Reply

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21 June 1967

I certainly agree with your suggestion that persons who release silver iodide from the ground would be wise to find out where it goes. Our results indicate that under some conditions there is considerable vertical transport of ground-released silver iodide. In one particular test, AgI was released from a 7400-ft hill and on a series of tracks 2.5 n mi from the release site, concentrations significantly above background were measured as high as 11,000 ft. During the same test, counts above background were measured at 13,000 ft. In other cases,

usually when an inversion is present, vertical transport is nearly completely stopped at the level of the inversion. During many tests, the lack of navigational facilities in mountainous terrain prevent us from flying higher and in cloud to completely map the vertical transport of tracer material.

The complete results of this series of tests will be published in the near future. The conclusion that aircraft seeding is necessary is warranted under some conditions and is definitely not under other conditions.