



Predictions of CAR Index SSTA (light solid line) using linear inverse modeling procedure discussed in Penland and Magorian (1993: J. Climate, 6, 1067-1076), along with verification field (heavy solid line). Dashed lines indicate one standard deviation confidence intervals appropriate to a stable linear system driven by annually varying stochastic forcing. Confidence intervals also include estimates of uncertainty in the initial conditions and the model itself. SSTs have been provided by NCEP and summarized into COADS-compatible monthly data at CDC. Anomalies were calculated relative to the standard 1951-2000 climatology and projected onto 20 leading EOFs.