

WISE SoE data request 2007 - Step 3

EIONET-Water: Rivers

Spain

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_Nutrients:

BOD5

WebID:

ES_RV_ES04224

WaterbaseID:

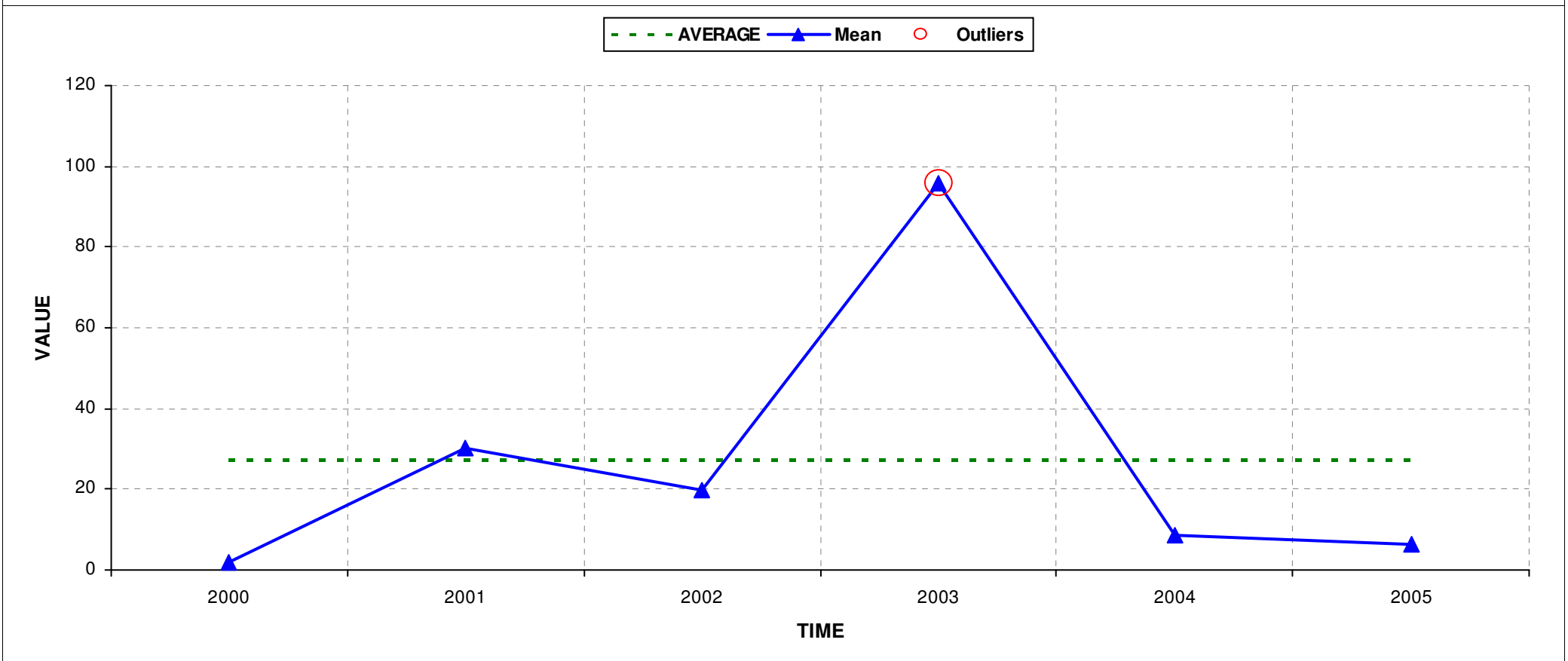
1848

AggregationPeriod:

Annual

Outliers values ([Year, Unit_Nutrients]: Mean):

[2003, mg/l O2]: 95.75



Determinand_Nutrients:

BOD5

WebID:

ES_RV_ES05757

WaterbaseID:

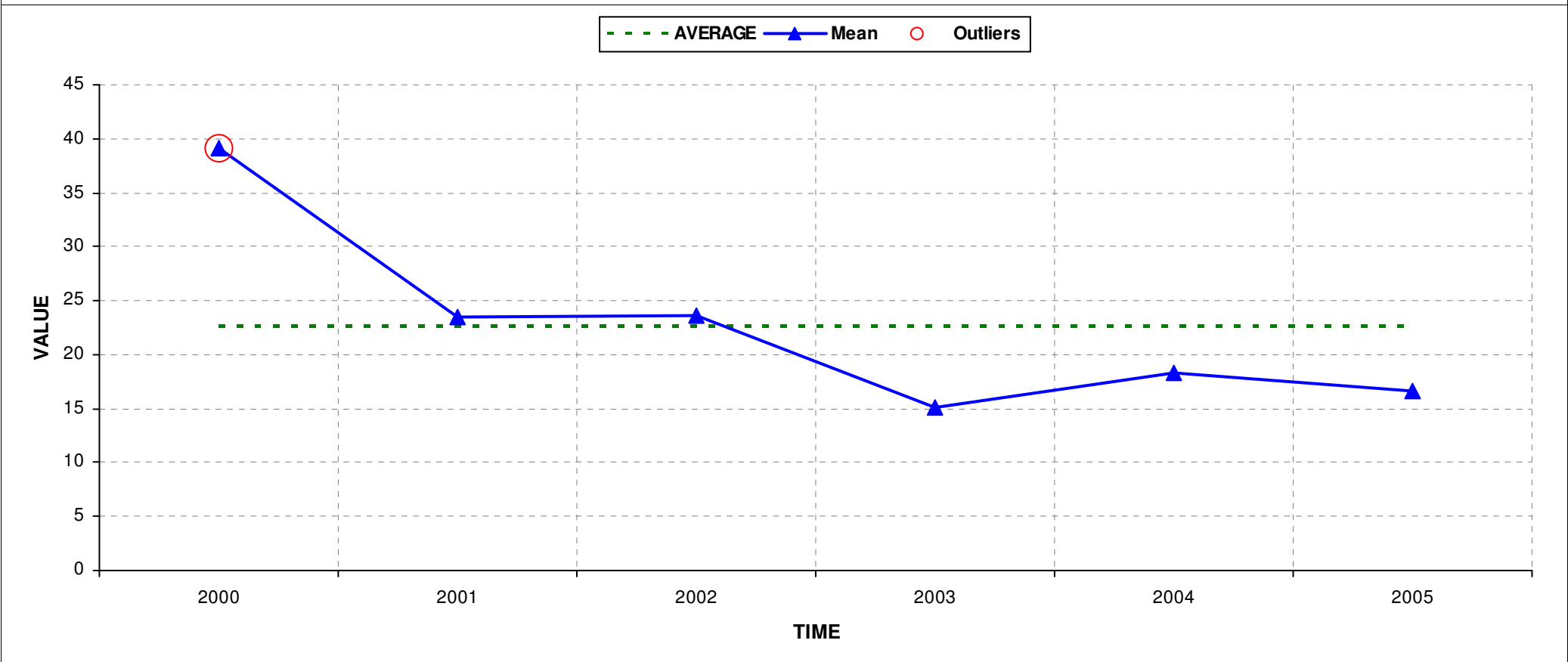
1898

AggregationPeriod:

Annual

Outliers values ([Year, Unit_Nutrients]: Mean):

[2000, mg/l O2]: 39.065



Determinand_Nutrients:

BOD5

WebID:

ES_RV_ES07903

WaterbaseID:

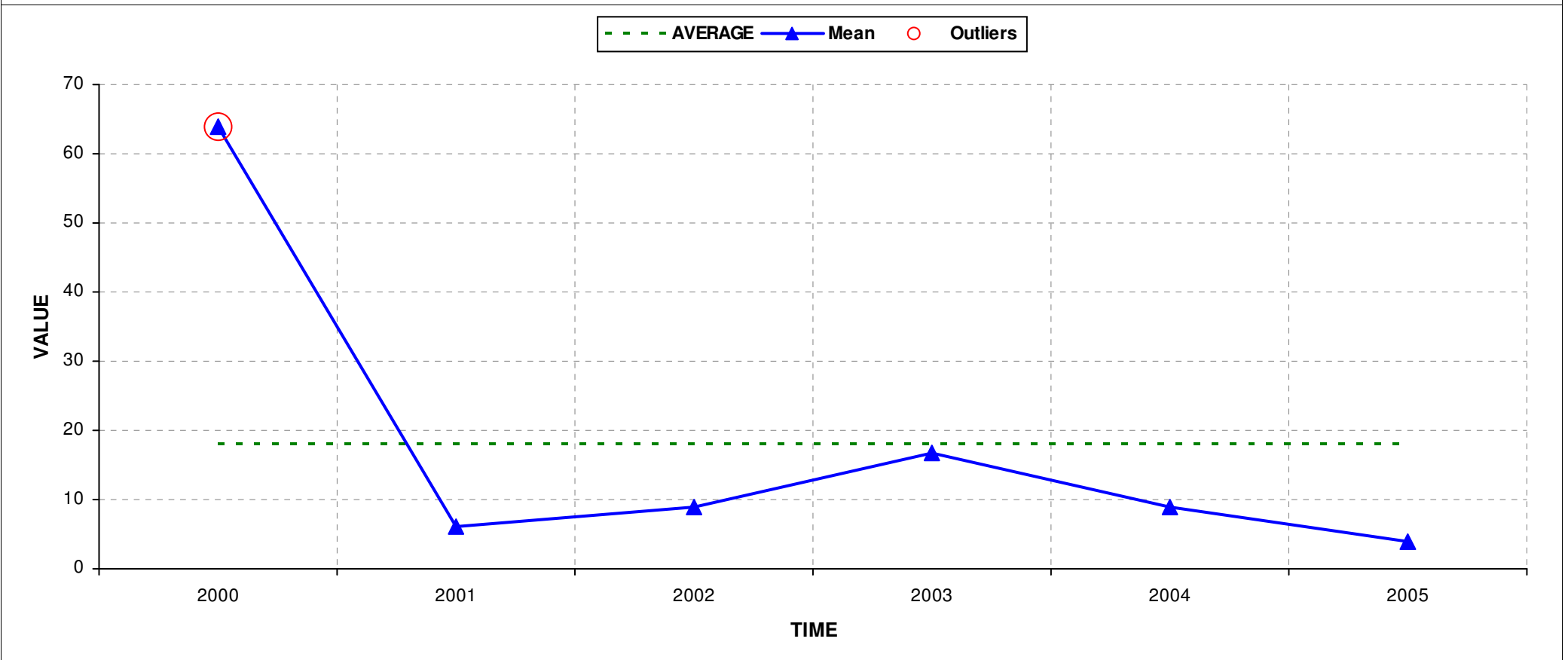
1921

AggregationPeriod:

Annual

Outliers values ([Year, Unit_Nutrients]: Mean):

[2000, mg/l O2]: 64



Determinand_Nutrients:

BOD5

WebID:

ES_RV_ES10046

WaterbaselD:

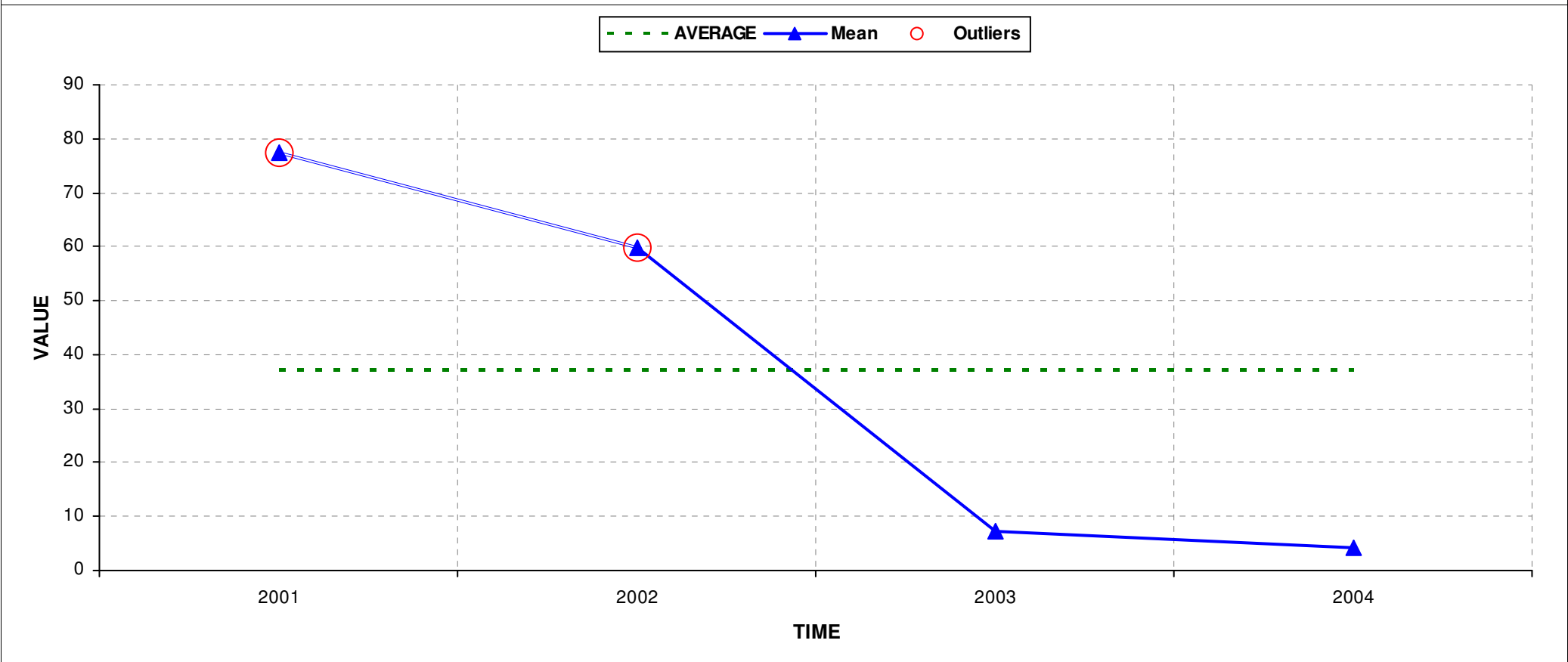
2096

AggregationPeriod:

Annual

Outliers values ([Year, Unit_Nutrients]: Mean):

[2001, mg/l O2]: 77.3333; [2002, mg/l O2]: 59.7272



Determinand_Nutrients:

BOD5

WebID:

ES_RV_ES10050

WaterbaselD:

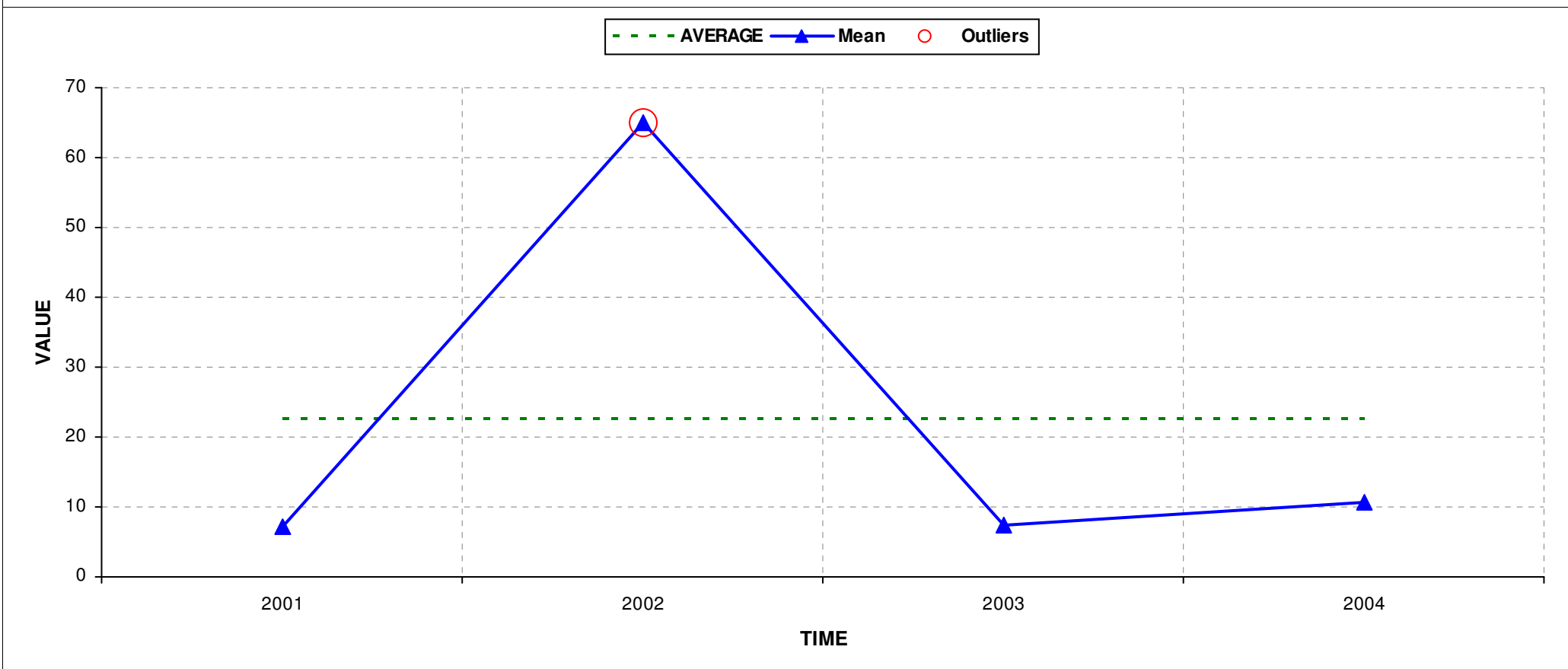
2099

AggregationPeriod:

Annual

Outliers values ([Year, Unit_Nutrients]: Mean):

[2002, mg/l O2]: 65.0909



Determinand_Nutrients:

COD

WebID:

ES_RV_ES05100

WaterbaselD:

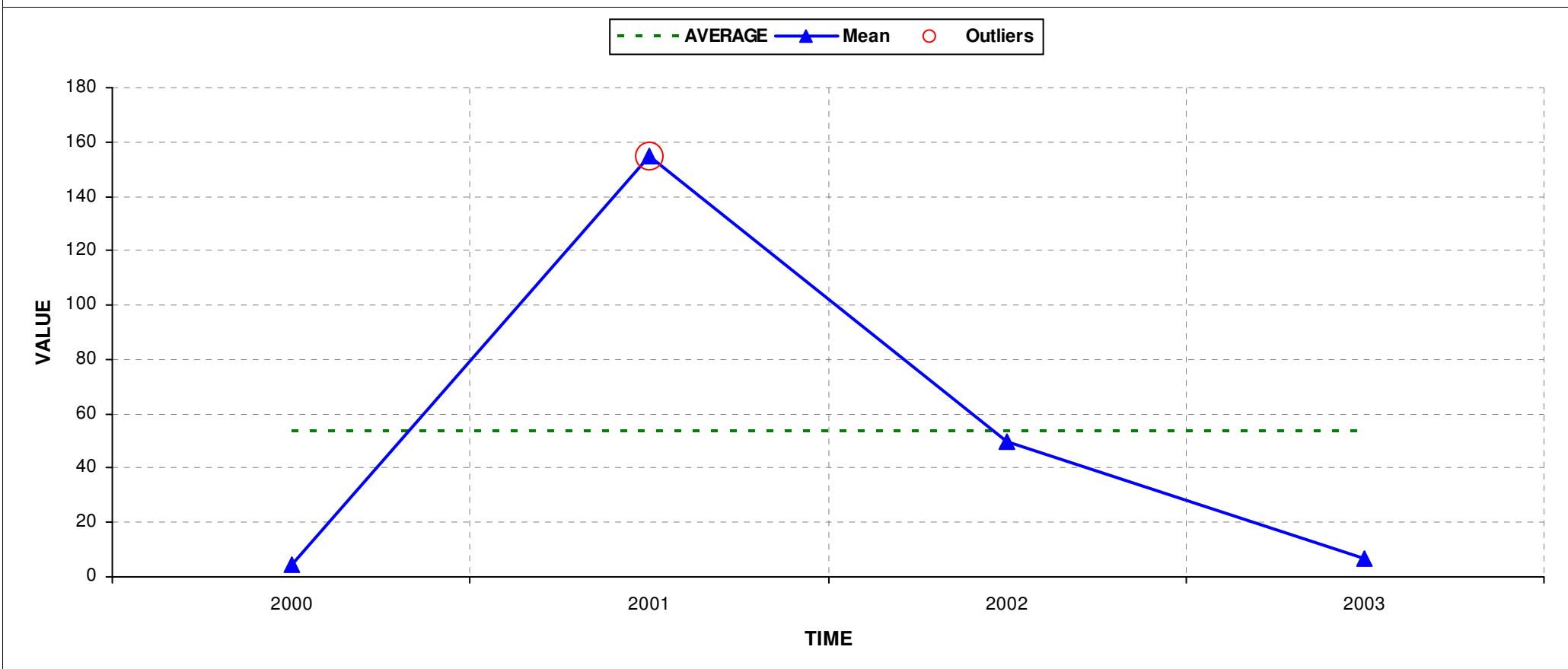
1888

AggregationPeriod:

Annual

Outliers values ([Year, Unit_Nutrients]: Mean):

[2001, mg/l O2]: 154.767



Determinand_Nutrients:

CODCr

WebID:

ES_RV_ES03176

WaterbaseID:

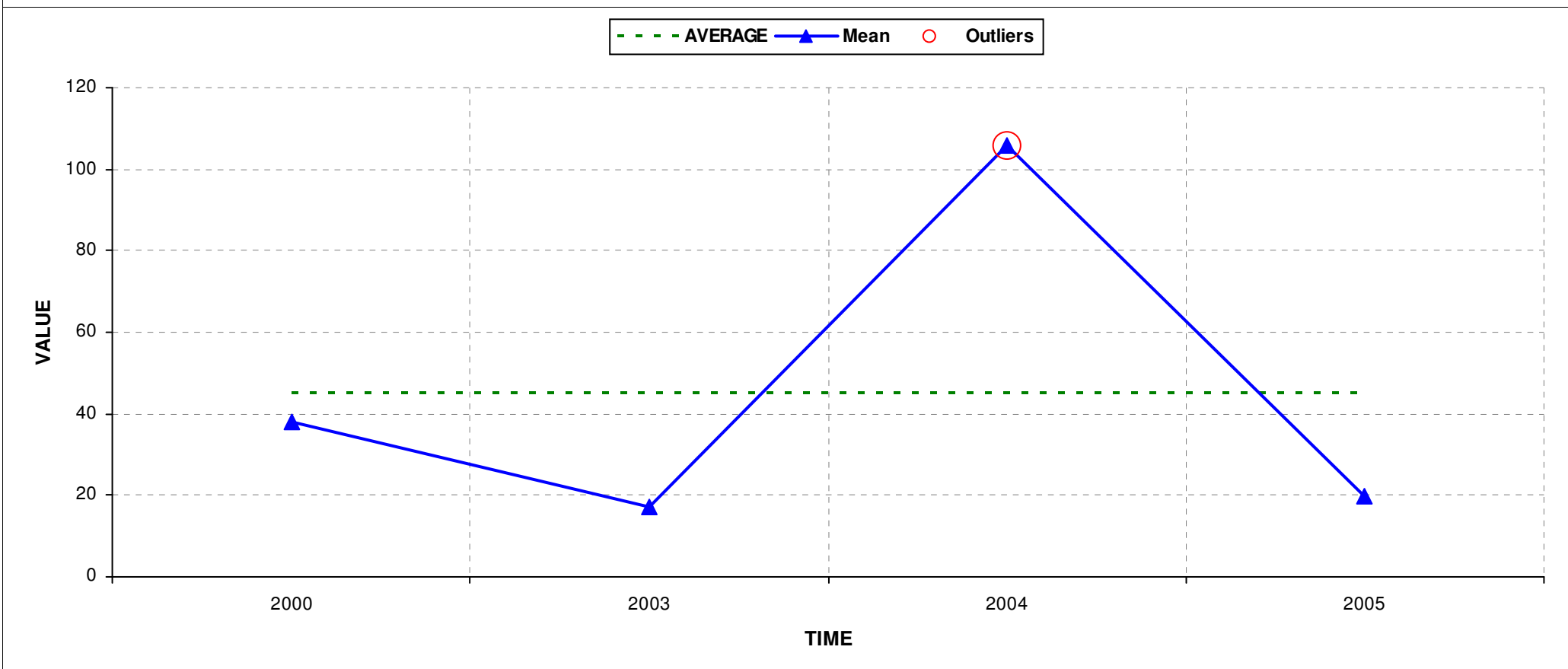
1797

AggregationPeriod:

Annual

Outliers values ([Year, Unit_Nutrients]: Mean):

[2004, mg/l O2]: 105.75



Determinand_Nutrients:

CODCr

WebID:

ES_RV_ES09004

WaterbaselD:

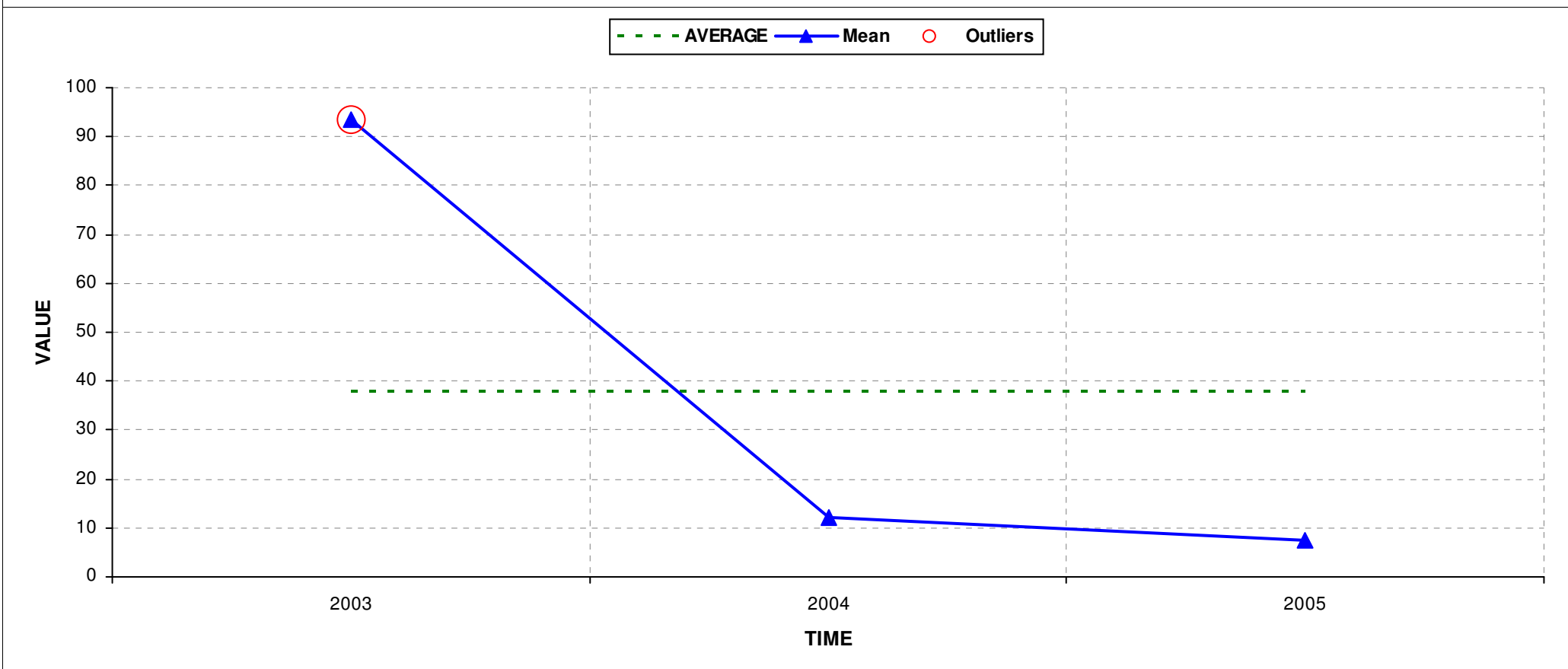
1987

AggregationPeriod:

Annual

Outliers values ([Year, Unit_Nutrients]: Mean):

[2003, mg/l O2]: 93.5



Determinand_Nutrients:

CODCr

WebID:

ES_RV_ES09038

WaterbaseID:

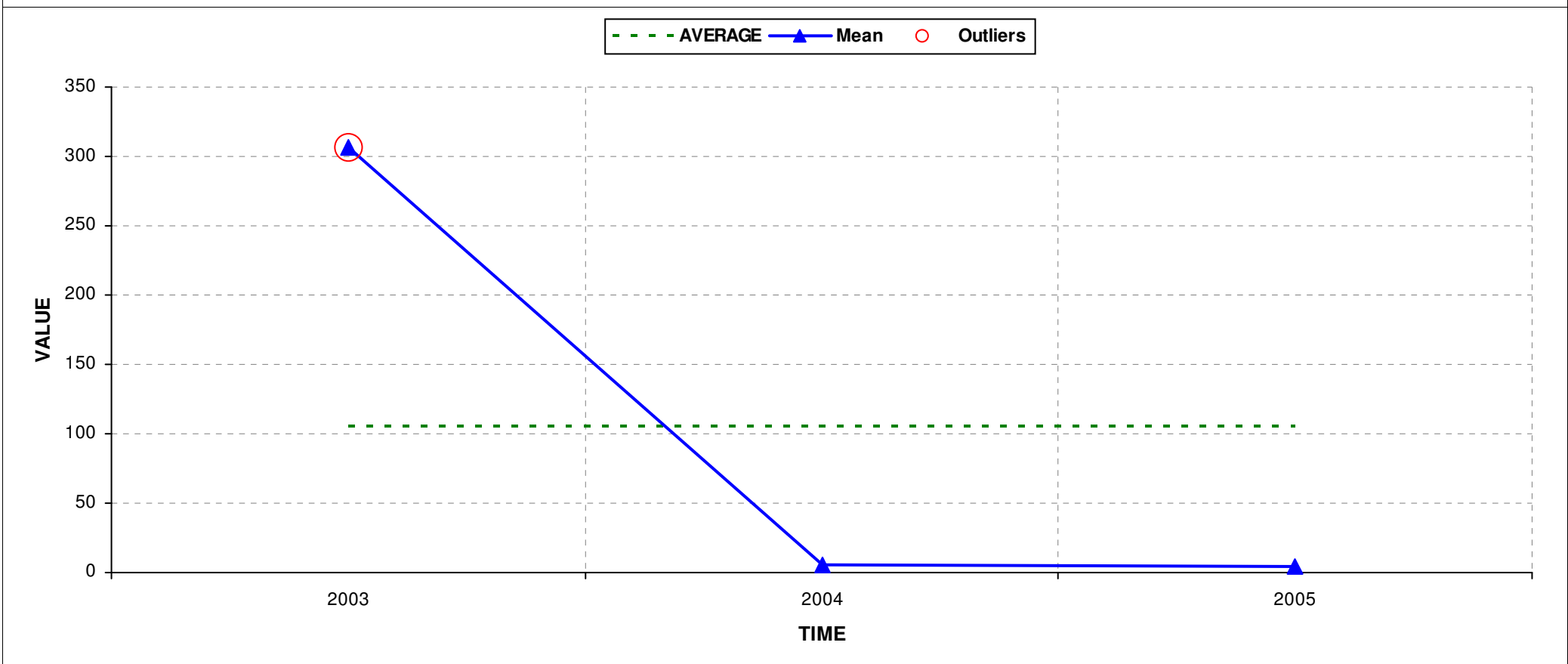
2004

AggregationPeriod:

Annual

Outliers values ([Year, Unit_Nutrients]: Mean):

[2003, mg/l O2]: 306



Determinand_Nutrients:

CODCr

WebID:

ES_RV_ES09050

WaterbaseID:

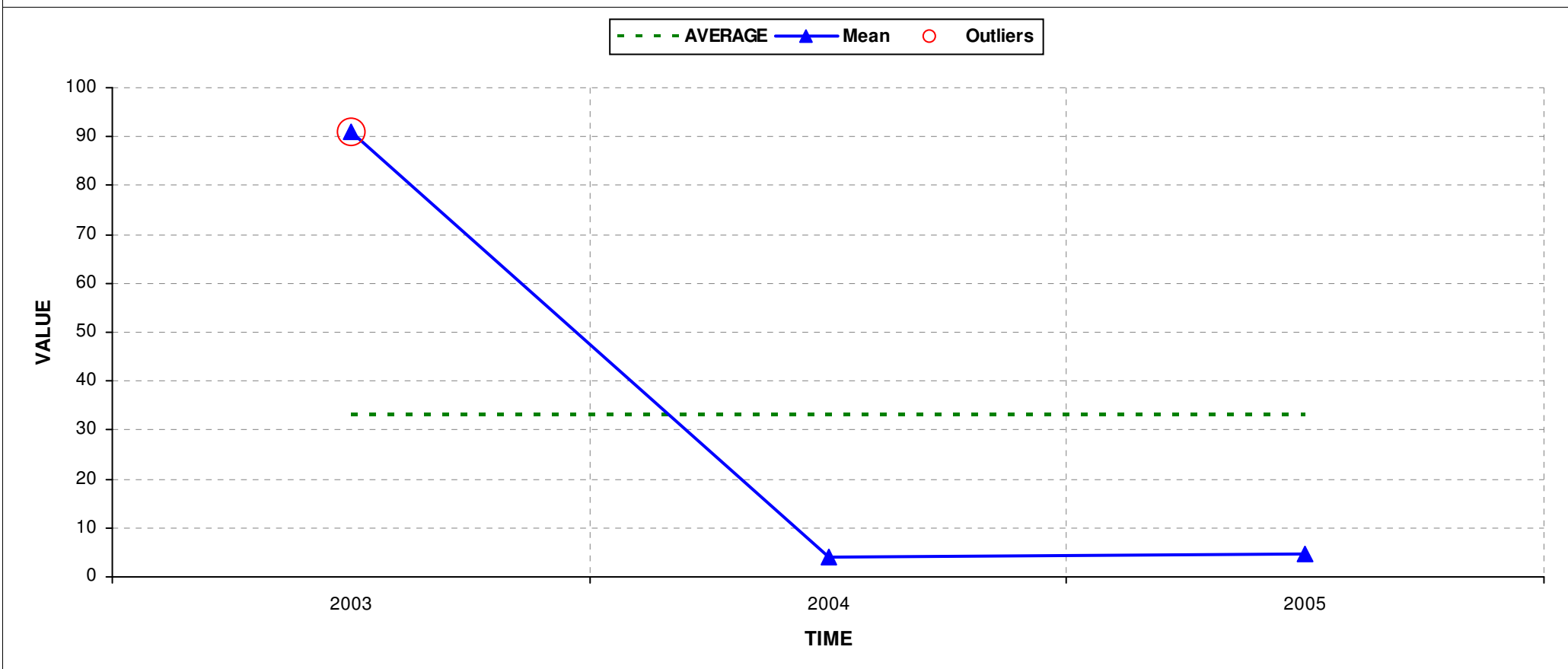
2006

AggregationPeriod:

Annual

Outliers values ([Year, Unit_Nutrients]: Mean):

[2003, mg/l O2]: 90.9



Determinand_Nutrients:

CODCr

WebID:

ES_RV_ES09126

WaterbaseID:

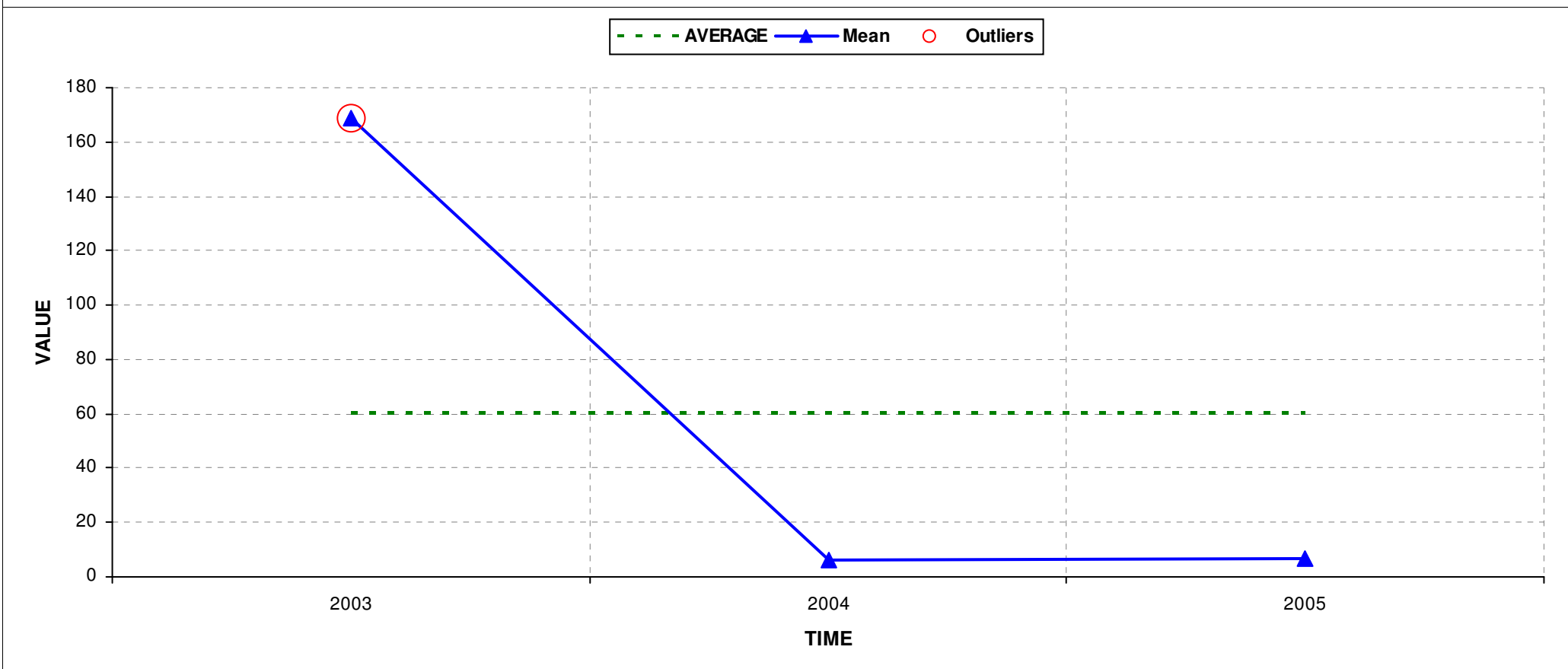
2026

AggregationPeriod:

Annual

Outliers values ([Year, Unit_Nutrients]: Mean):

[2003, mg/l O2]: 169



Determinand_Nutrients:

Dissolved Oxygen

WebID:

ES_RV_ES04104

WaterbaselD:

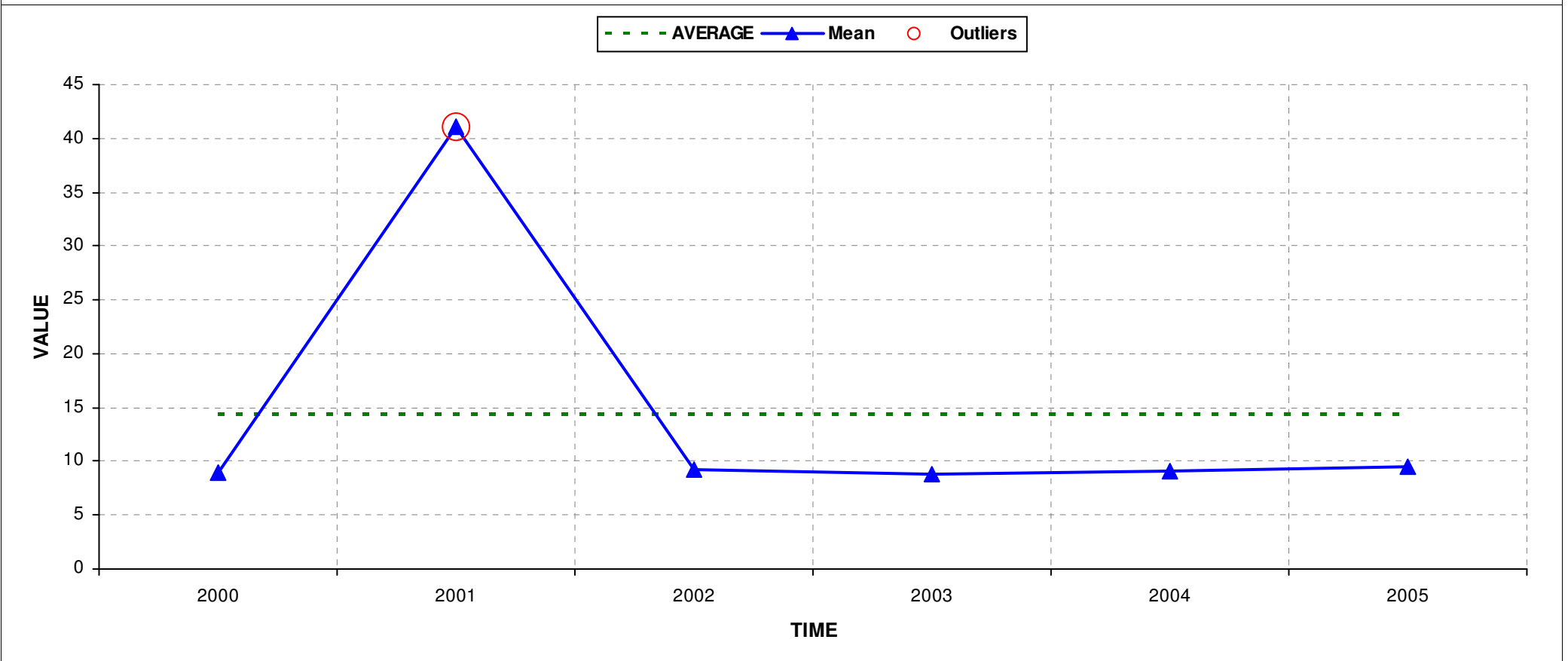
1824

AggregationPeriod:

Annual

Outliers values ([Year, Unit_Nutrients]: Mean):

[2001, mg/l O2]: 41.0182



Determinand_Nutrients:

Dissolved Oxygen

WebID:

ES_RV_ES05002

WaterbaselD:

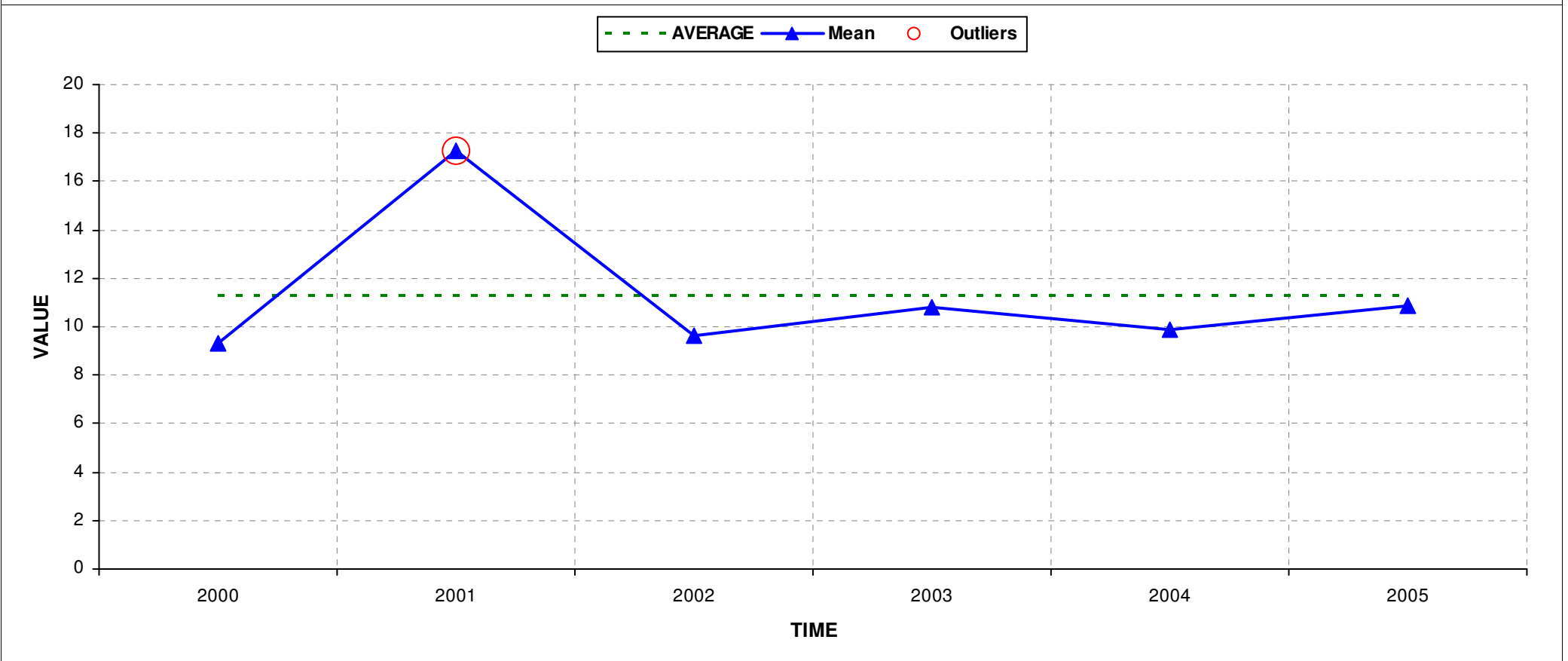
1865

AggregationPeriod:

Annual

Outliers values ([Year, Unit_Nutrients]: Mean):

[2001, mg/l O2]: 17.2658



Determinand_Nutrients:

Dissolved Oxygen

WebID:

ES_RV_ES05047

WaterbaseID:

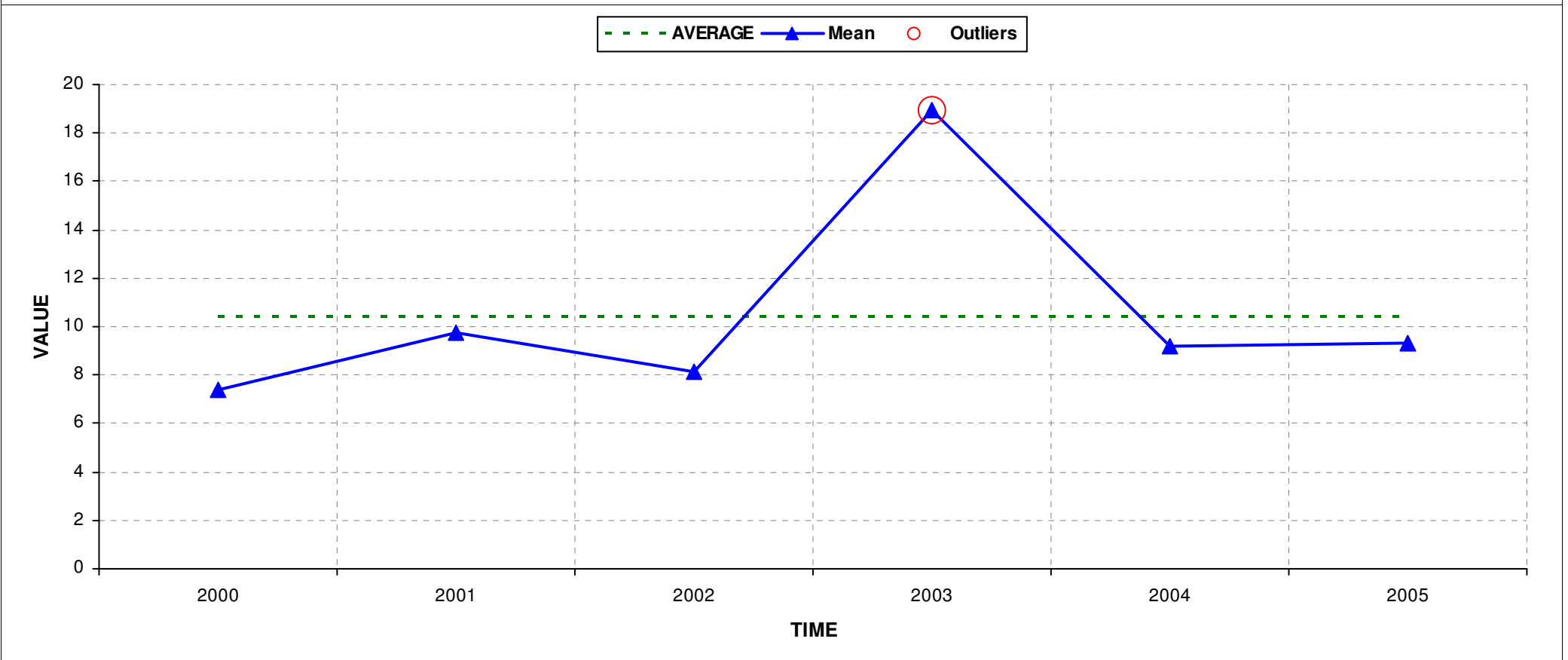
1874

AggregationPeriod:

Annual

Outliers values ([Year, Unit_Nutrients]: Mean):

[2003, mg/l O2]: 18.95



Determinand_Nutrients:

Dissolved Oxygen

WebID:

ES_RV_ES05089

WaterbaseID:

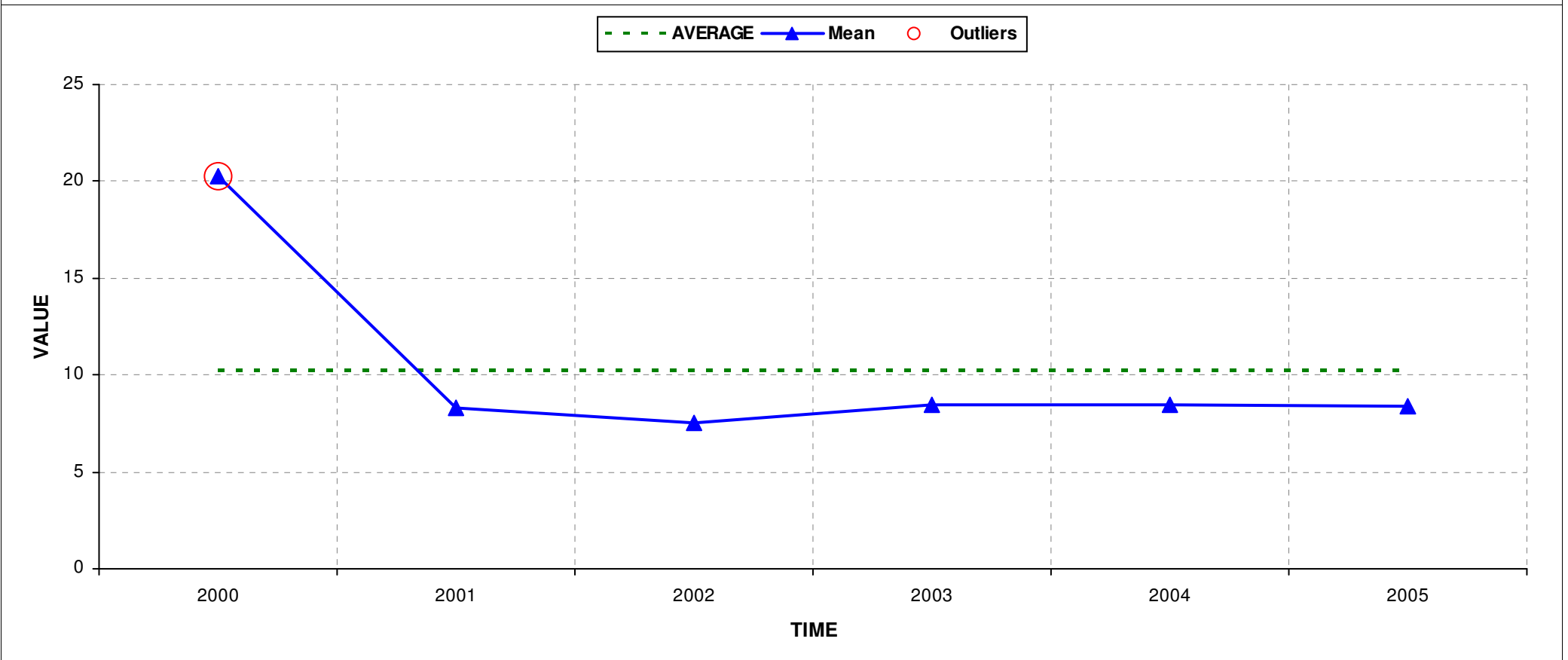
1886

AggregationPeriod:

Annual

Outliers values ([Year, Unit_Nutrients]: Mean):

[2000, mg/l O2]: 20.2382



Determinand_Nutrients:

Dissolved Oxygen

WebID:

ES_RV_ES05800

WaterbaseID:

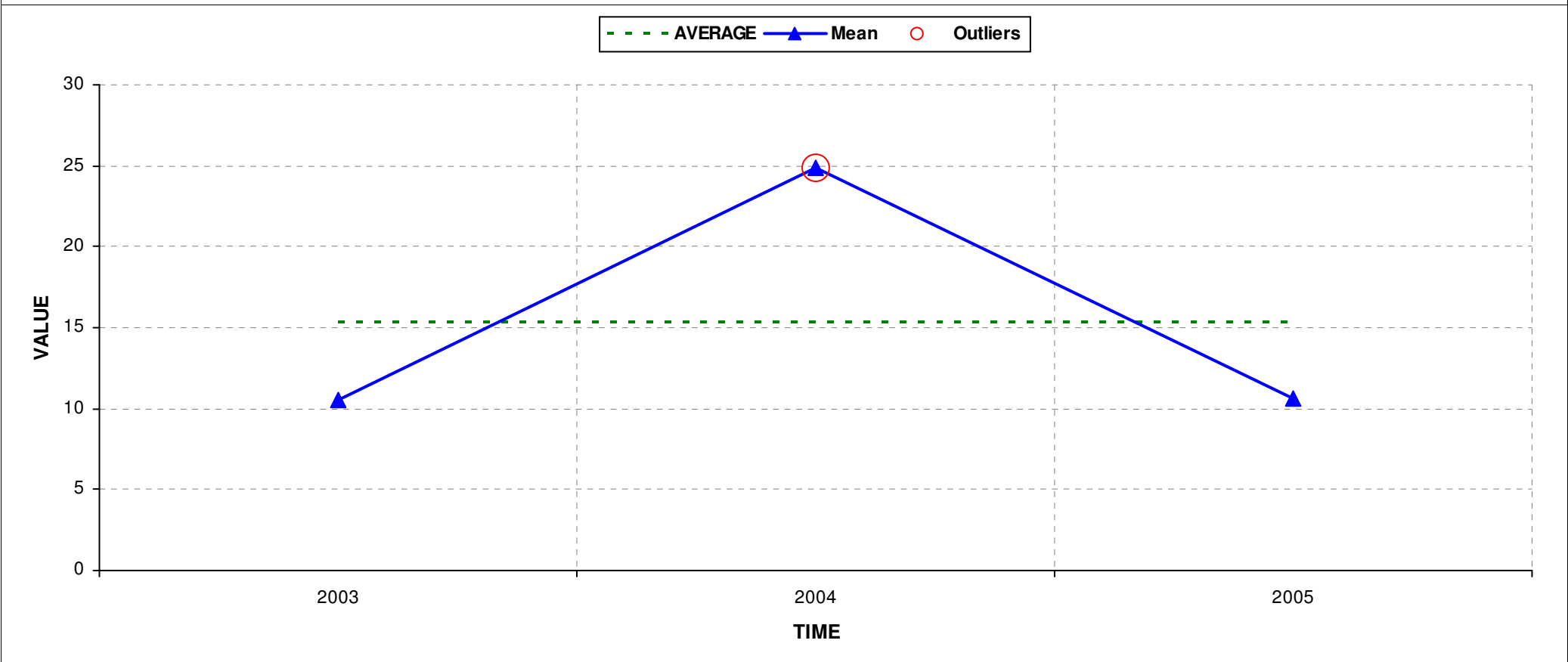
6933

AggregationPeriod:

Annual

Outliers values ([Year, Unit_Nutrients]: Mean):

[2004, mg/l O2]: 24.86



Determinand_Nutrients:

Oxygen Saturation

WebID:

ES_RV_ES05089

WaterbaseID:

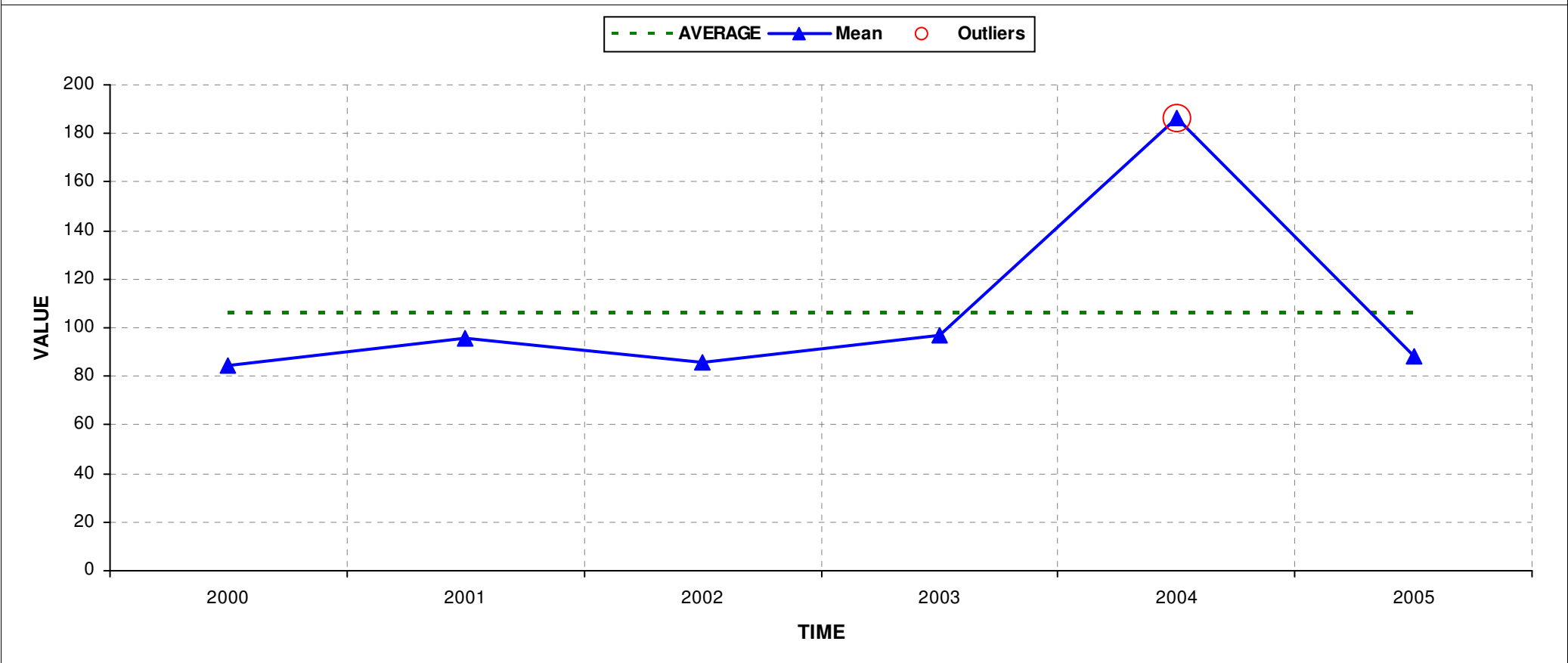
1886

AggregationPeriod:

Annual

Outliers values ([Year, Unit_Nutrients]: Mean):

[2004, %]: 186.358



Determinand_Nutrients:

Oxygen Saturation

WebID:

ES_RV_ES10074

WaterbaseID:

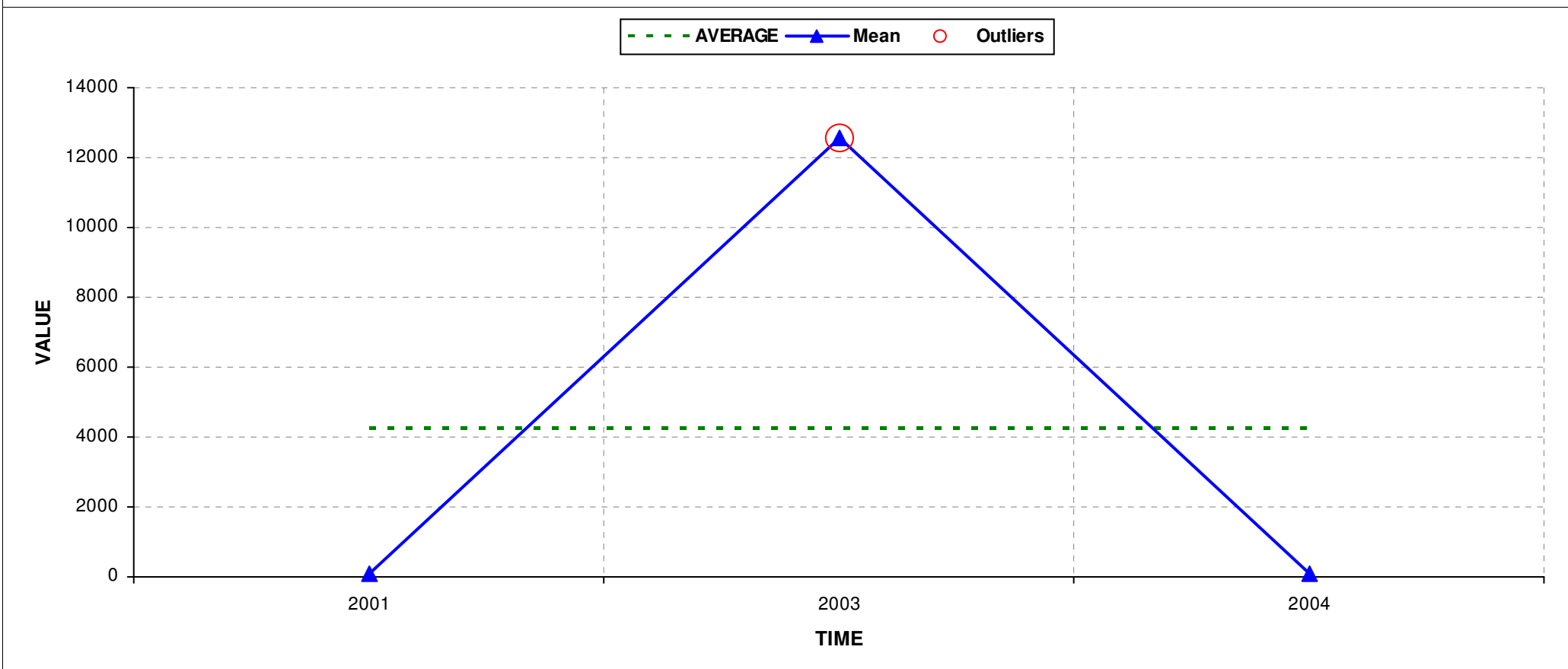
2113

AggregationPeriod:

Annual

Outliers values ([Year, Unit_Nutrients]: Mean):

[2003, %]: 12583.4



Determinand_Nutrients:

Total Ammonium

WebID:

ES_RV_ES03011

WaterbaseID:

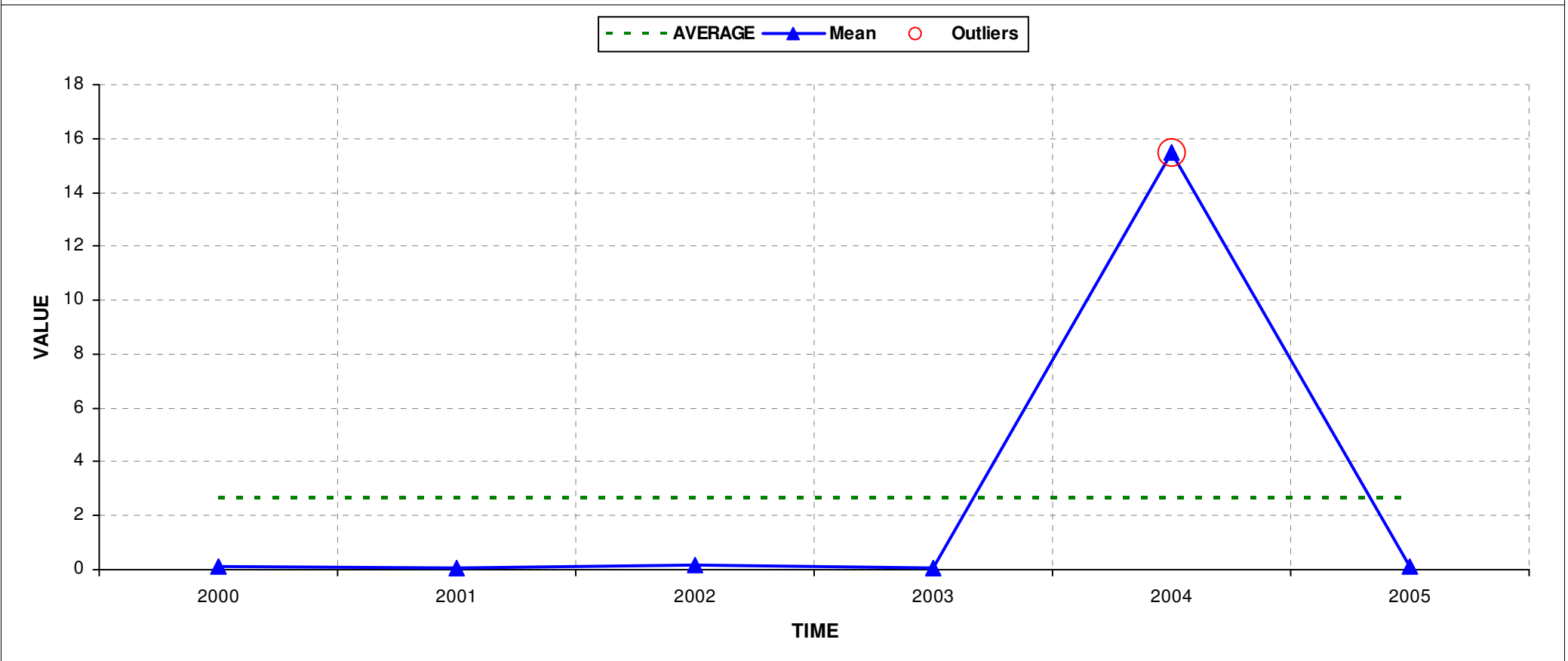
1771

AggregationPeriod:

Annual

Outliers values ([Year, Unit_Nutrients]: Mean):

[2004, mg/l N]: 15.5063



Determinand_Nutrients:

Total Ammonium

WebID:

ES_RV_ES03014

WaterbaseID:

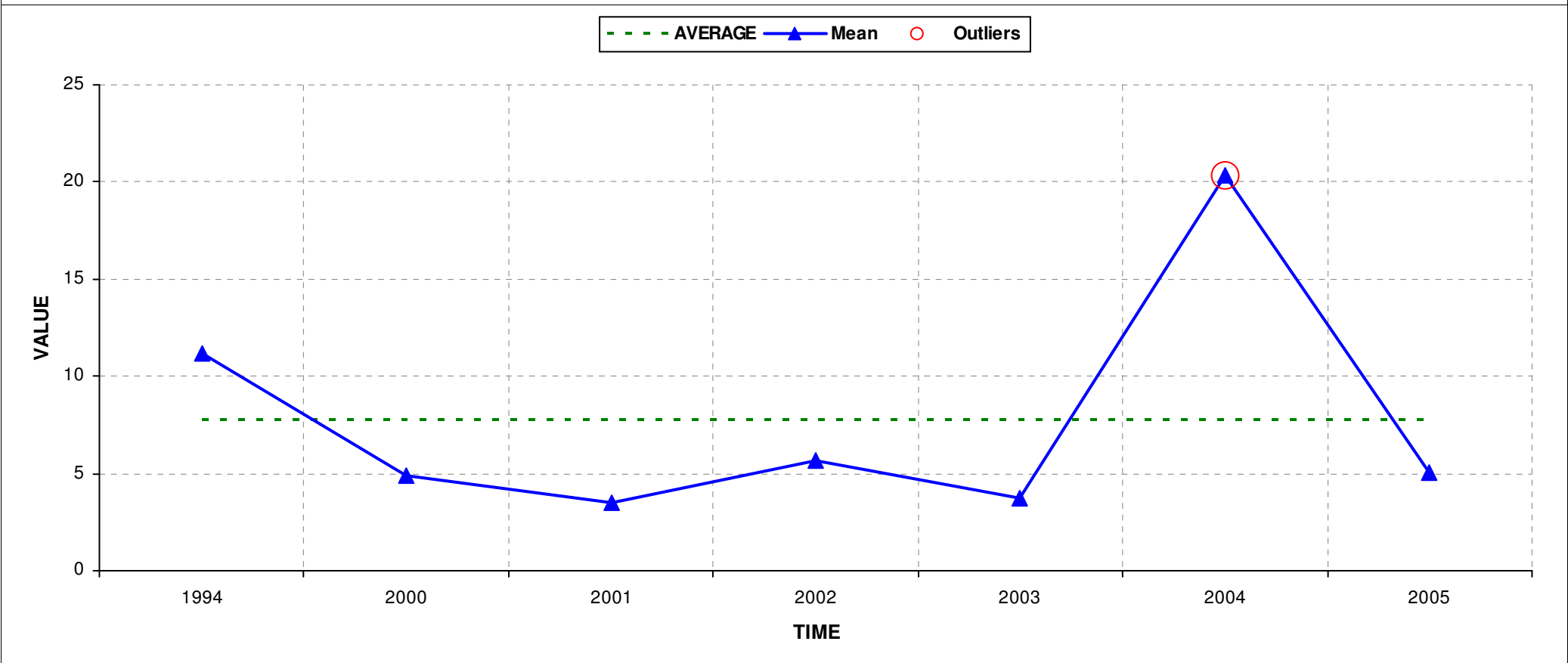
1772

AggregationPeriod:

Annual

Outliers values ([Year, Unit_Nutrients]: Mean):

[2004, mg/l N]: 20.3288



Determinand_Nutrients:

Total Ammonium

WebID:

ES_RV_ES03015

WaterbaseID:

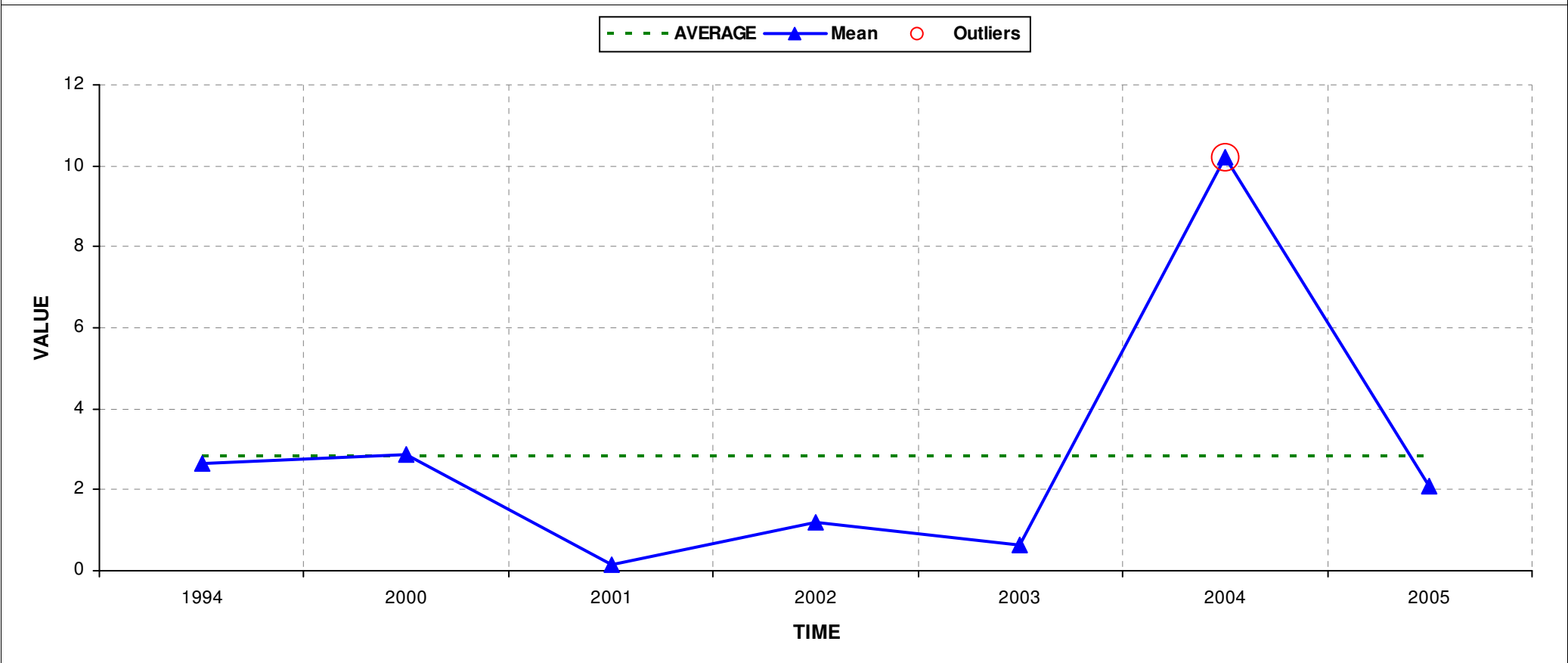
1773

AggregationPeriod:

Annual

Outliers values ([Year, Unit_Nutrients]: Mean):

[2004, mg/l N]: 10.2102



Determinand_Nutrients:

Total Ammonium

WebID:

ES_RV_ES03019

WaterbaseID:

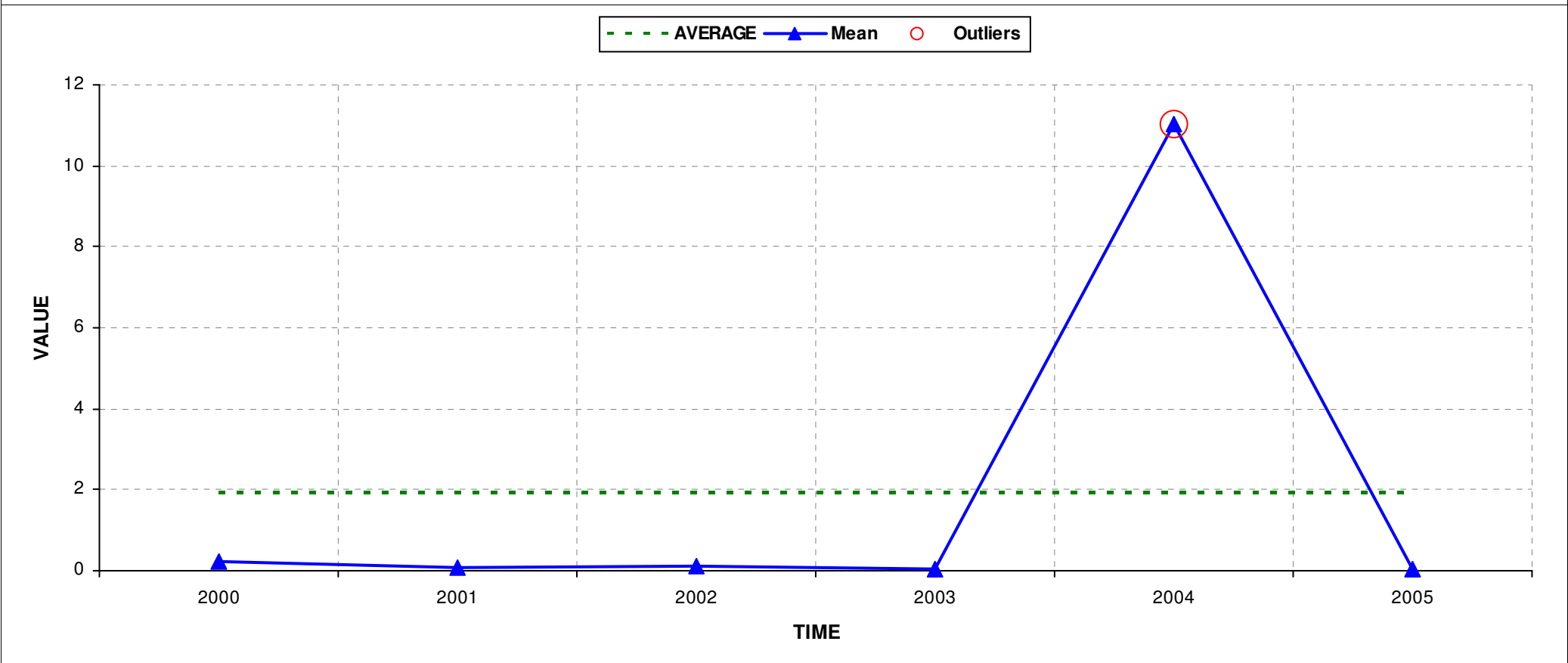
1774

AggregationPeriod:

Annual

Outliers values ([Year, Unit_Nutrients]: Mean):

[2004, mg/l N]: 11.0441



Determinand_Nutrients:

Total Ammonium

WebID:

ES_RV_ES03051

WaterbaseID:

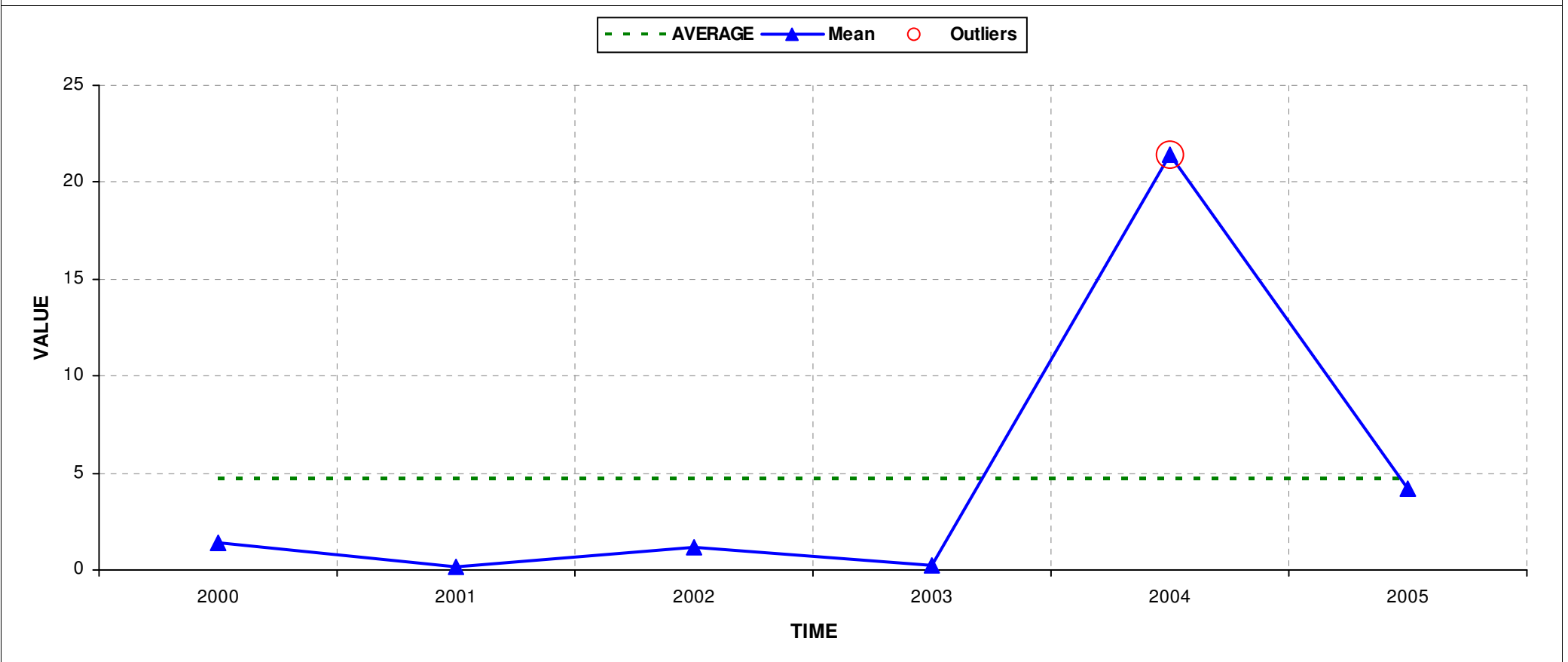
1775

AggregationPeriod:

Annual

Outliers values ([Year, Unit_Nutrients]: Mean):

[2004, mg/l N]: 21.45



Determinand_Nutrients:

Total Ammonium

WebID:

ES_RV_ES03062

WaterbaseID:

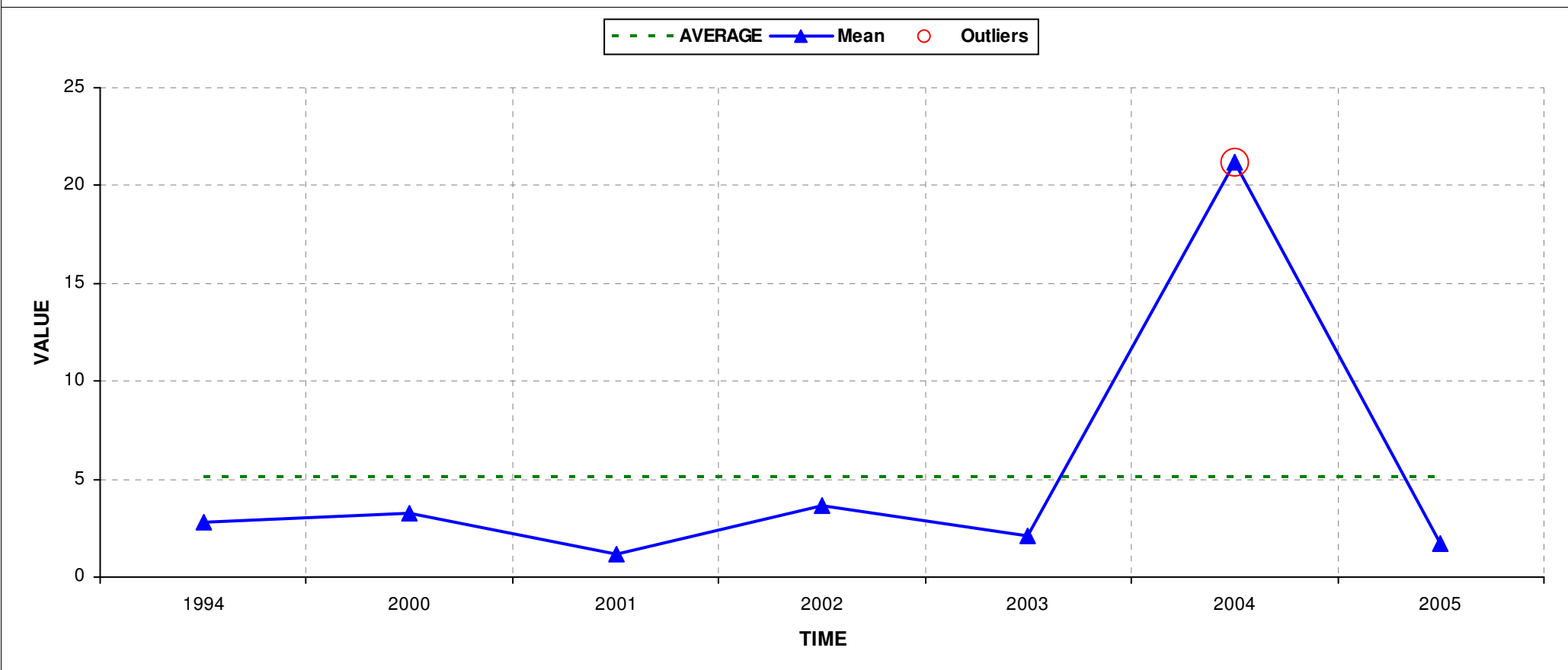
1779

AggregationPeriod:

Annual

Outliers values ([Year, Unit_Nutrients]: Mean):

[2004, mg/l N]: 21.1737



Determinand_Nutrients:

Total Ammonium

WebID:

ES_RV_ES03069

WaterbaseID:

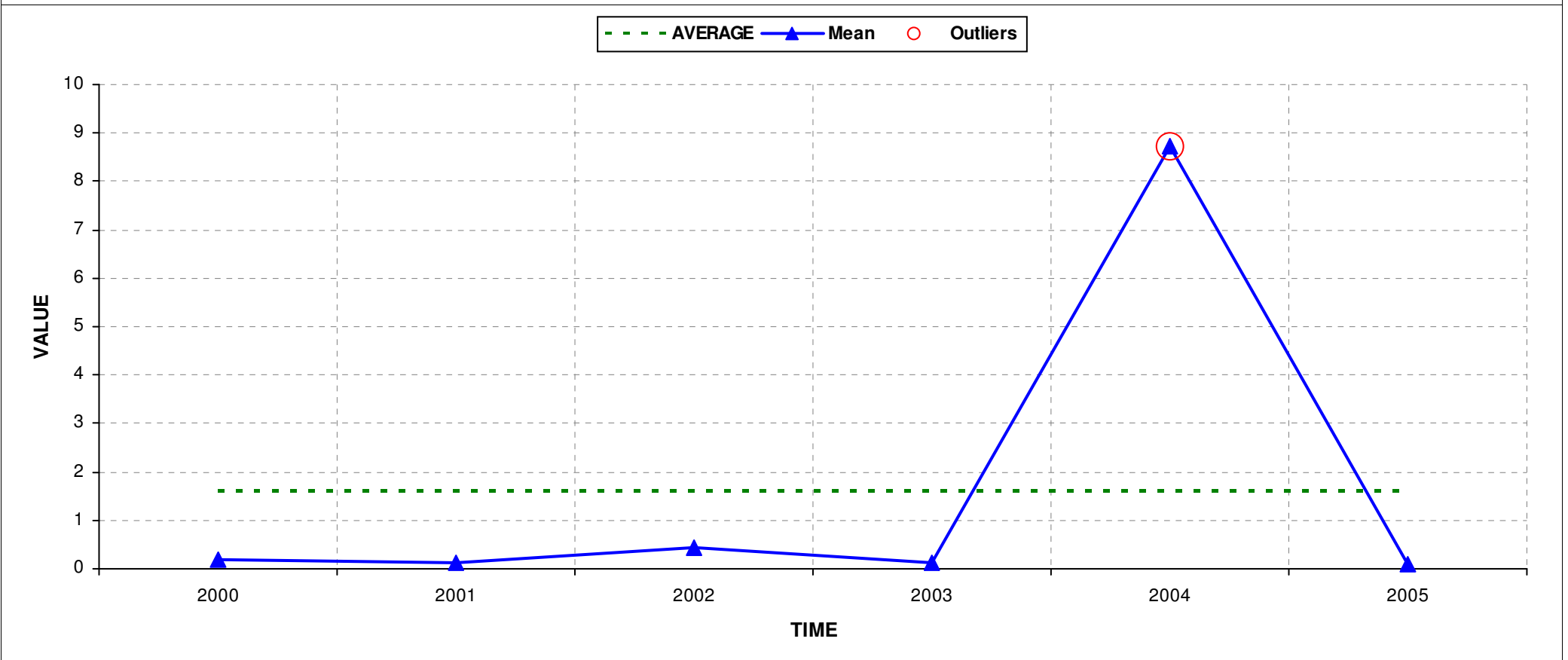
1781

AggregationPeriod:

Annual

Outliers values ([Year, Unit_Nutrients]: Mean):

[2004, mg/l N]: 8.72391



Determinand_Nutrients:

Total Ammonium

WebID:

ES_RV_ES03070

WaterbaseID:

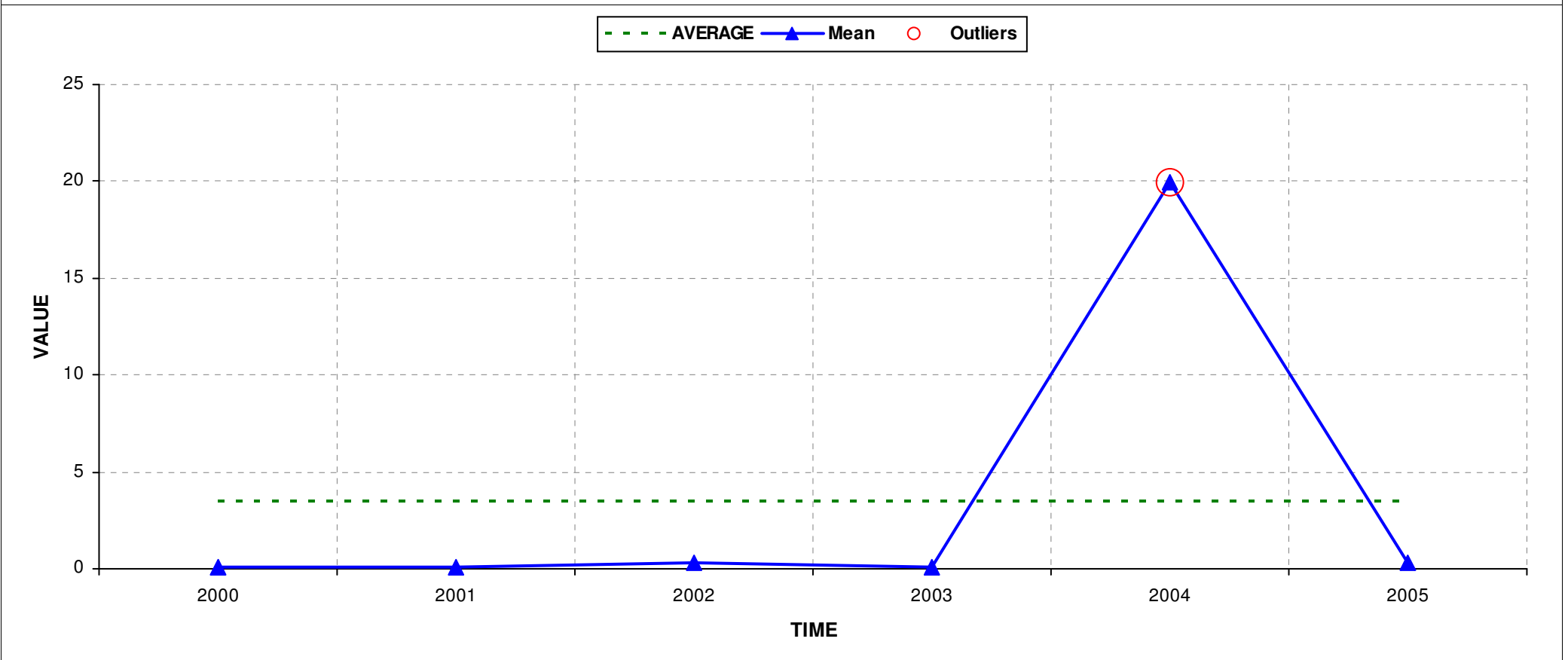
1782

AggregationPeriod:

Annual

Outliers values ([Year, Unit_Nutrients]: Mean):

[2004, mg/l N]: 19.9543



Determinand_Nutrients:

Total Ammonium

WebID:

ES_RV_ES03100

WaterbaseID:

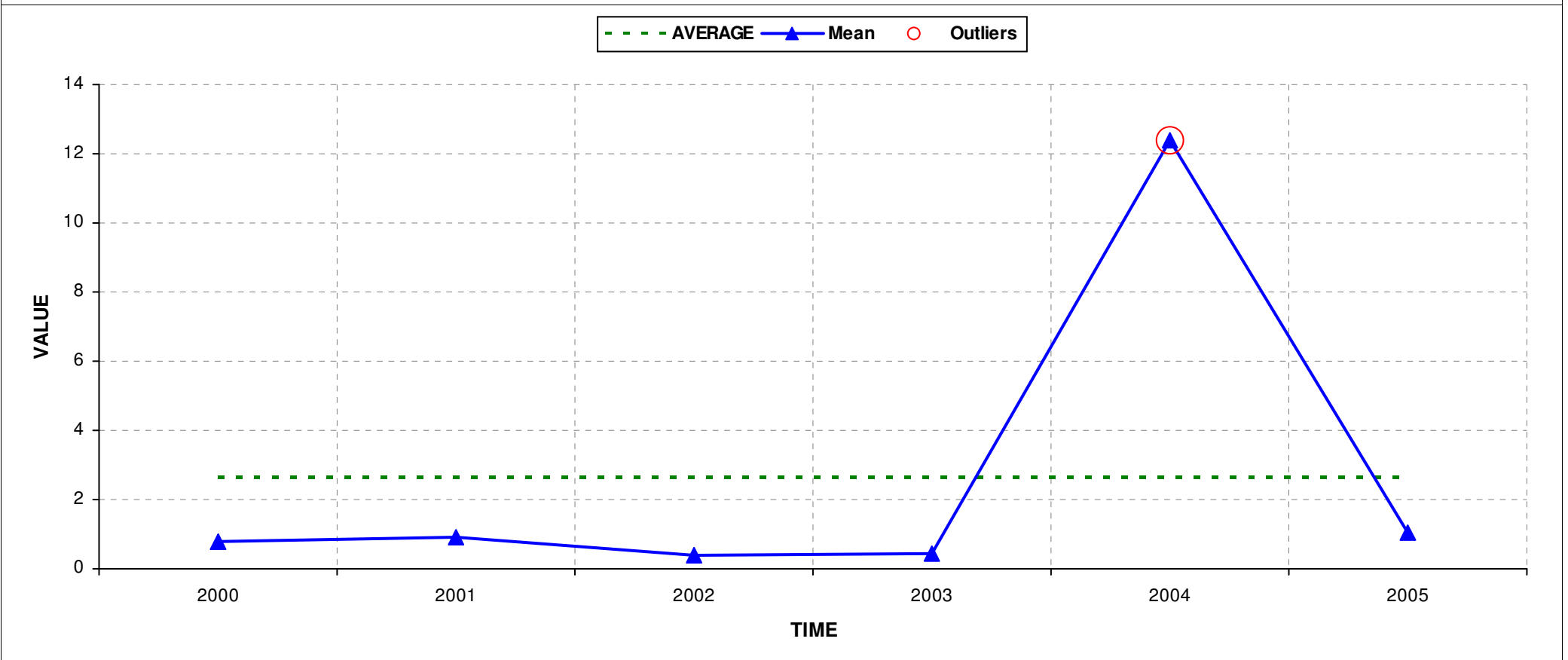
1783

AggregationPeriod:

Annual

Outliers values ([Year, Unit_Nutrients]: Mean):

[2004, mg/l N]: 12.3897



Determinand_Nutrients:

Total Ammonium

WebID:

ES_RV_ES03146

WaterbaseID:

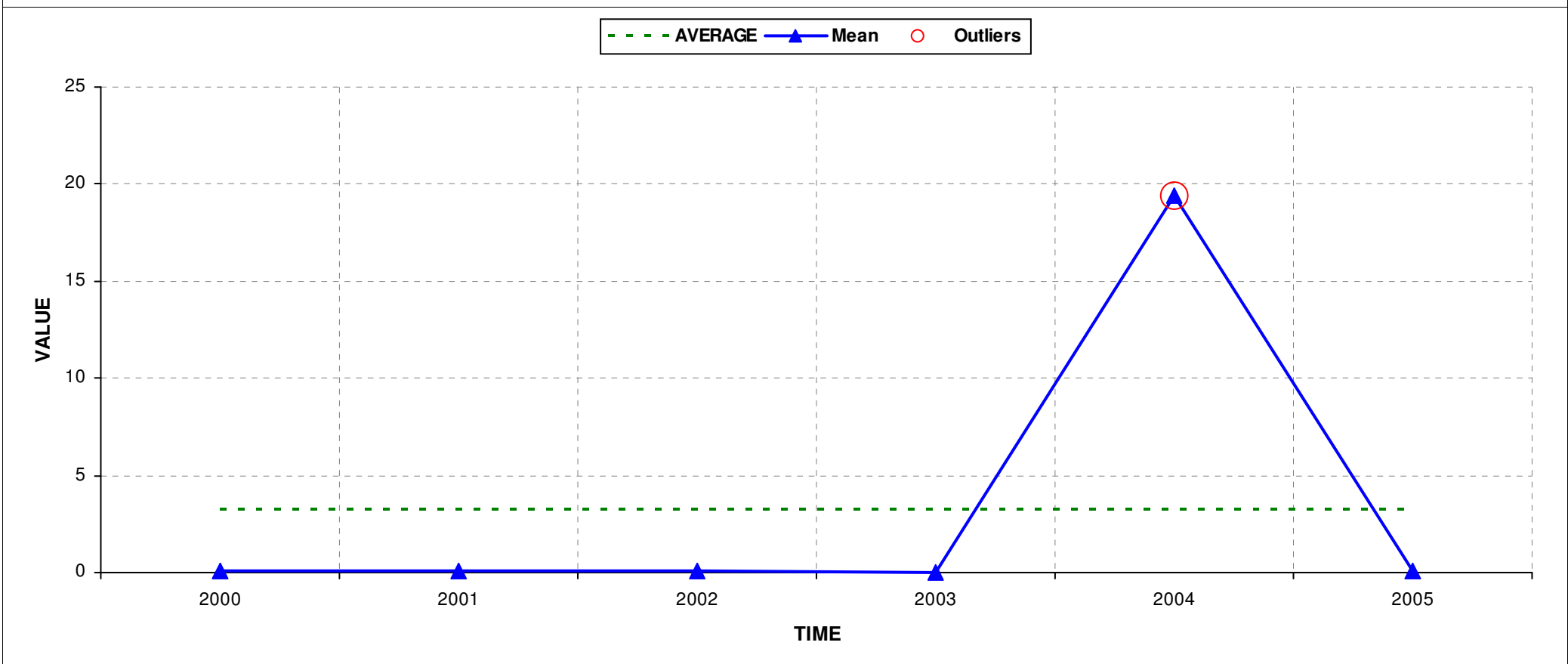
1787

AggregationPeriod:

Annual

Outliers values ([Year, Unit_Nutrients]: Mean):

[2004, mg/l N]: 19.3862



Determinand_Nutrients:

Total Ammonium

WebID:

ES_RV_ES03148

WaterbaseID:

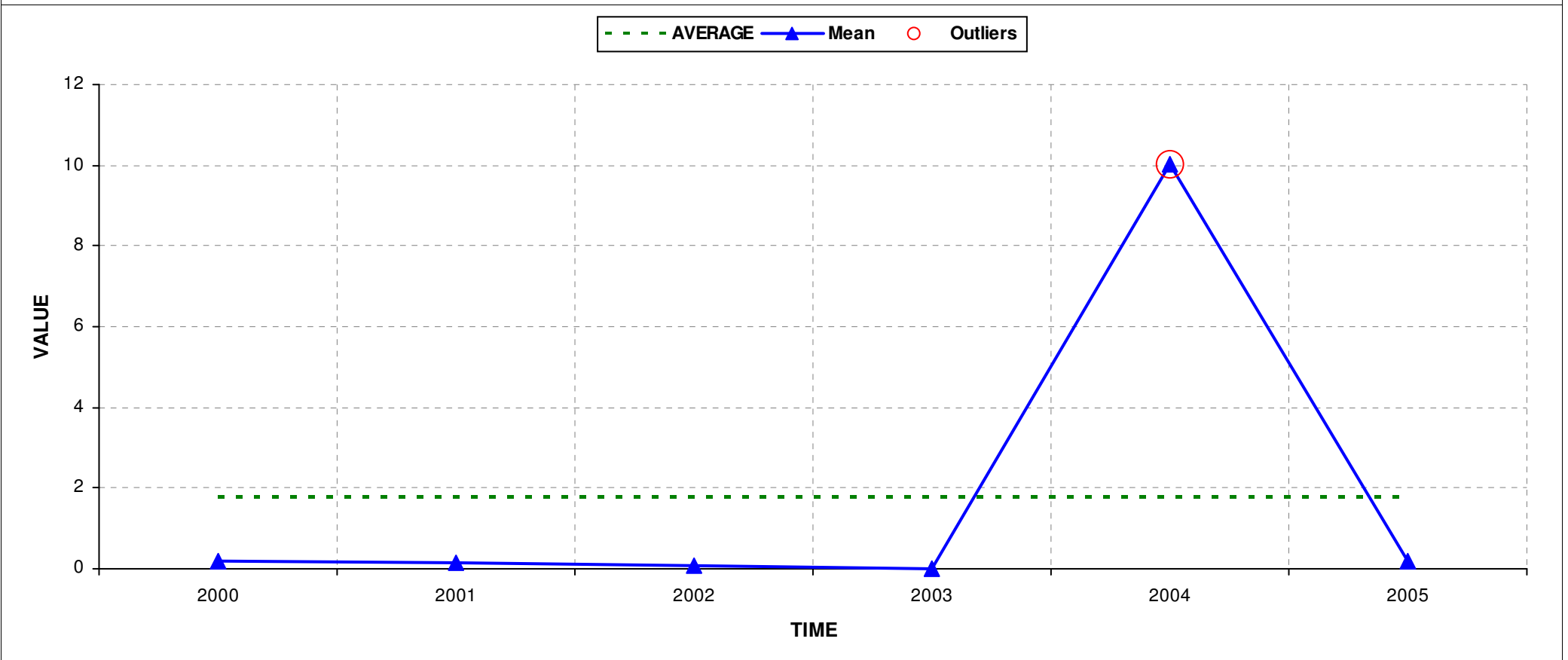
1789

AggregationPeriod:

Annual

Outliers values ([Year, Unit_Nutrients]: Mean):

[2004, mg/l N]: 10.01



Determinand_Nutrients:

Total Ammonium

WebID:

ES_RV_ES03152

WaterbaseID:

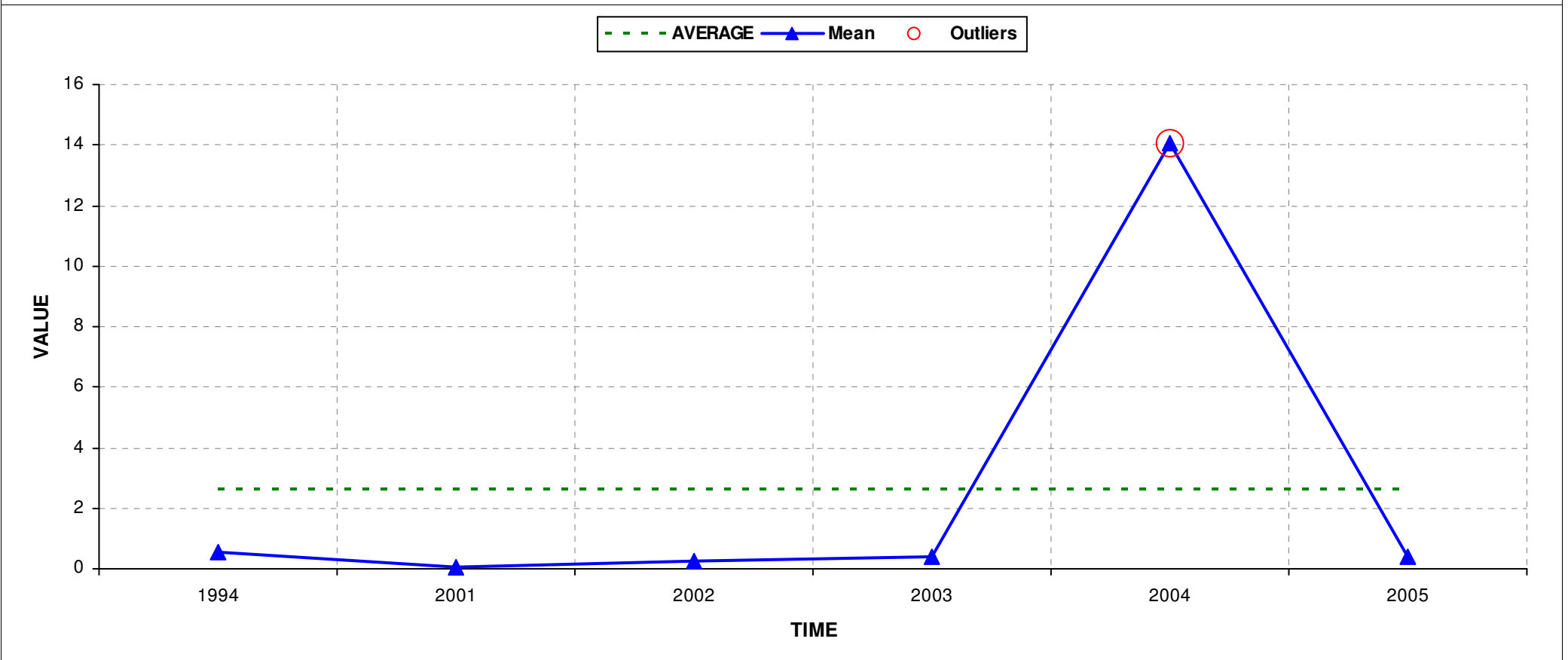
1791

AggregationPeriod:

Annual

Outliers values ([Year, Unit_Nutrients]: Mean):

[2004, mg/l N]: 14.0639



Determinand_Nutrients:

Total Ammonium

WebID:

ES_RV_ES03162

WaterbaseID:

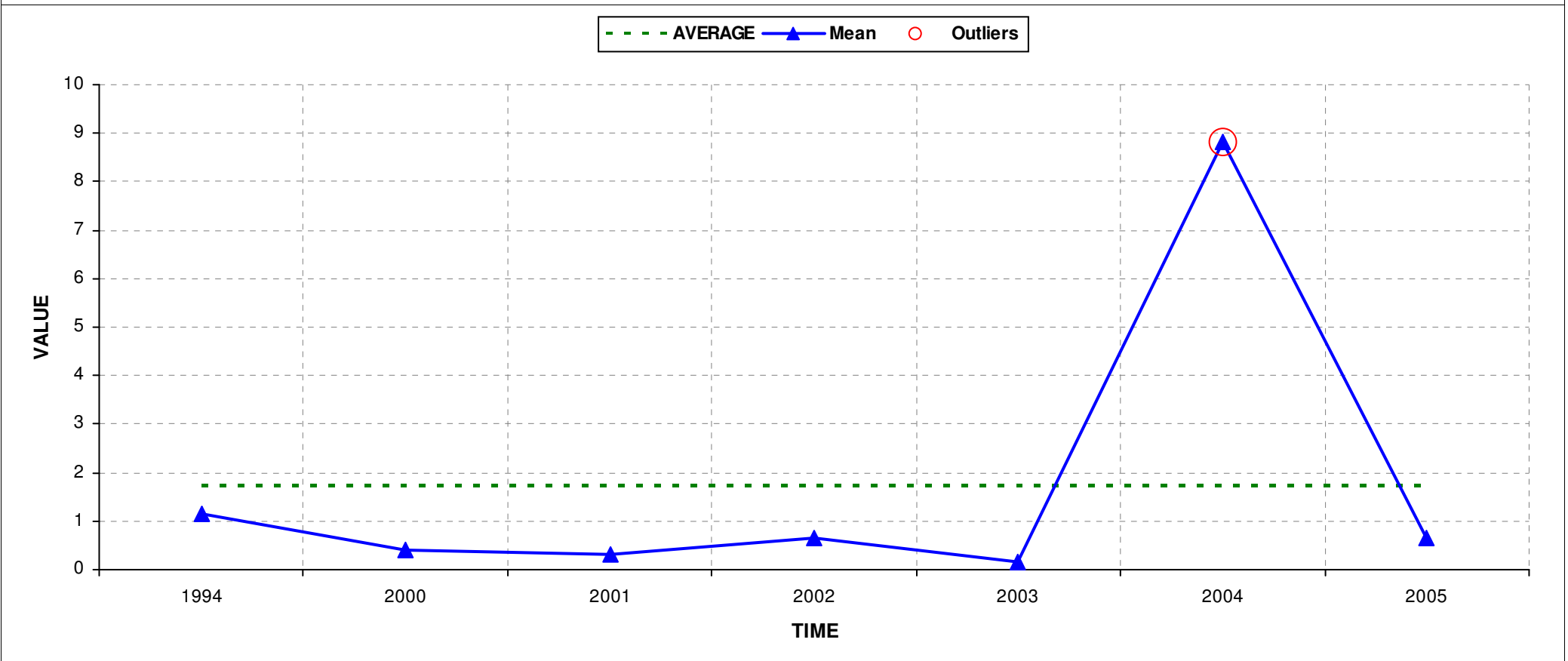
1793

AggregationPeriod:

Annual

Outliers values ([Year, Unit_Nutrients]: Mean):

[2004, mg/l N]: 8.80555



Determinand_Nutrients:

Total Ammonium

WebID:

ES_RV_ES03169

WaterbaseID:

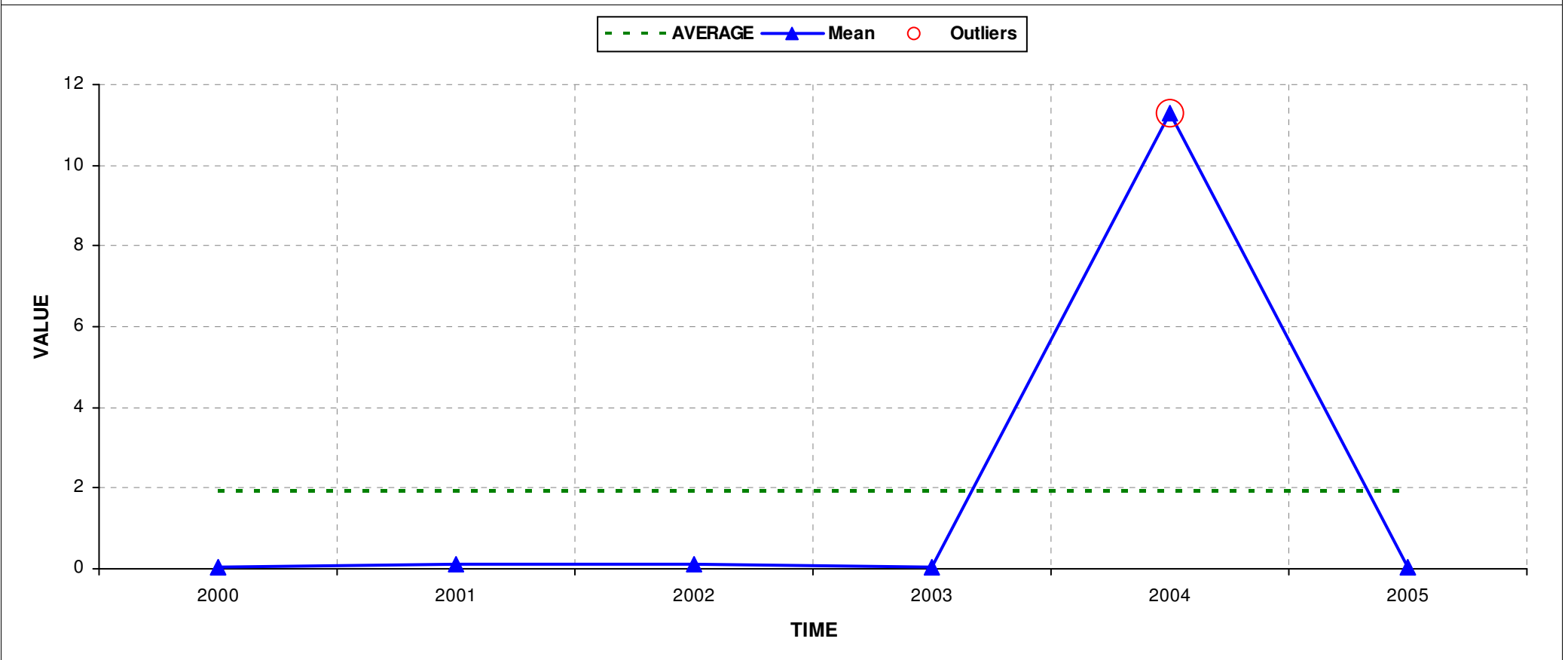
1795

AggregationPeriod:

Annual

Outliers values ([Year, Unit_Nutrients]: Mean):

[2004, mg/l N]: 11.2759



Determinand_Nutrients:

Total Ammonium

WebID:

ES_RV_ES03175

WaterbaseID:

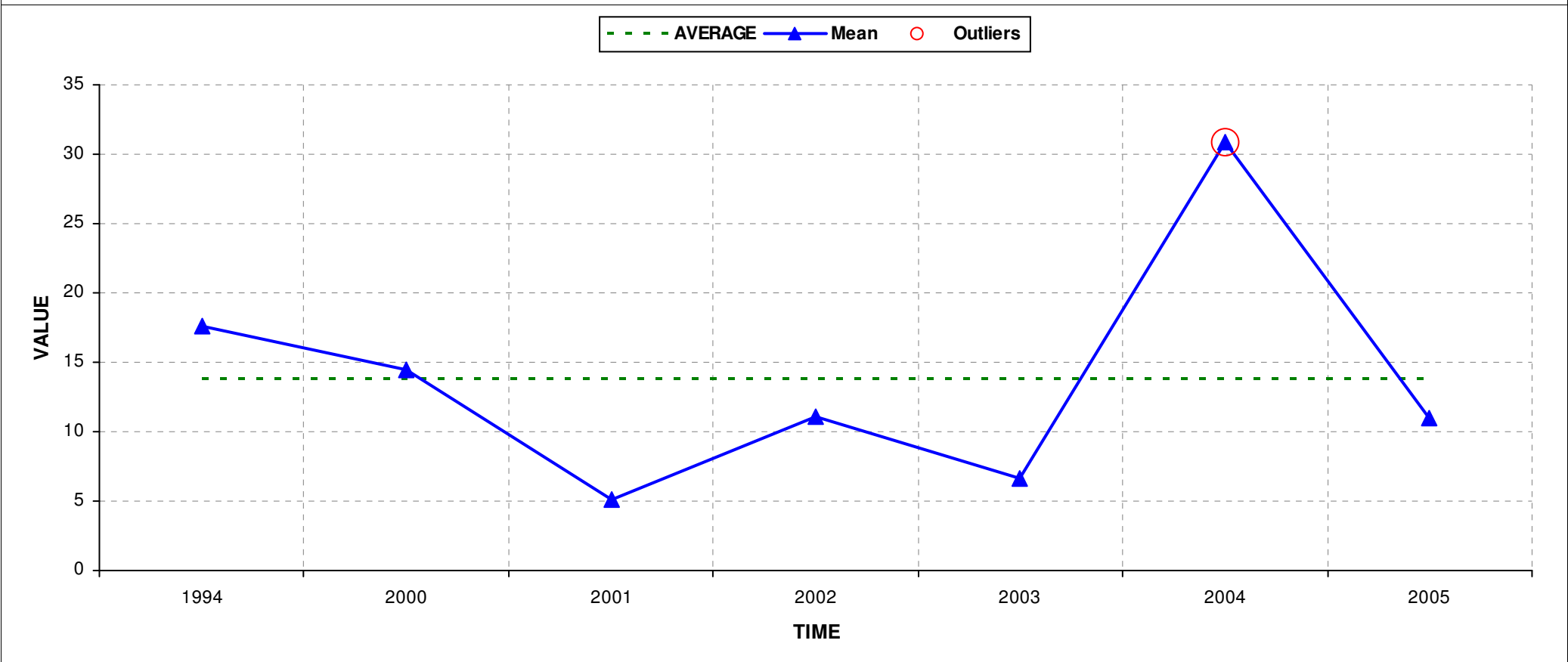
1796

AggregationPeriod:

Annual

Outliers values ([Year, Unit_Nutrients]: Mean):

[2004, mg/l N]: 30.888



Determinand_Nutrients:

Total Ammonium

WebID:

ES_RV_ES03176

WaterbaseID:

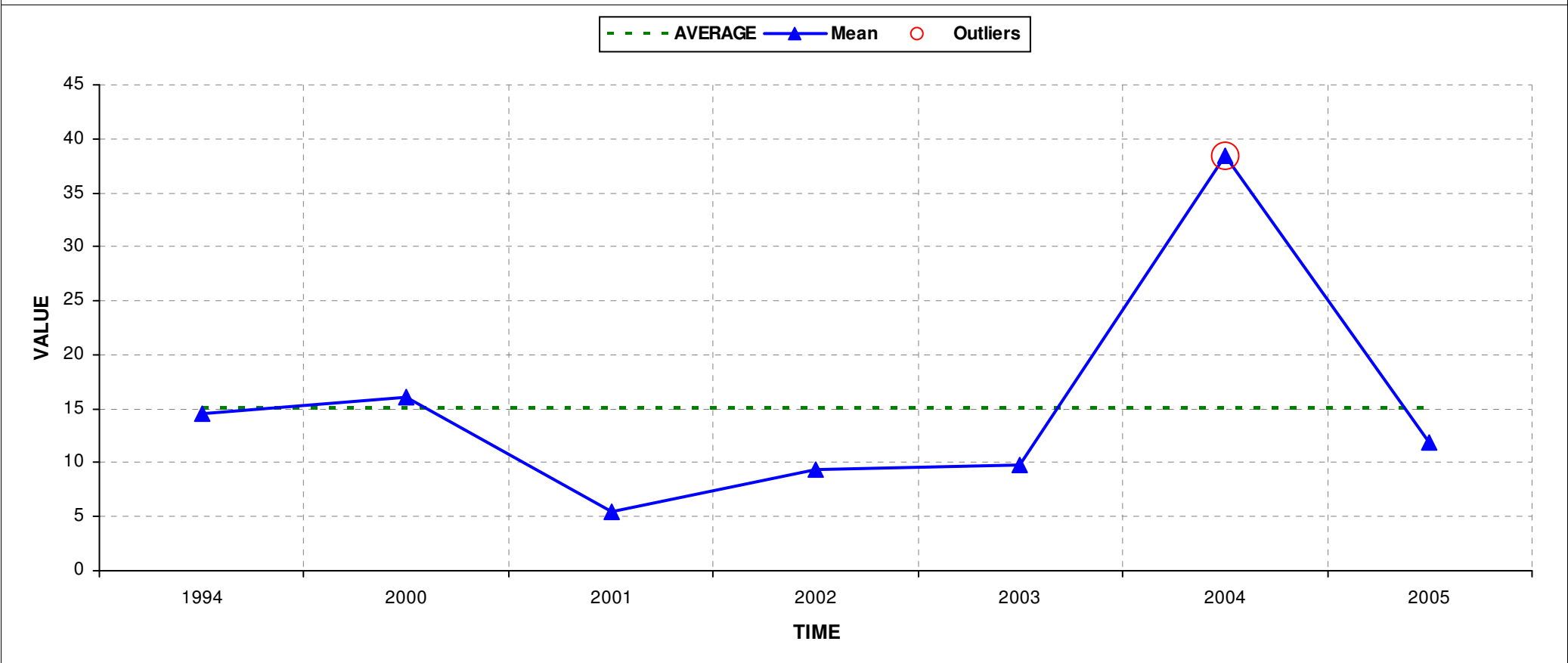
1797

AggregationPeriod:

Annual

Outliers values ([Year, Unit_Nutrients]: Mean):

[2004, mg/l N]: 38.4715



Determinand_Nutrients:

Total Ammonium

WebID:

ES_RV_ES03179

WaterbaseID:

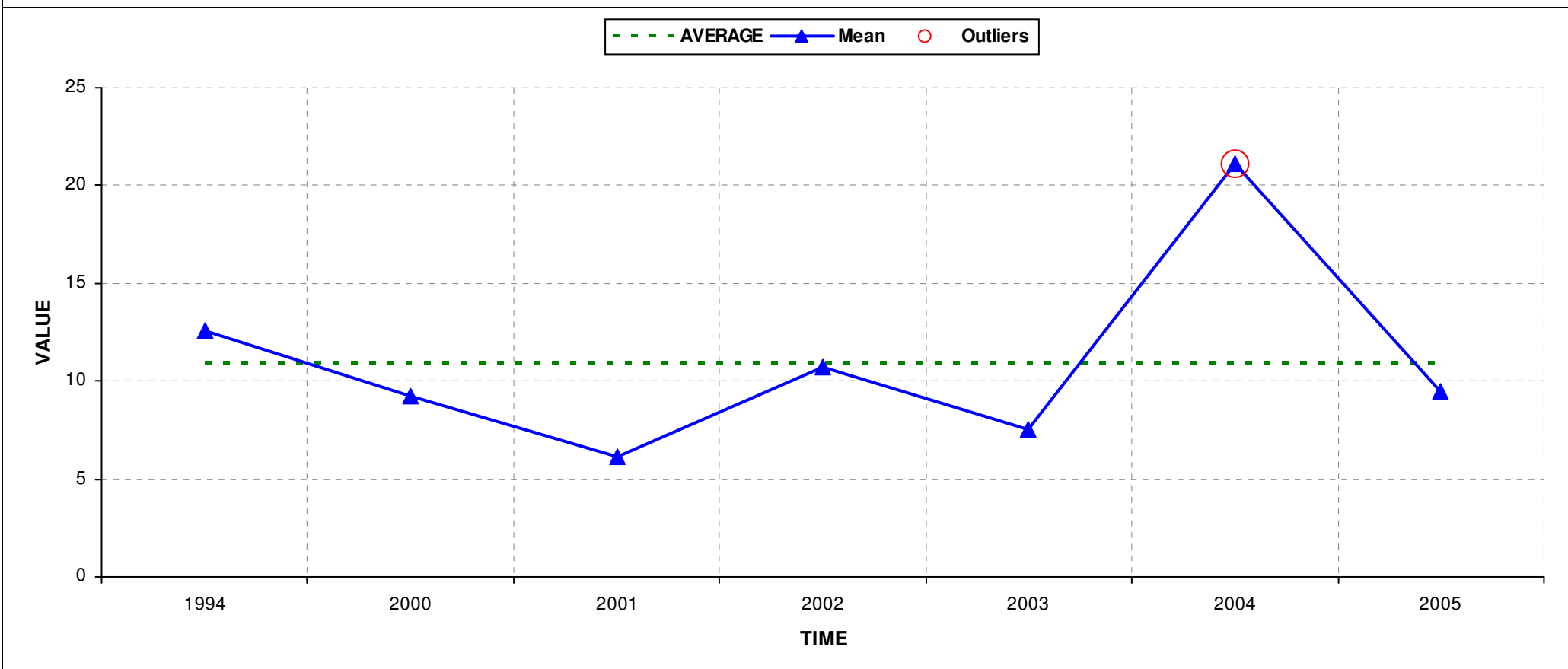
1799

AggregationPeriod:

Annual

Outliers values ([Year, Unit_Nutrients]: Mean):

[2004, mg/l N]: 21.086



Determinand_Nutrients:

Total Ammonium

WebID:

ES_RV_ES04111

WaterbaselD:

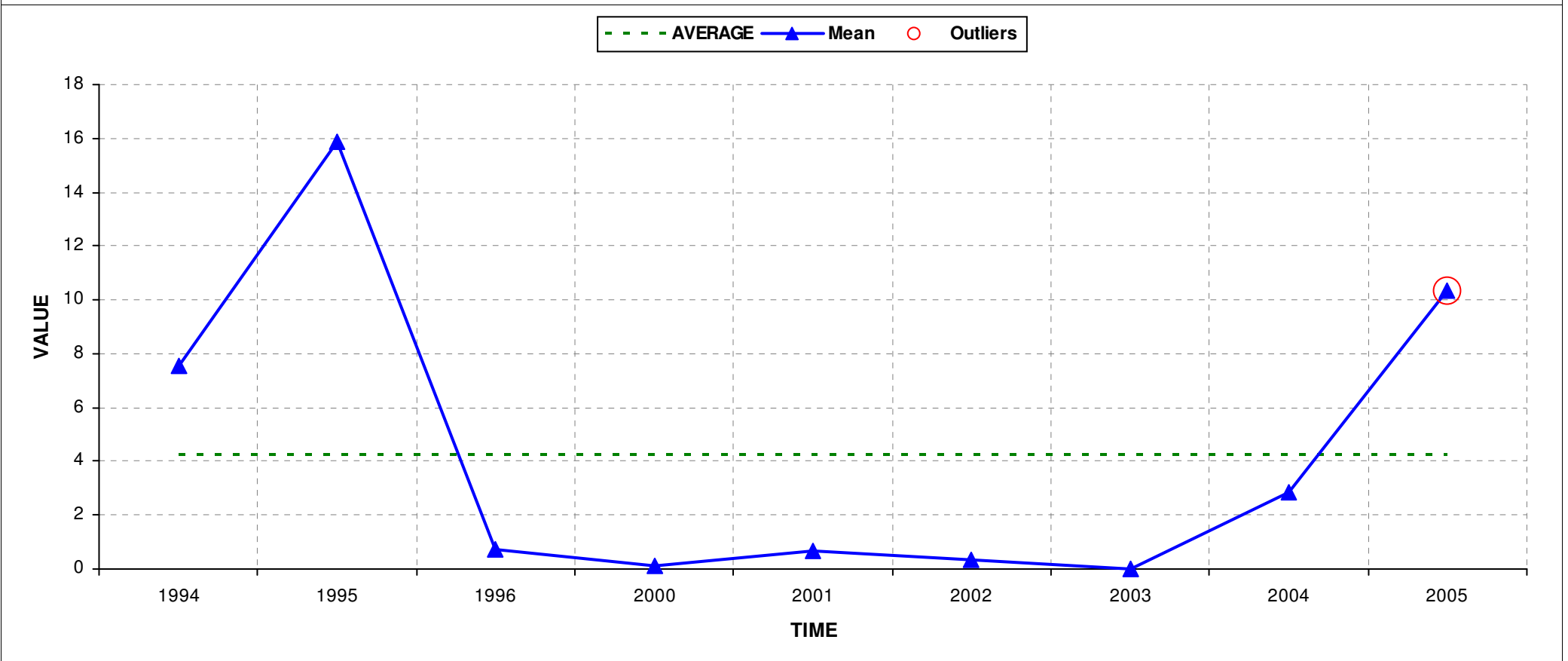
1829

AggregationPeriod:

Annual

Outliers values ([Year, Unit_Nutrients]: Mean):

[2005, mg/l N]: 10.3322



Determinand_Nutrients:

Total Ammonium

WebID:

ES_RV_ES06011

WaterbaseID:

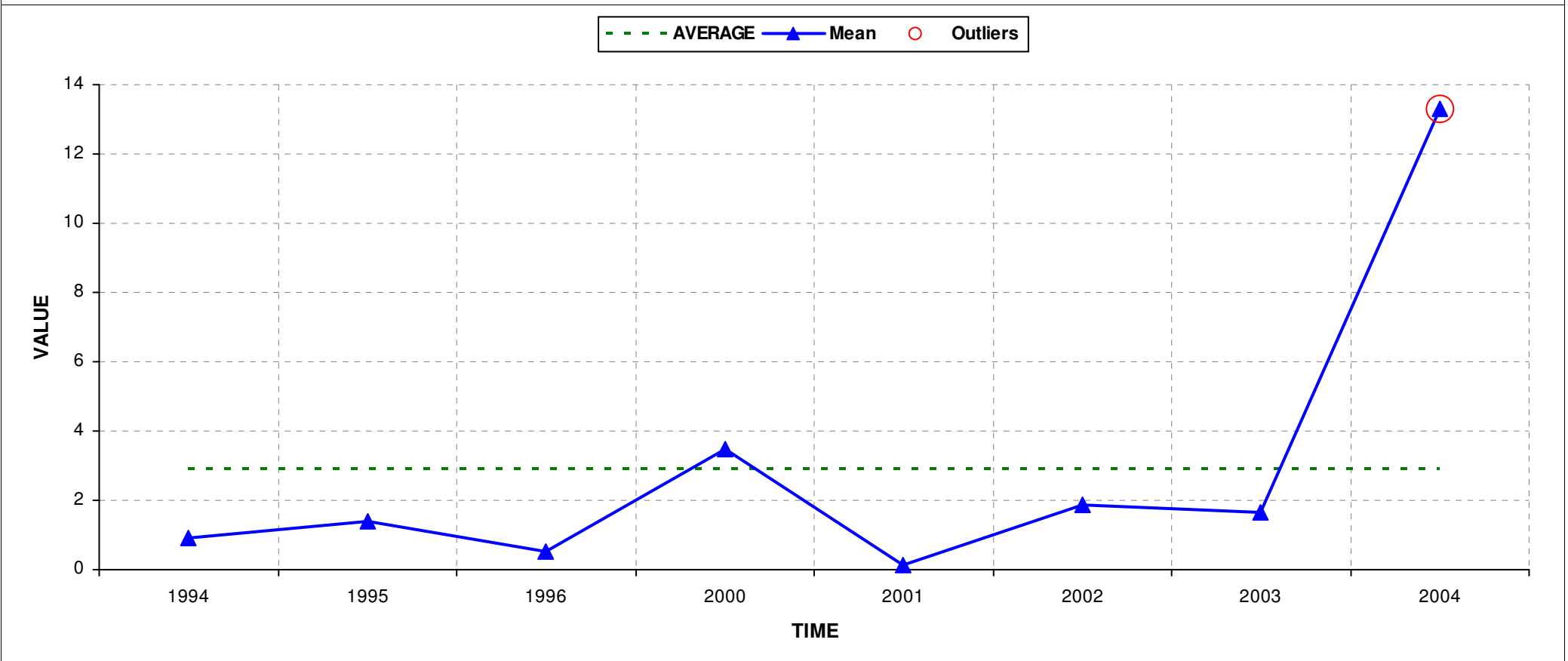
1903

AggregationPeriod:

Annual

Outliers values ([Year, Unit_Nutrients]: Mean):

[2004, mg/l N]: 13.2905



Determinand_Nutrients:

Total Ammonium

WebID:

ES_RV_ES06069

WaterbaseID:

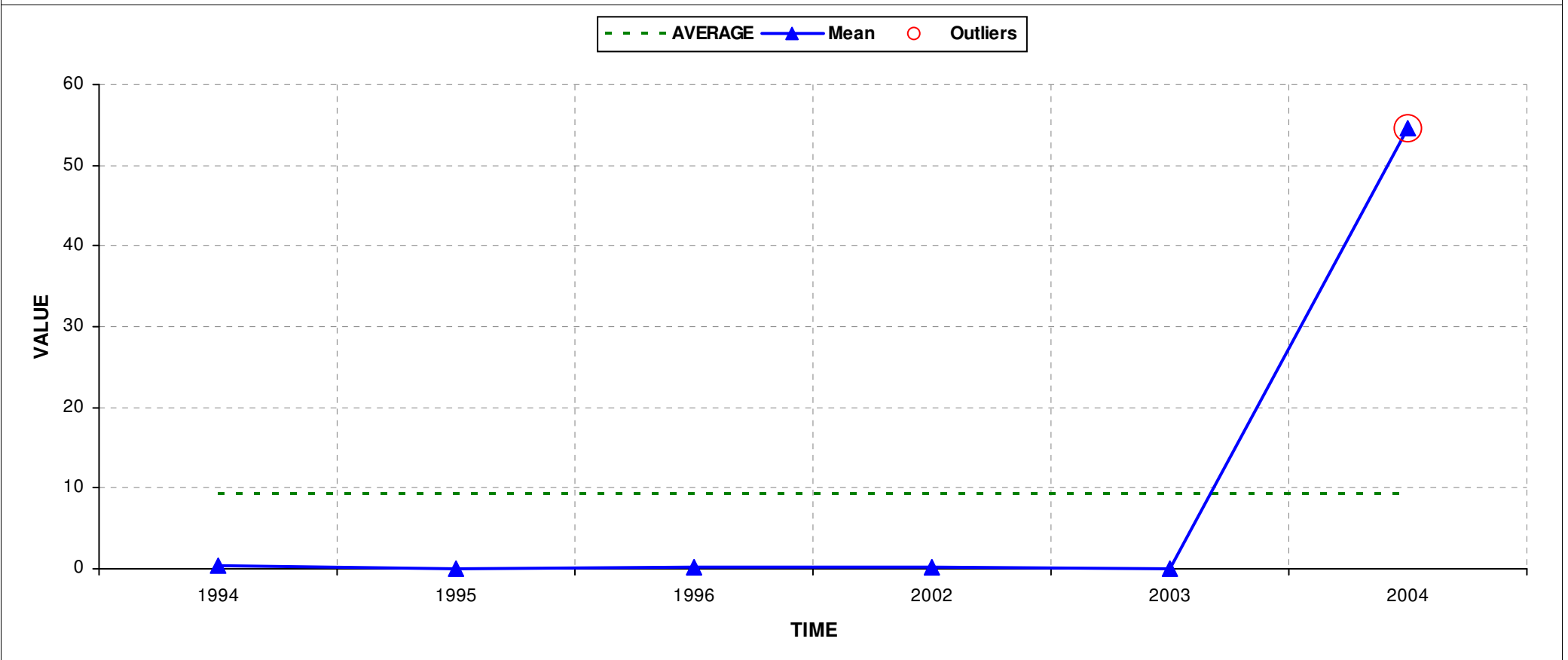
1912

AggregationPeriod:

Annual

Outliers values ([Year, Unit_Nutrients]: Mean):

[2004, mg/l N]: 54.6702



Determinand_Nutrients:

Total Ammonium

WebID:

ES_RV_ES06406

WaterbaseID:

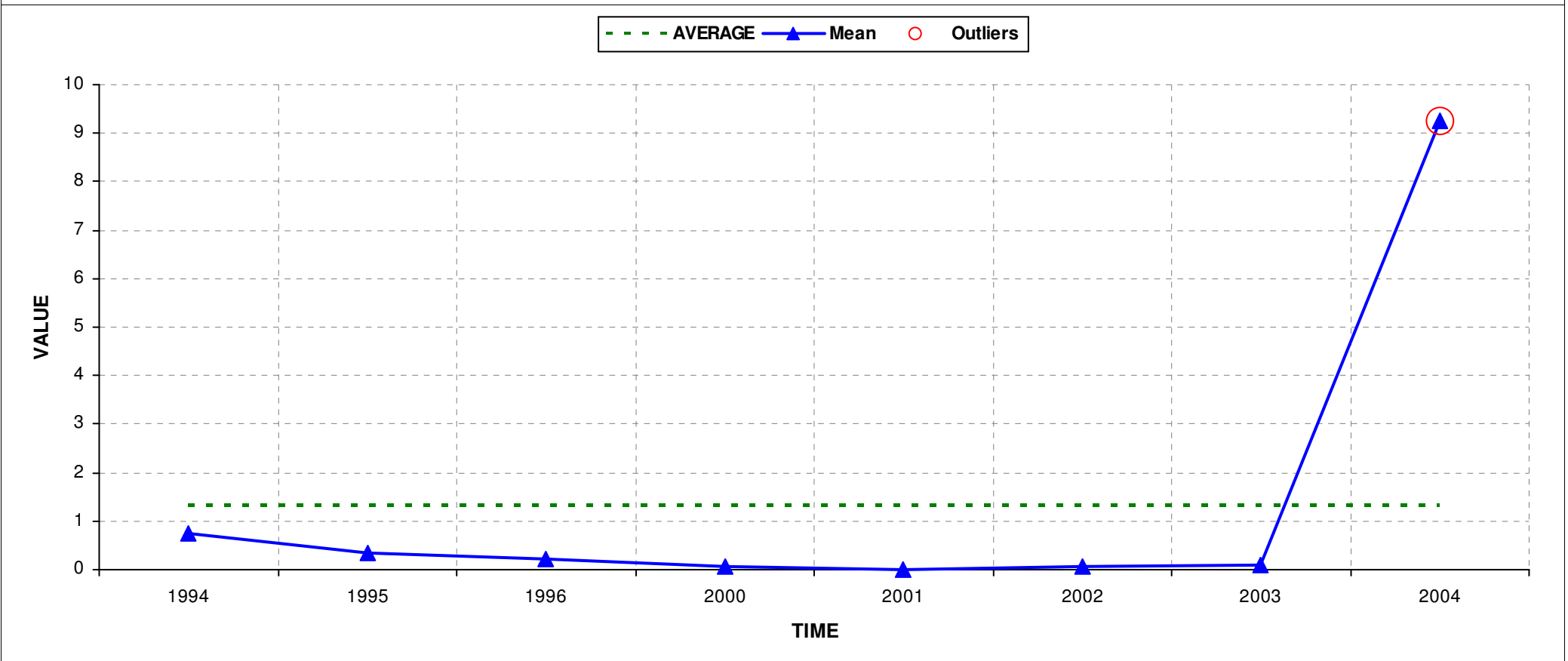
1915

AggregationPeriod:

Annual

Outliers values ([Year, Unit_Nutrients]: Mean):

[2004, mg/l N]: 9.24293



Determinand_Nutrients:

Total Ammonium

WebID:

ES_RV_ES08067

WaterbaseID:

1939

AggregationPeriod:

Annual

Outliers values ([Year, Unit_Nutrients]: Mean):

[2001, mg/l N]: 25.2669

