

Command Reference: ReadReclamationHDB()

Read time series from a Reclamation HDB database

Version 10.06.00, 2012-03-29

The `ReadReclamationHDB()` command reads one or more time series from a Reclamation HDB database (see the **Reclamation HDB Data Store Appendix** for more information). It provides query criteria to filter the list of time series.

The following dialog is used to edit the command and illustrates the syntax for the command. **Where** criteria should be specified in sequential order without intervening blank selections.

Edit ReadReclamationHDB Command

Read one or more time series from a Reclamation HDB database.
Constrain the query by specifying time series metadata to match.
Refer to the ReclamationHDB Data Store documentation for more information.
Specify the input period in format YYYY-MM-DD HH, to a precision appropriate for the data.
If not specified, the input period defaults to the input period from `SetInputPeriod()`.

Data store: Required - data store containing data.

Data type: Required - data type for time series.

Data interval: Required - data interval (time step) for time series.

Where:	Site - Common Name	Matches	
			OLYPOWCO

Input start: Optional - override the global input start.

Input end: Optional - override the global input end.

Alias to assign: Insert: Optional - use %L for location, etc. (default=no alias).

Command:
`ReadReclamationHDB (DataStore="ReclamationHDB-ECO", DataType="diversion - diversion volume", Interval="Month", Where1="Site - Common Name; Matches; OLYPOWCO", InputStart="2000-01", InputEnd="2005-12", Alias="%L-%T")`

ReadReclamationHDB

ReadReclamationHDB() Command Editor

The command syntax is as follows:

```
ReadReclamationHDB (Parameter=Value,...)
```

Command Parameters

Parameter	Description	Default
DataStore	Reclamation HDB data store name indicating database from which to read time series.	None – must be specified.
DataType	The data type to read as <code>ObjectType</code> – <code>DataTypeCommonName</code> . The object type is shown to help with selections. * can be specified to read all data types.	None – must be specified.
Interval	The data interval to read (Hour, Day, Month, Year, Irregular). Irregular is used for instantaneous data and internally results in data with date/times to minute precision.	None – must be specified.
WhereN	<p>The “where” clauses to be applied when querying data, which match the values in the Where fields in the TSTool main interface. The parameters should be specified as <code>Where1</code>, <code>Where2</code>, etc., with no intervening gaps in numbering. All clauses are joined as “and” and are therefore cumulative in limiting the query. The format of each parameter value is:</p> <p><code>“Item;Operator;Value”</code></p> <p>Where <code>Item</code> indicates a data field to be filtered on, <code>Operator</code> is the type of constraint, and <code>Value</code> is the value to be checked when querying.</p>	If not specified, the query will not be limited and very large numbers of time series may result from the query (which may require a long time to perform the query).
InputStart	Start of the period to query, specified in format YYYY-MM-DD HH, with a precision appropriate for the interval.	Read all available data.
InputEnd	End of the period to query, specified in format YYYY-MM-DD HH, with a precision appropriate for the interval.	Read all available data.
Alias	Indicate an alias to assign to time series, which can result in shorter identifiers for time series when referenced with other commands.	No alias is assigned.