



Figure 44. The above graphic illustrates the 100 year trend from 1900 to 1999 for the historical reconstruction produced as part of the Coupled Model Intercomparison project --Phase 5 or CMIP 5. Results for MIROC-ESM-CHEM model is shown in the upper panel and the difference with Berkeley Earth Land Temperature is shown in the lower panel. MIROC_ESM-CHEM is a product of the Japan Agency for Marine-Earth Science and Technology, Atmosphere and Ocean Research Institute (The University of Tokyo), and National Institute for Environmental Studies. The lower panel depicts the difference in trends between MIROC-ESM-CHEM and Berkeley Earth Land Temperatures. The Root Mean Square is calculated at the grid level.