



ERA-20CL: An ensemble of 20th-century global land-surface reanalyses based on ERA-20C

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We describe the development of ERA-20CL, an ensemble of high-resolution land-surface reanalyses based on meteorological forcing from the ERA-20C atmospheric reanalysis. Production of ERA-20CL involves application of downscaling techniques designed to preserve closure of the water balance. The resulting dataset represents the first available high-resolution land-surface reanalysis spanning the entire 20th century. We will present first results and preliminary diagnostics of ERA-20CL, and discuss future plans.