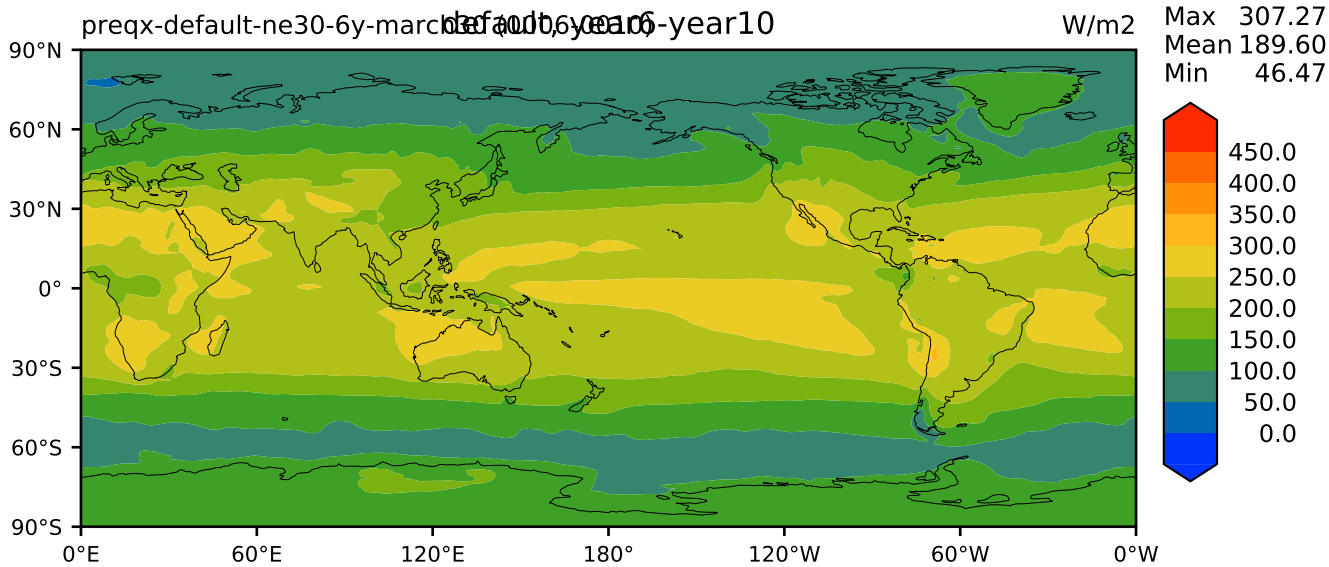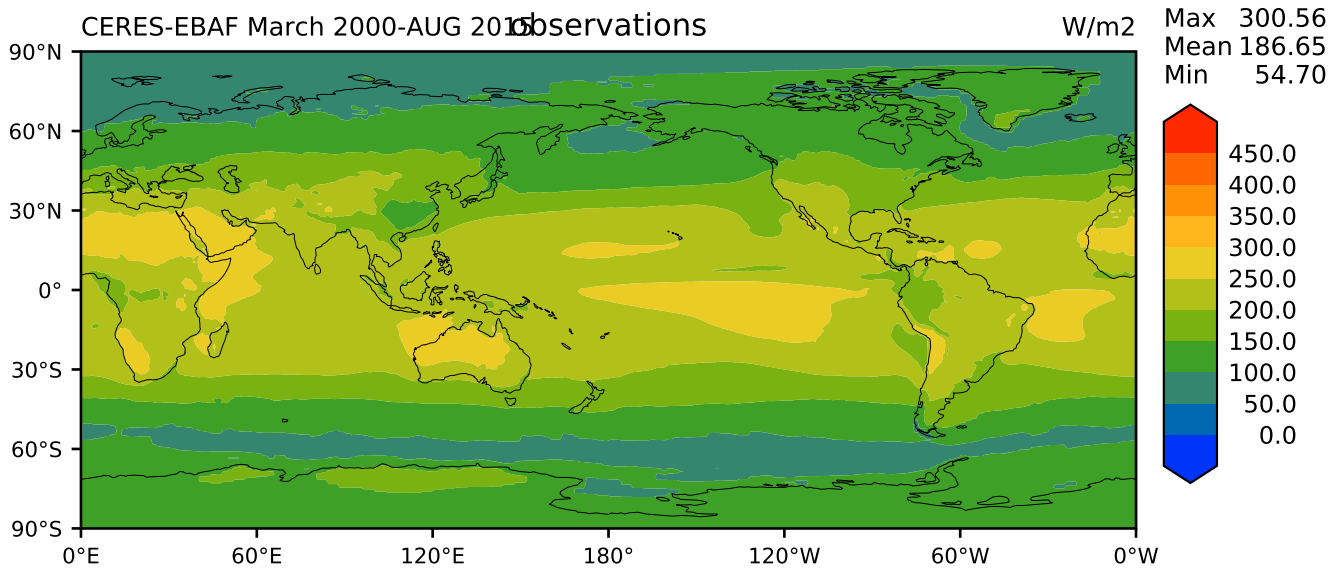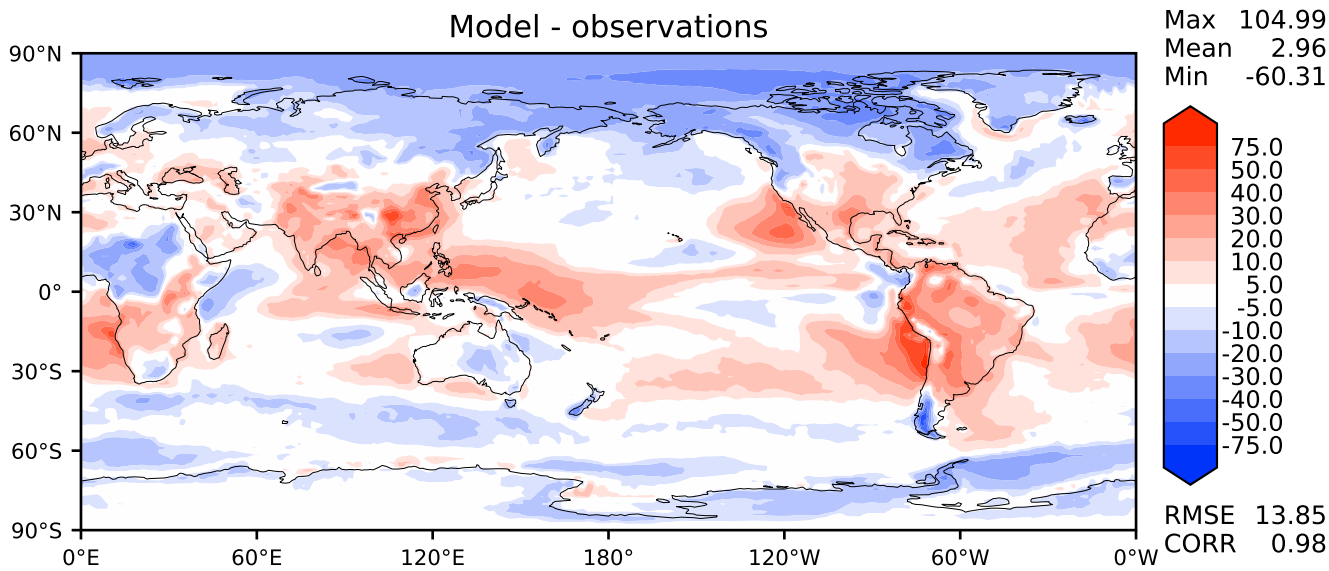FSDS ANN global