

FAQ

Why I cannot access the most recent data?

💡 Because of the agreed data policy with the data providers, the S2S realtime type of forecast can be accessed only with 3 weeks delay. There should not be any such restriction for the reforecasts.

What are reforecasts?

💡 Reforecasts are forecasts run using the same model version as real-time forecast for a number of past dates. More details in [A brief description of reforecasts](#)

How to access S2S data efficiently?

💡 In order to retrieve data efficiently users should follow instructions about [S2S reforecasts retrieval efficiency](#).

Do you have any examples of S2S data retrieval scripts?

💡 Find links [here](#) to efficient retrieval scripts for different S2S datasets via [ECMWF Web API](#).

Do you provide analysis in S2S?

💡 The S2S database does not contain the analysis used to initialize the S2S models. However, for some models (e.g ECMWF) step 0 is available (see details below), but only for instantaneous variables. For some models (e.g. ECMWF), step 0 of the control forecast corresponds to the unperturbed analysis.

If you are interested in re-forecasts, most re-forecasts are initialized either from JRA, ERA or NCEP re-analysis which can be available from other public datasets.

What is the starting step of S2S parameters?

💡 The instantaneous variables are archived from step 0, except for some centres (e.g. NCEP or BoM) who start at step=24 because they don't archive step 0 (step 0 has the same value as the re-analysis). Because of that the data at step 0 and step 24 are different and step=0 corresponds to the initial conditions.

For accumulated variables (e.g. total Precipitation), step 0 is usually not archived because its value is equal to 0 and step=24 corresponds to the accumulation during the first 24 hours.

For daily averaged variables, there is no step 0.

For [MJO RMMS](#), the calculation for all models starts from step=24 (first common time step for all the models). It uses instantaneous winds at 850 and 200 hPa at step=24h and OLR accumulated over the first 24 hours

Is there an issue with accumulated fields at day 16 in IFS (ECMWF) model?

💡 Read the explanation in [Issues with data](#).
