

NATIONAL CENTER FOR ATMOSPHERIC RESEARCH

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National Hail Research Experiment Newsletter

July 6, 1972

Our newsletter is running late this week because of the July 4 holiday, and will also go back a couple of days further than usual because the last newsletter came out a little early.

Friday, June 23, was a heavy day for our seeding aircraft. A total of 46 flares was used to seed storms over an area extending from near Stoneham northeastward almost to Peetz. Most of these flares were used a few miles east of Highway 71. Two flares were used just north of the Wyoming line, in an area east of Cheyenne. All of the seeding was done between 5:00 and 7:00 p.m.

On Saturday, June 24, no clouds developed, and we were unable to do any research or seeding.

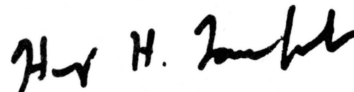
On Monday, June 26, we had two research aircraft up as well as seeding aircraft. Seven flares were used to seed clouds east of Highway 71 north on Stoneham, and two flares were used just south of Stoneham, all between 6:00 and 7:00 p.m.

There was no hailstorm activity the rest of the week, although we called up three seeding aircraft on Friday while some threatening storms were being investigated. However, this turned out to be a false alarm, and no seeding was done. Some hail did fall west of the NHRE research area, and NCAR scientists collected some sample hailstones east of Keota. Ten dropsondes, which are instrument packages used to measure wind currents inside thunderstorm clouds, were dropped from our twin-jet Sabreliner through a storm near the Nebraska line south of Kimball, and good results were reported.

Saturday was a no-hail day, and operations were suspended on Monday, July 3, and Tuesday, July 4, in observance of Independence Day.

We continue to have visits from foreign scientists who are interested in our hail research. Last week we had three scientific visitors from Canada, one from France, and one from Yugoslavia.

Cordially,



Henry H. Lansford
Information Officer