

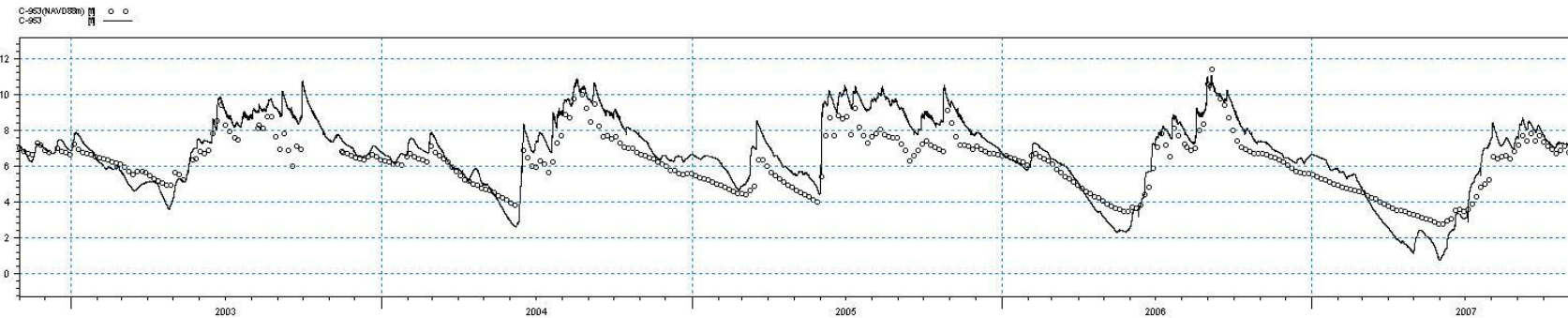
Appendix A

**NGGEFRP Initial Model Run
Calibration Plots**

Groundwater Head Elevation Monitoring Stations

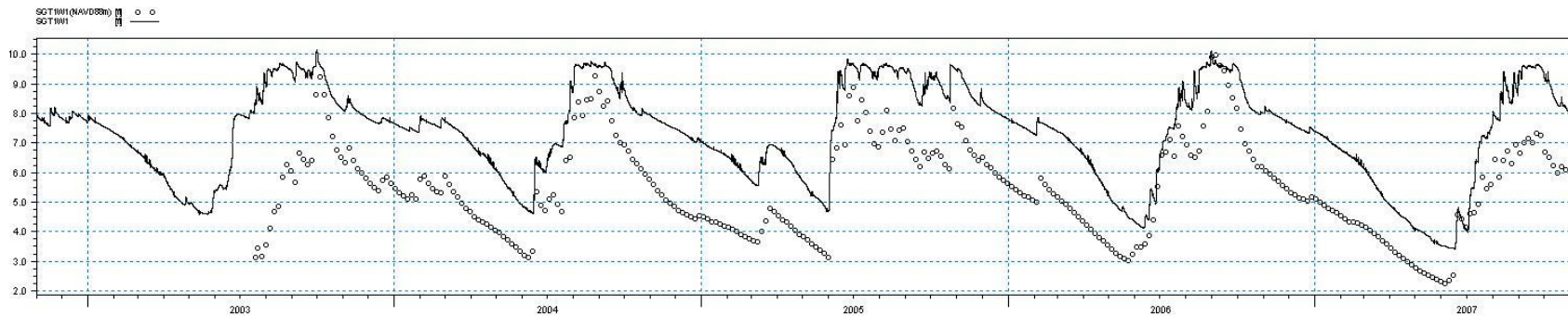
Water Table Aquifer

Station: Well C-953



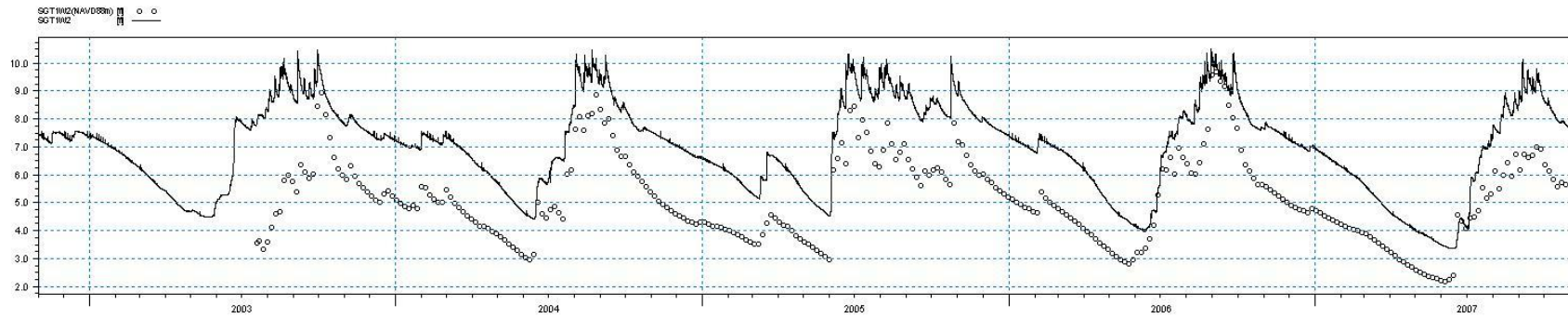
ME=-0.503229
MAE=0.834379
RMSE=0.93198
STDres=0.854859
R(Correlation)=0.93304
R2(Nash Sutcliffe)=0.570368

Station: Well SGTW1



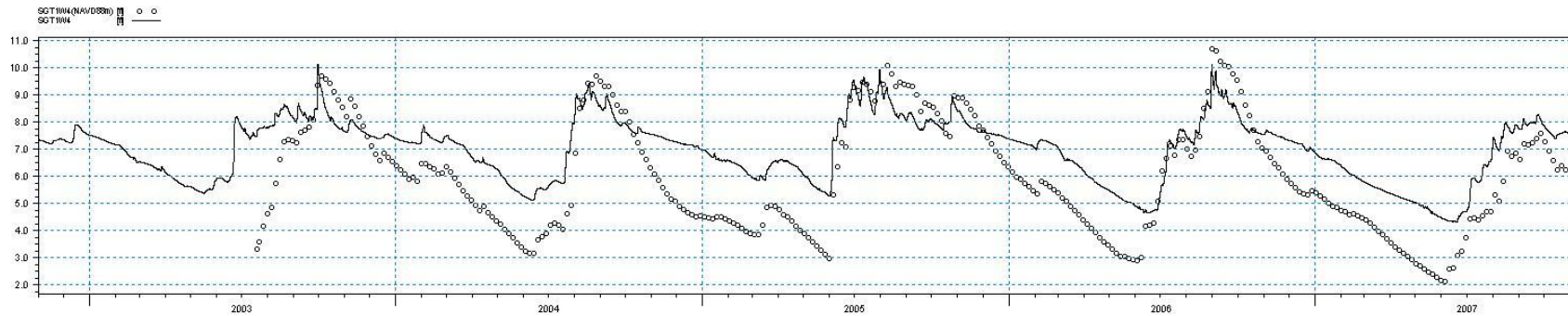
ME=-1.93373
MAE=1.93665
RMSE=2.07814
STDres=0.761146
R(Correlation)=0.888758
R2(Nash Sutcliffe)=0.685579

Station: Well SGT1W2



ME=-1.90856
MAE=1.91186
RMSE=2.02354
STDres=0.672369
R(Correlation)=0.908544
R2(Nash_Sutcliffe)=0.784528

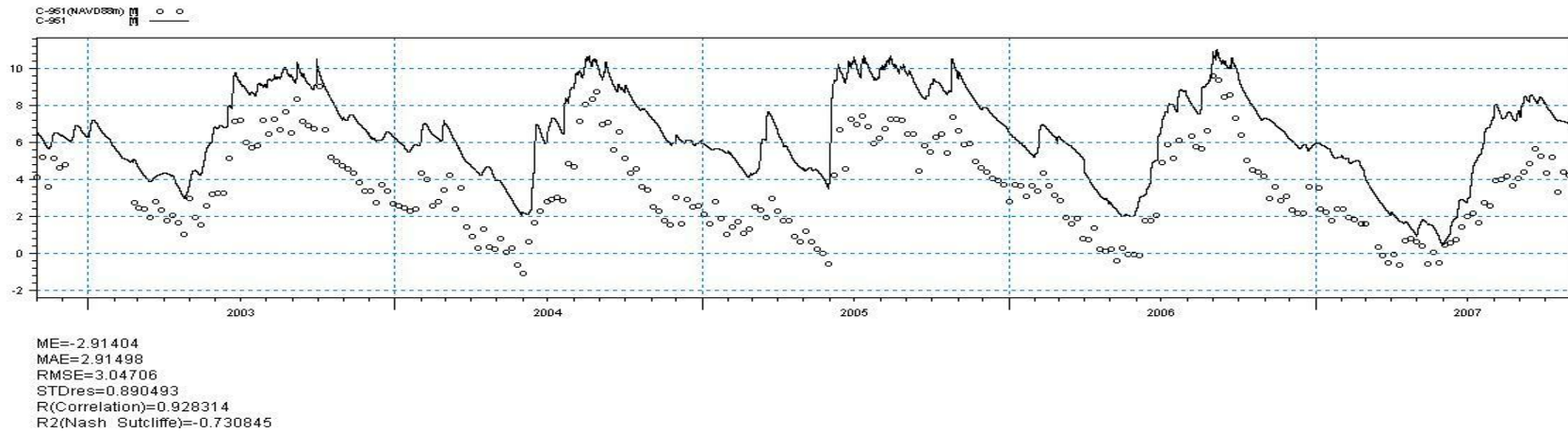
Station: Well SGT1W4



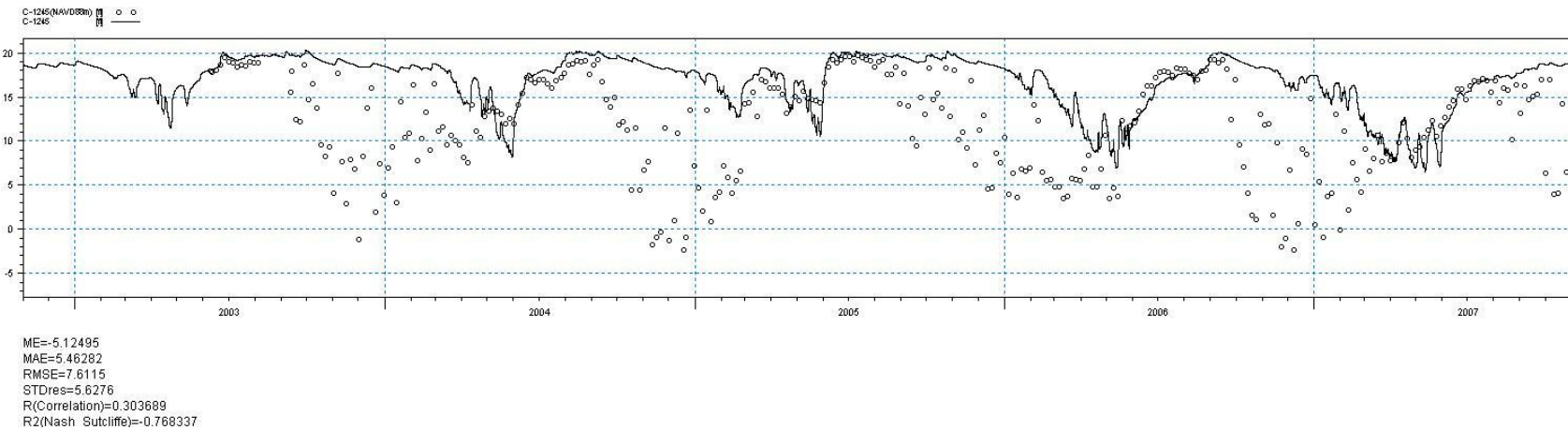
ME=-1.05267
MAE=1.33371
RMSE=1.50976
STDres=1.08225
R(Correlation)=0.912196
R2(Nash_Sutcliffe)=0.456913

Lower Tamiami Aquifer

Station: Well C-951

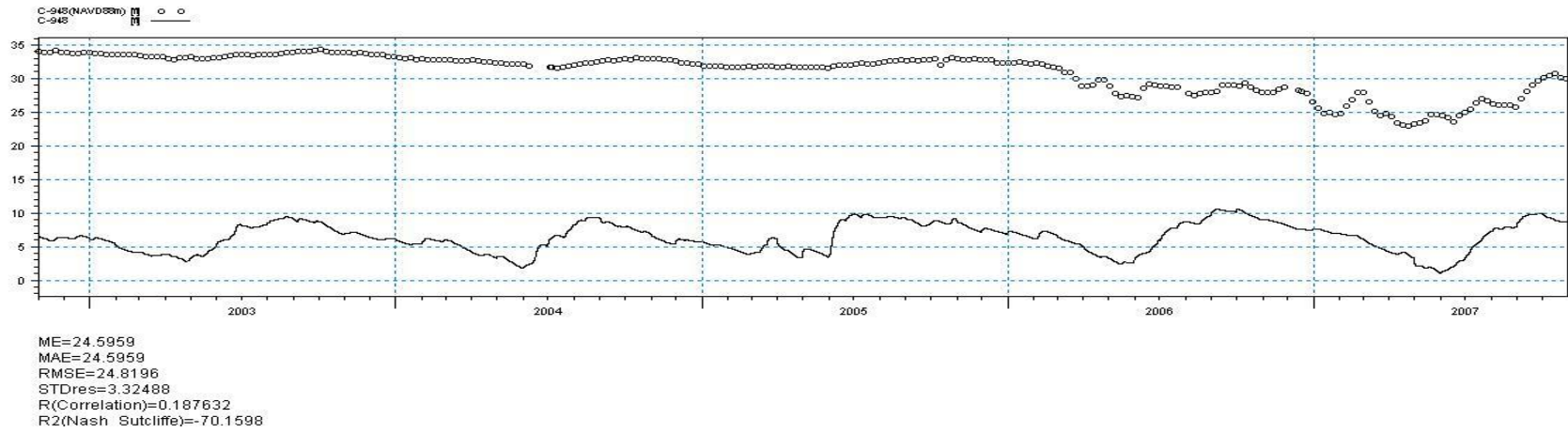


Station: Well C-1245

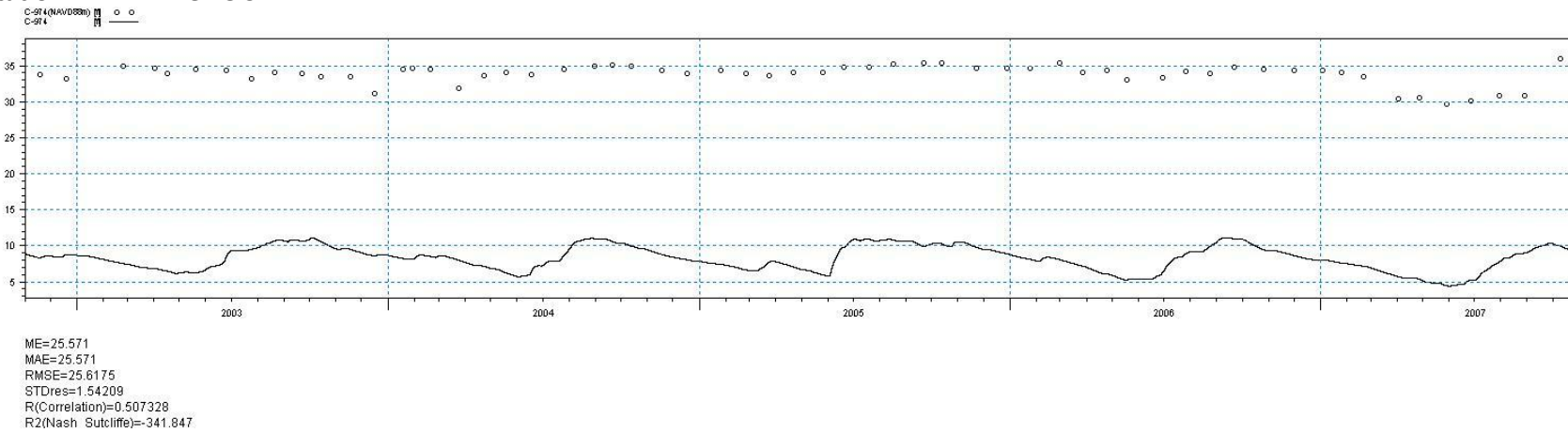


Mid-Hawthorn Aquifer

Station: Well C-948



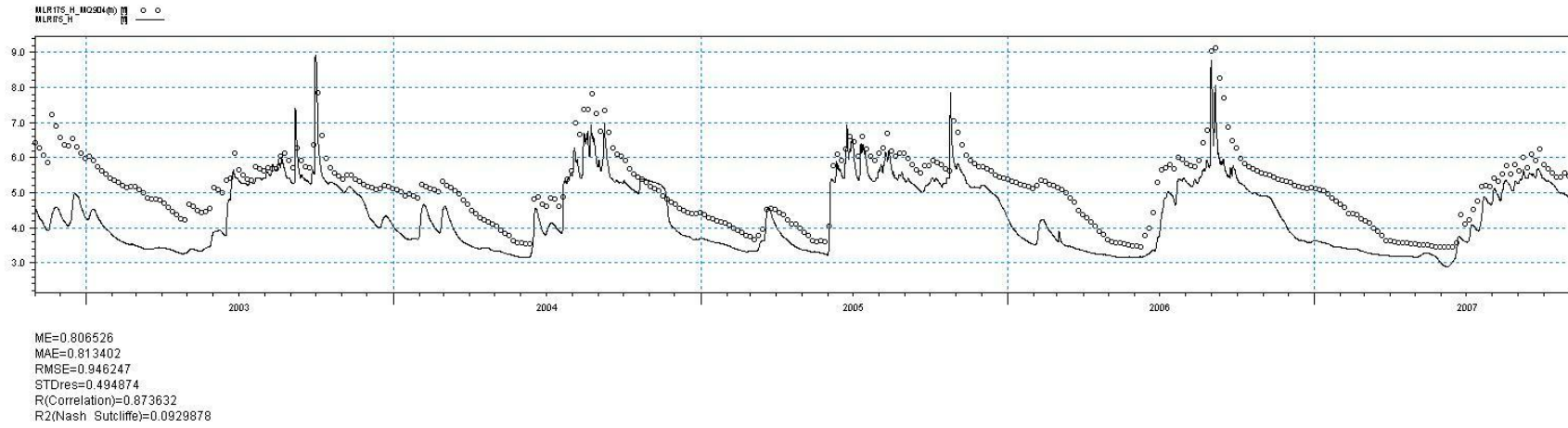
Station: Well C-974



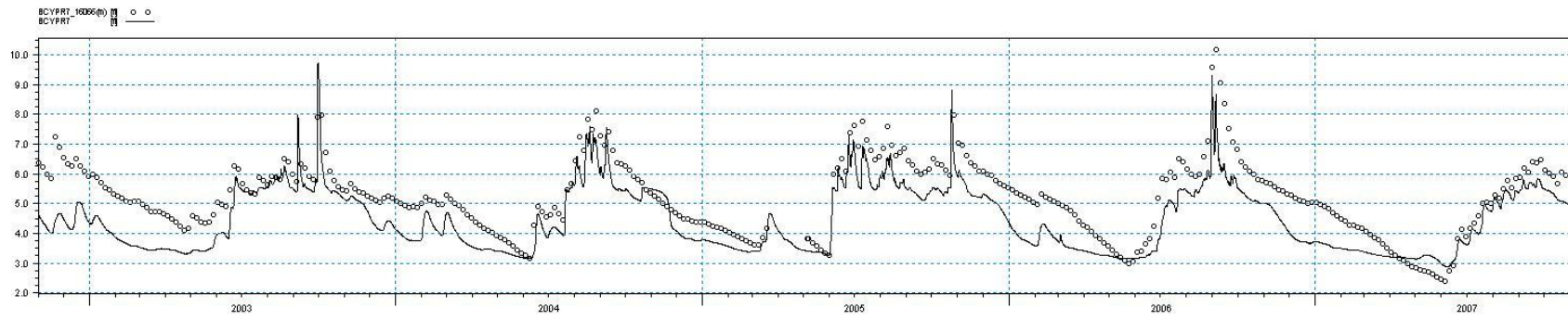
Surface Water Stage Monitoring Stations

Miller Canal

Station: MLRI75_H



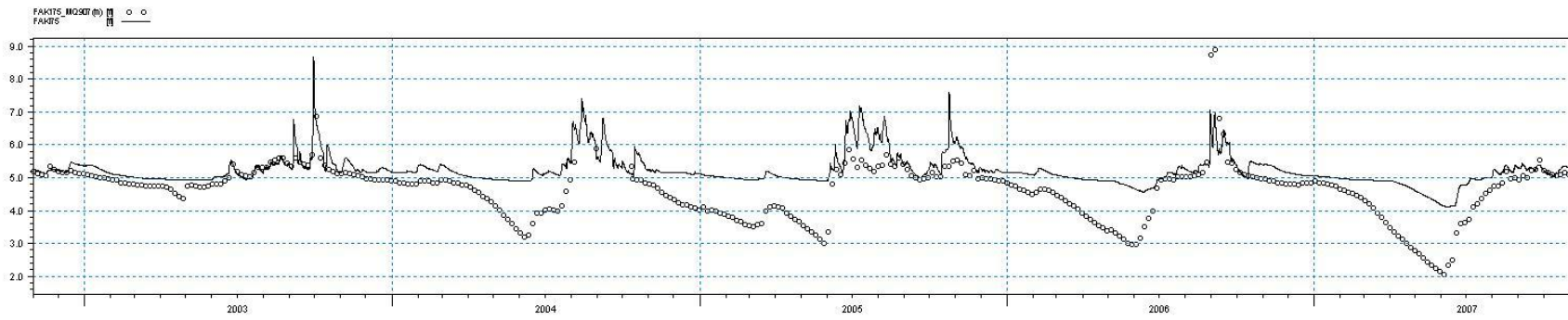
Station: BCYPR7



ME=0.757345
 MAE=0.797292
 RMSE=0.933898
 STDres=0.546438
 R(Correlation)=0.89894
 R2(Nash Sutcliffe)=0.432742

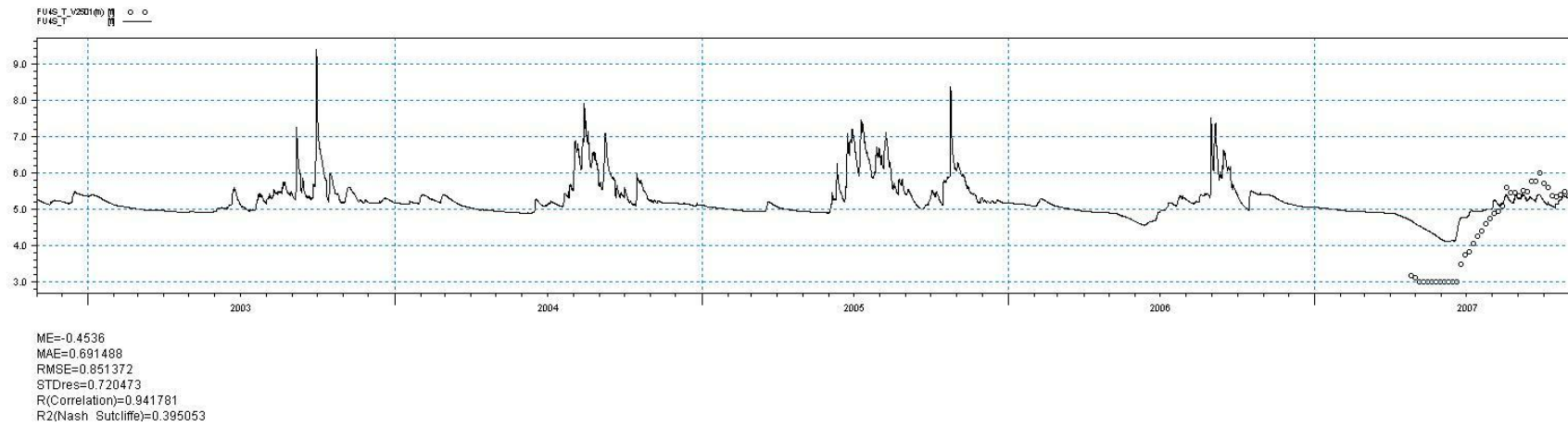
Faka Union Canal

Station: FAKI75

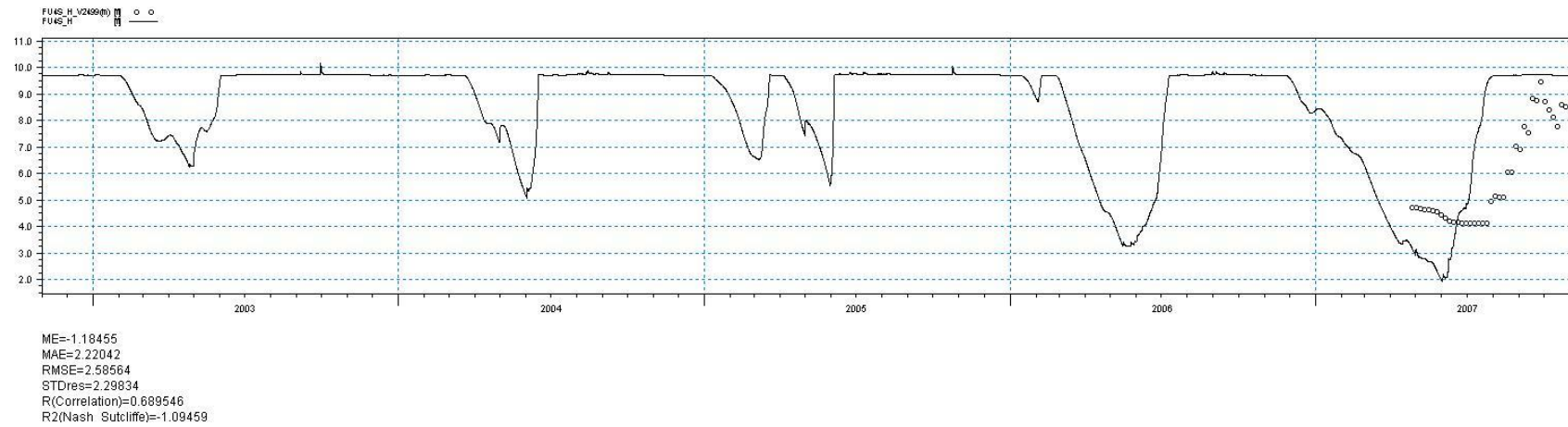


ME=-0.571776
 MAE=0.818268
 RMSE=0.8154
 STDres=0.581334
 R(Correlation)=0.766493
 R2(Nash Sutcliffe)=0.0370934

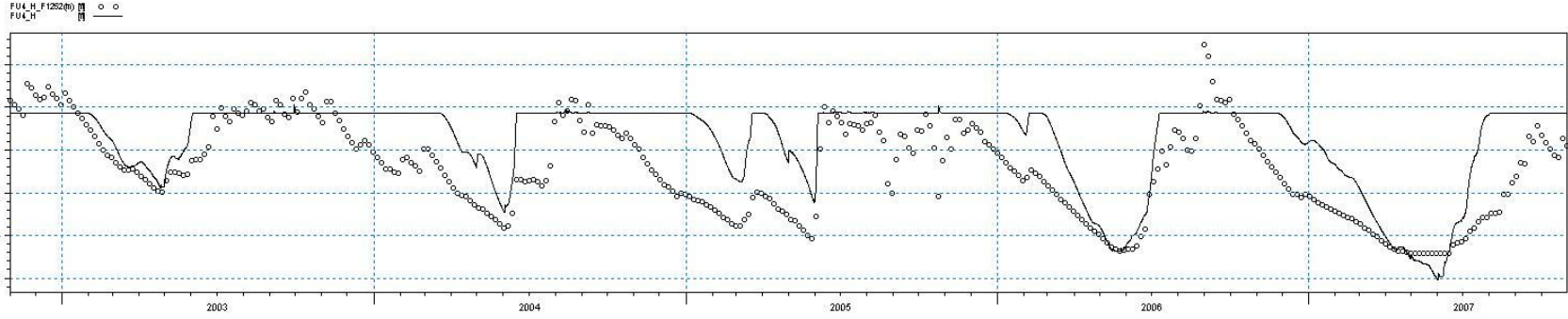
Station: FU4S_T



Station: **FU4S_H**

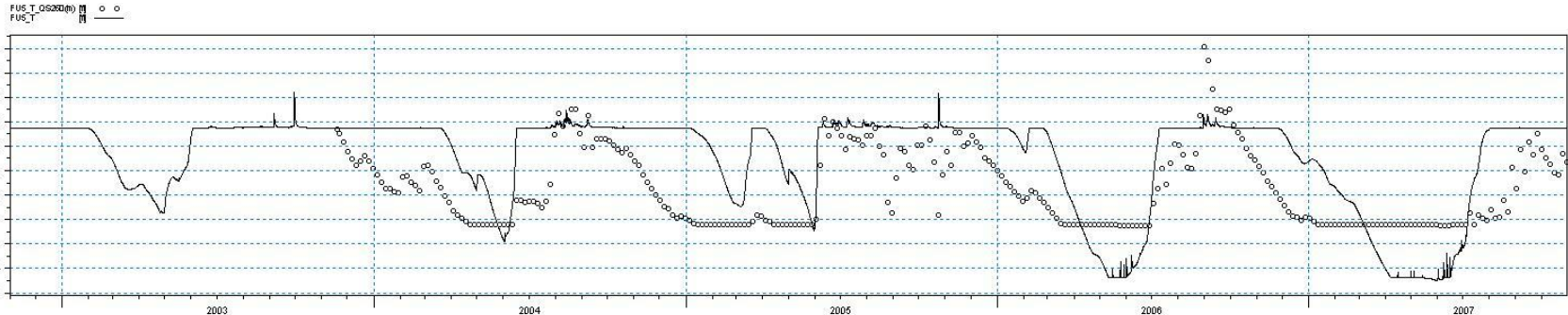


Station: **FU4_H**



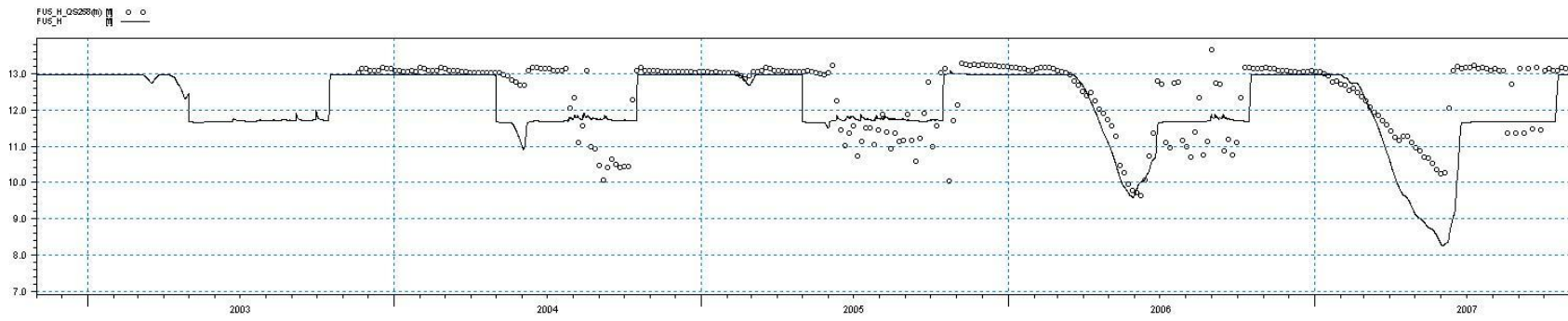
ME=-1.34369
 MAE=1.52889
 RMSE=1.92203
 STDres=1.3743
 R(Correlation)=0.781944
 R2(Nash Sutcliffe)=0.207029

Station: FU5_T



ME=-1.13494
 MAE=1.66289
 RMSE=1.94329
 STDres=1.57743
 R(Correlation)=0.63913
 R2(Nash Sutcliffe)=-0.607037

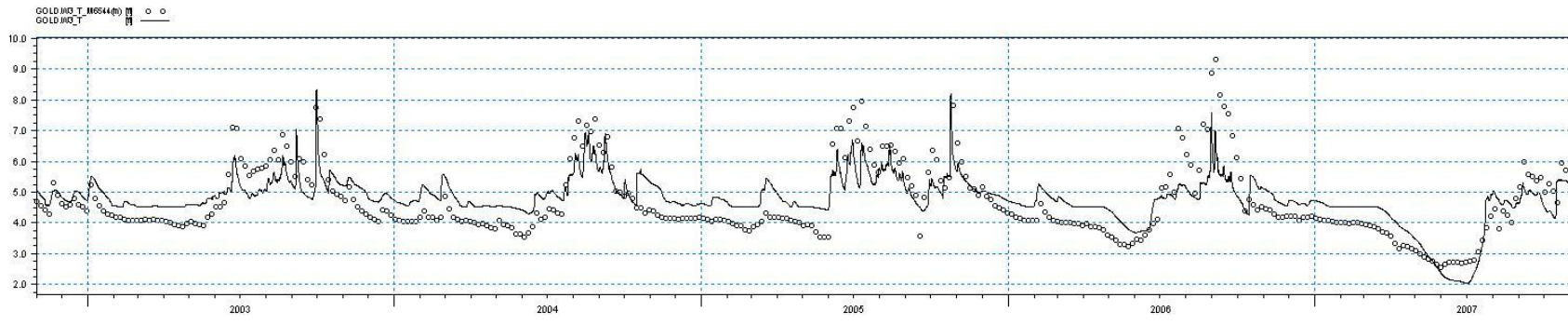
Station: FU5_H



ME=0.32922
 MAE=0.618698
 RMSE=0.900021
 STDres=0.837647
 R(Correlation)=0.660645
 R2(Nash_Sutcliffe)=0.154581

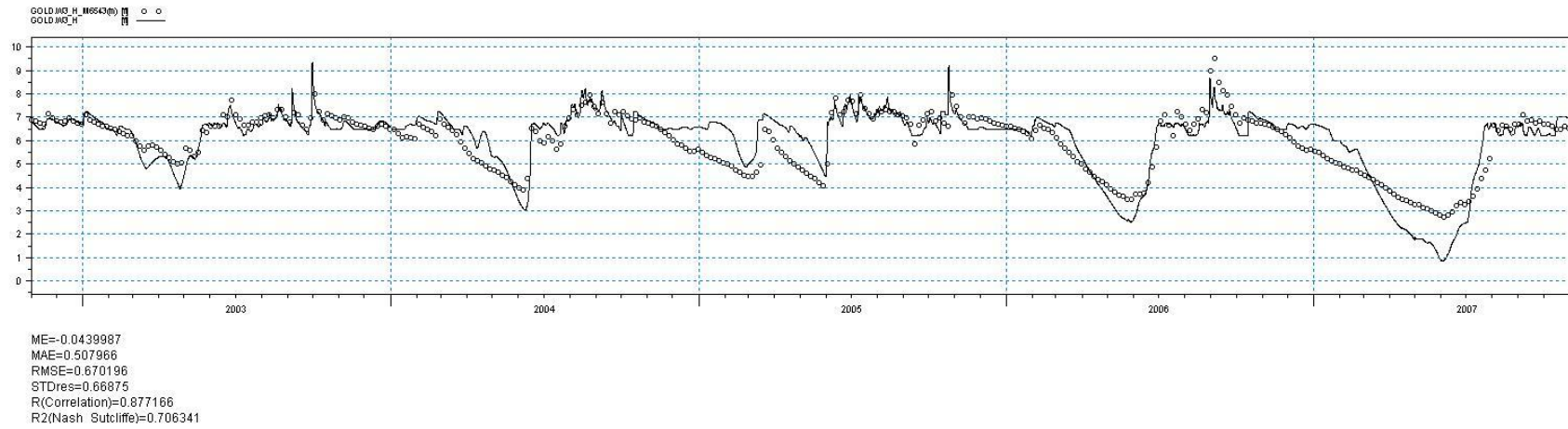
Golden Gate Main Canal

Station: **GOLD.W3_T**

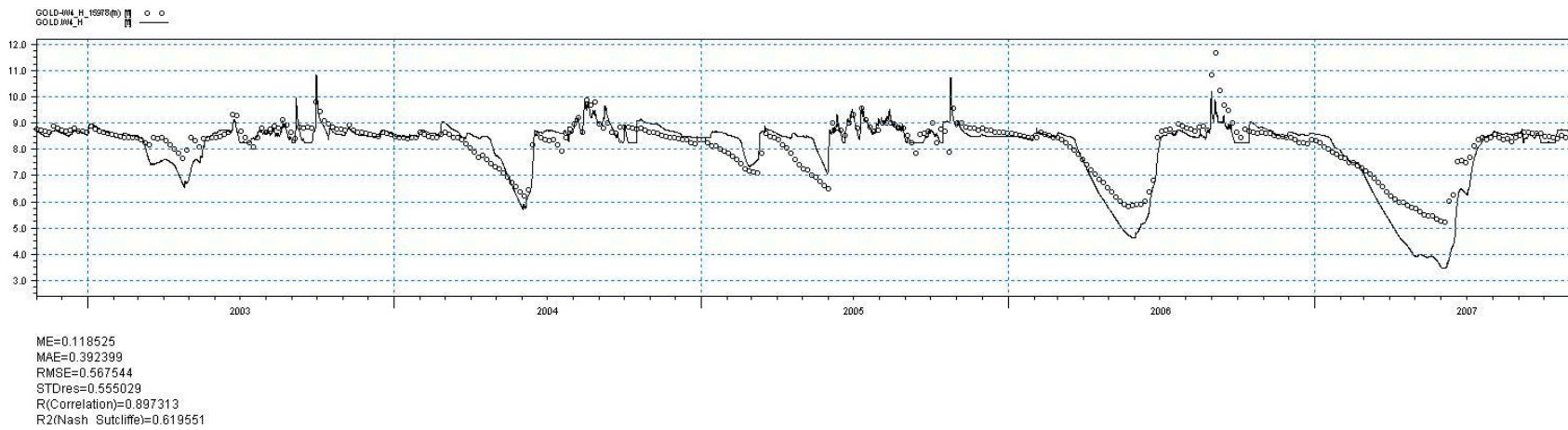


ME=-0.12134
 MAE=0.626366
 RMSE=0.72794
 STDres=0.717756
 R(Correlation)=0.800696
 R2(Nash_Sutcliffe)=0.59641

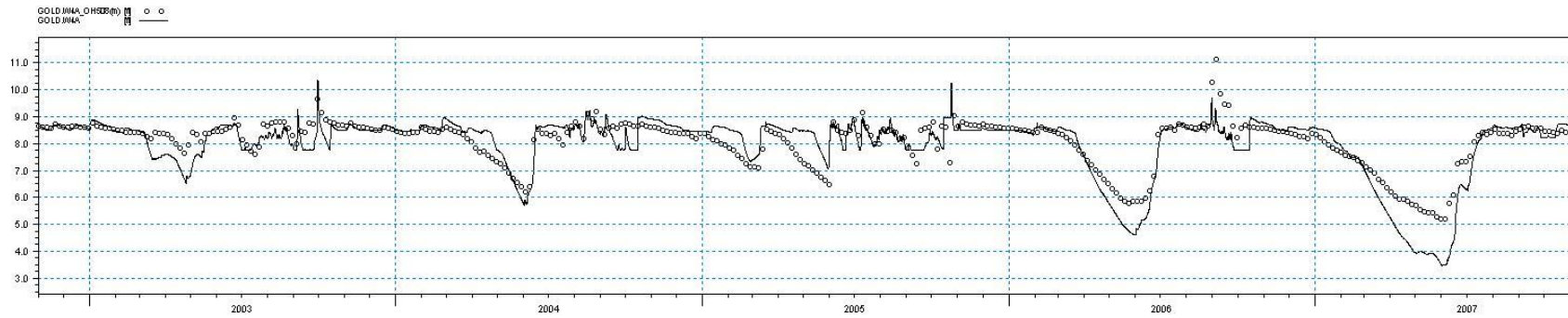
Station: GOLD.W3_H



Station: GOLD.W4_H

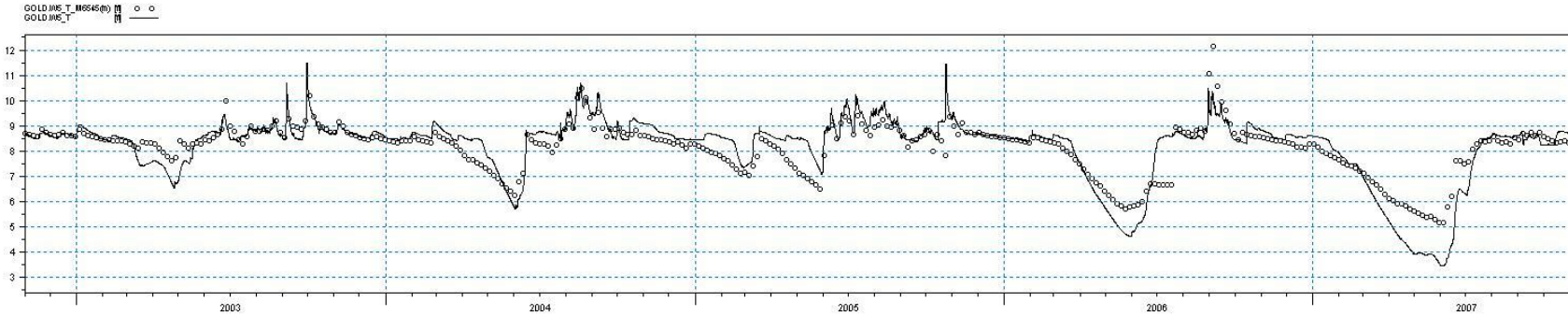


Station: GOLD.W4A



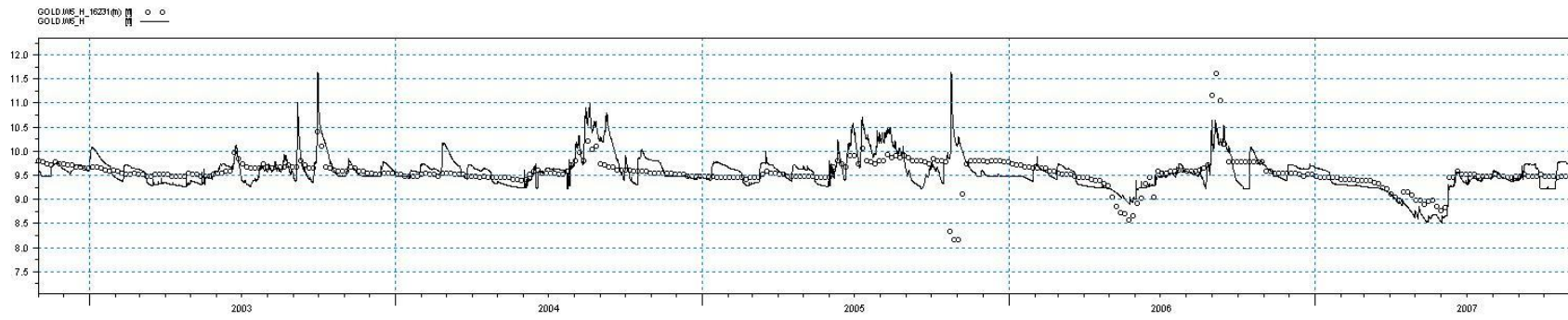
ME=0.126832
 MAE=0.404428
 RMSE=0.580704
 STDres=0.566684
 R(Correlation)=0.881457
 R2(Nash Sutcliffe)=0.552221

Station: GOLD.W5_T



ME=-0.0165233
 MAE=0.420395
 RMSE=0.600376
 STDres=0.600148
 R(Correlation)=0.887863
 R2(Nash Sutcliffe)=0.626353

Station: GOLD.W5_H



ME=-0.00573298
MAE=0.193991
RMSE=0.304185
STDres=0.304131
R(Correlation)=0.546128
R2(Nash Sutcliffe)=-0.0317294