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

[X] INTERIM REPORT [ ] 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 1/9/2025 TO 1/2/2026

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 HAIL	ALLEVIATE FOG	OTHER COOL EARTH	AIRBORNE	GROUND	SILVER IODIDE	CARBON DIOXIDE	UREA	SODIUM CHLORIDE	OTHER
JANUARY	2				2	≈18						SO_2 ≈11.7kg
FEBRUARY	2				2	≈18						SO_2 ≈19.4kg
MARCH	1				1	≈9						SO_2 ≈3.8kg
APRIL	1				1	≈9						SO_2 ≈13.1kg
MAY	1				1	≈9						SO_2 ≈8.2kg
JUNE	2				2	≈18						SO_2 ≈12.4kg
JULY	2				2	≈18						SO_2 ≈18.5kg
AUGUST	2				2	≈18						SO_2 ≈15.8kg
SEPTEMBER	2				2	≈18						SO_2 ≈14.6kg
OCTOBER	5				5	≈45						SO_2 ≈13.3kg + $CaCO_3$ ≈.1kg
NOVEMBER	2				2	≈18						SO_2 ≈5.8kg
DECEMBER	0											
TOTAL	22 Ø	0	0	0	0	0	0	0	0	0	0	SO_2 ≈136.5kg & $CaCO_3$ ≈.1kg
TOTALS FOR FINAL REPORT												

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

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: Luke Iseman

AFFILIATION: Make Sunsets Incorporated

SIGNATURE: Luke Iseman

STREET ADDRESS: 514 Americas Way #18412

OFFICIAL TITLE: Founder

CITY: Box Elder | STATE: SD | ZIP CODE: 57719

DATE: 1/2/2026

date	location	payload weight	payload substance	altitude
1/16/25	alameda	1155	sulfur dioxide	27999
1/16/25	alameda	1455	sulfur dioxide	29600
1/16/25	alameda	1415	sulfur dioxide	28070
1/21/25	alameda	1495	sulfur dioxide	32737
1/21/25	alameda	1395	sulfur dioxide	31451
1/21/25	alameda	1515	sulfur dioxide	28579
1/21/25	alameda	1585	sulfur dioxide	32192
1/21/25	alameda	1635	sulfur dioxide	33249
2/21/25	alameda	1465	sulfur dioxide	unknown
2/21/25	alameda	1415	sulfur dioxide	32491
2/21/25	alameda	1480	sulfur dioxide	32993
2/21/25	alameda	1480	sulfur dioxide	30229
2/21/25	alameda	1865	sulfur dioxide	26609
2/26/25	alameda	1675	sulfur dioxide	22818
2/26/25	alameda	1675	sulfur dioxide	19713
2/26/25	alameda	1775	sulfur dioxide	32504
2/26/25	alameda	1725	sulfur dioxide	30368
2/26/25	alameda	1675	sulfur dioxide	32387
2/26/25	alameda	1575	sulfur dioxide	26922
2/26/25	alameda	1575	sulfur dioxide	30300
3/28/25	alameda	420	sulfur dioxide	unknown
3/28/25	alameda	1885	sulfur dioxide	31452
3/28/25	alameda	1520	sulfur dioxide	33101
4/22/25	alameda	480	sulfur dioxide	12676
4/22/25	alameda	1465	sulfur dioxide	19812
4/22/25	alameda	1520	sulfur dioxide	unknown
4/22/25	alameda	480	sulfur dioxide	12595
4/22/25	alameda	1975	sulfur dioxide	unknown
4/22/25	alameda	1775	sulfur dioxide	29684
4/22/25	alameda	2075	sulfur dioxide	20081
4/22/25	alameda	1775	sulfur dioxide	29839

date	location	payload weight	payload substance	altitude
4/22/25	alameda	1576	sulfur dioxide	29992
5/27/25	alameda	580	sulfur dioxide	30596
5/27/25	alameda	1235	sulfur dioxide	30385
5/27/25	alameda	530	sulfur dioxide	4752
5/27/25	alameda	1520	sulfur dioxide	30354
5/27/25	alameda	600	sulfur dioxide	30907
5/27/25	alameda	1775	sulfur dioxide	13925
5/27/25	alameda	1962	sulfur dioxide	29826
6/23/25	oakland	1595	sulfur dioxide	30354
6/23/25	oakland	1395	sulfur dioxide	13775
6/23/25	oakland	1395	sulfur dioxide	13426
6/23/25	oakland	1695	sulfur dioxide	30894
6/27/25	oakland	1395	sulfur dioxide	15938
6/27/25	oakland	1535	sulfur dioxide	19345
6/27/25	oakland	1800	sulfur dioxide	18219
6/27/25	oakland	1600	sulfur dioxide	30358
7/11/25	oakland	1605	sulfur dioxide	17597
7/11/25	oakland	1555	sulfur dioxide	31505
7/11/25	oakland	1530	sulfur dioxide	31305
7/11/25	oakland	1551	sulfur dioxide	31030
7/11/25	oakland	1685	sulfur dioxide	18737
7/23/25	oakland	1385	sulfur dioxide	23755
7/23/25	oakland	1535	sulfur dioxide	31331
7/23/25	oakland	1635	sulfur dioxide	32120
7/23/25	oakland	1500	sulfur dioxide	31796
7/23/25	oakland	1500	sulfur dioxide	31284
7/23/25	oakland	1510	sulfur dioxide	25377
7/23/25	oakland	1460	sulfur dioxide	31913
8/8/25	oakland	1565	sulfur dioxide	5296
8/8/25	oakland	1480	sulfur dioxide	28616

date	location	payload weight	payload substance	altitude
8/8/25	oakland	1485	sulfur dioxide	32578
8/8/25	oakland	1995	sulfur dioxide	31369
8/8/25	oakland	1490	sulfur dioxide	30383
8/8/25	oakland	1610	sulfur dioxide	31855
8/8/25	oakland	1490	sulfur dioxide	31615
8/8/25	oakland	1470	sulfur dioxide	33285
8/8/25	oakland	1370	sulfur dioxide	31082
8/8/25	oakland	1620	sulfur dioxide	31342
8/27/25	oakland	200	sulfur dioxide	unknown
9/9/25	oakland	1305	sulfur dioxide	31386
9/9/25	oakland	1520	sulfur dioxide	31093
9/9/25	oakland	1580	sulfur dioxide	33083
9/9/25	oakland	1510	sulfur dioxide	33279
9/9/25	oakland	535	sulfur dioxide	13234
9/9/25	oakland	1805	sulfur dioxide	31690
9/9/25	oakland	1295	sulfur dioxide	8892
9/9/25	oakland	1695	sulfur dioxide	31895
9/19/25	oakland	1730	sulfur dioxide	29321
9/19/25	oakland	1580	sulfur dioxide	32131
10/9/25	oakland	1735	sulfur dioxide	29097
10/9/25	oakland	2135	sulfur dioxide	29180
10/18/25	berkeley	85	calcium carbonate	30480
10/18/25	berkeley	50	calcium carbonate	21000
10/24/25	oakland	1835	sulfur dioxide	30704
10/24/25	oakland	985	sulfur dioxide	32826
10/30/25	oakland	1985	sulfur dioxide	27259
10/30/25	oakland	2135	sulfur dioxide	30846
10/30/25	oakland	1735	sulfur dioxide	30251
10/31/25	oakland	785	sulfur dioxide	22326
11/5/25	oakland	1685	sulfur dioxide	24677

date	location	payload weight	payload substance	altitude
11/5/25	oakland	1845	sulfur dioxide	31312
11/10/25	oakland	2260	sulfur dioxide	28257