1006-54-142   **Robbie Allen Beane*** (`rbeane@umr.edu`), 1808 N Oak St, Rolla, MO 65401. *Properties of Buffers.* Preliminary report.

To aid in the examination of local compactness of the hyperspace of closed, connected subsets, we introduce the notion of buffers. In certain contexts, A not being a buffer for p is a generalization of A being a continuum of convergence containing p. We shall present the definitions of a buffer, of a point being totally buffered, and of a space being totally buffered. We shall also examine these properties for various classes of continua. (Received February 11, 2005)