Command Reference: FillWellHistoricalPumpingTSMonthlyPattern()
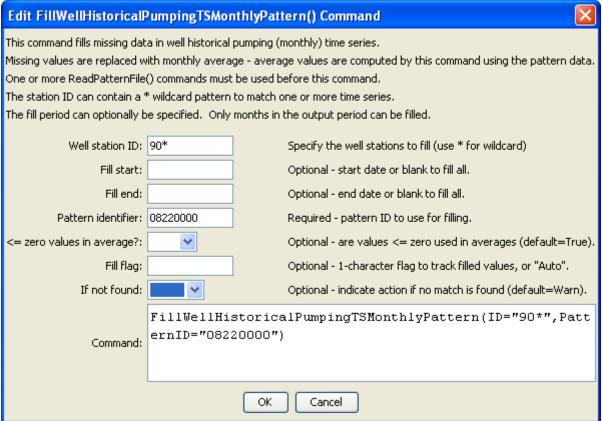
Fill well historical pumping time series (monthly) values using WET/DRY/AVG values

The `FillWellHistoricalPumpingTSMonthlyPattern()` command fills missing well historical pumping time series (monthly) data, using average monthly wet/dry/average values. The averages are computed using patterns read by the `ReadPatternFile()` command. The average values that are used during data filling are printed to the log file. For example, if a value is missing for May 1980, the pattern for the specified pattern identifier is checked for `WET`, `DRY`, or `AVG`. The values of all May's for `WET`, `DRY`, or `AVG` are then averaged in the time series to be filled, and the resulting average used to fill missing data. This command therefore will result in filled values that are more appropriate than simple averages; however, work must be done to characterize the wet, dry, and average months.

The following dialog is used to edit the command and illustrates the syntax of the command.

FillWellHistoricalPumpingTSMonthlyPattern() Command Editor

The command syntax is as follows:

```
FillWellHistoricalPumpingTSMonthlyPattern(Parameter=Value,…)
```

Command Parameters

Parameter	Description	Default
ID	A single well station identifier to match or a pattern using wildcards (e.g., 20*).	None – must be specified.
FillStart	The first date to fill, YYYY-MM or MM/YYYY.	If not specified, fill the full period.
FillEnd	The last date to fill, YYYY-MM or MM/YYYY.	If not specified, fill the full period.
PatternID	The pattern identifier for data read with a ReadPatternFile() command.	None – must be specified.
LEZeroInAverage	Indicates whether values ≤ 0 should be considered when computing monthly averages.	True
FillFlag	If specified as a single character, data flags will be enabled for the time series and each filled value will be tagged with the specified character. The flag can then be used later to label graphs, etc. The flag will be appended to existing flags if necessary.	No flag is assigned.
IfNotFound	Used for error handling, one of the following: • Fail – generate a failure message if the ID is not matched • Ignore – ignore (don't generate a message) if the ID is not matched • Warn – generate a warning message if the ID is not matched	Warn