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The potential of archive functionality in operational forecasting

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One aspect of making good predictions is a good forecasting system (data and models) and another essential part of making good predictions is a well-trained forecaster. Good data management practices and training protocols are important in reaching these goals. Among other reasons, this led to the development of a new archive functionality within the forecasting software Delft-FEWS. This open archive is based on standards and supports different data access protocols. Options have been developed to archive specific hazard events either via automatic protocols or manually. Data and events can be accessed from within Delft-FEWS but also other software programs. The data is converted to NetCDF and metadata is added. These archived events can be retrieved in the live operational forecasting system to compare to a current situation to aid interpretation and decision making or used stand alone for training purposes. In this presentation we would like to demonstrate an application of this new functionality and the opportunities that it provides in a Dutch fluvial forecasting system.