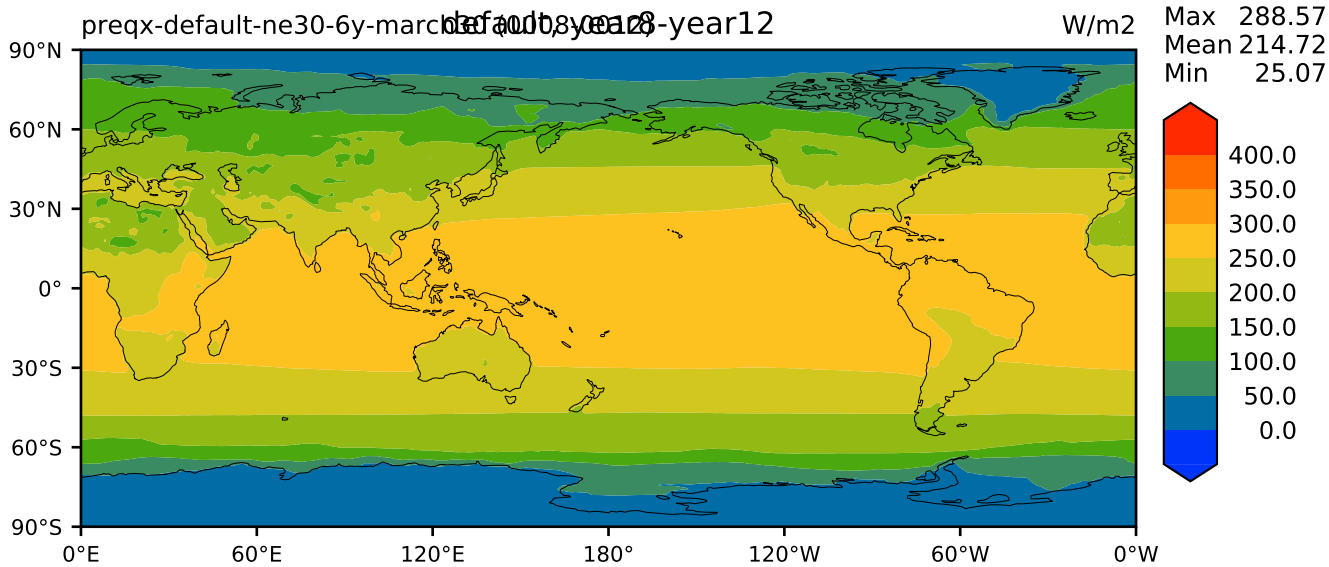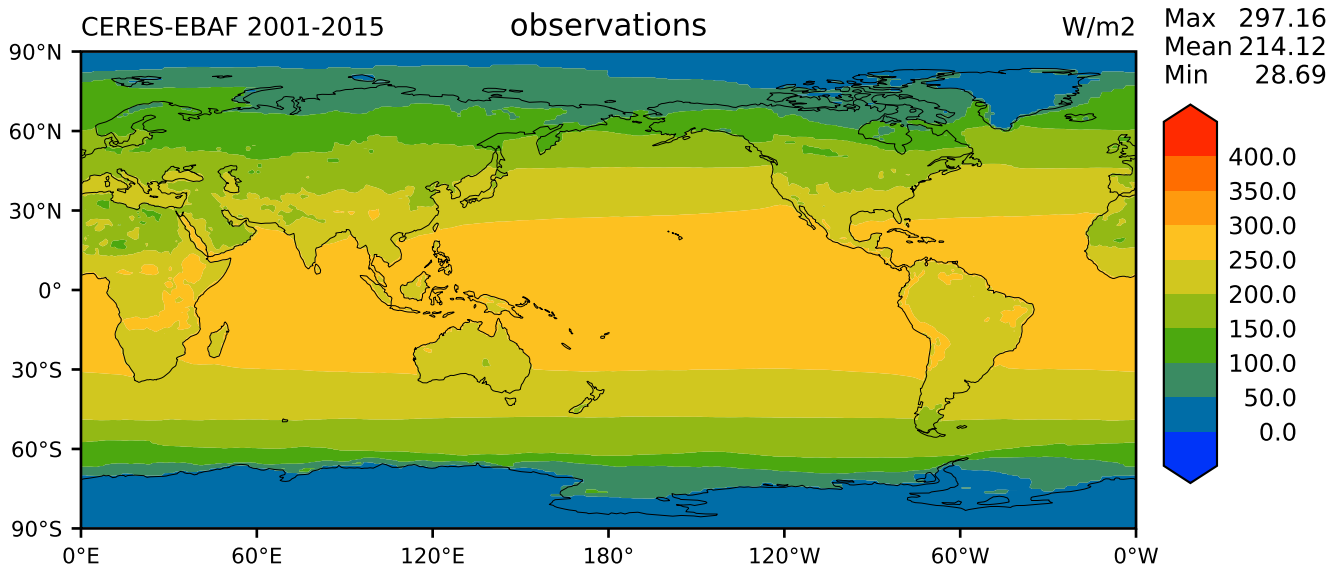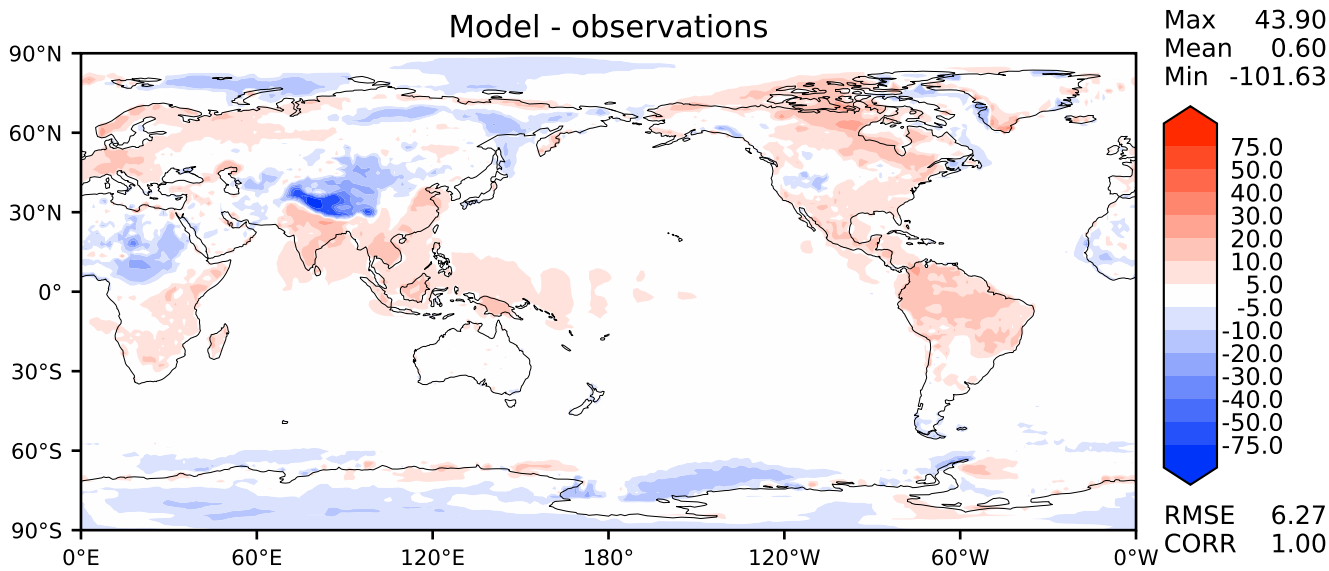FSNSC ANN global