

Complete in accordance with instructions on reverse and forward copy:

Form Approved: OMB No. 0648-0025 Expires 09/30/2004

NOAA FORM 17-4 U.S. DEPARTMENT OF COMMERCE
(4-81) NAT'L OCEANIC AND ATMOSPHERIC ADM.
INITIAL REPORT ON WEATHER MODIFICATION ACTIVITIES (P.L. 205, 92ND CONGRESS)

TO: National Oceanic and Atmospheric Administration
Office of Oceanic and Atmospheric Research
1315 East-West Highway SSMC-3 Room 11554
Silver Spring, MD 20910

1. PROJECT OR ACTIVITY DESIGNATION, IF ANY
Eastern San Juan Program

2. DATES OF PROJECT

a. DATE FIRST ACTUAL WEATHER MODIFICATION ACTIVITY IS TO BE UNDERTAKEN *11-01-2005*

b. EXPECTED TERMINATION DATE OF WEATHER MODIFICATION ACTIVITIES *03-31-2006*

3. PURPOSE OF PROJECT OR ACTIVITY
Winter snowpack and precipitation augmentation

4. (a) SPONSOR

NAME
See attached pages

4. (b) OPERATOR

NAME
L. M. Hjermstad

AFFILIATION

PHONE NUMBER
(970) 247-8813

STREET ADDRESS

CITY

STATE

ZIP CODE
81302

5. TARGET AND CONTROL AREAS (See Instructions)

TARGET AREA

CONTROL AREA

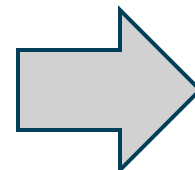
LOCATION *Eastern San Juan Mtns* SIZE OF AREA *800* SQ.MI. LOCATION *Northern New Mexico Mountains Along Continental Divide* SIZE OF AREA *500* SQ.MI.

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

Apparatus: (12) Twelve manually controlled ground-based cloud nuclei generators.

Modification Material: Acetone solution of 5% silver iodide & 1.25% sodium iodide. Rate of dispensing material will range from 3 Gm / Hr to 25 Gm / Hr depending on cloud-base moisture & temperature, cloud-base height and cloud type.

Precipitation Measurements: Standard NWS precipitation observations along with SCS Snotel observations in both seeded and control areas.



FILENAME: Eastern San Juan Program_07-1352_11.01.2006-03.31.2007.pdf

=== NOAA FORM 17-4: INITIAL REPORT ON WEATHER MODIFICATION ACTIVITIES ===
07-1352V

Complete in accordance with instructions on reverse and forward copy: Form Approved: OMB No. 0648-0025 Expires 09/30/2007

TO: National Oceanic and Atmospheric Administration NOAA FORM 17-4 U.S. DEPARTMENT OF COMMERCE
Office of Oceanic and Atmospheric Research (4-81) NAT'L OCEANIC AND ATMOSPHERIC ADM.
1315 East-West Highway SSMC-3 Room 11554 INITIAL REPORT ON WEATHER MODIFICATION
Silver Spring, MD 20910 ACTIVITIES (P.L. 205, 92ND CONGRESS)

1. PROJECT OR ACTIVITY DESIGNATION, IF ANY
Eastern San Juan Program

2. DATES OF PROJECT

a. DATE FIRST ACTUAL WEATHER MODIFICATION ACTIVITY IS TO BE UNDERTAKEN Nov. 1, 2006

3. PURPOSE OF PROJECT OR ACTIVITY
Winter snowpack and precipitation augmentation

b. EXPECTED TERMINATION DATE OF WEATHER MODIFICATION ACTIVITIES Mar. 31, 2007

4. (a) SPONSOR

NAME
See attached pages

4. (b) OPERATOR

AFFILIATION

PHONE NUMBER
(970) 247-8813

STREET ADDRESS

CITY

STATE

ZIP CODE
81302

5. TARGET AND CONTROL AREAS (See Instructions)

TARGET AREA

CONTROL AREA

LOCATION Eastern SAN Juan Mtns SIZE OF AREA 800 SQ.MI. LOCATION Northern New Mexico Mountains Along Continental Divide SIZE OF AREA 500 SQ.MI.

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

Apparatus: (12) Twelve manually controlled ground-based cloud nuclei generators.

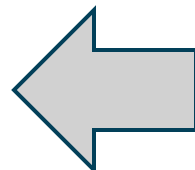
Modification Material: Acetone solution of 5% silver iodide & 1.25% sodium iodide. Rate of dispensing material will range from 3 Gm / Hr to 25 Gm / Hr depending on cloud-base moisture & temperature, cloud-base height and cloud type.

Precipitation Measurements: Standard NWS precipitation observations along with SCS Snotel observations in both seeded and control areas.

extracted PDF text

	A	B	C	D	E	F	G	H
1	filename	year	season	state	agent	apparatus	purpose	target_area
2	Western Kan	2002	summer	kansas	silver iodide,	airborne	hail suppress	western kans
3	Kings River_C	2006	winter	california	silver iodide	ground, airbc	precipitation	kings river
4	PGCD Precip	2005	fall	texas	silver iodide	airborne	rainfall enha	east central t
5	Panhandle R	2000	summer	texas	silver iodide	airborne	precipitation	texas panhar
6	2023UTCS-1	2024	winter	utah, nevada	silver iodide	ground, airbc	augment sno	southern and
7	Telluride Ski	2010	w			ground	snowpack au	upper san mi
8	Alta and Snow	2012	fa			ground	increase sno	alta and snow
9	Eastern Sierr	2000	w			airborne	precipitation	eastern sierr
10	Eastern Sierr	2002	winter	california	silver iodide	airborne	precipitation	eastern sierr
11	Eastern San J	2008	winter	colorado	silver iodide,	ground	snowpack au	eastern san j
12	2018UTSOCE	2018	winter	utah	silver iodide	ground	augment pre	southern and
13	NOAA # 0311	2006	summer	texas	silver iodide	airborne	rainfall enha	west texas
14	Telluride Ski	2011	winter	colorado	silver iodide,	ground	snowpack au	upper san mi
15	San Joaquin I	2005	winter	california	silver iodide	ground, airbc	precipitation	san joaquin r

dataset (CSV)



You are an expert data specialist in parsing historical NOAA Weather Modification Activity reports. For each report, utilize the PDF-converted text and filename to extract 9 critical fields ...

prompt engineering

OpenAI