS	OFFICIAL TITLE	
8180 South Highland Drive, Suite B-2	President	
CITY / STATE / ZIP CODE	DATE	PHONE NUMBER
Sandy / UT / 84093	11/07/2018	(801) 942-9005



Northern Utah target areas and generator sites