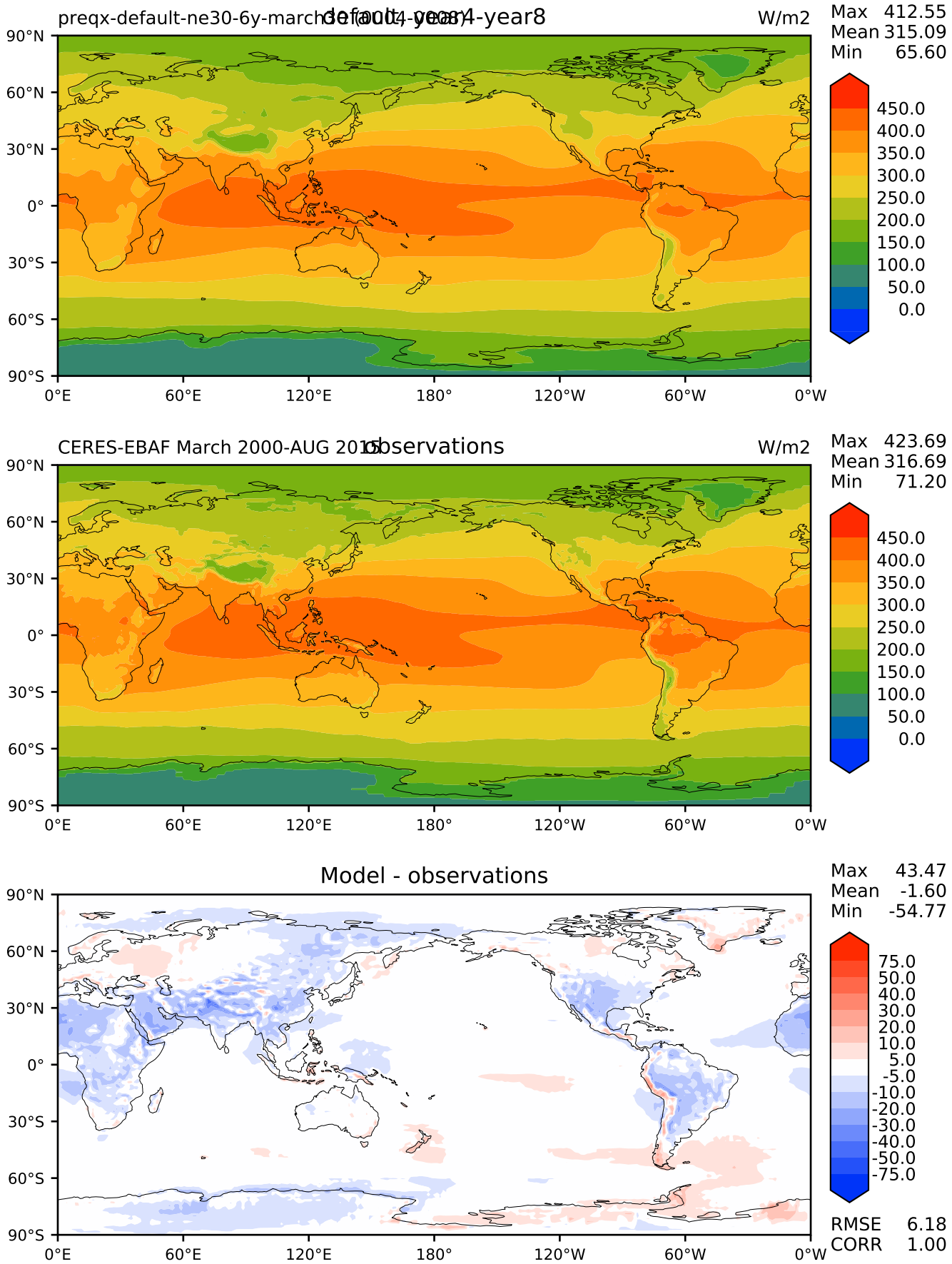FLDSC ANN global