

# ensFstates\_YYYYMMDD[HHMM].bin

This binary file holds an ensemble of forcing variables for data assimilation. They are used to restart the data assimilation from a previous saved state. To use the files set `indaensstate` in [info.txt](#). For this version of saved ensemble three files are used ([ensXstates\\_yyyymmdd\[HHMM\].bin](#), [ensFstates\\_yyyymmdd\[HHMM\].bin](#), [ensAstates\\_yyyymmdd\[HHMM\].bin](#)); one for model states, one for forcing variables and one for auxiliary variables. Alternatively the states can be saved as one file for each variable ([nnnnnn\\_yyyymmdd\[HHMM\].bin](#)). Which version of file format to use is set in [AssimInfo.txt](#) by `G_USEBINX` and `G_USEBINFA`.

The files to be used as starting states are located in the `forcingdir`. The files written for later use as starting states are found in the `resultdir`.

In addition files of the same format without date-time stamp can be found in the `resultdir`. These files are used during a simulation to temporary hold the ensemble states. There is an option in [AssimInfo.txt](#) to save the ensemble states to binary files instead of keeping them in memory.