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**WEATHER MODIFICATION, INC.**  
 ATMOSPHERIC RESOURCES MANAGEMENT TECHNOLOGIES  
 FOR THE 21ST CENTURY

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**ALBERTA HAIL DAMAGE MITIGATION PROGRAM**

**Background**

Hailstorms pose a serious threat to property and crops in the province of Alberta, Canada. Historically, claims for agricultural hail damage are received on average of 50 days each year between June 1 and September 30.

In 1996, WMI was awarded the contract by the Alberta Severe Weather Management Society to conduct the Alberta Hail Suppression Project. The contract was for personnel and equipment to provide cloud seeding and related services for the purpose of reducing hail damage to property in south-central Alberta (Calgary to Red Deer).

**Project Status:**  
Operational

[Current Radar Image](#)

[Current Radar Loop](#)

[Radar Image Archive](#)

**Project Area**



**Project Information**

**Purpose:**  
Hail Damage Mitigation

**Season:**  
June 1 - September 15

- Equipment Used:**
- » 2 Cheyenne II aircraft
  - » 1 Cessna 340 aircraft
  - » Ejectable flare racks
  - » BIP flare racks
  - » Wing-tip generators
  - » 1 radar at Olds-Didsbury Airport

The target area for the Alberta Hail Suppression Project focuses on the area from Lacombe in the north to High River in the south, with priority given to the cities of Calgary and Red Deer.

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Weather Modification, Inc. • 3802 20th Street North • Fargo, ND 58102 USA  
**Phone:** 1-701-235-5500 • **Fax:** 701-235-9717



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