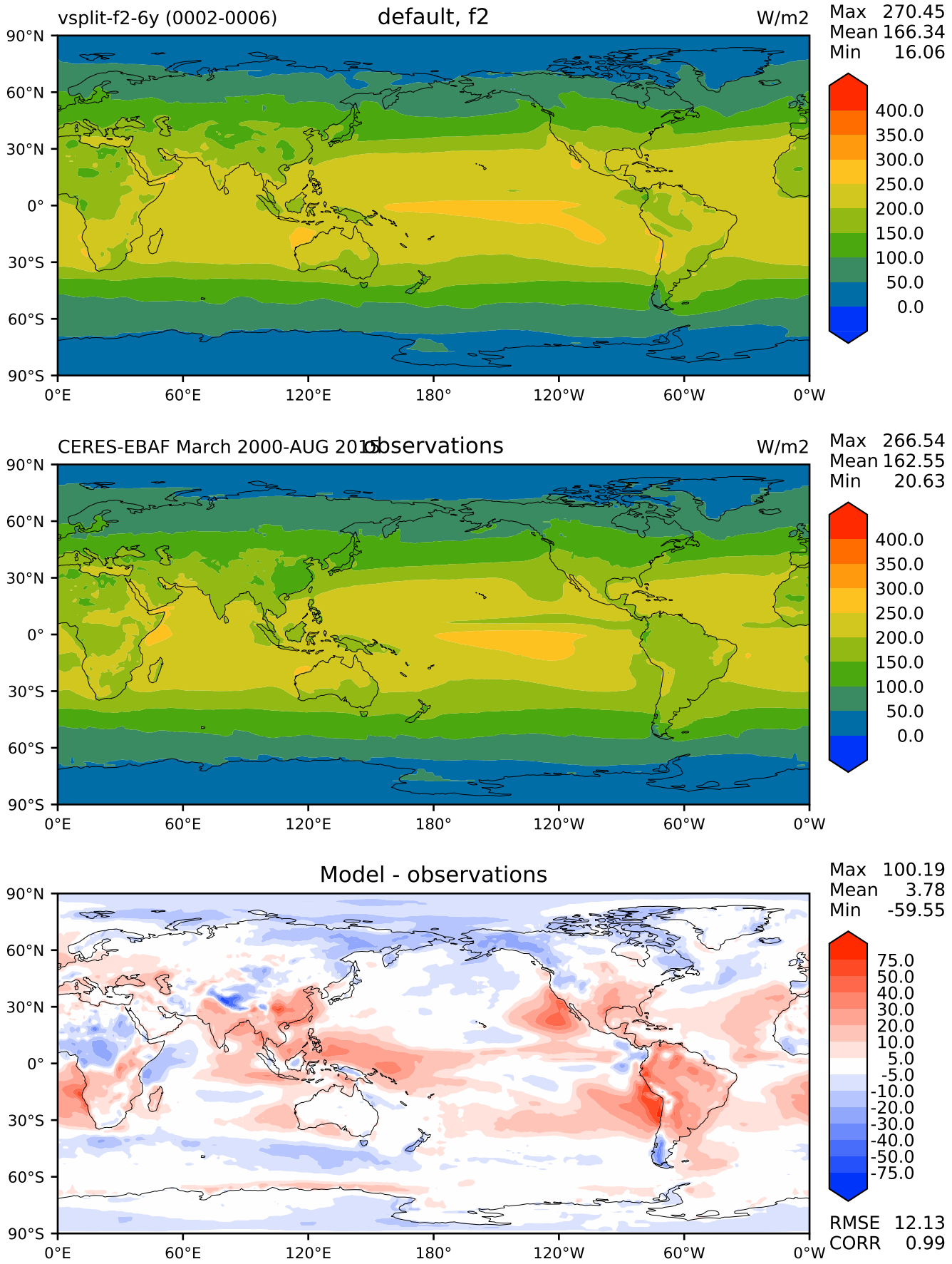FSNS ANN global