

WISE SoE data request 2007 - Step 3

EIONET-Water: Lakes

Bulgaria

Aggregated data

Graphical presentation of possible outliers

Following graphical representations of time series were generated from data in tables, which are uploaded at Eionet Water library on EEA CIRCA on same place as this document. The tables contains list of records which responsible ETC-WTR data manager detected as outlying using documented rules and methods.

Responsible national data managers or experts can use this document to help them decide whether detected values are errors or results of natural processes which are possible in respective area. Results of their decision (either corrected values or explanation) should be prepared and delivered according published guidelines or upon an agreement with responsible data manager of the ETC-WTR.

Time series graphs are ordered by determinand, by station ID and by aggregation period in this order.

Determinand:

BOD5

WaterbaseID:

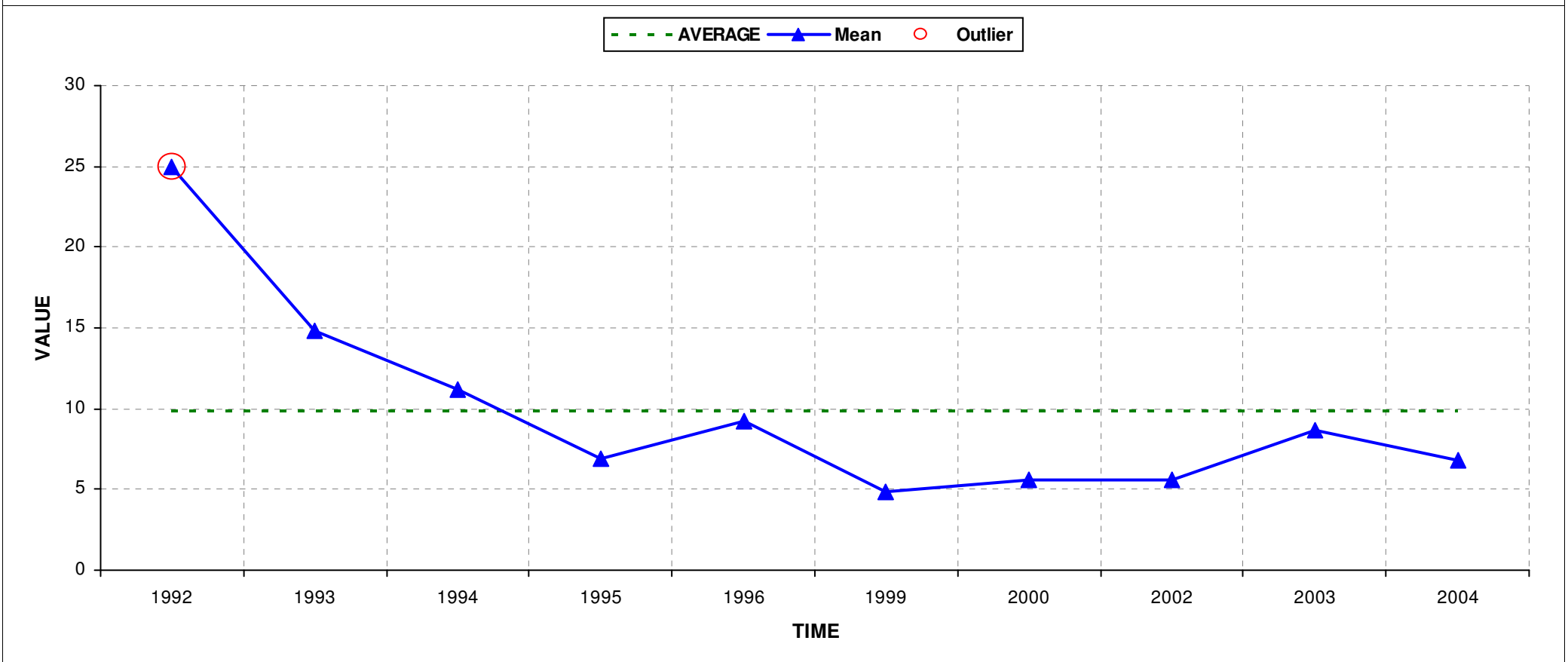
BG_LK_60000130

AggregationPeriod:

Annual

Outlier values ([Year, Unit]: Mean):

[1992, mg/l O₂]: 24.926



Determinand:

BOD5

WaterbaseID:

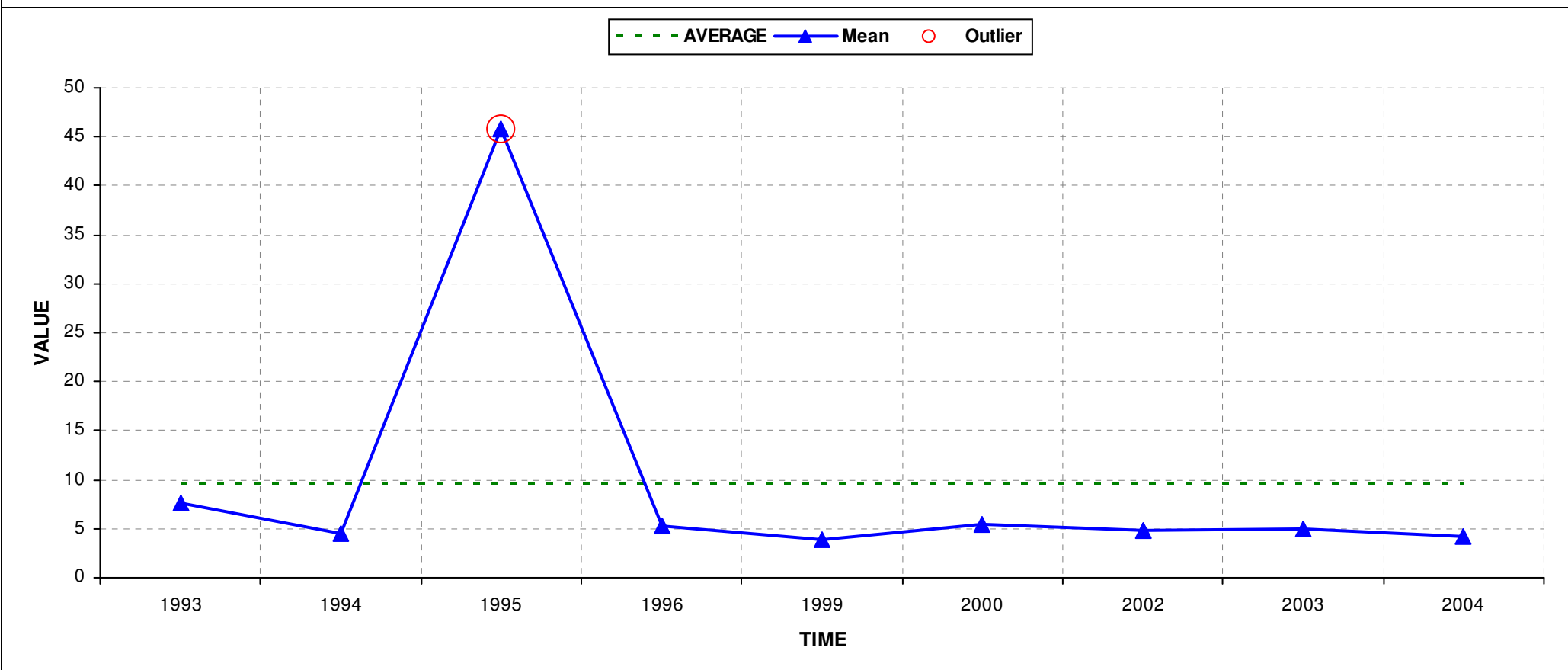
BG_LK_60000412

AggregationPeriod:

Annual

Outlier values ([Year, Unit]: Mean):

[1995, mg/l O₂]: 45.842



Determinand:

Nitrate

WaterbaseID:

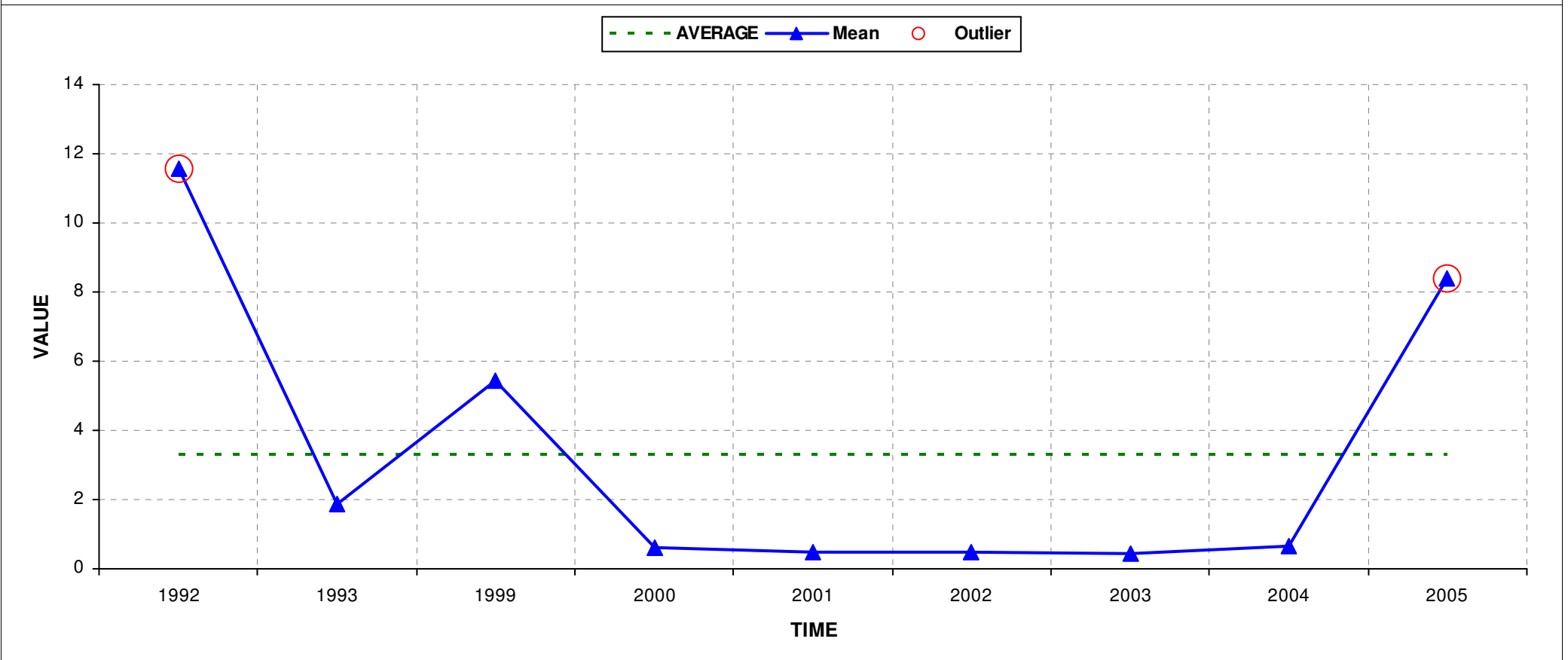
BG_LK_30060101

AggregationPeriod:

Annual

Outlier values ([Year, Unit]: Mean):

[1992, mg/l N]: 11.563; [2005, mg/l N]: 8.38



Determinand:

Orthophosphate

WaterbaseID:

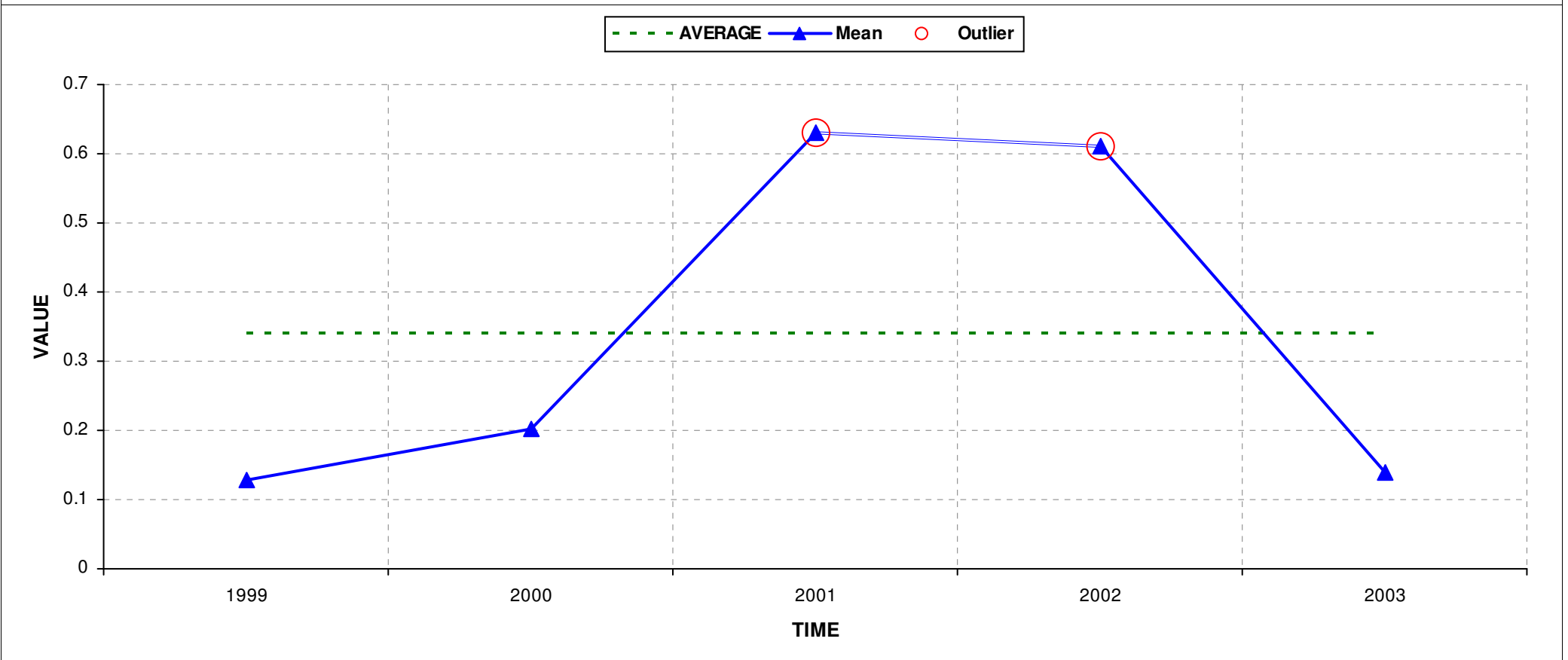
BG_LK_30061536

AggregationPeriod:

Annual

Outlier values ([Year, Unit]: Mean):

[2001, mg/l P]: 0.63; [2002, mg/l P]: 0.61



Determinand:

Orthophosphate

WaterbaseID:

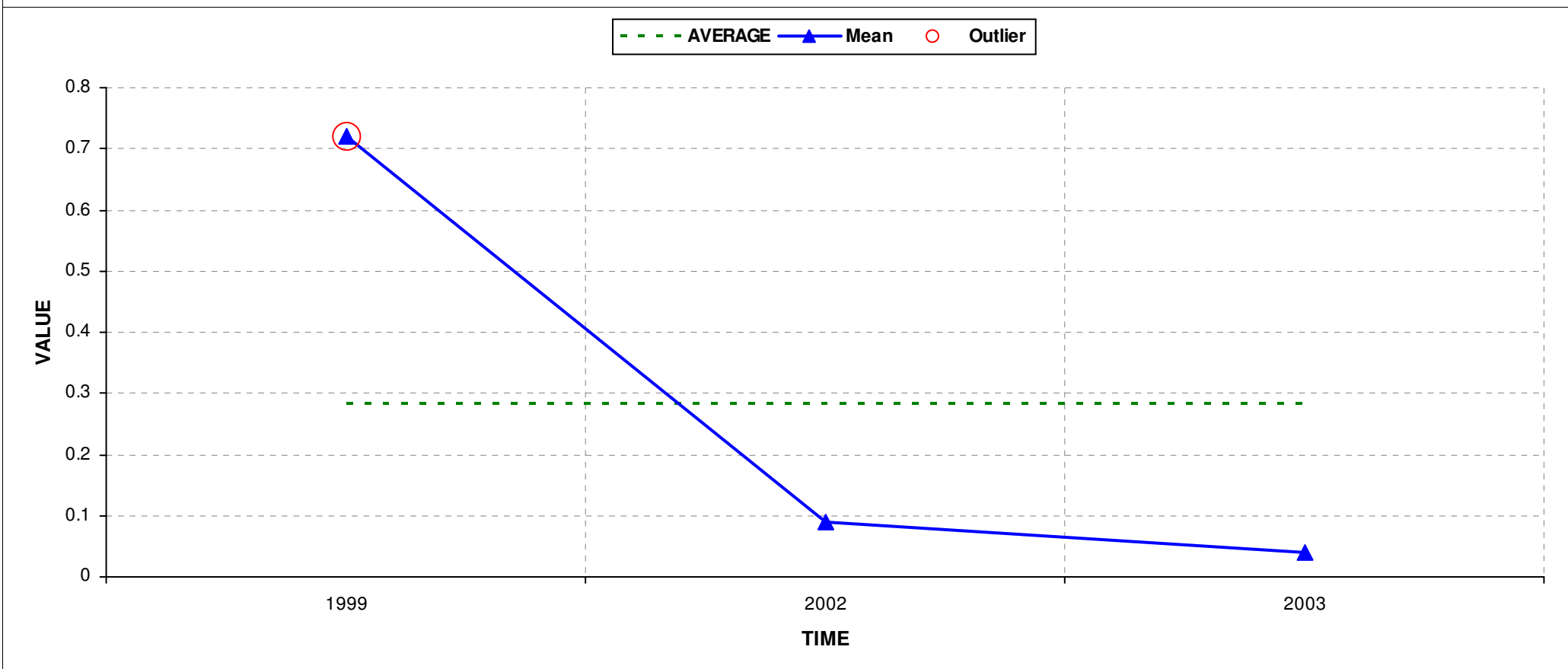
BG_LK_60000128

AggregationPeriod:

Annual

Outlier values ([Year, Unit]: Mean):

[1999, mg/l P]: 0.72



Determinand:

Orthophosphate

WaterbaseID:

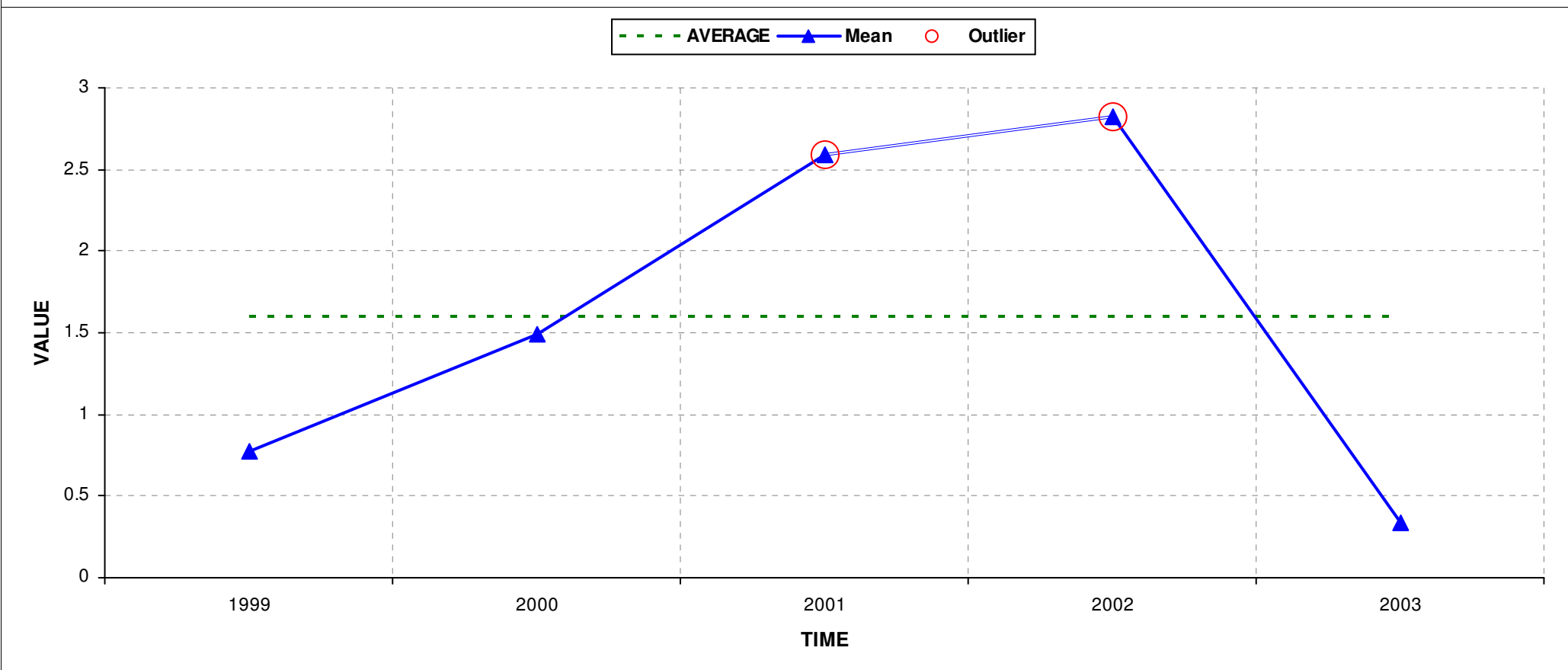
BG_LK_60000129

AggregationPeriod:

Annual

Outlier values ([Year, Unit]: Mean):

[2001, mg/l P]: 2.59; [2002, mg/l P]: 2.826666667



Determinand:

Orthophosphate

WaterbaseID:

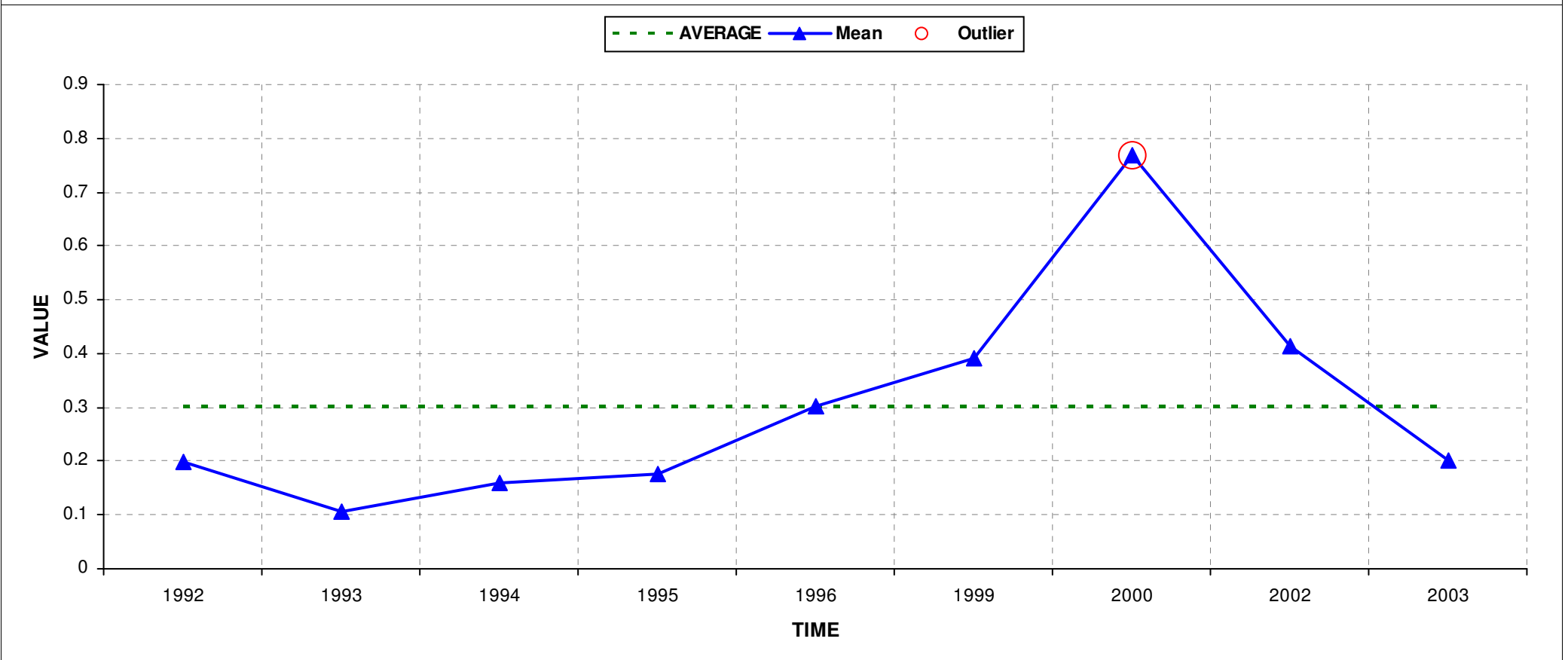
BG_LK_60000130

AggregationPeriod:

Annual

Outlier values ([Year, Unit]: Mean):

[2000, mg/l P]: 0.768



Determinand:

Orthophosphate

WaterbaseID:

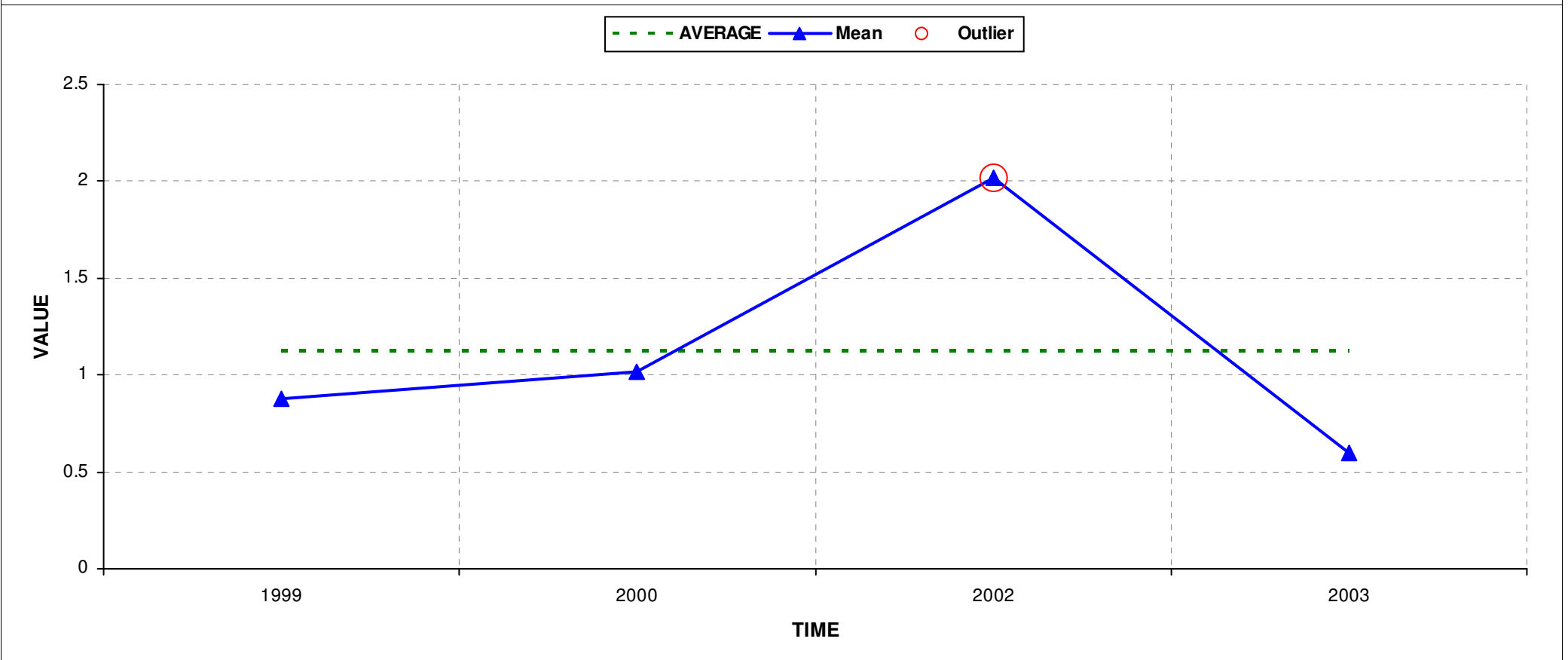
BG_LK_60000411

AggregationPeriod:

Annual

Outlier values ([Year, Unit]: Mean):

[2002, mg/l P]: 2.015



Determinand:

Orthophosphate

WaterbaseID:

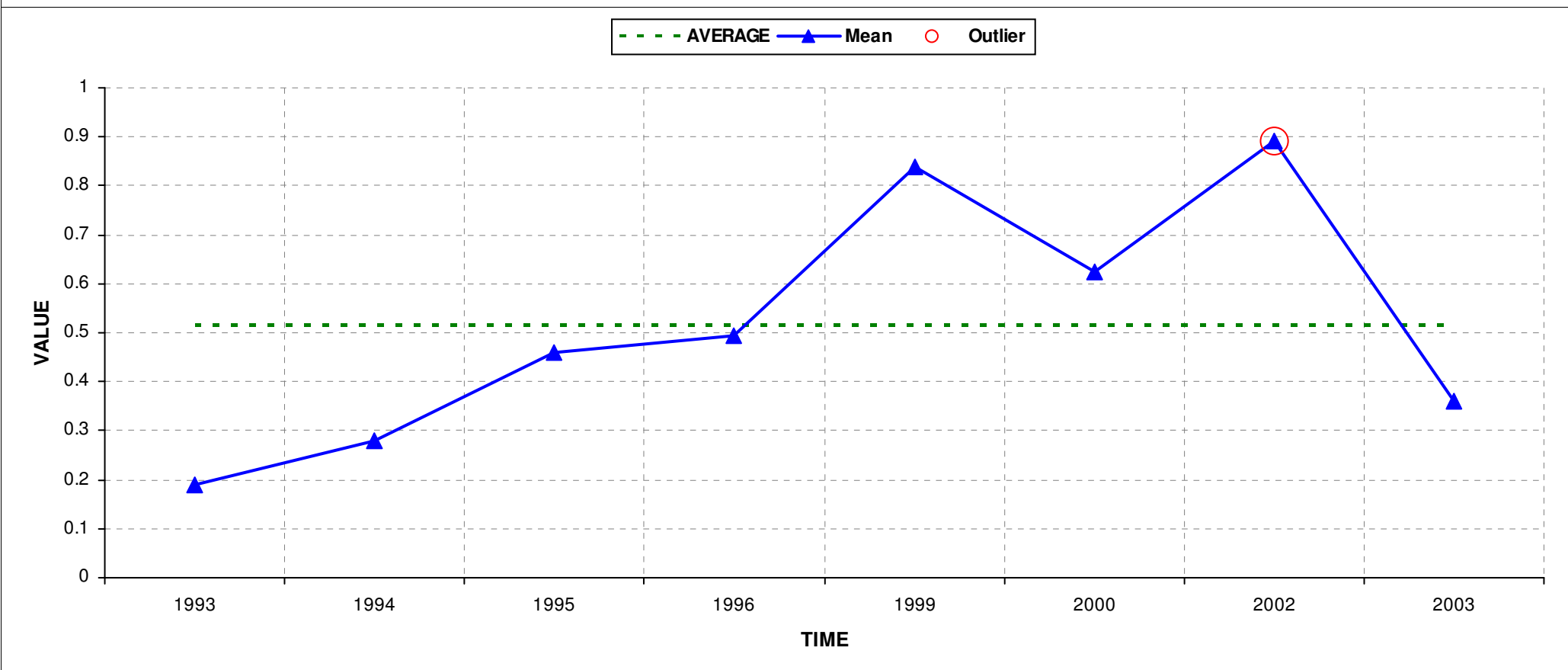
BG_LK_60000412

AggregationPeriod:

Annual

Outlier values ([Year, Unit]: Mean):

[2002, mg/l P]: 0.89



Determinand:

Total Ammonium

WaterbaseID:

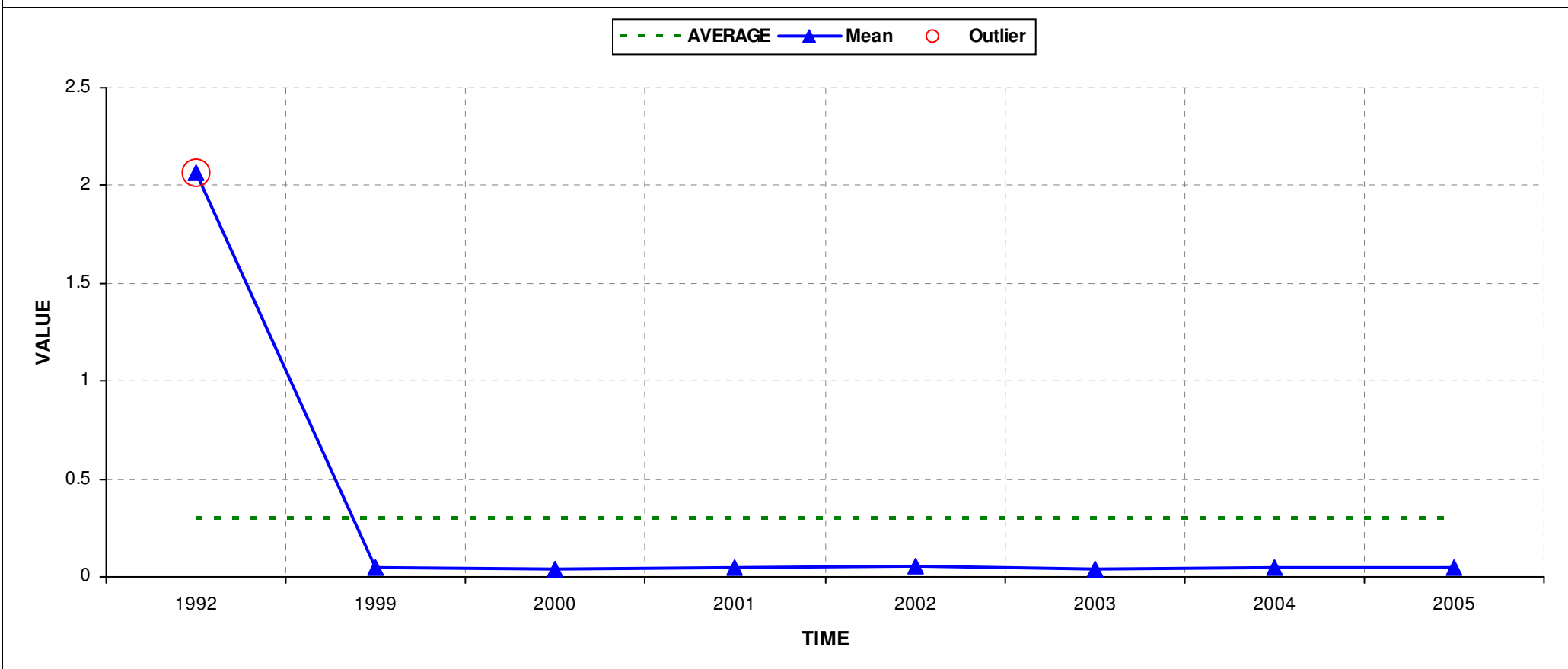
BG_LK_30059075

AggregationPeriod:

Annual

Outlier values ([Year, Unit]: Mean):

[1992, mg/l N]: 2.068



Determinand:

Total Ammonium

WaterbaseID:

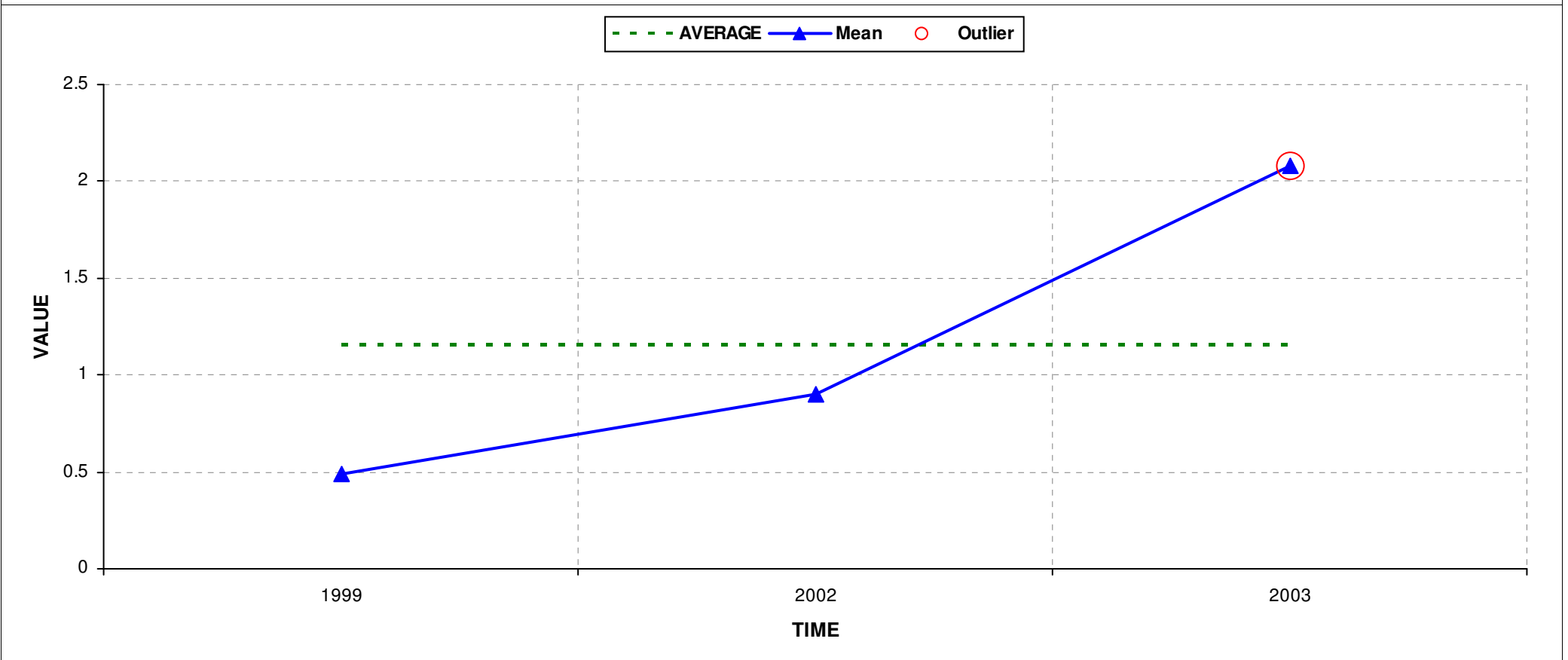
BG_LK_60000128

AggregationPeriod:

Annual

Outlier values ([Year, Unit]: Mean):

[2003, mg/l N]: 2.08



Determinand:

Total Ammonium

WaterbaseID:

BG_LK_60000130

AggregationPeriod:

Annual

Outlier values ([Year, Unit]: Mean):

[1993, mg/l N]: 1.676

