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Articles on analysis of Sputnik 10 remain which fell in Manitowac, Wis Sept 5/62.

Detection of a radioactive isotope Argon 37 indicated that it was above the atmosphere for a considerable length of time. This isotope is formed by the bombardment with galactic cosmic rays and trapped particles in the Van Allen Belt.

A test for Tritium, a triple-heavy hydrogen isotope was negative, but this was attributed to the fact that the substance probably flowed away during re-entry.