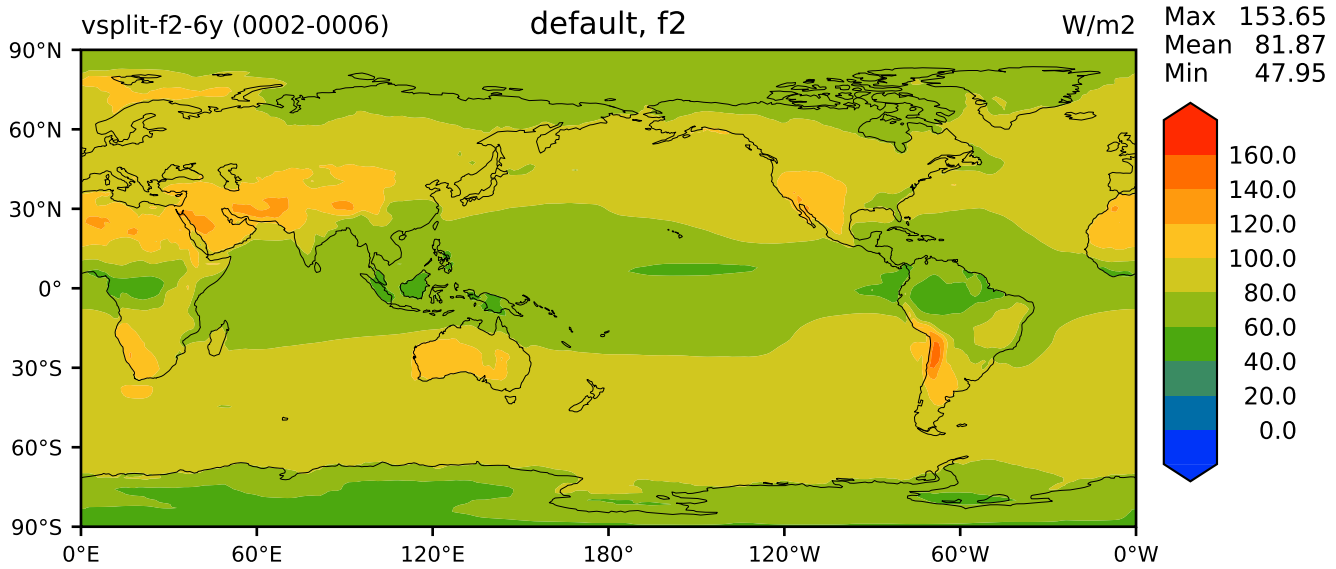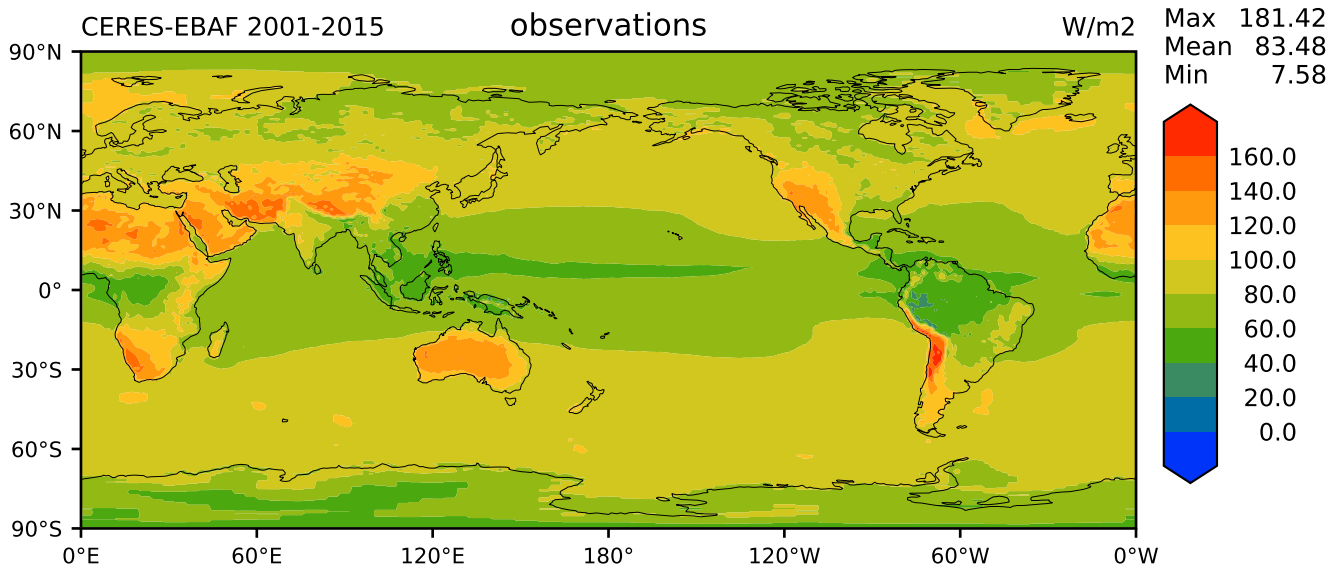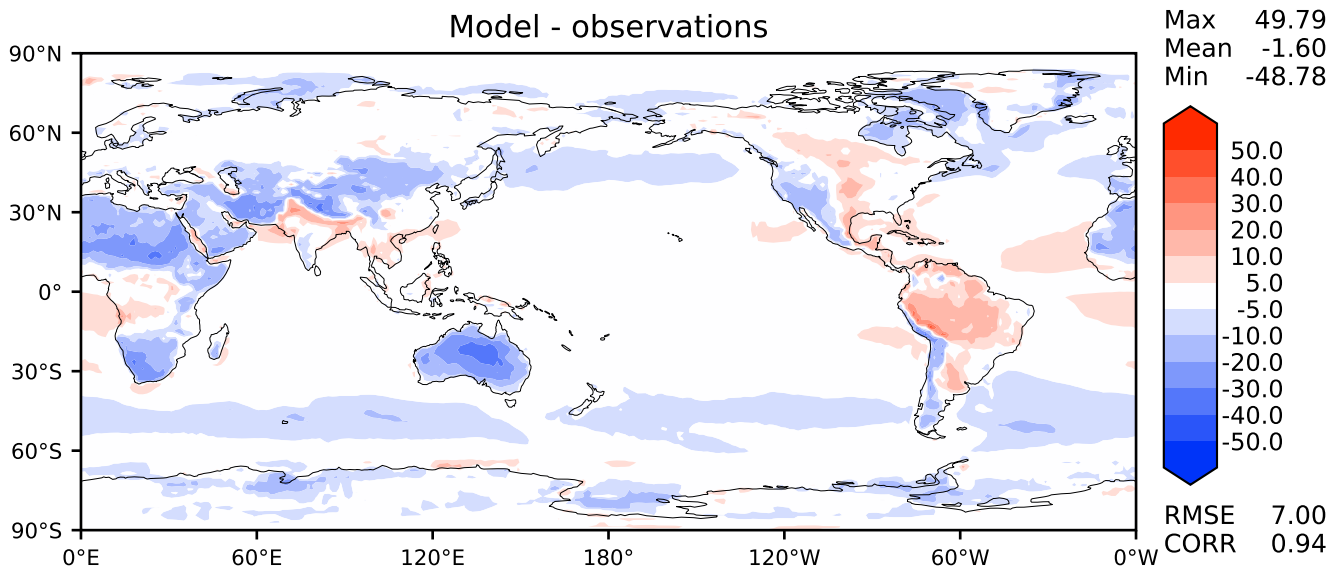FLNSC ANN global