Error CMIP5 Data of FGOALS-s2

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Model(s): FGOALS-s2

Files:
   ta_6hrLev_FGOALS-s2_*.nc
   ta_6hrPlev_FGOALS-s2_*.nc

Description:
   6-hourly air temperature between 85°S and 85°N output by FGOALS-s2, except for aqua-planet experiments, is wrong because of a bug in atmospheric model, leading to unreasonable variation of global mean 6-hourly air temperature (Fig. 1).
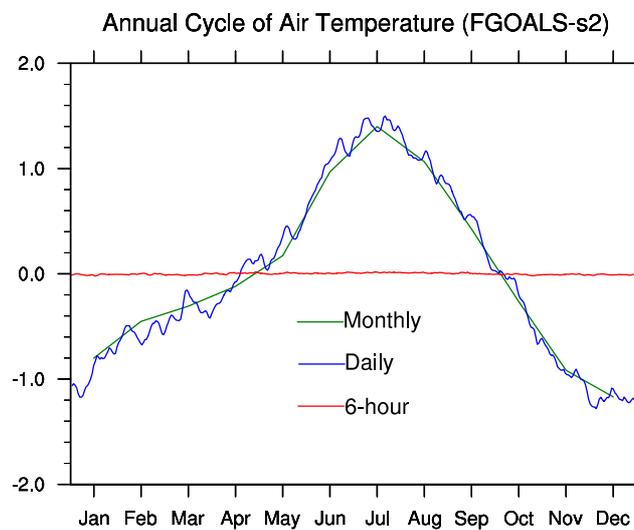

FIG. 1. Annual cycle of air temperature in FGOALS-s2 historical simulation during 1990. Compared with monthly output (dark-green line) and daily output (blue line), 6-hourly air temperature (red line) does NOT have reasonable signal of annual cycle, which indicates some errors in 6-hourly air temperature output by FGOALS-s2.

Status:
   The wrong 6-hourly air temperature output by FGOALS-s2 has been withdrawn, and the bug has also been fixed. Correct data will be uploaded soon later.