



The impact of tropical cyclone remnants on the rainfall of the North American Southwest region

E.A. Ritchie and K. Wood

Dept. of Atmospheric Sciences, Univ. of Arizona, Tucson, AZ 85721, USA

In this study we will investigate the impact that tropical cyclone remnants from the eastern North Pacific have on precipitation patterns in the arid North American southwest region. Using multiple precipitation data sets, we will study their climatological impact, the varying structure of the preferred rainfall patterns, and the nature of the large-scale circulations that advect them across the southwest U.S.