

Here is the National Hail Research Experiment report for Monday, July 22.

No hailstorms threatened the experimental area on Friday or Saturday. On Sunday afternoon, the radar began to get echoes from developing clouds in the foothills north of Ft. Collins at about 2:00, and by 3:00 the cloud-seeding aircraft had been called up. Just after 3:00, thunderheads near Sterling had grown to altitudes of more than 40,000 feet, and at 3:31 a hail day was declared when the radar indicated hail formation in a storm just west of Sterling Reservoir. Four aircraft seeded this storm until just before 5:30, then landed at ~~the~~ Sterling to stand by in case other hailstorms developed. Hail up to one inch in diameter was reported at Sterling and in the area ^{north} west of Sterling Reservoir.

No other storms developed, and the seeding aircraft returned to their home base at Greeley just after 7:00 p.m.

At 4:30 today, there were only a few small clouds in the vicinity, and the radar showed no signs of hailstorm development.

This is Henry Lansford reporting for the National Hail Research Experiment on ~~(KCEK and KYOT-FM)~~ ~~(KFTM)~~ ~~(KIMB)~~ (KSID).

22 hail days
11 seeded

first day of
next 2 seasons
no-seed

to day -

no-seed
sail plane active -
may work near Grover
small clouds

tomorrow -

NOAA

Ft Morgan

Grover

volley-ball size -

towed behind Arctic

line between Ft Morgan

Fri - nothing

Sat. - nothing

Sun. - seed day
echoes 2:00

foothills N Ft Collins

1450 seeding a/c called

1505 - cells near Sterling,
wind tops over 40,000

1531 - hail day declared

just w of Sterling Reservoir

1547 - 1-in hail at Sterling Airport

1559 - 45,000 ft

1704-1708 - hail 1st dia maximum
just inside
protected area

1726 - echoes diminished,
ceased seeding

a/c standby at Sterling

1912 - a/c released

total 4 aircraft
17 nozzles
65 flares