

Abstract Submitted
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Light Curves of Supernovae¹ MICHELLE SPENCER, MICHAEL JONER², DAVID LANEY, EMILY STOKER, Brigham Young University — Photometric Data were secured for the supernovae 2010hh, 2011dh, 2011fe and 2012aw before the dates which each individual maxima occur. The data for all supernovae were secured using the 0.9-meter telescope at the BYU West Mountain Observatory in Utah. 2010hh data were secured during the summer 2010 over the months of August to October. 2011dh and 2011fe data were secured during the summer of 2011. 2012aw data were secured during the summer of 2012. The data exposures from 2010 were secured using standard B,V and R filters. The frames for 2011 were secured using B,V, R and I filters. The 2012 supernova frames were secured in B,V and R filters. Using the data I will compare and contrast these four different supernovae and discuss their possible uses for distance determinations for the host galaxies.

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