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The ERA-CLIM Observation Feedback Archive

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The ERA-CLIM Observation Feedback Archive (OFA) is a new facility designed to provide users of reanalysis data with easy access to the input observations used, together with information about data quality such as quality control decisions, bias estimates, and observation error statistics. The OFA is a tool that will allow users to assess the quality of observations, to reprocess observations, and to gain insight into the fundamental observational uncertainties associated with gridded reanalysis products. The OFA exemplifies the transparent data policy adopted in ERA-CLIM, which requires that all observations used in reanalysis must be available to all users. We will describe the design of the OFA, its current contents, and plans for its future development.