WISE SoE data request 2007 - Step 3

EIONET-Water: Lakes

Hungaria

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.

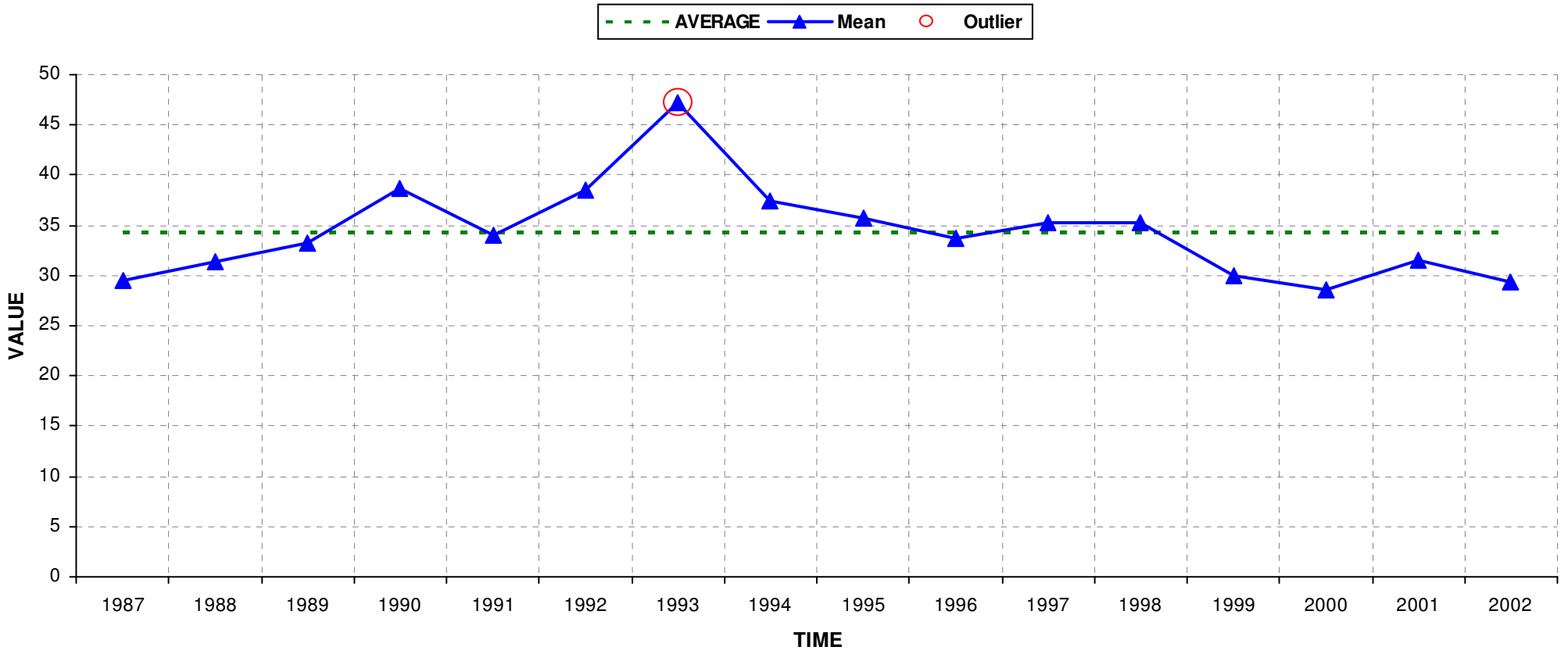
Time series graphs are ordered by determinand, by station ID and by aggregation period in this order.

Determinand:
Alkalinity

WaterbaseID:
HU_LK_04FF41

AggregationPeriod:
Summer

Outlier values ([Year, Unit]: Mean):
[1993, meq/l]: 47.137142

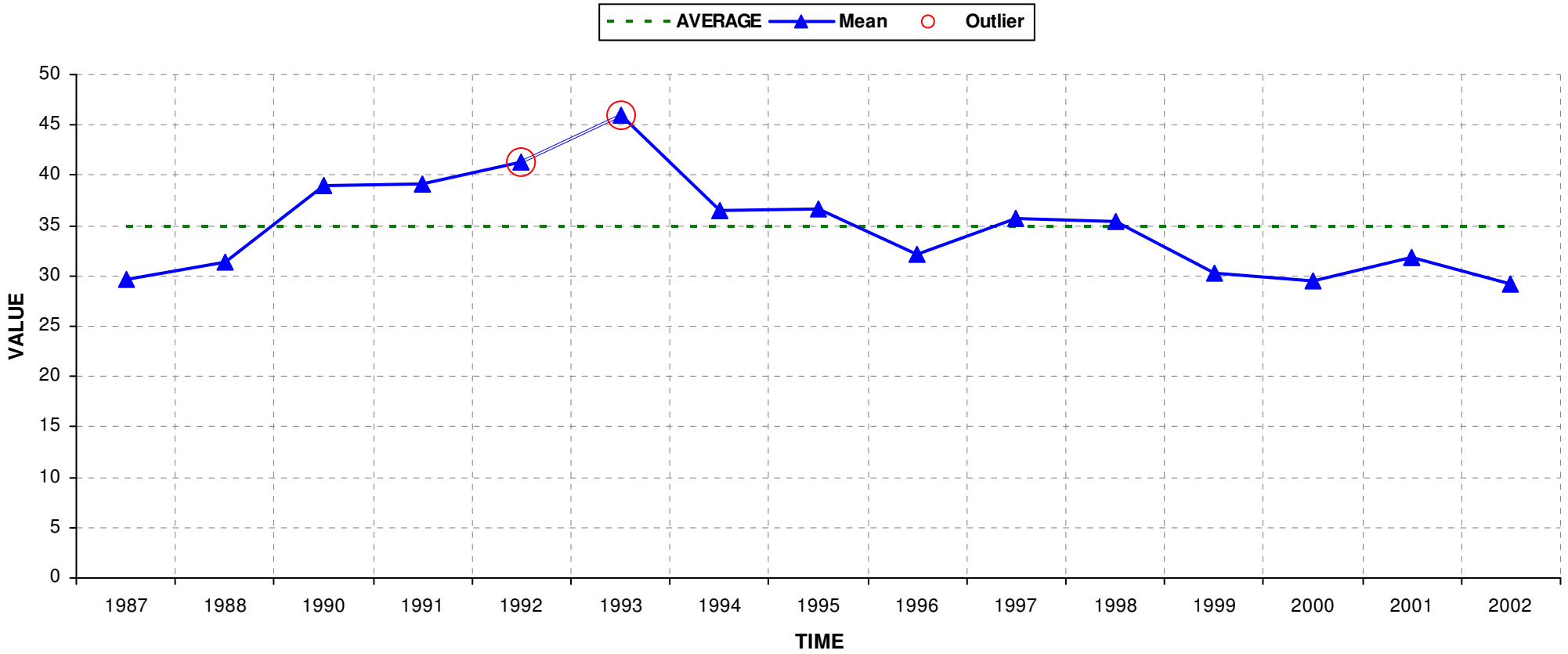


Determinand:
Alkalinity

WaterbaseID:
HU_LK_04FV11

AggregationPeriod:
Annual

Outlier values ([Year, Unit]: Mean):
[1992, meq/l]: 41.228572; [1993, meq/l]: 45.933334

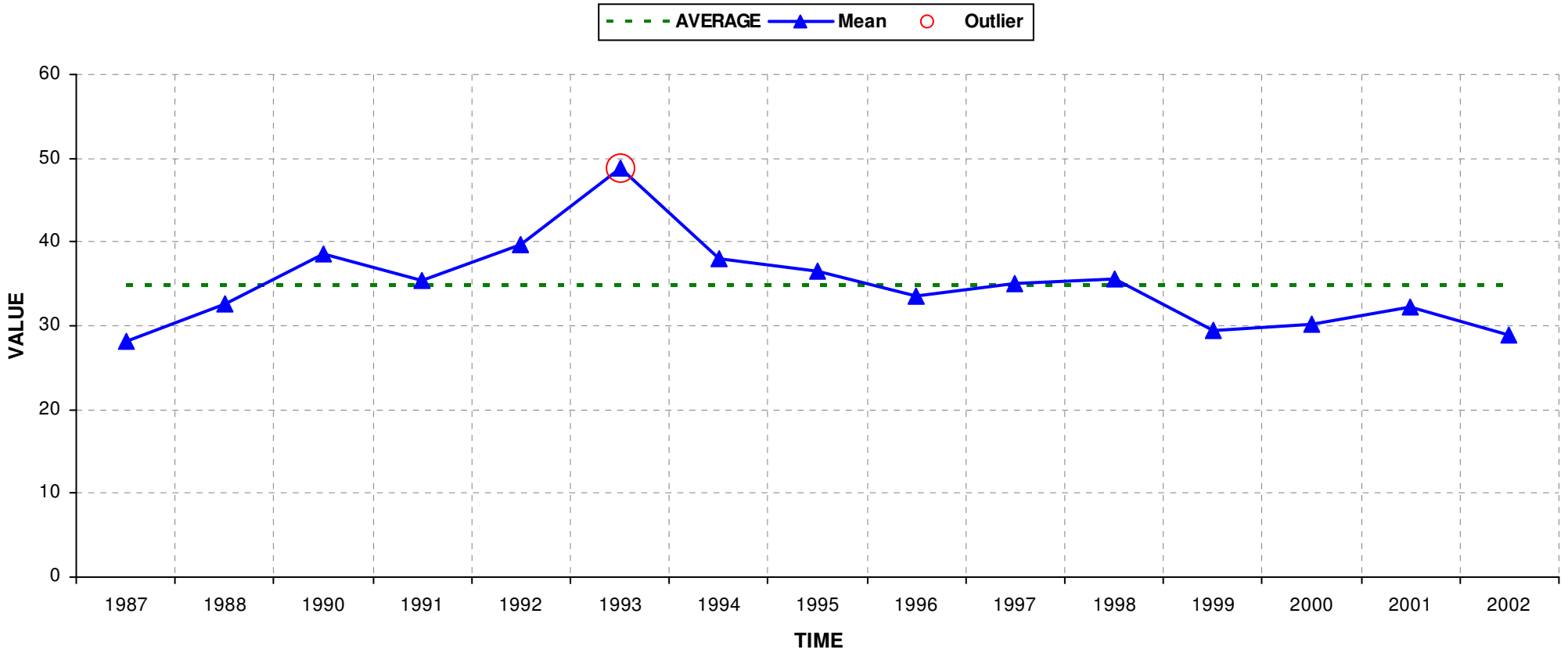


Determinand:
Alkalinity

WaterbaseID:
HU_LK_04FV11

AggregationPeriod:
Summer

Outlier values ([Year, Unit]: Mean):
[1993, meq/l]: 48.794286

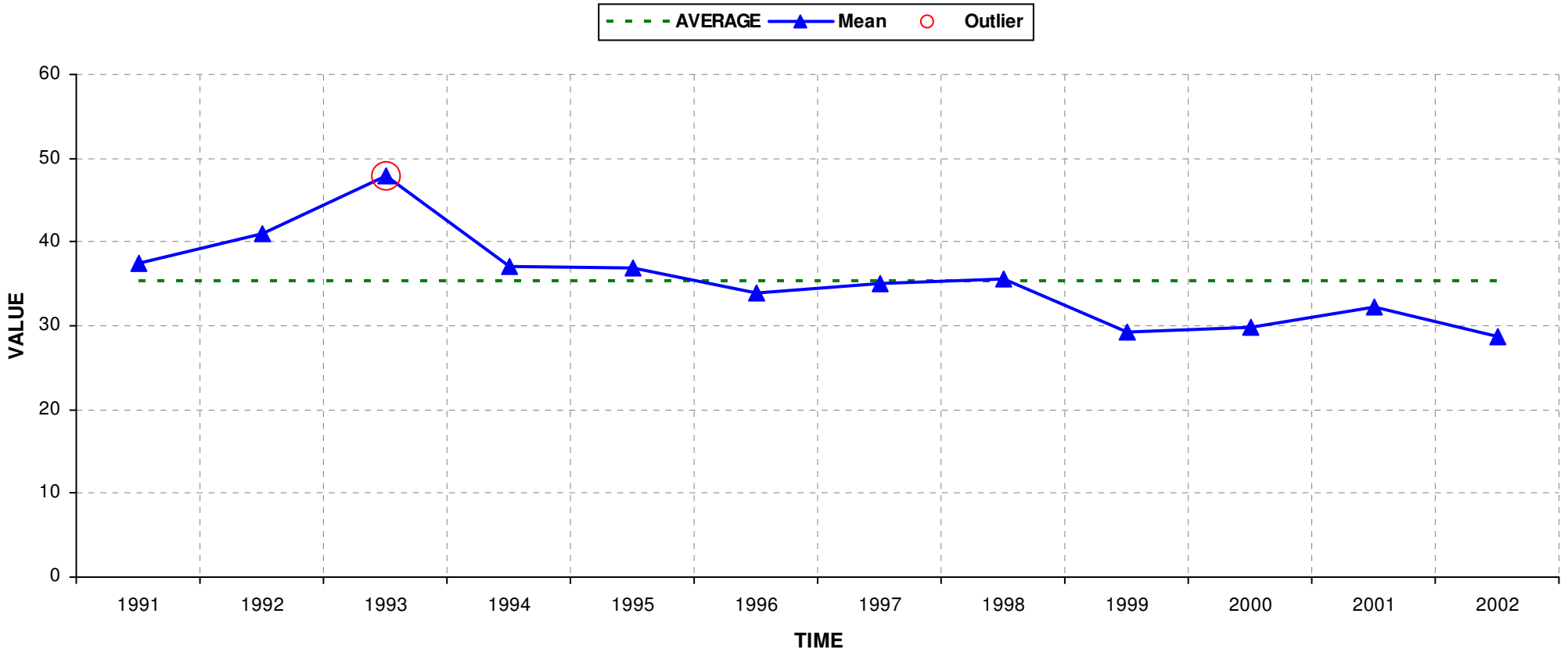


Determinand:
Alkalinity

WaterbaseID:
HU_LK_04FV44

AggregationPeriod:
Annual

Outlier values ([Year, Unit]: Mean):
[1993, meq/l]: 47.947272

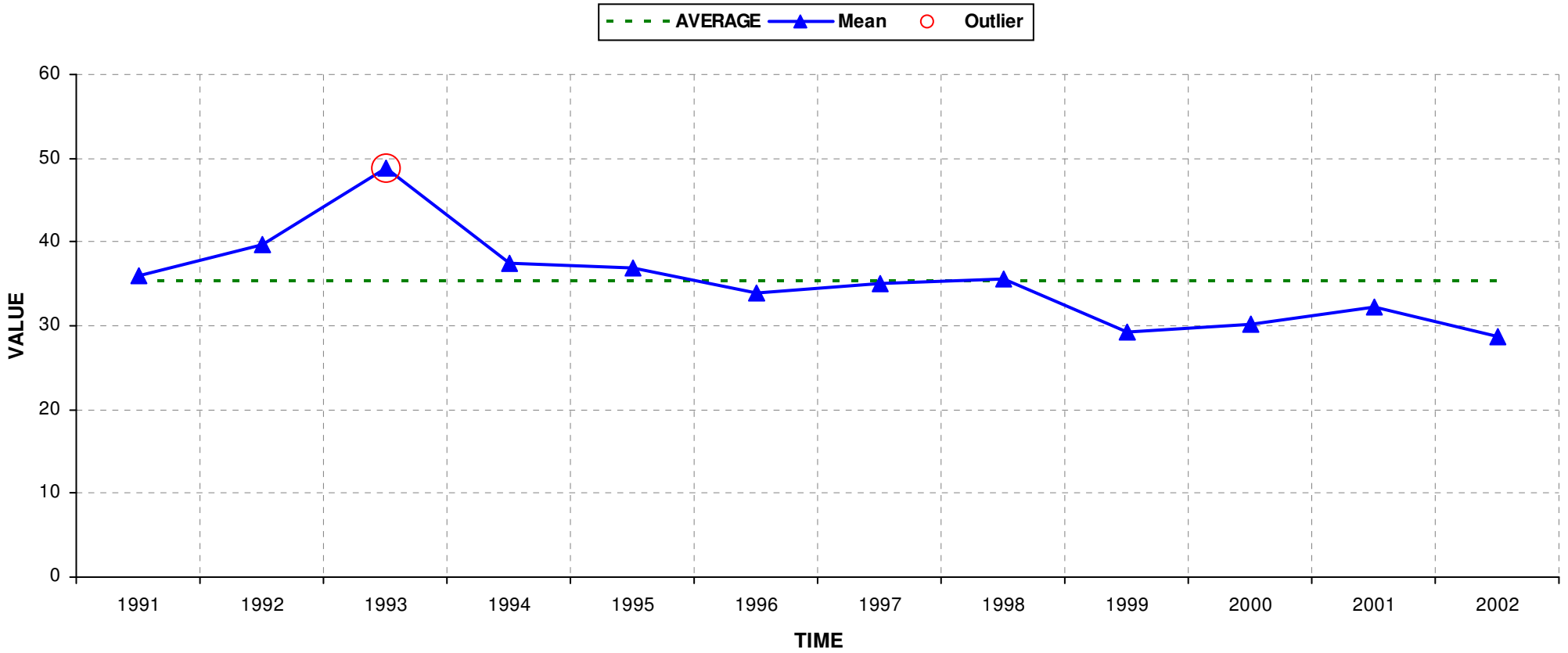


Determinand:
Alkalinity

WaterbaseID:
HU_LK_04FV44

AggregationPeriod:
Summer

Outlier values ([Year, Unit]: Mean):
[1993, meq/l]: 48.905714

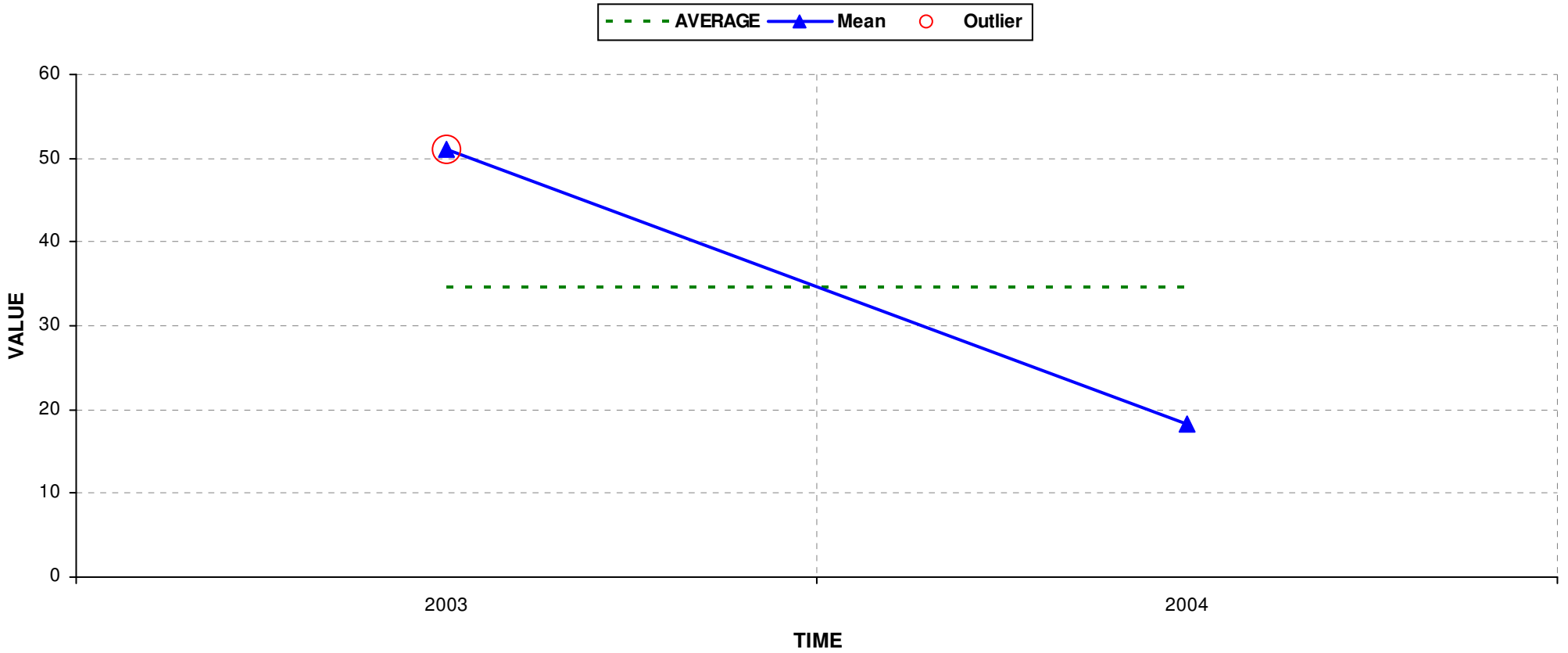


Determinand:
CODMn

WaterbaseID:
HU_LK_07fo21

AggregationPeriod:
Annual

Outlier values ([Year, Unit]: Mean):
[2003, mg/l O2]: 51

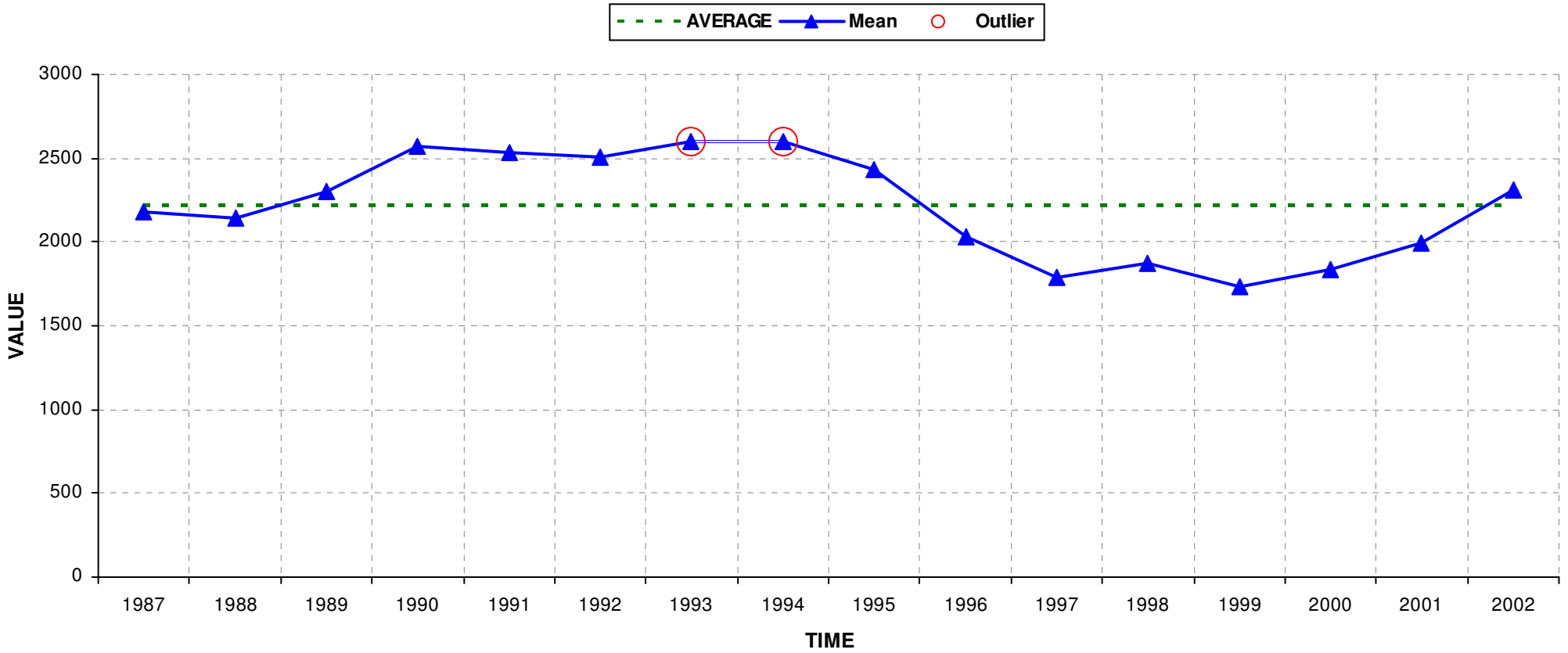


Determinand:
Conductivity

WaterbaseID:
HU_LK_01FF34

AggregationPeriod:
Annual

Outlier values ([Year, Unit]: Mean):
[1993, µS/cm]: 2599.76; [1994, µS/cm]: 2602.269231

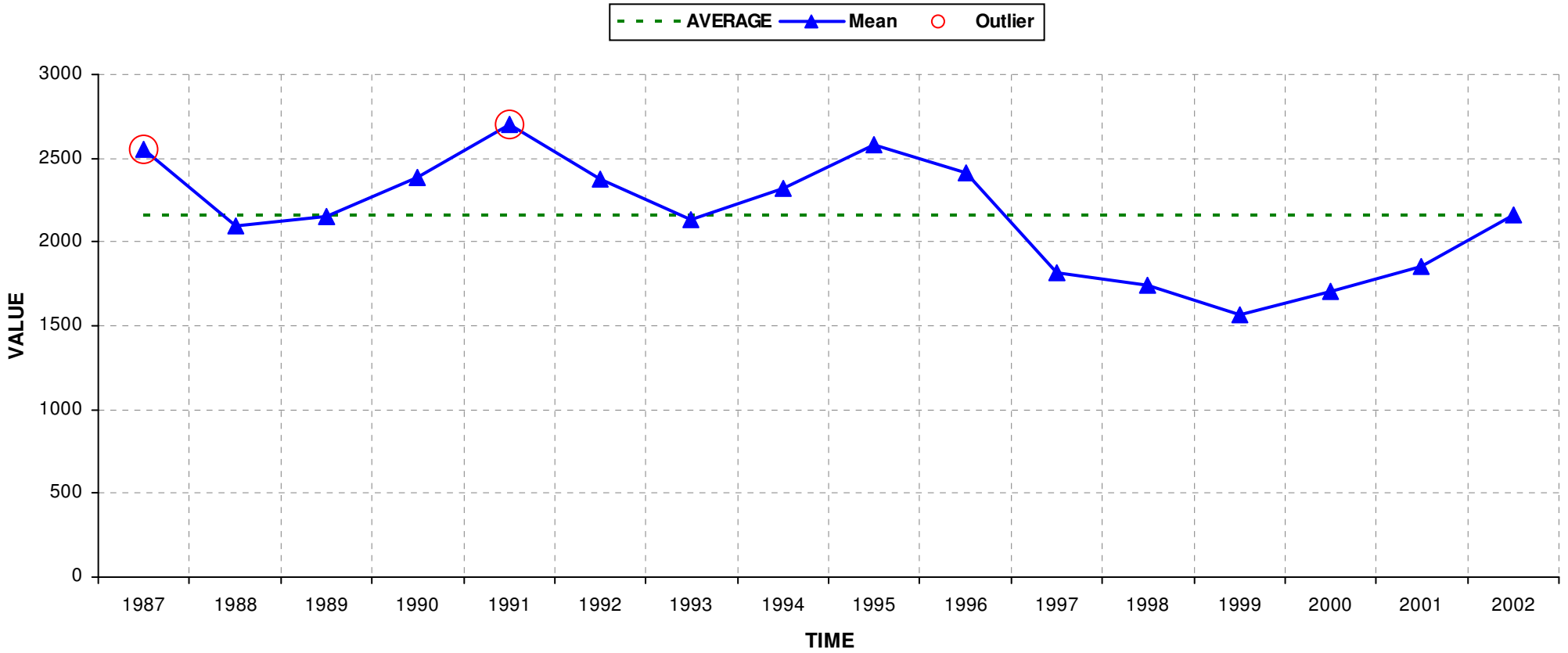


Determinand:
Conductivity

WaterbaseID:
HU_LK_01FF34

AggregationPeriod:
Winter

Outlier values ([Year, Unit]: Mean):
[1987, µS/cm]: 2553.8; [1991, µS/cm]: 2703.2

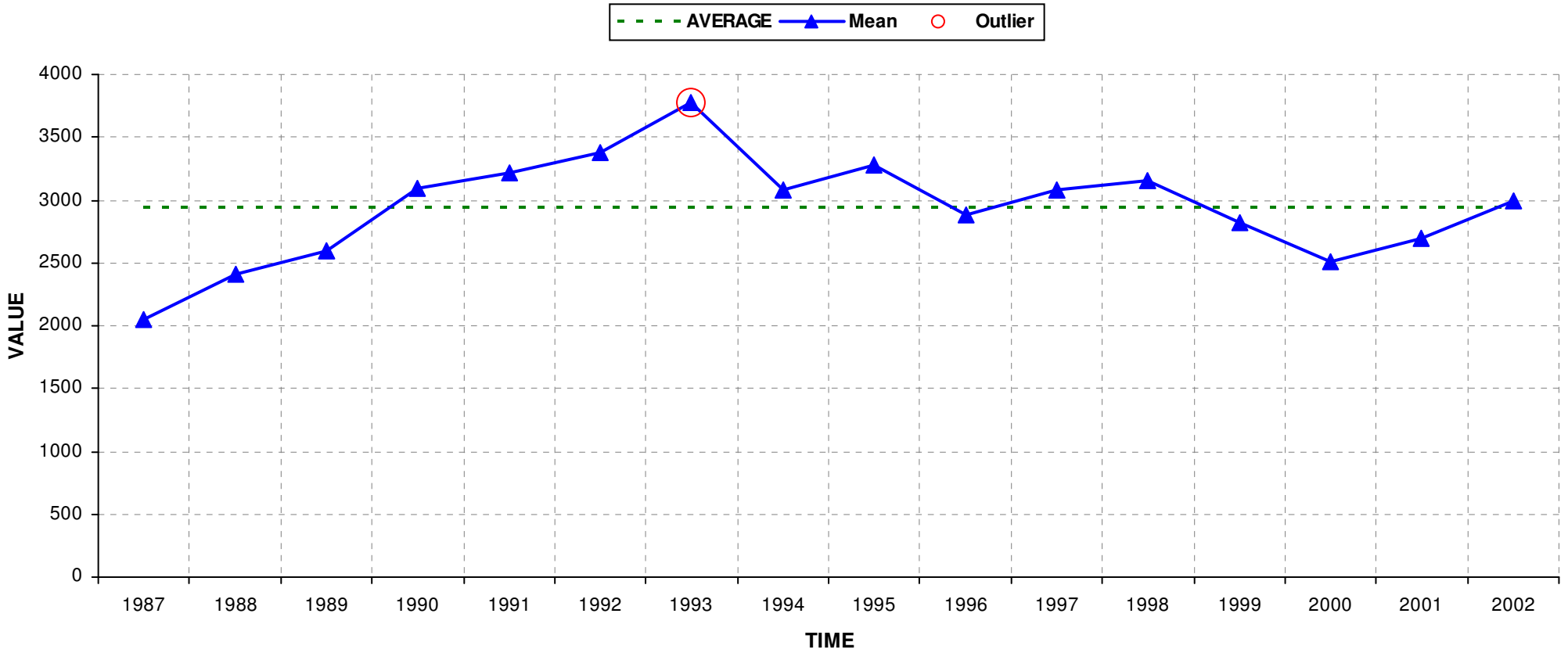


Determinand:
Conductivity

WaterbaseID:
HU_LK_04FF41

AggregationPeriod:
Annual

Outlier values ([Year, Unit]: Mean):
[1993, µS/cm]: 3770.793103

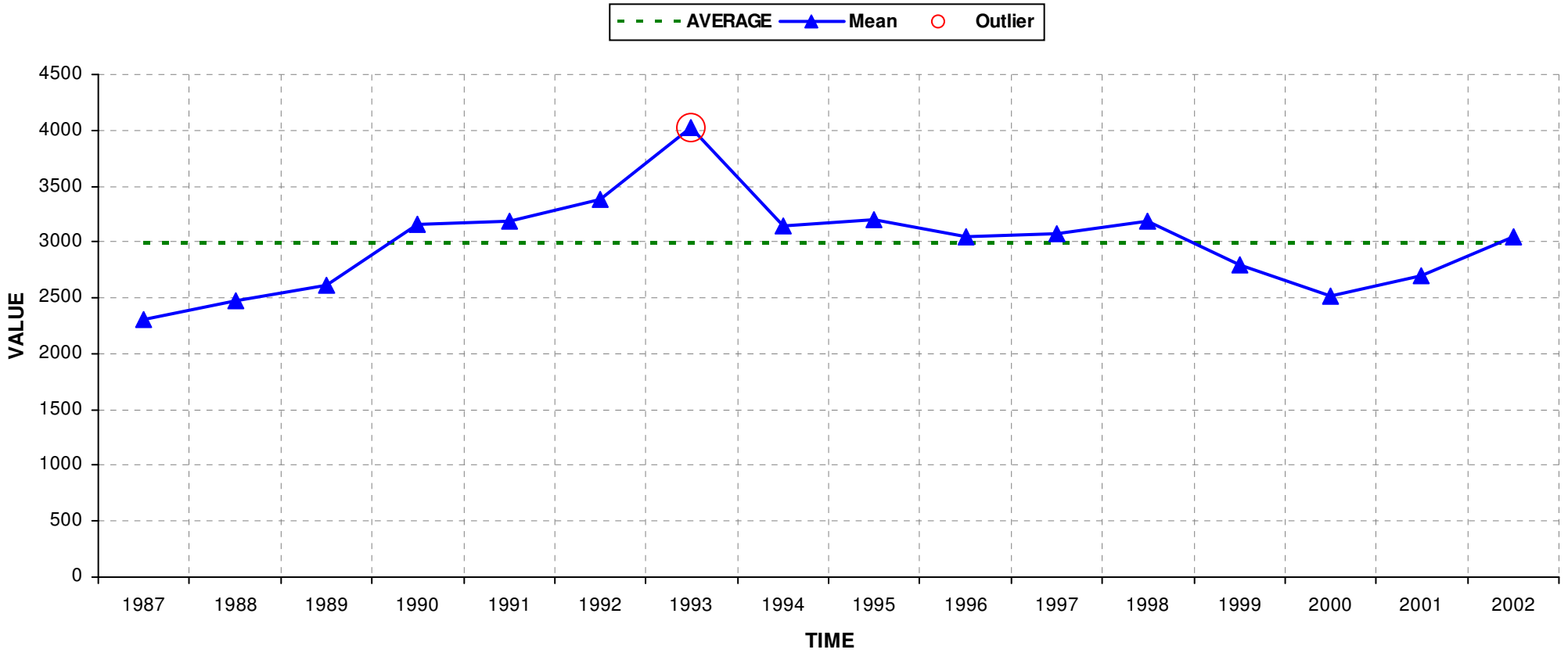


Determinand:
Conductivity

WaterbaseID:
HU_LK_04FF41

AggregationPeriod:
Summer

Outlier values ([Year, Unit]: Mean):
[1993, µS/cm]: 4029.111111

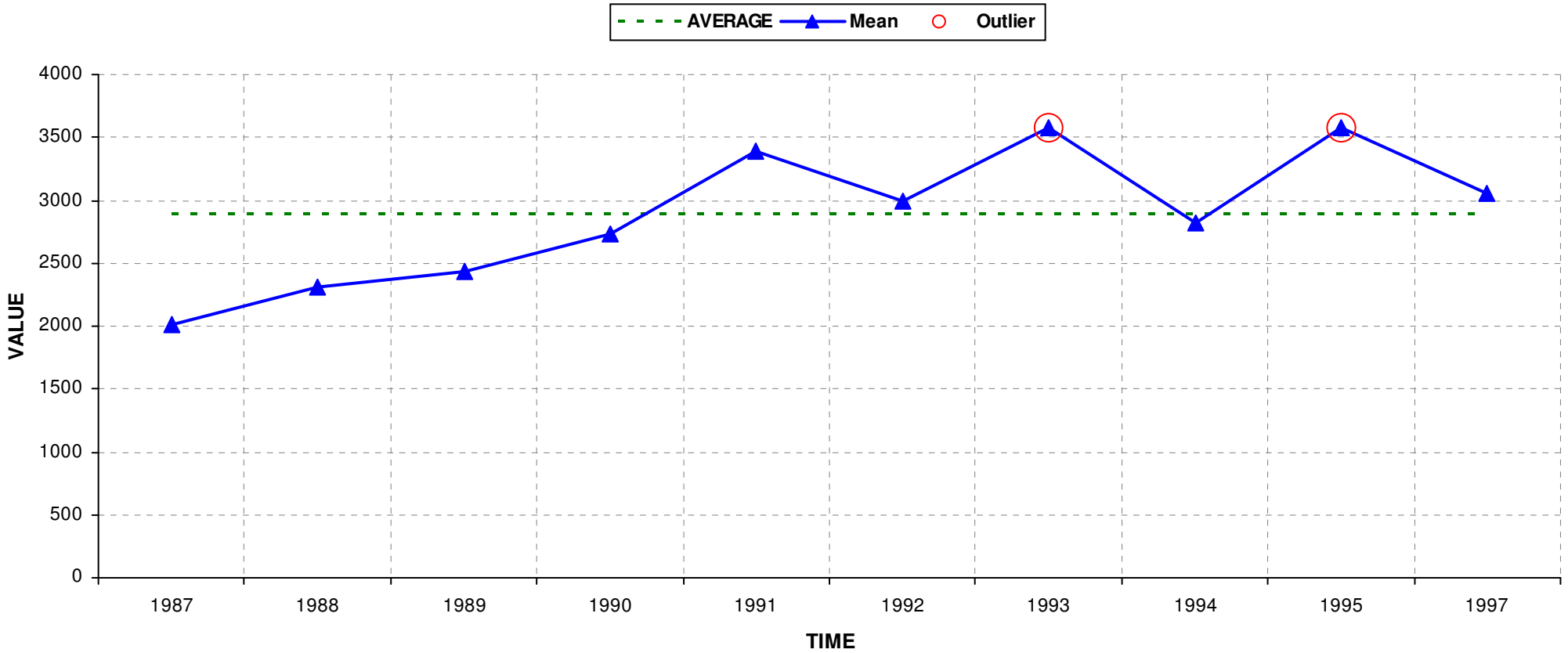


Determinand:
Conductivity

WaterbaseID:
HU_LK_04FF41

AggregationPeriod:
Winter

Outlier values ([Year, Unit]: Mean):
[1993, µS/cm]: 3575.333333; [1995, µS/cm]: 3583

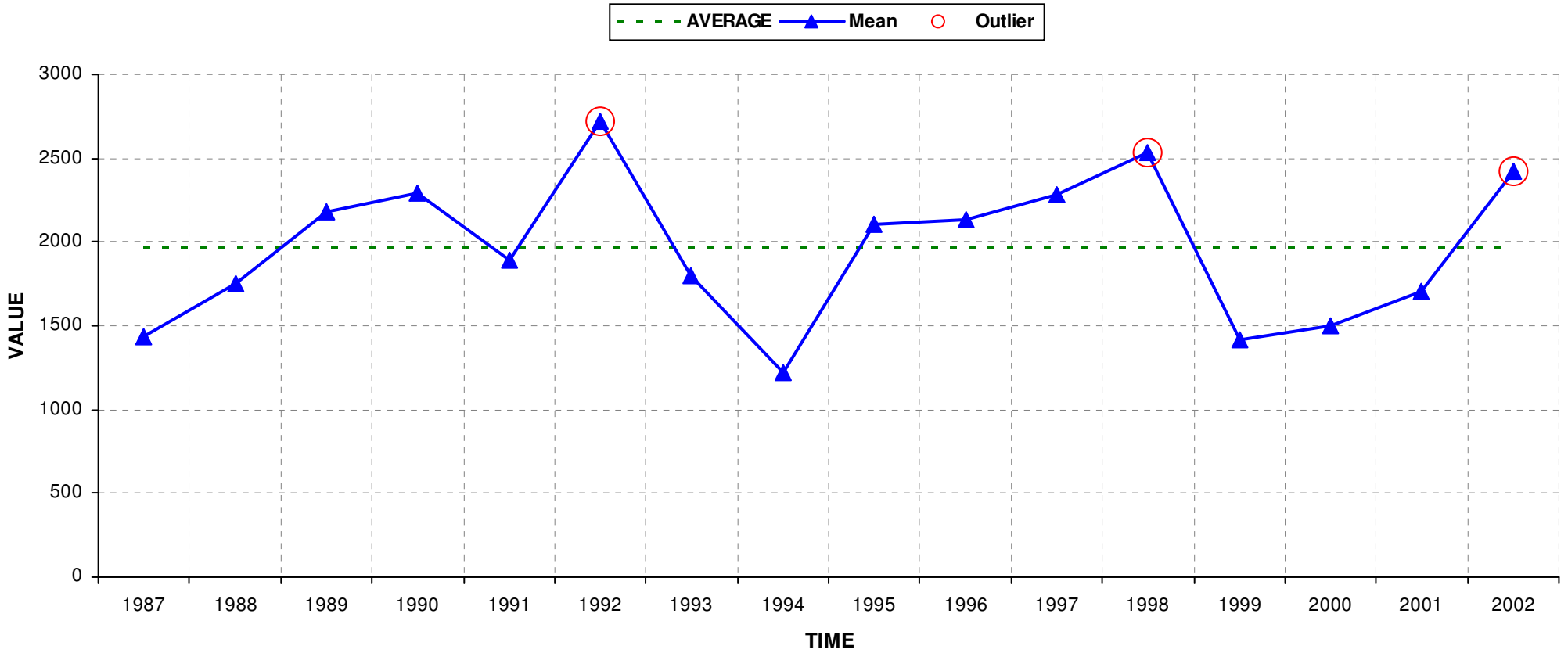


Determinand:
Conductivity

WaterbaseID:
HU_LK_04FV06

AggregationPeriod:
Annual

Outlier values ([Year, Unit]: Mean):
[1992, µS/cm]: 2716.214286; [1998, µS/cm]: 2534.928571; [2002, µS/cm]: 2418.5

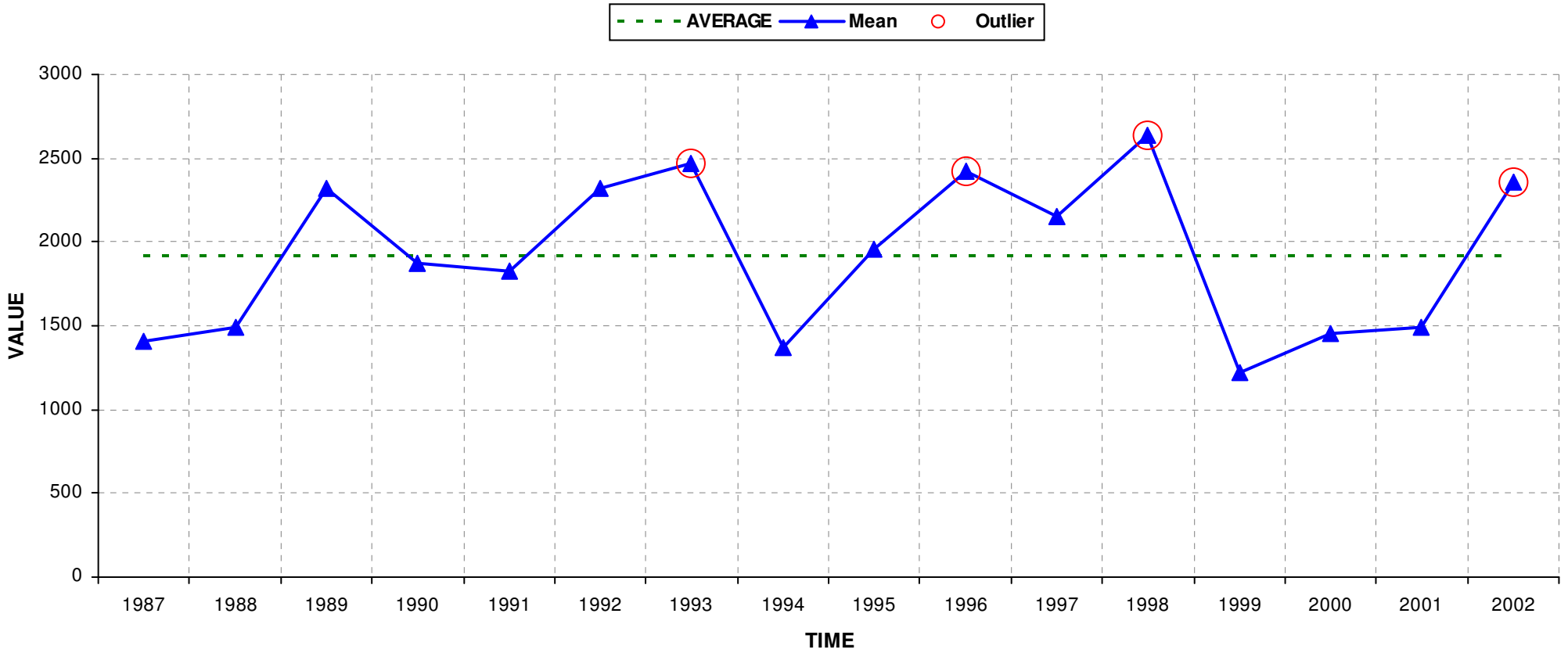


Determinand:
Conductivity

WaterbaseID:
HU_LK_04FV06

AggregationPeriod:
Summer

Outlier values ([Year, Unit]: Mean):
[1993, µS/cm]: 2467; [1996, µS/cm]: 2421.333333; [1998, µS/cm]: 2639.833333; [2002, µS/cm]: 2353.5

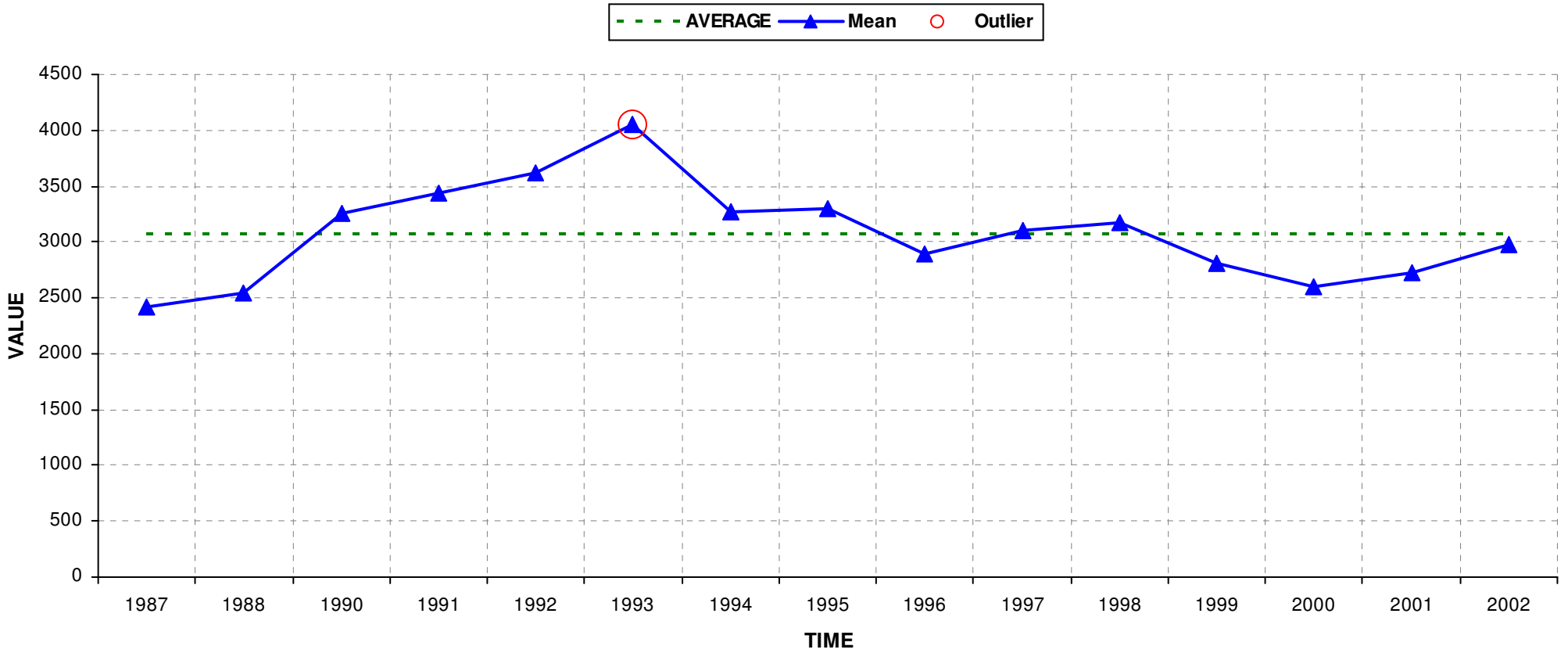


Determinand:
Conductivity

WaterbaseID:
HU_LK_04FV11

AggregationPeriod:
Annual

Outlier values ([Year, Unit]: Mean):
[1993, µS/cm]: 4049.333333

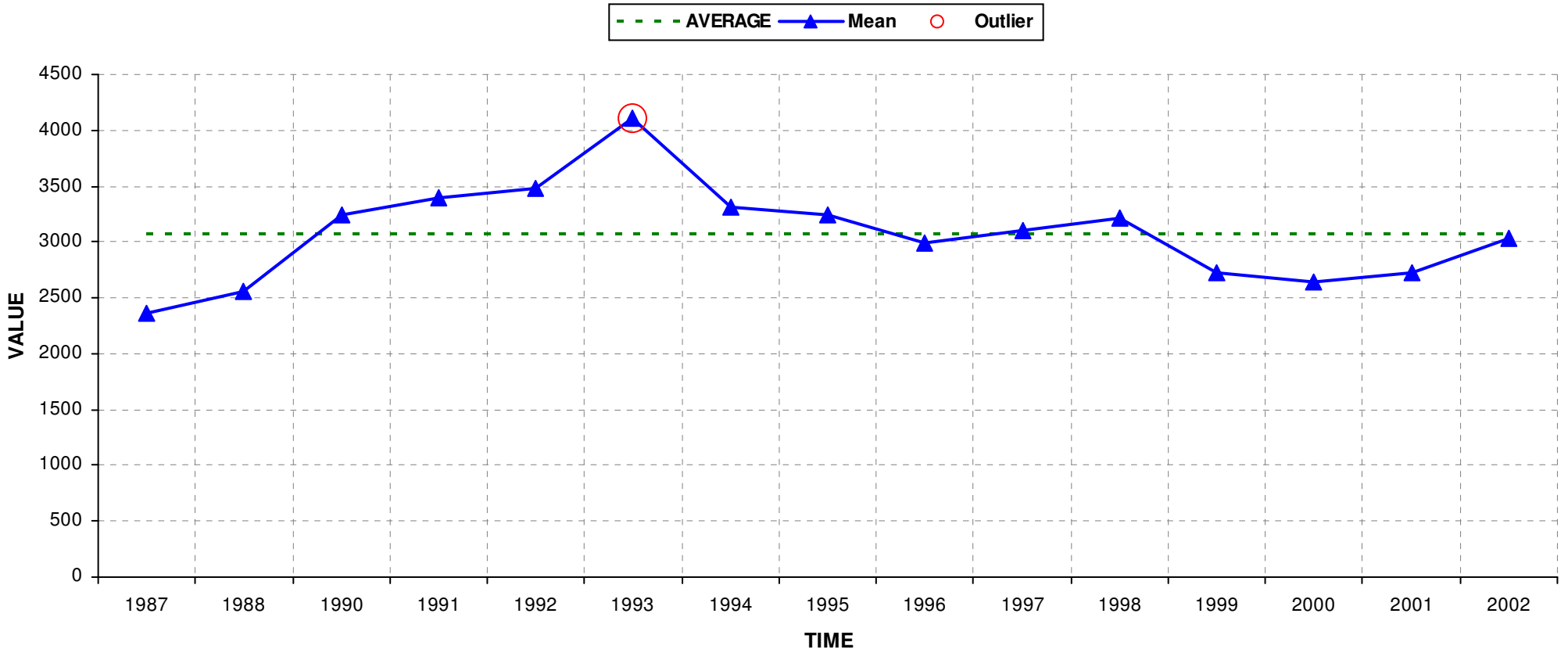


Determinand:
Conductivity

WaterbaseID:
HU_LK_04FV11

AggregationPeriod:
Summer

Outlier values ([Year, Unit]: Mean):
[1993, µS/cm]: 4115.285714

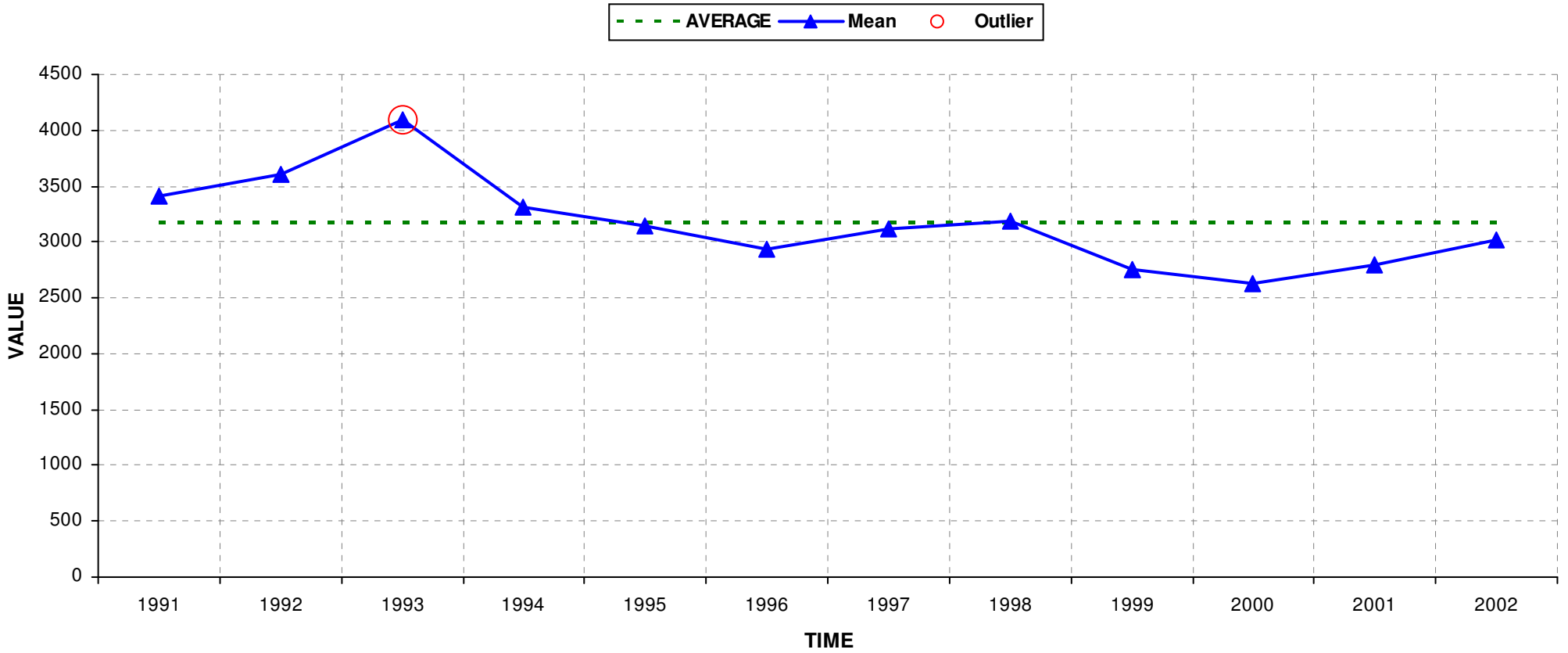


Determinand:
Conductivity

WaterbaseID:
HU_LK_04FV44

AggregationPeriod:
Annual

Outlier values ([Year, Unit]: Mean):
[1993, µS/cm]: 4091.636364

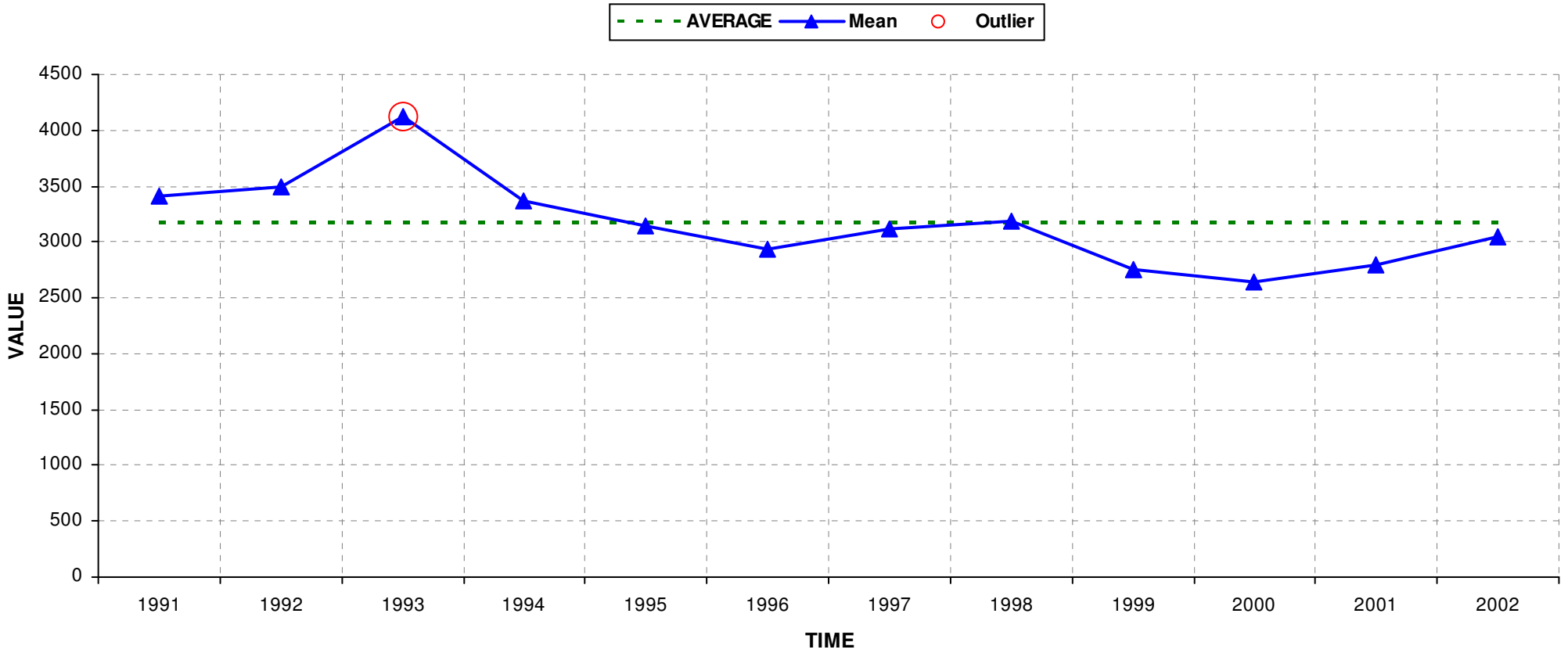


Determinand:
Conductivity

WaterbaseID:
HU_LK_04FV44

AggregationPeriod:
Summer

Outlier values ([Year, Unit]: Mean):
[1993, µS/cm]: 4127.428571

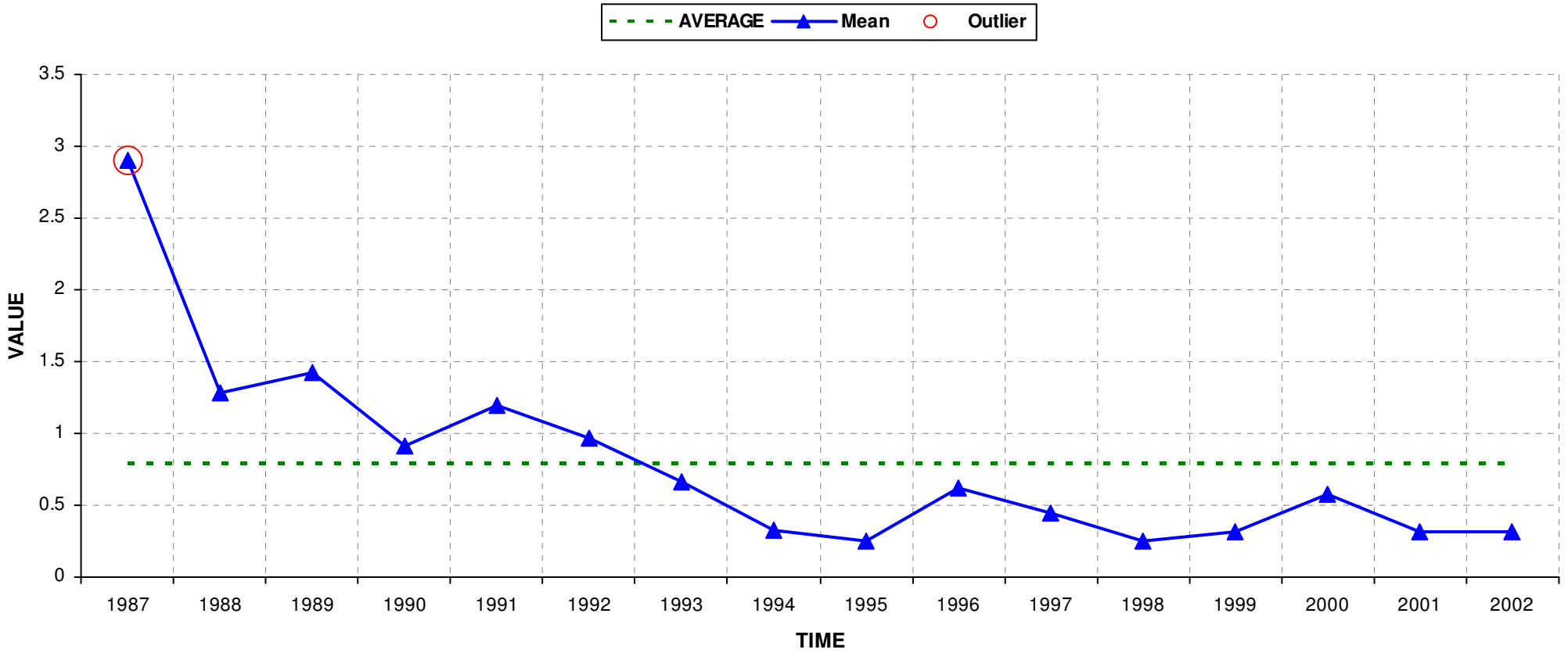


Determinand:
Total Inorganic Nitrogen

WaterbaseID:
HU_LK_04FF41

AggregationPeriod:
Annual

Outlier values ([Year, Unit]: Mean):
[1987, mg/l N]: 2.897037

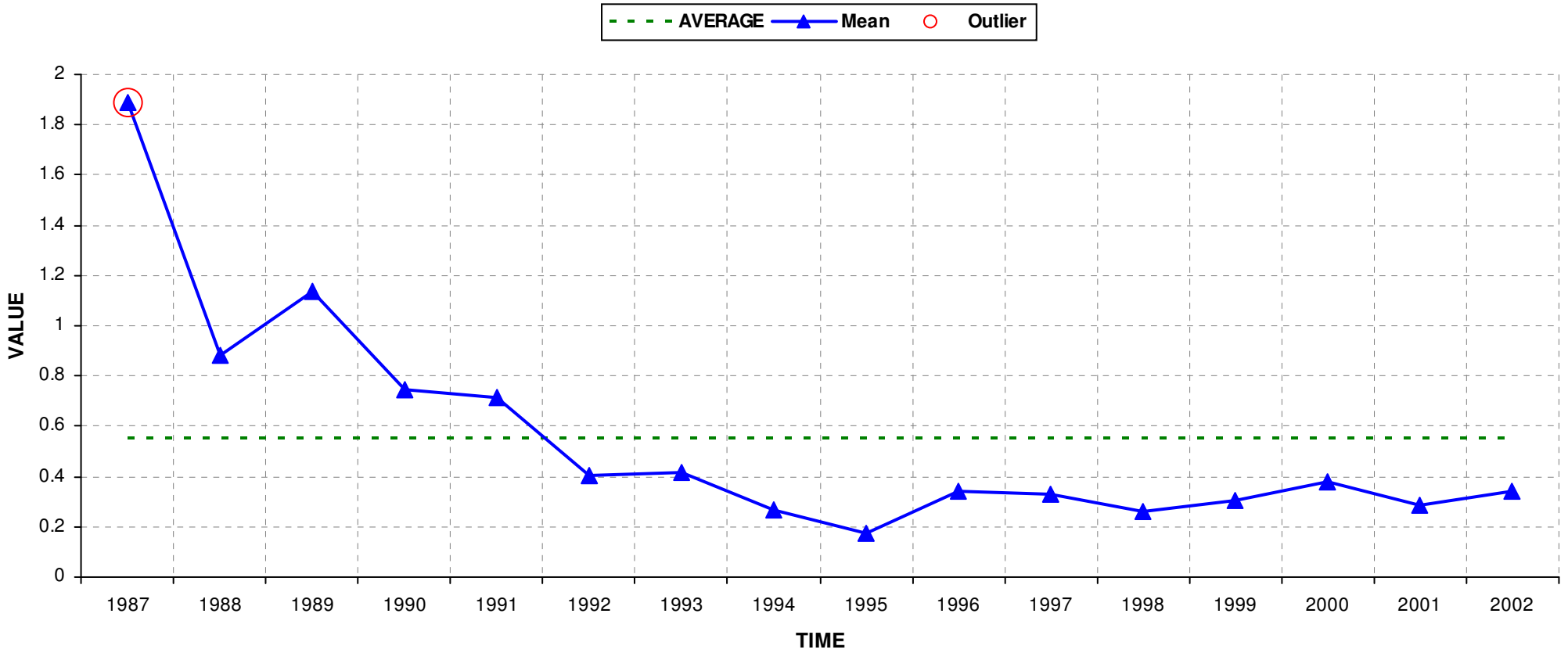


Determinand:
Total Inorganic Nitrogen

WaterbaseID:
HU_LK_04FF41

AggregationPeriod:
Summer

Outlier values ([Year, Unit]: Mean):
[1987, mg/l N]: 1.888333

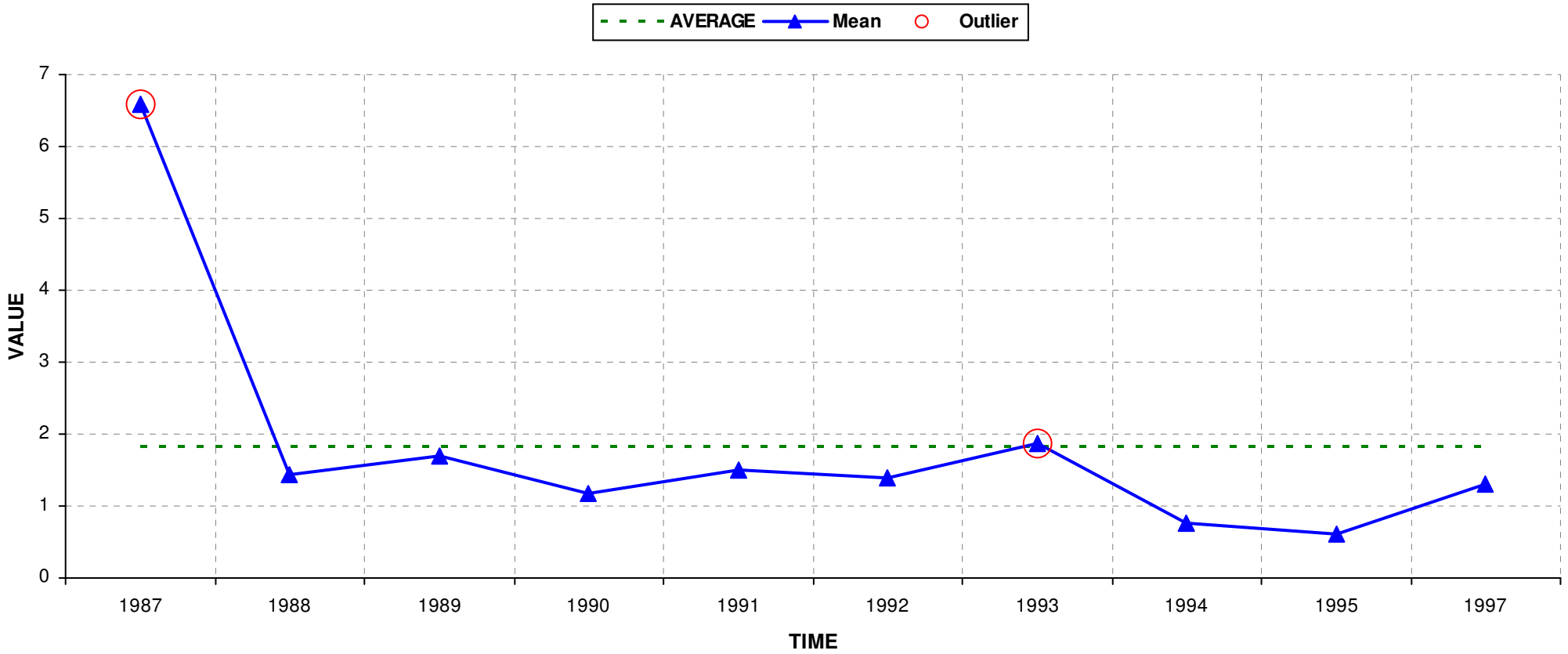


Determinand:
Total Inorganic Nitrogen

WaterbaseID:
HU_LK_04FF41

AggregationPeriod:
Winter

Outlier values ([Year, Unit]: Mean):
[1987, mg/l N]: 6.585; [1993, mg/l N]: 1.861667

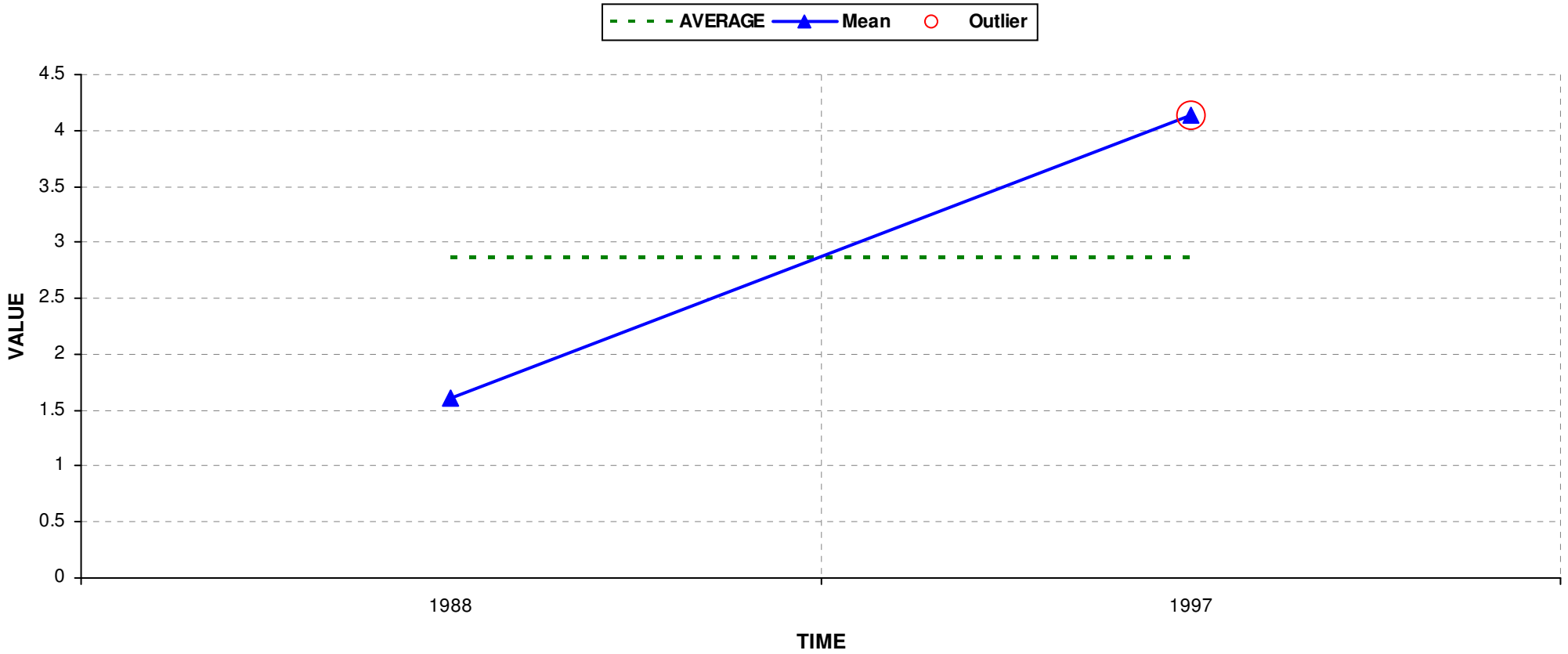


Determinand:
Total Inorganic Nitrogen

WaterbaseID:
HU_LK_04FV11

AggregationPeriod:
Winter

Outlier values ([Year, Unit]: Mean):
[1997, mg/l N]: 4.13

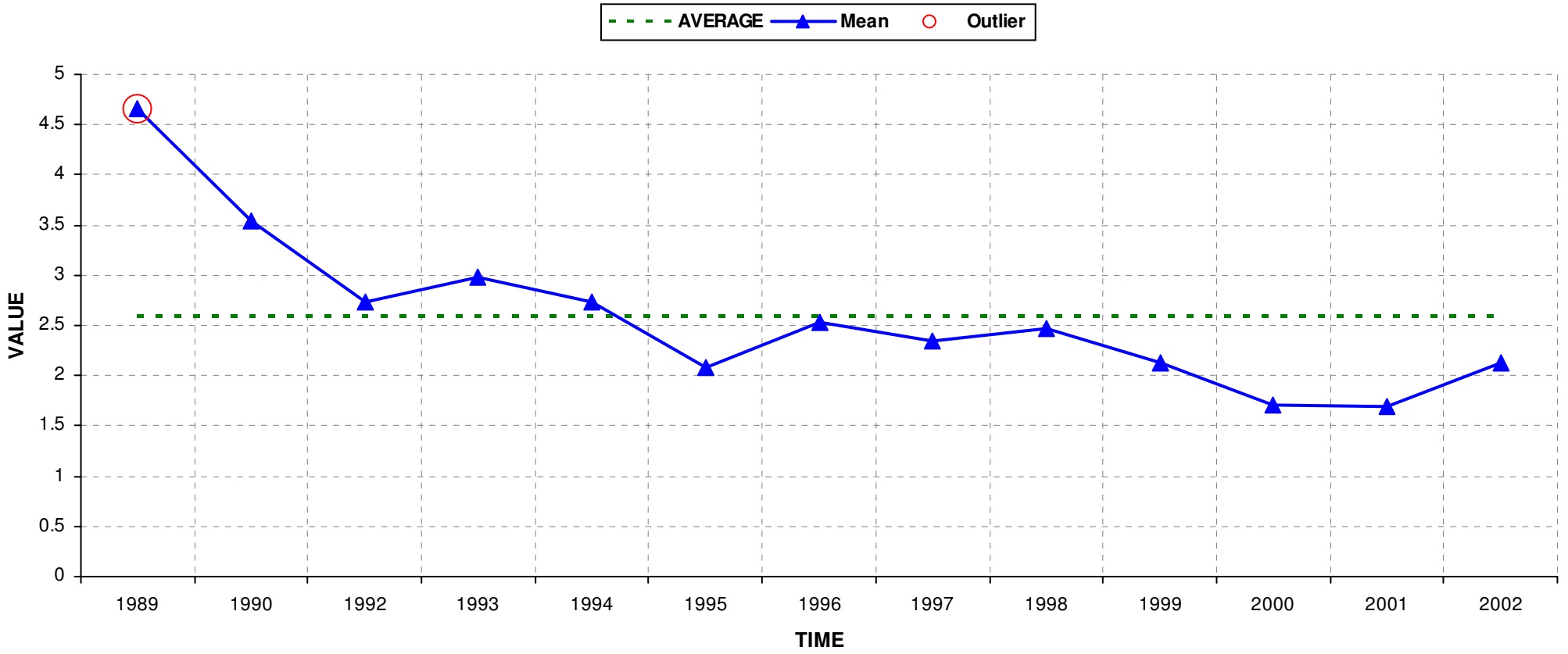


Determinand:
Total Nitrogen

WaterbaseID:
HU_LK_04FF41

AggregationPeriod:
Annual

Outlier values ([Year, Unit]: Mean):
[1989, mg/l N]: 4.655

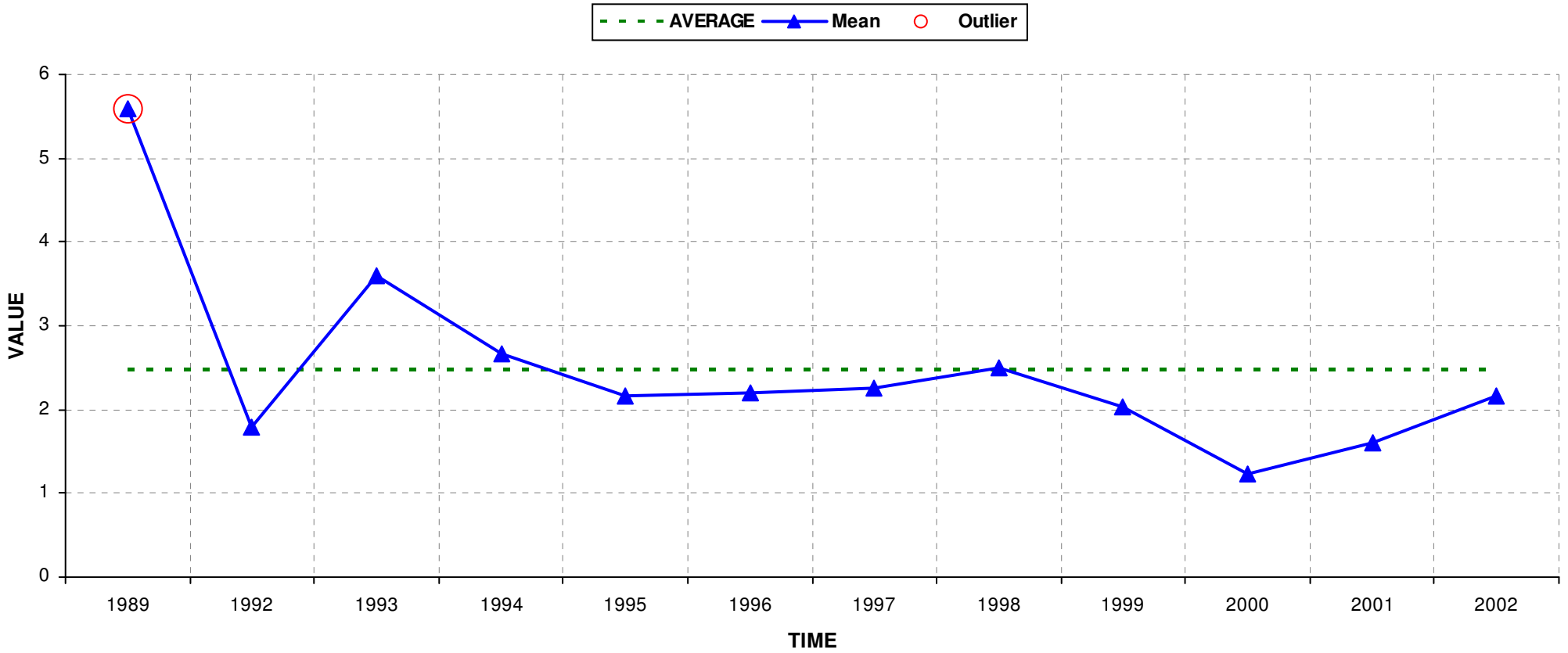


Determinand:
Total Nitrogen

WaterbaseID:
HU_LK_04FF41

AggregationPeriod:
Summer

Outlier values ([Year, Unit]: Mean):
[1989, mg/l N]: 5.59

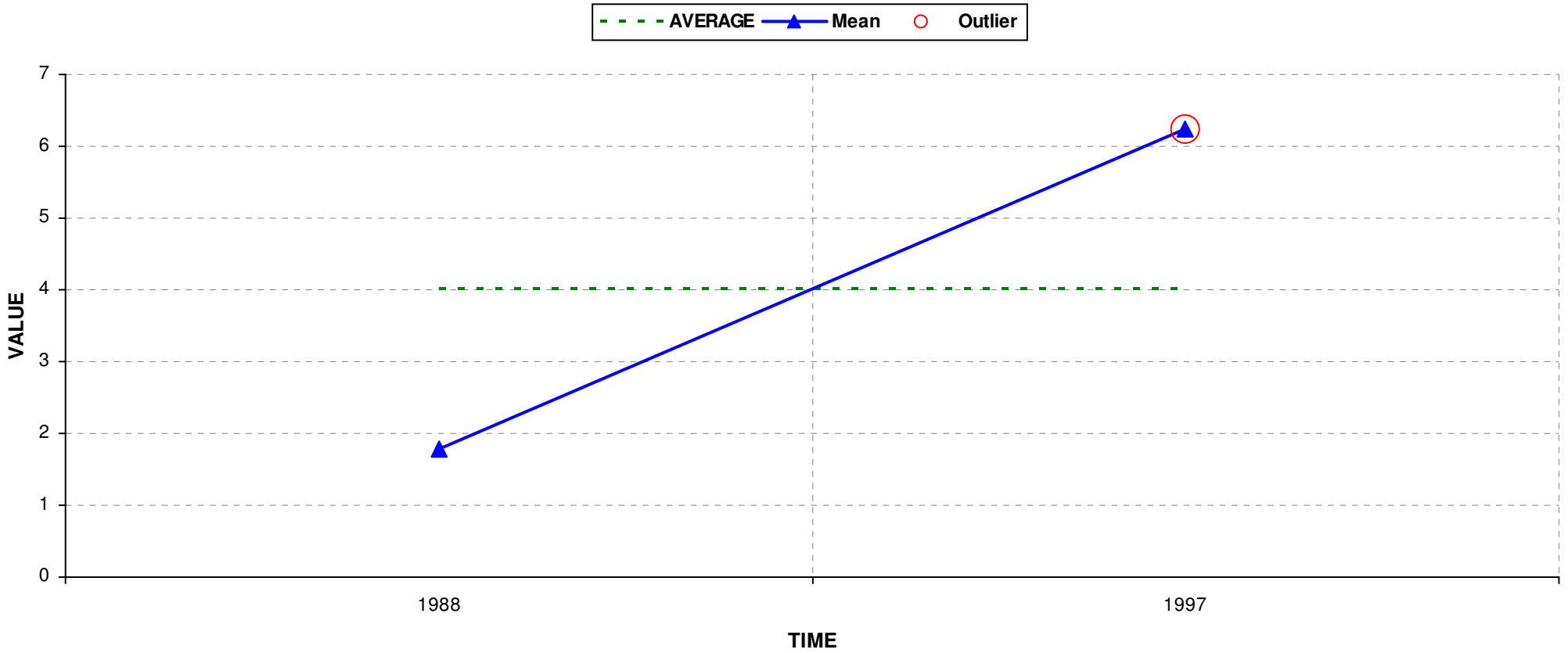


Determinand:
Total Nitrogen

WaterbaseID:
HU_LK_04FV11

AggregationPeriod:
Winter

Outlier values ([Year, Unit]: Mean):
[1997, mg/l N]: 6.25



Determinand:
Total Oxidised Nitrogen

WaterbaseID:
HU_LK_04FF41

AggregationPeriod:
Winter

Outlier values ([Year, Unit]: Mean):
[1987, mg/l N]: 6.58625