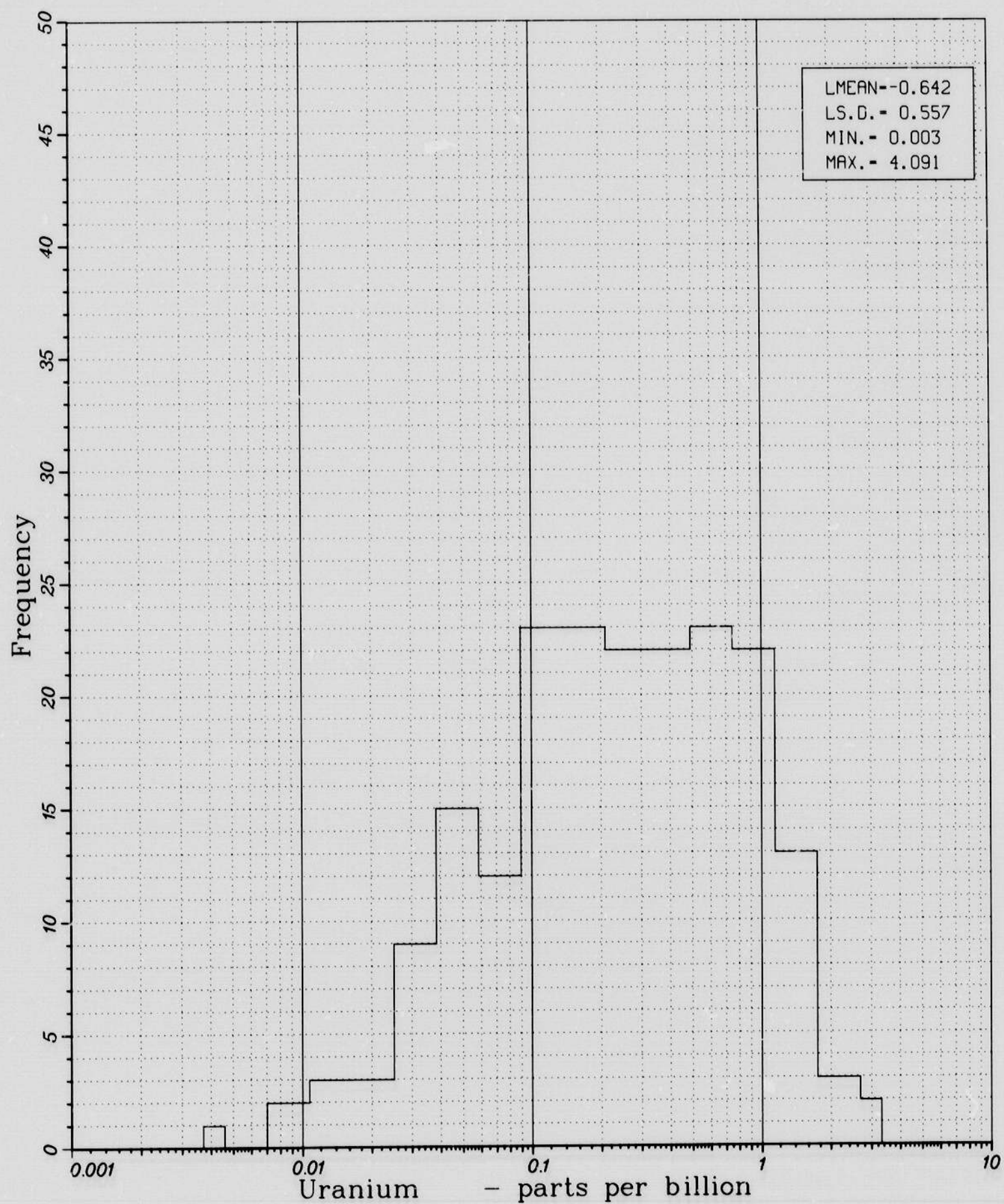


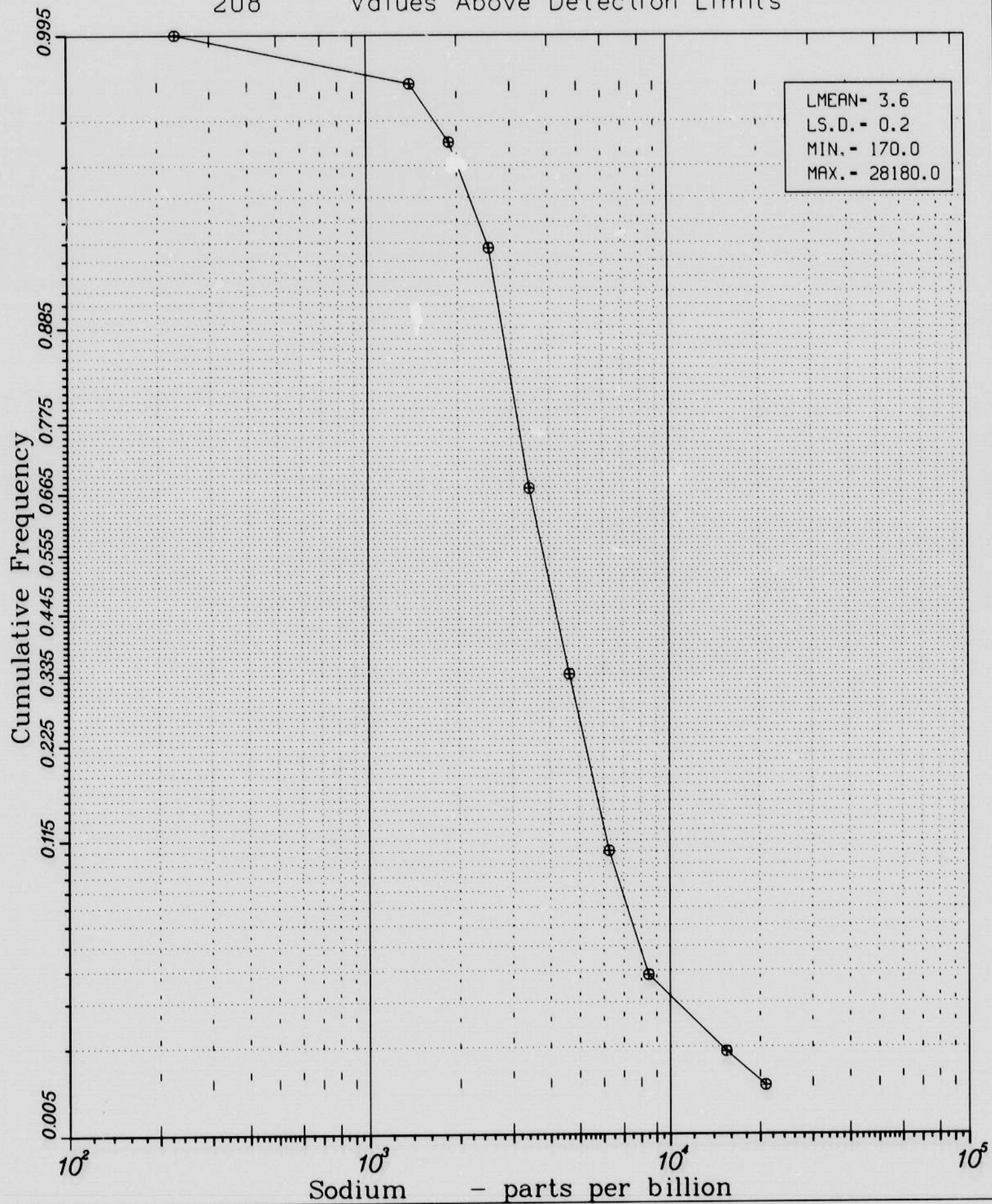
Log Histogram
198

CHALLIS
Uranium
Values Above
Detection Limits

1'x2' Sheet
Values -Surface Water Sites



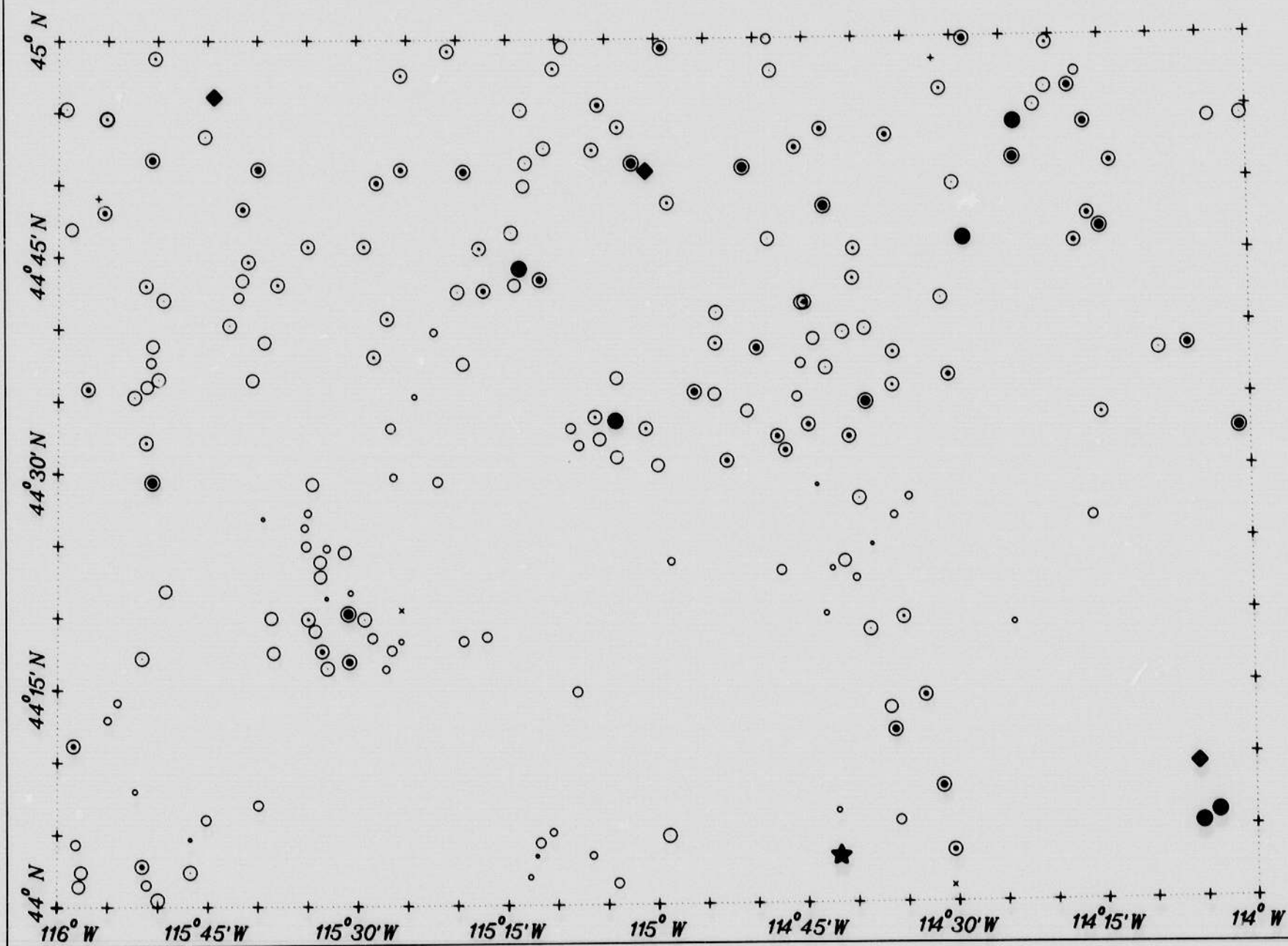
CHALLIS 1'x2' Sheet
Log Cumulative Frequency Plot
Sodium Values - Surface Water Sites
208 Values Above Detection Limits



CHALLIS *1x2° Sheet*
Aluminum In Surface Water
208 Values Above D.L.

Aluminum concentration - p.p.b.

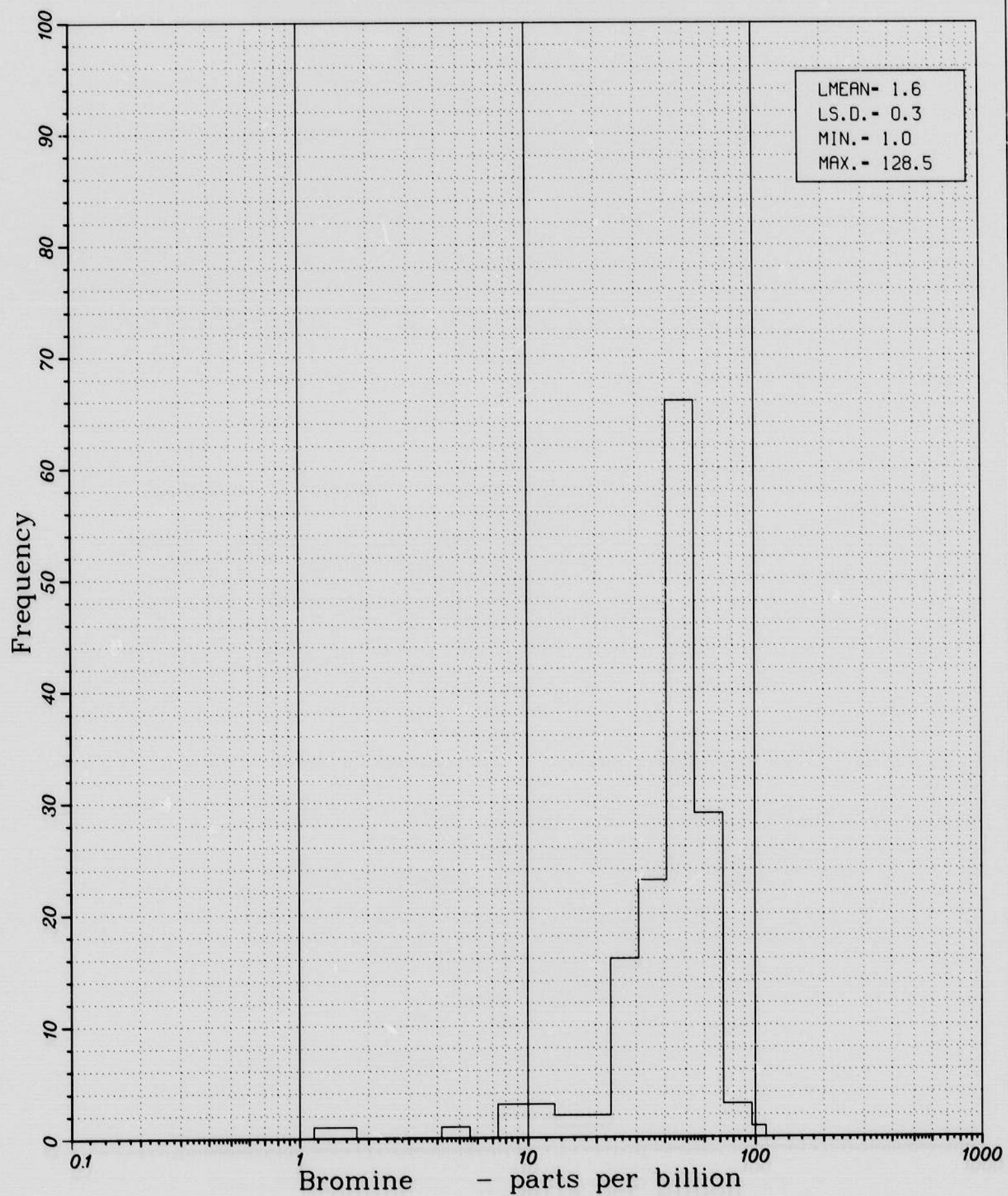
+ < 7.0	○ 31.0- 40.0	○ 72.0- 121.0	⊙ 203.0- 243.0	● 487.0- 646.0
x 7.0- 26.0	○ 40.0- 51.0	○ 121.0- 155.0	⊙ 243.0- 324.0	◆ 646.0- 836.0
• 26.0- 31.0	○ 51.0- 72.0	⊙ 155.0- 203.0	⊙ 324.0- 487.0	★ > 836.0



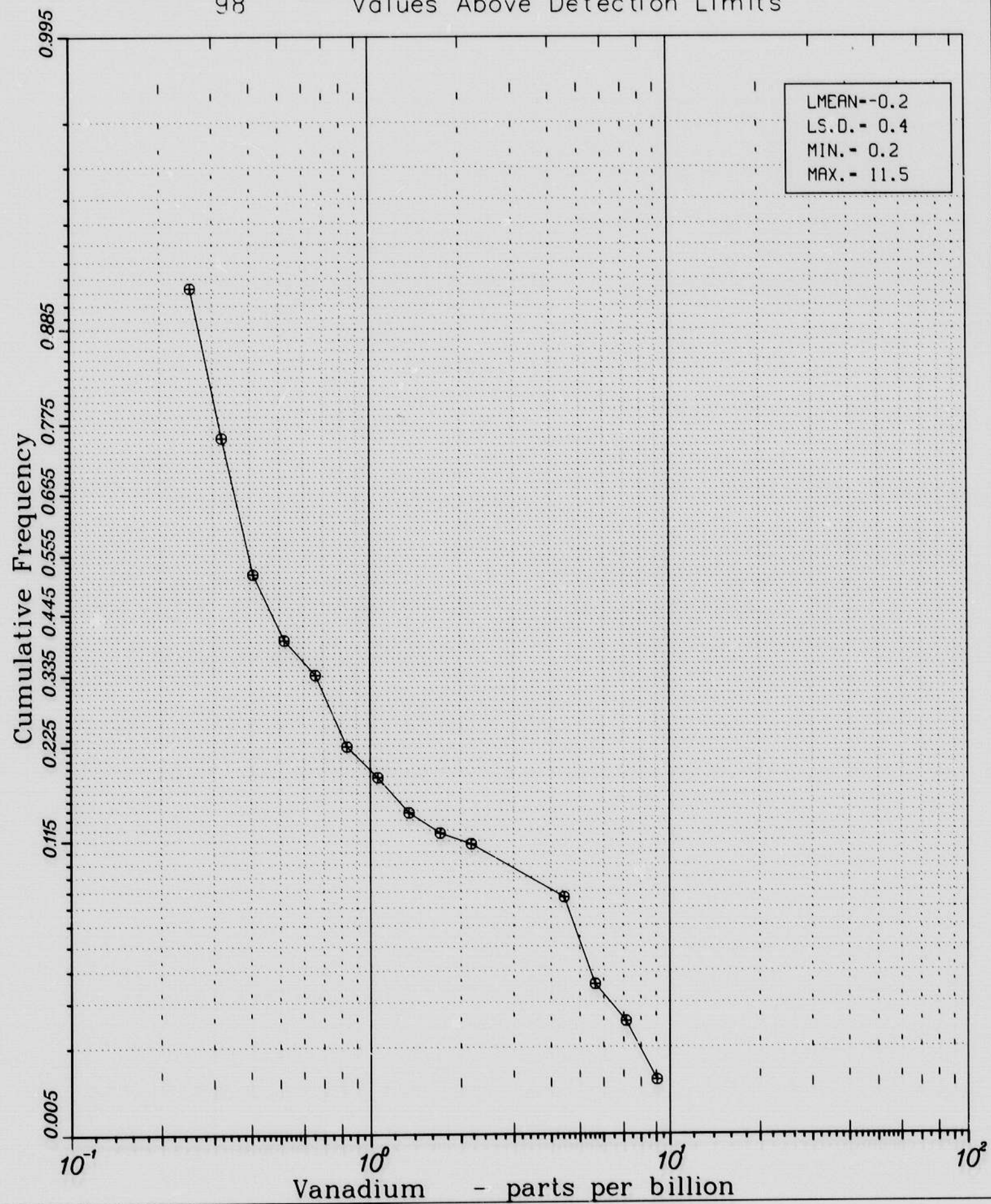
Log Histogram
151

CHALLIS
Bromine
Values Above Detection Limits

1x2' Sheet
Values - Surface Water Sites



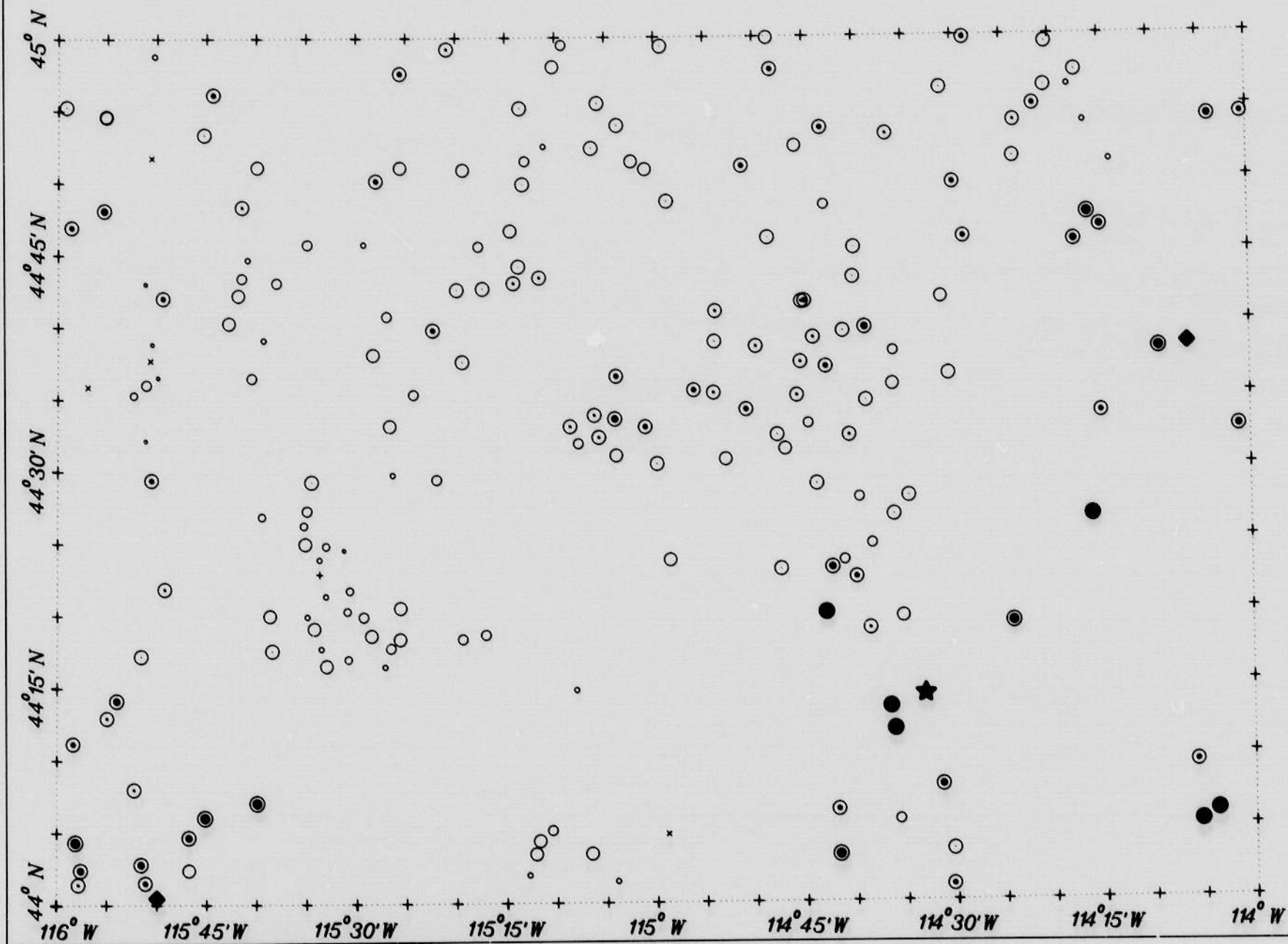
CHALLIS 1°x2° Sheet
Log Cumulative Frequency Plot
Vanadium Values - Surface Water Sites
98 Values Above Detection Limits



CHALLIS *1x2° Sheet*
Alkalinity In Surface Water
206 Values Above D.L.

Alkalinity - milliequivalent/liter

+ < 0.16	○ 0.24- 0.30	○ 0.40- 0.50	⊙ 0.85- 1.20	● 1.80- 2.50
x 0.16- 0.20	○ 0.30- 0.34	○ 0.50- 0.70	⊙ 1.20- 1.40	◆ 2.50- 3.10
• 0.20- 0.24	○ 0.34- 0.40	⊙ 0.70- 0.85	⊙ 1.40- 1.80	★ > 3.10

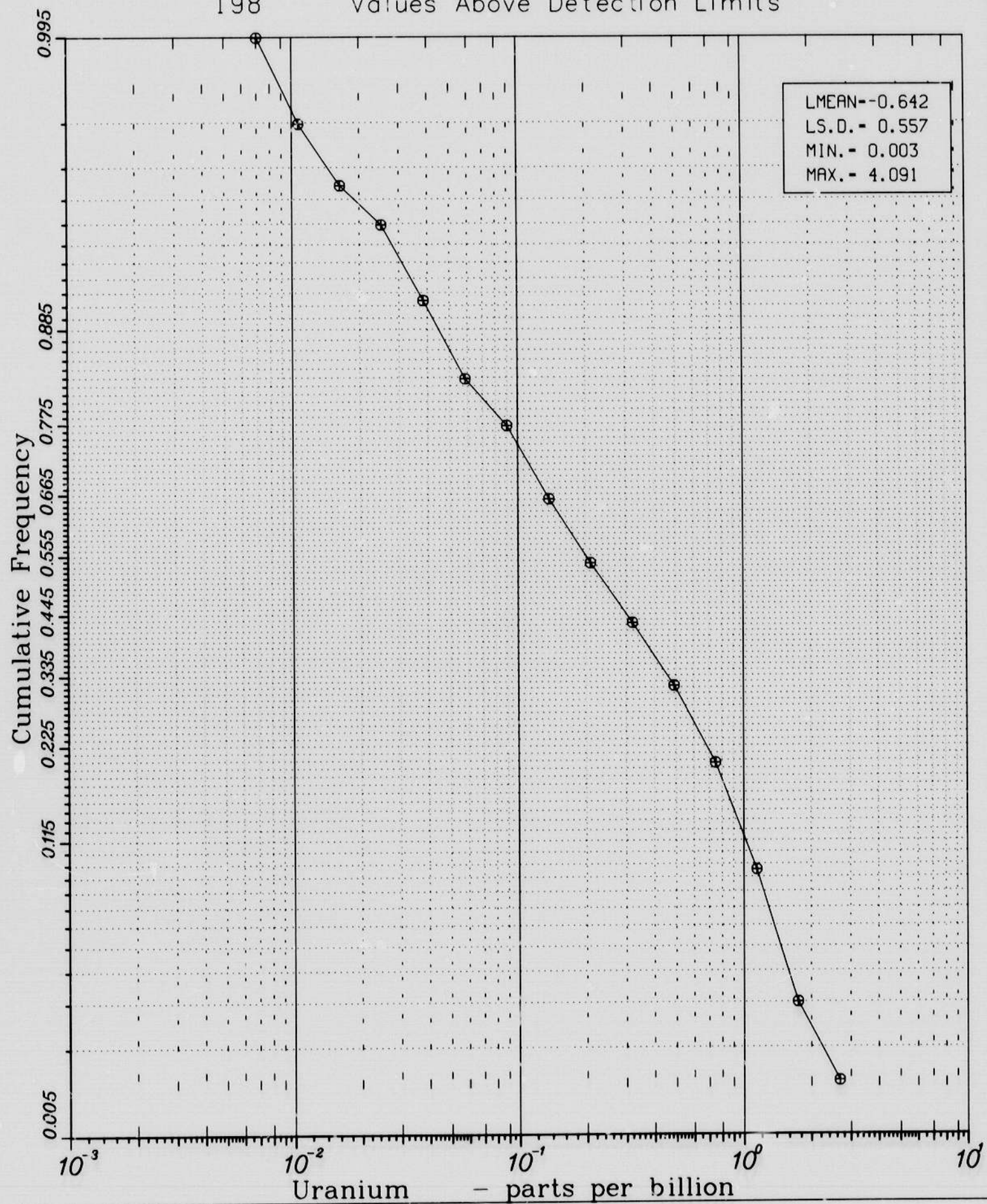


CHALLIS 1°x2° Sheet

Log Cumulative Frequency Plot

Uranium Values - Surface Water Sites

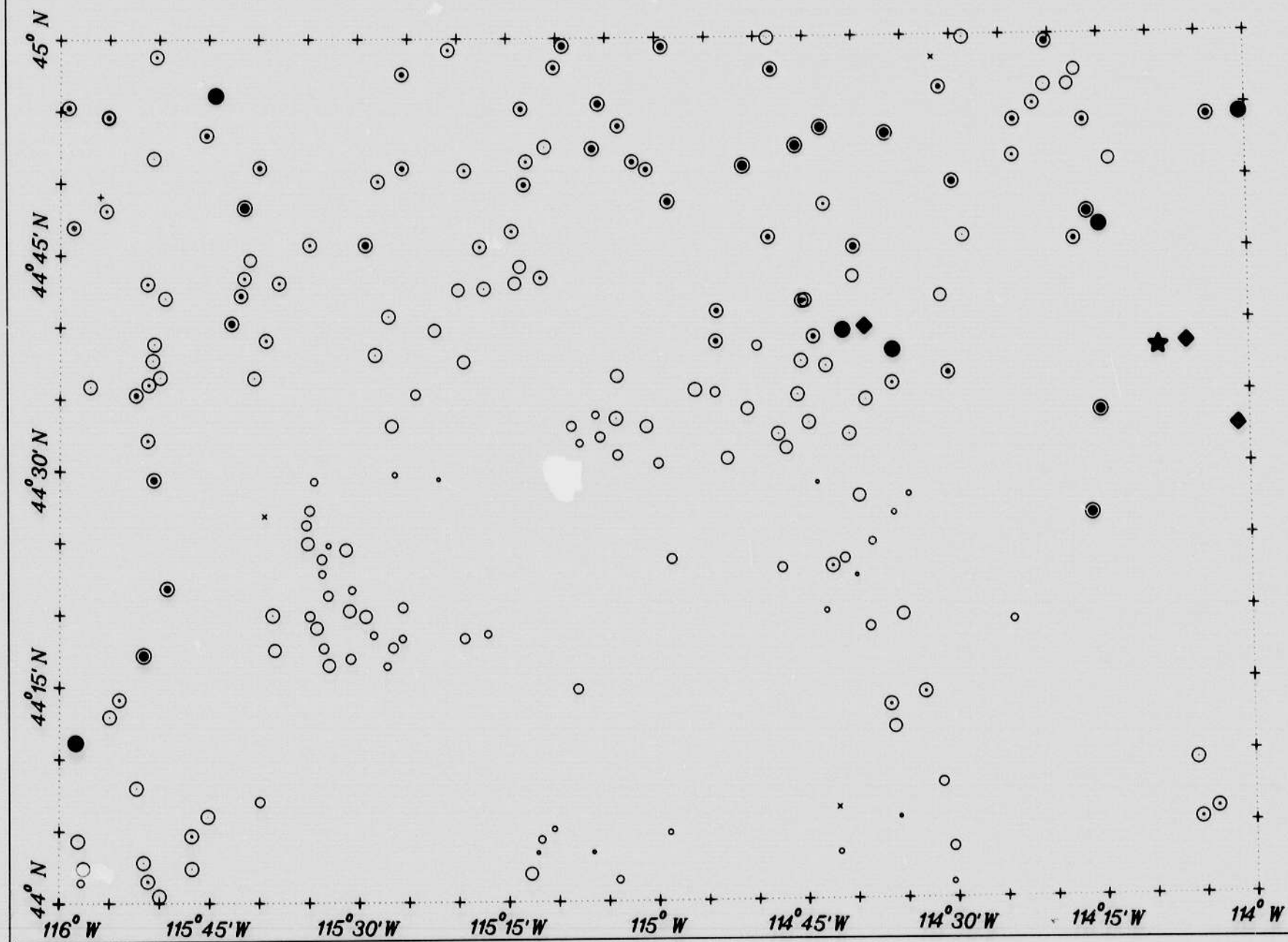
198 Values Above Detection Limits



CHALLIS *1x2' Sheet*
Sodium In Surface Water
208 Values Above D.L.

Sodium concentration - p.p.b.

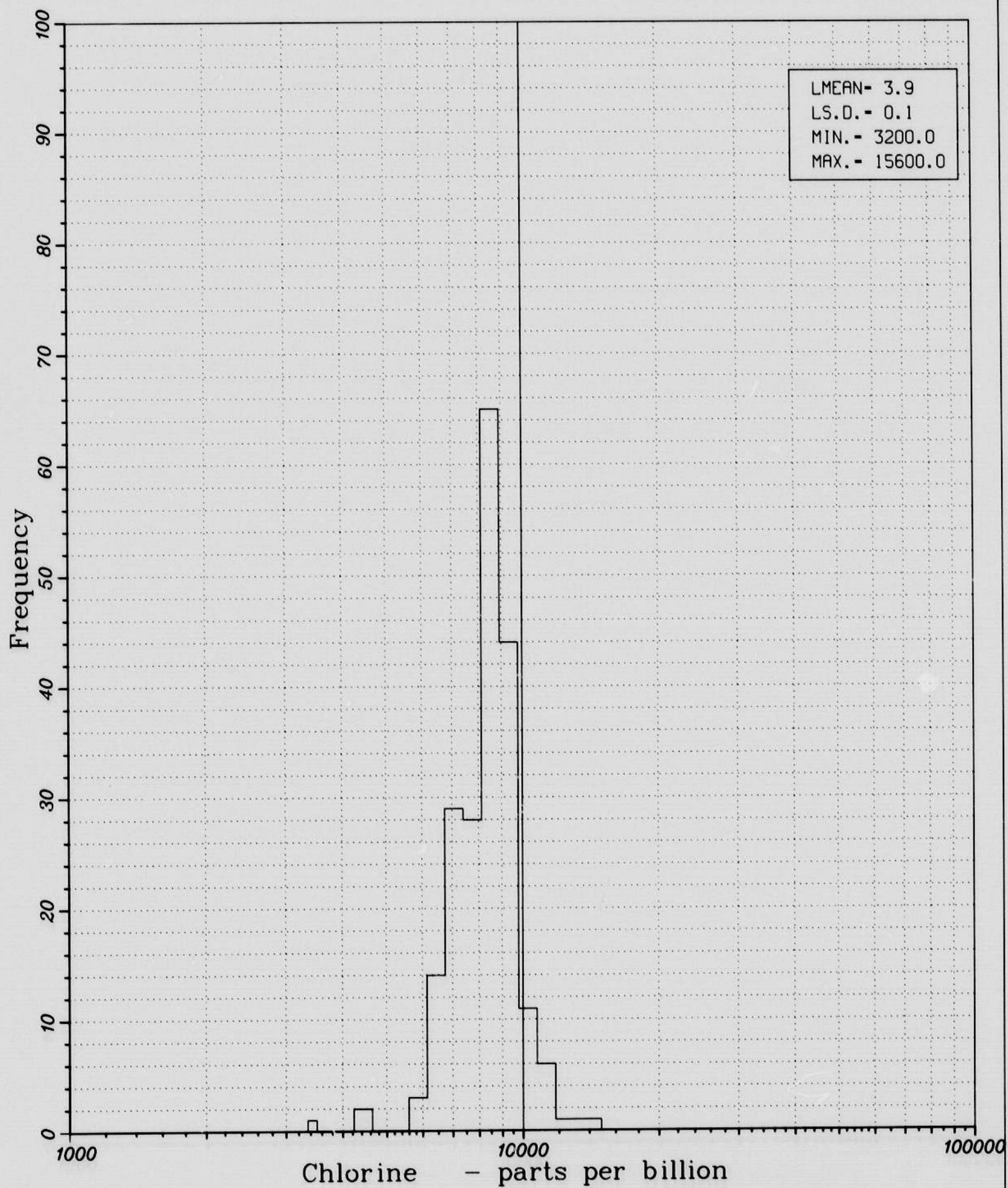
+ < 170.0	○ 2430.0- 2710.0	○ 3270.0- 3740.0	⊙ 4930.0- 5580.0	● 7370.0- 9550.0
x 170.0- 1840.0	○ 2710.0- 2930.0	○ 3740.0- 4370.0	⊙ 5580.0- 6380.0	◆ 9550.0- 27100.0
◊ 1840.0- 2430.0	○ 2930.0- 3270.0	⊙ 4370.0- 4930.0	⊙ 6380.0- 7370.0	★ > 27100.0



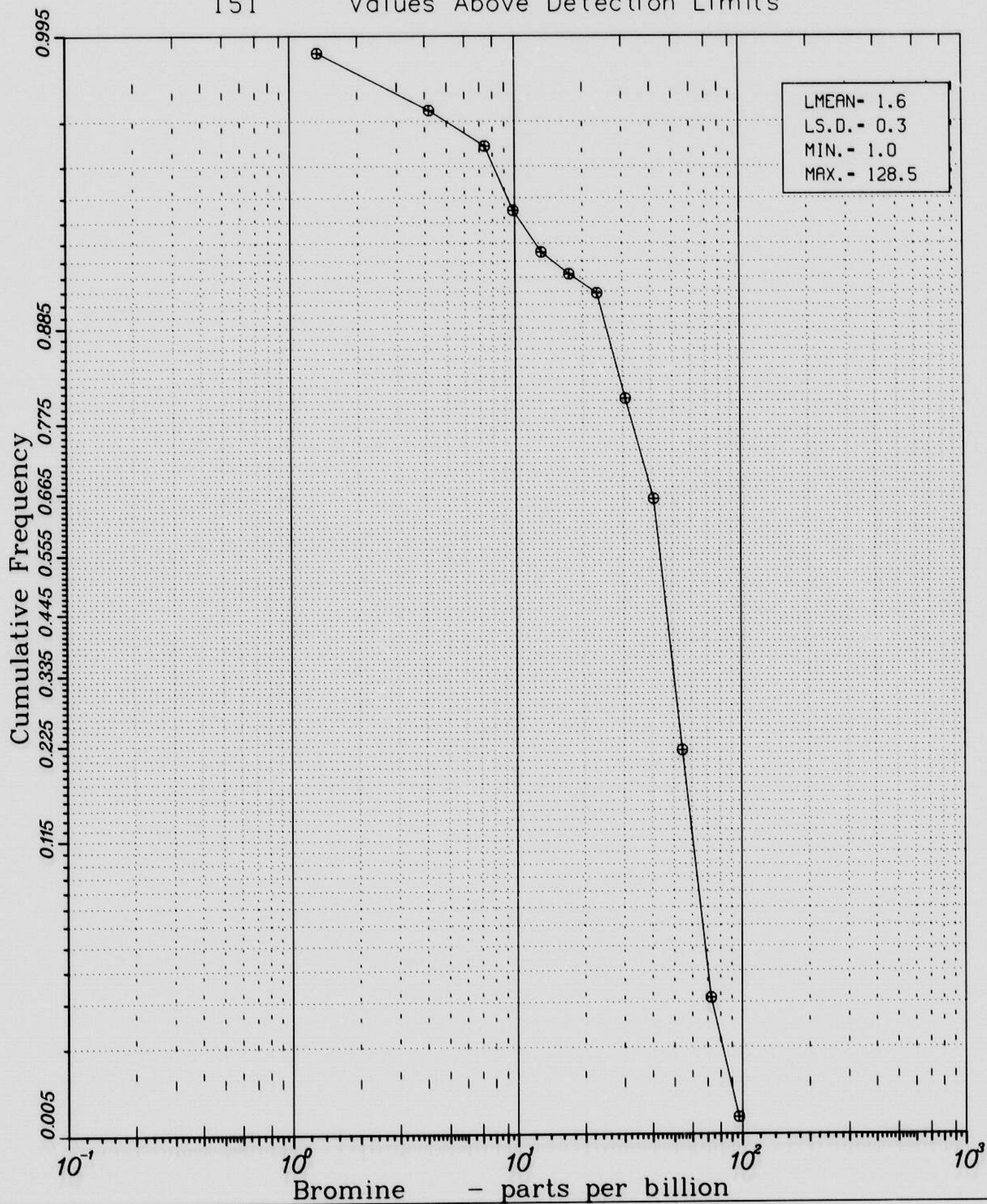
Log Histogram
206

CHALLIS
Chlorine
Values Above Detection Limits

1x2 Sheet
Values - Surface Water Sites



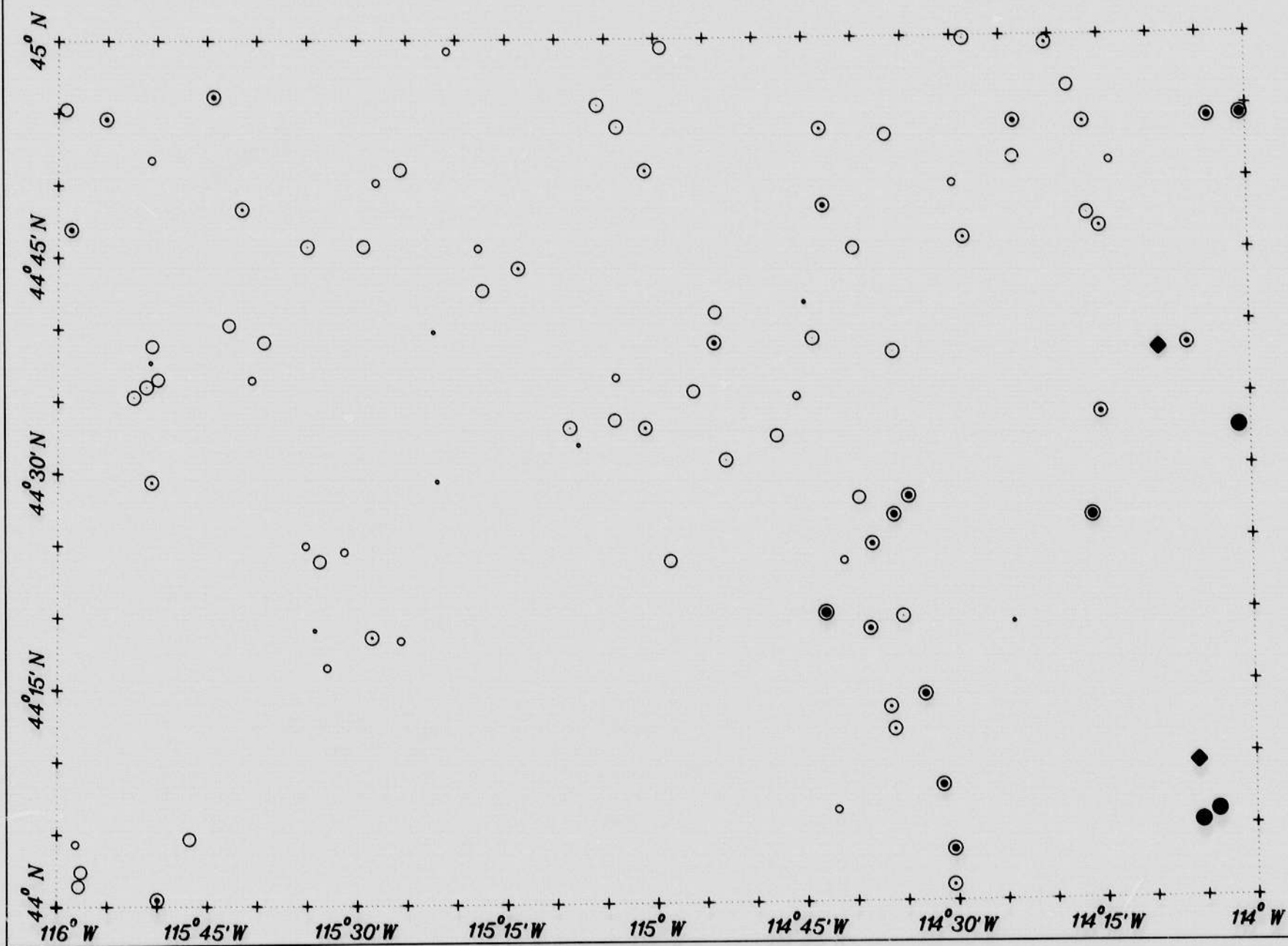
CHALLIS 1x2 Sheet
Log Cumulative Frequency Plot
Bromine Values - Surface Water Sites
151 Values Above Detection Limits



CHALLIS *1x2° Sheet*
Vanadium In Surface Water
98 Values Above D.L.

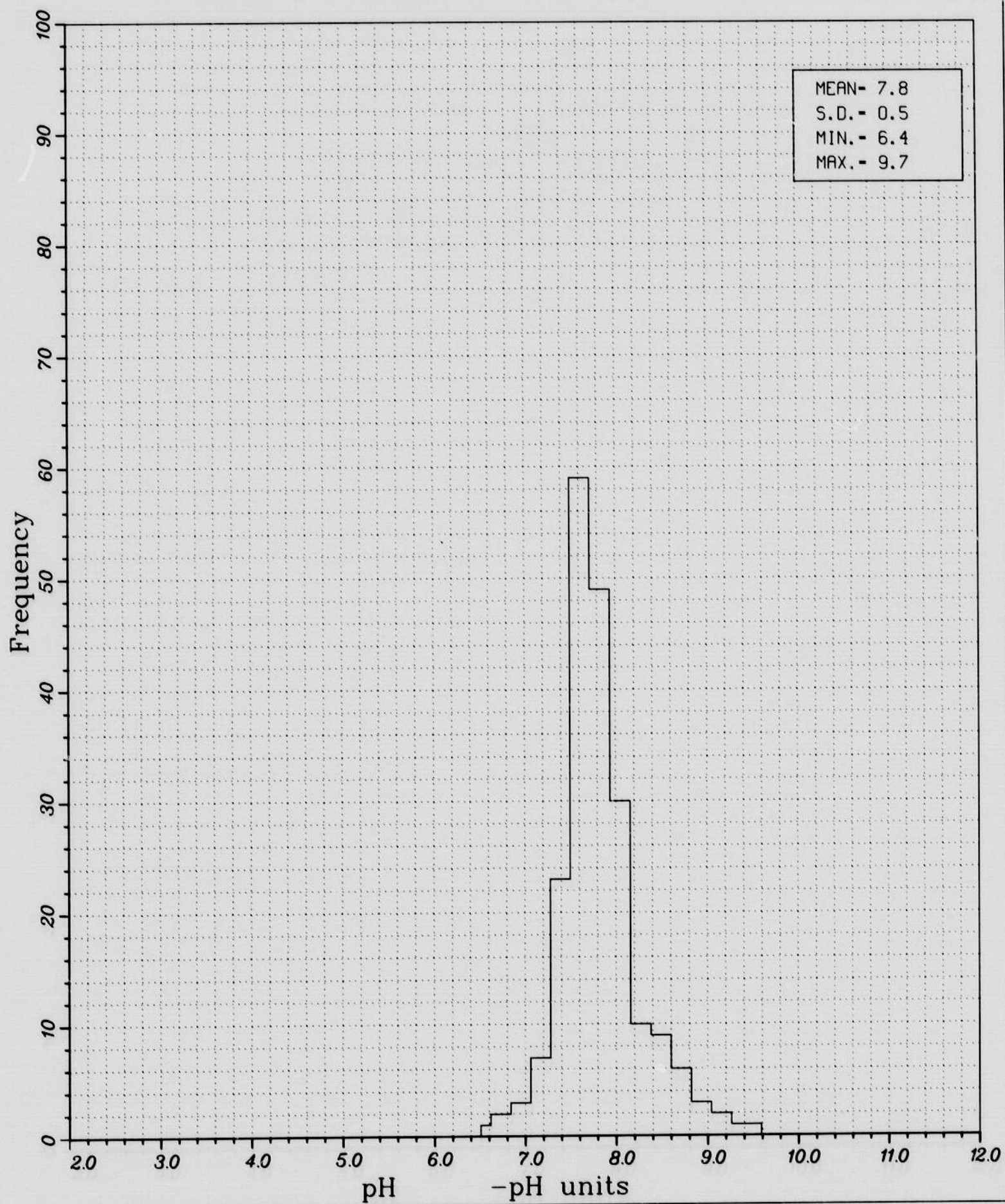
Vanadium concentration - p.p.b.

+ < 0.20	o 0.20- 0.30	○ 0.40- 0.40	⊙ 0.70- 1.30	● 4.90- 6.60
x 0.20- 0.20	o 0.30- 0.30	○ 0.40- 0.50	⊙ 1.30- 2.30	◆ 6.60- 11.50
• 0.20- 0.20	○ 0.30- 0.40	⊙ 0.50- 0.70	⊙ 2.30- 4.90	★ > 11.50



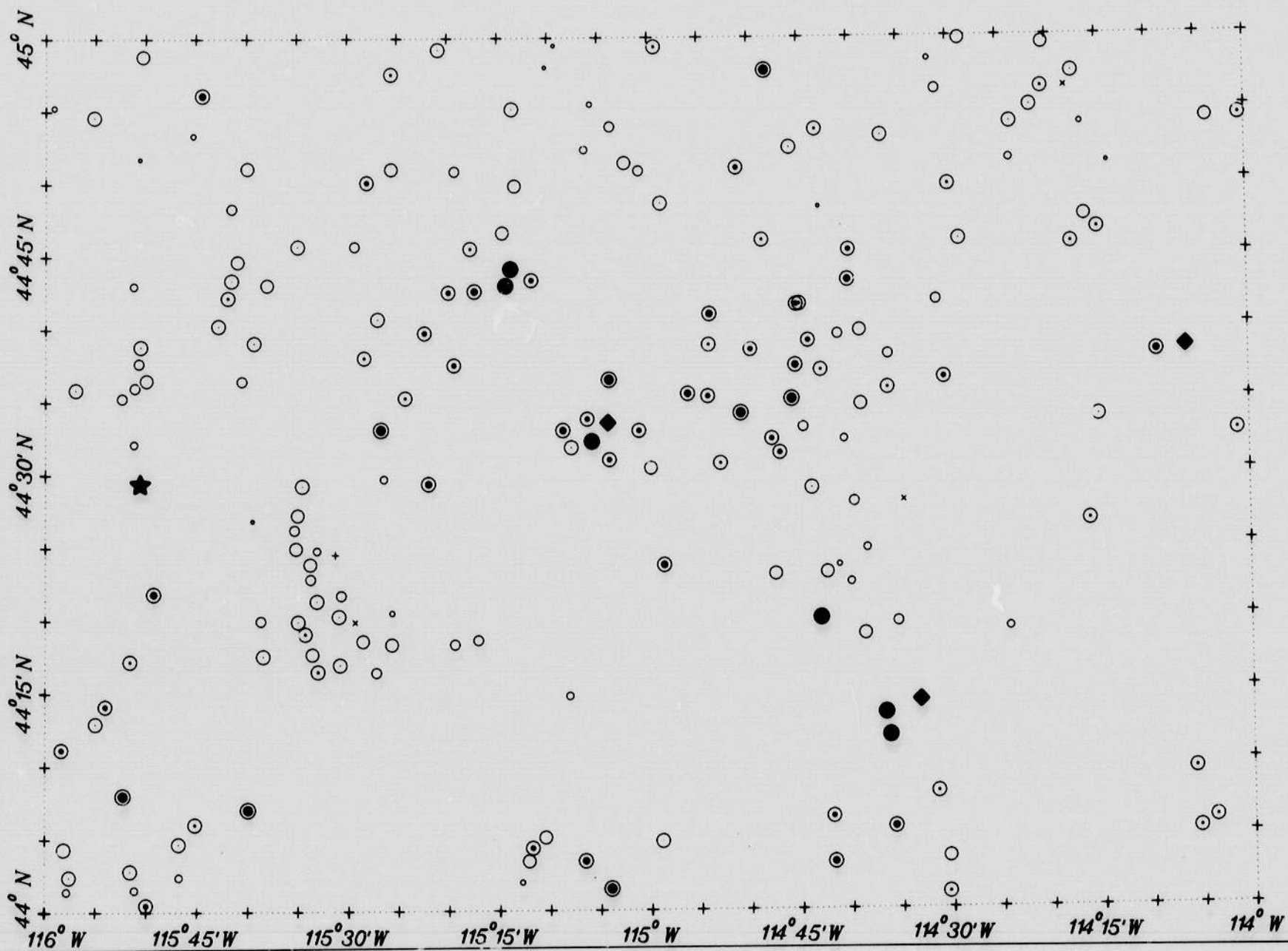
Histogram
206

CHALLIS 1'x2' Sheet
pH Values - Surface Water Sites
Values Above Detection Limits



CHALLIS *1'x2' Sheet*
Uranium In Surface Water
198 Values Above D.L.

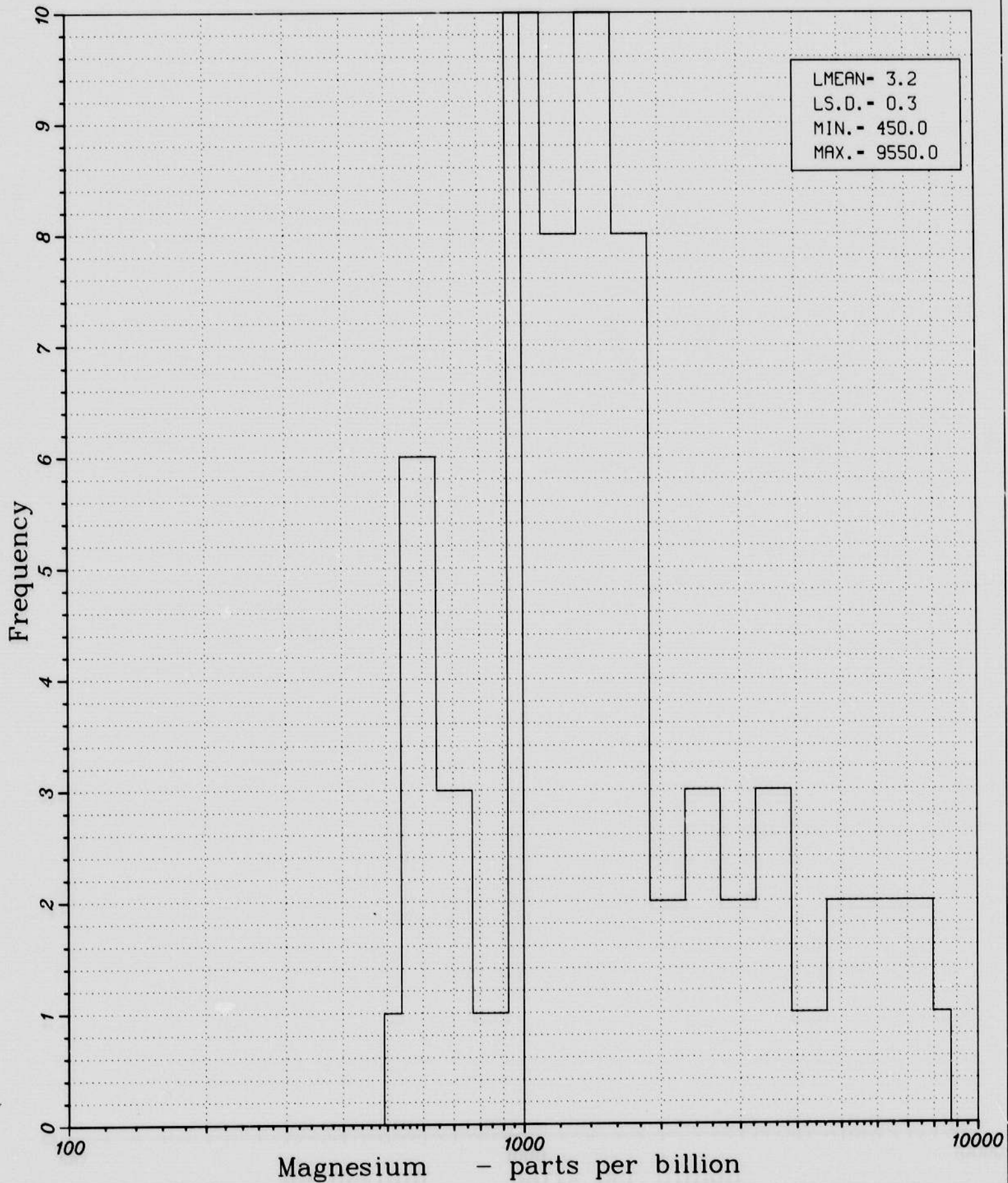
Uranium concentration - p.p.b.				
+ < 0.003	o 0.026- 0.038	○ 0.110- 0.188	⊙ 0.569- 0.886	● 1.290- 1.837
x 0.003- 0.011	o 0.038- 0.053	○ 0.198- 0.322	⊙ 0.886- 1.126	◆ 1.837- 2.753
• 0.011- 0.026	○ 0.053- 0.110	⊙ 0.322- 0.569	⊙ 1.126- 1.290	★ > 2.753



Log Histogram
65

CHALLIS
Magnesium
Values Above
Detection Limits

1'x2' Sheet
Values -Surface Water Sites

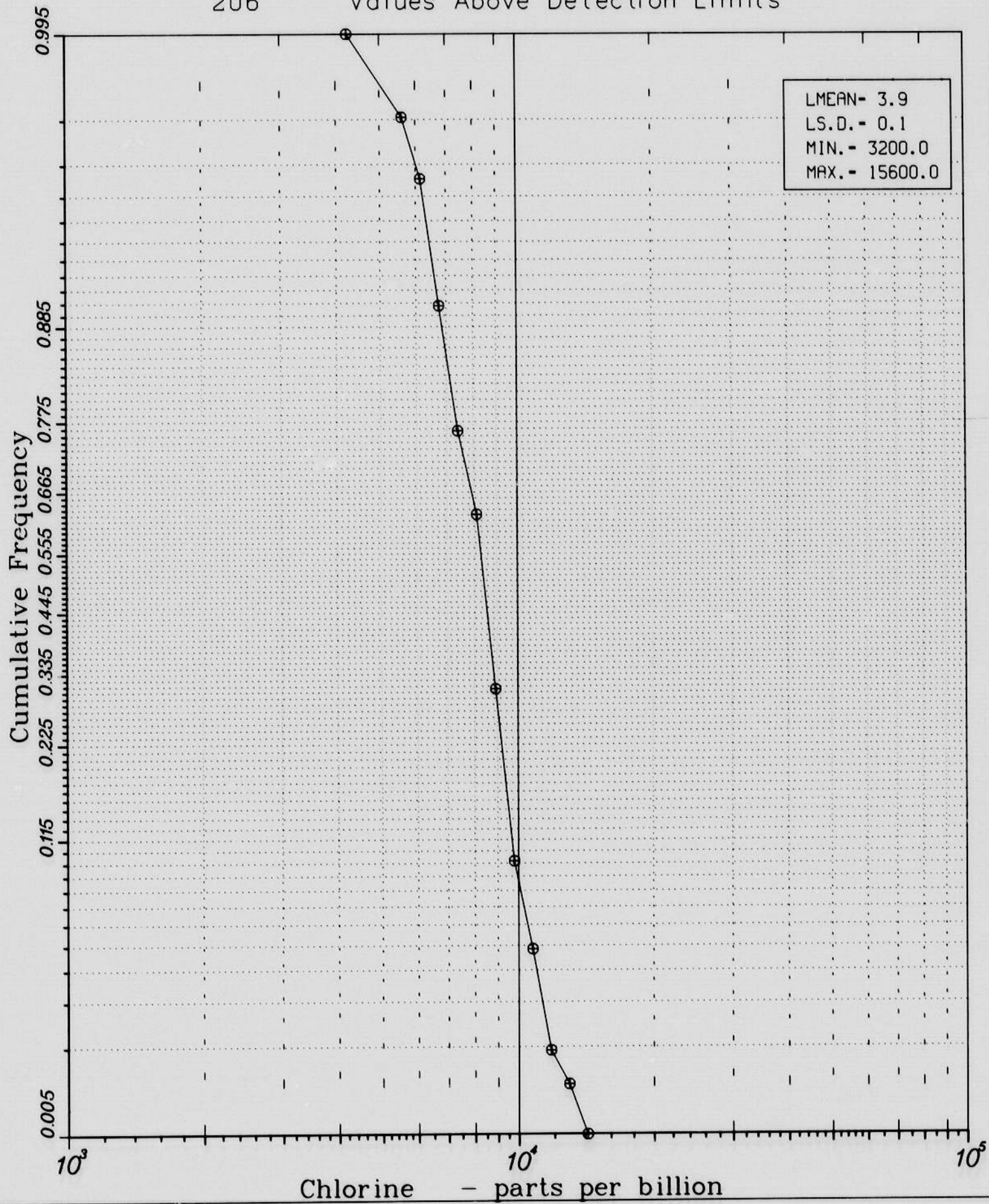


CHALLIS 1x2 Sheet

Log Cumulative Frequency Plot

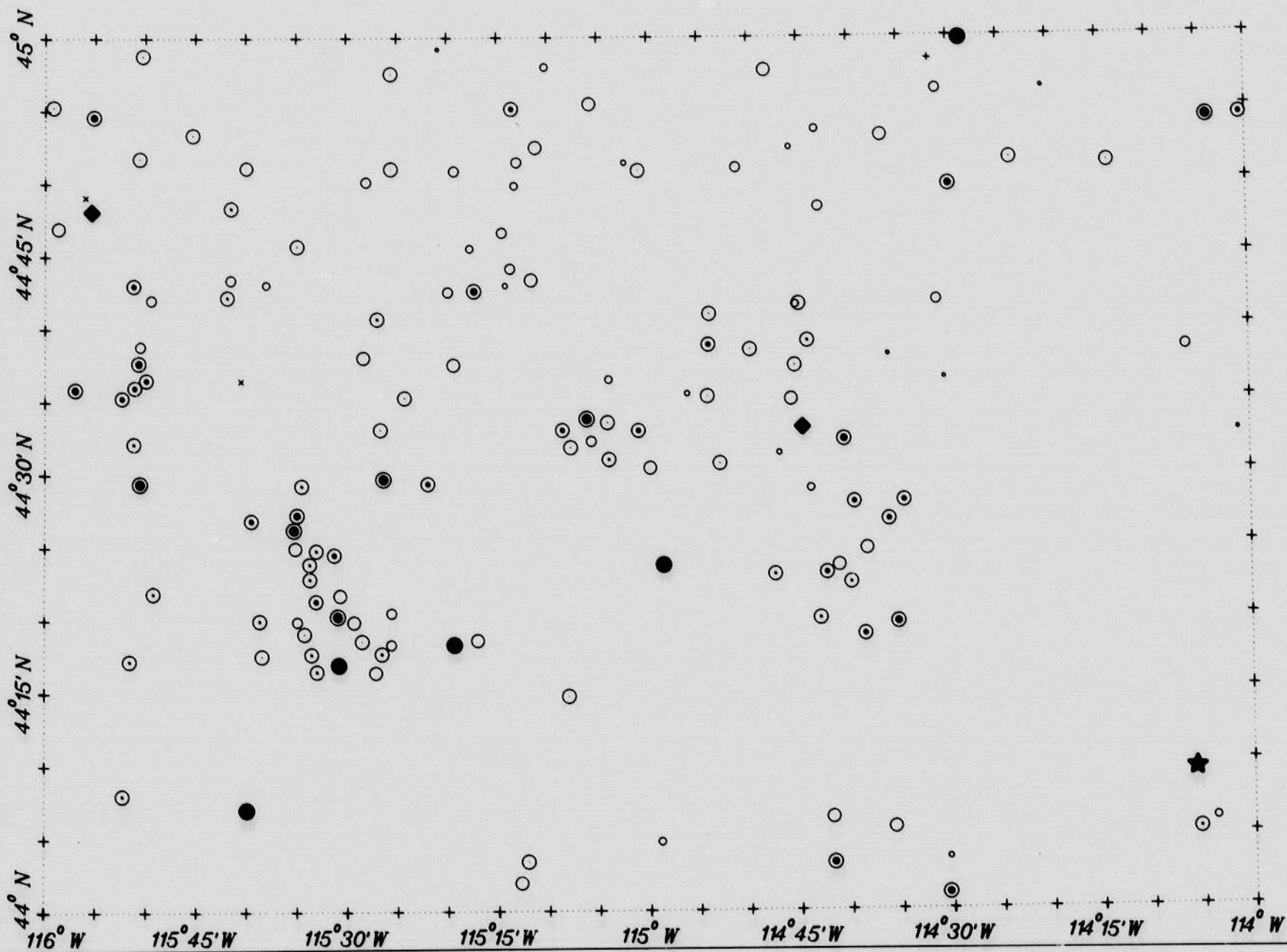
Chlorine Values - Surface Water Sites

206 Values Above Detection Limits



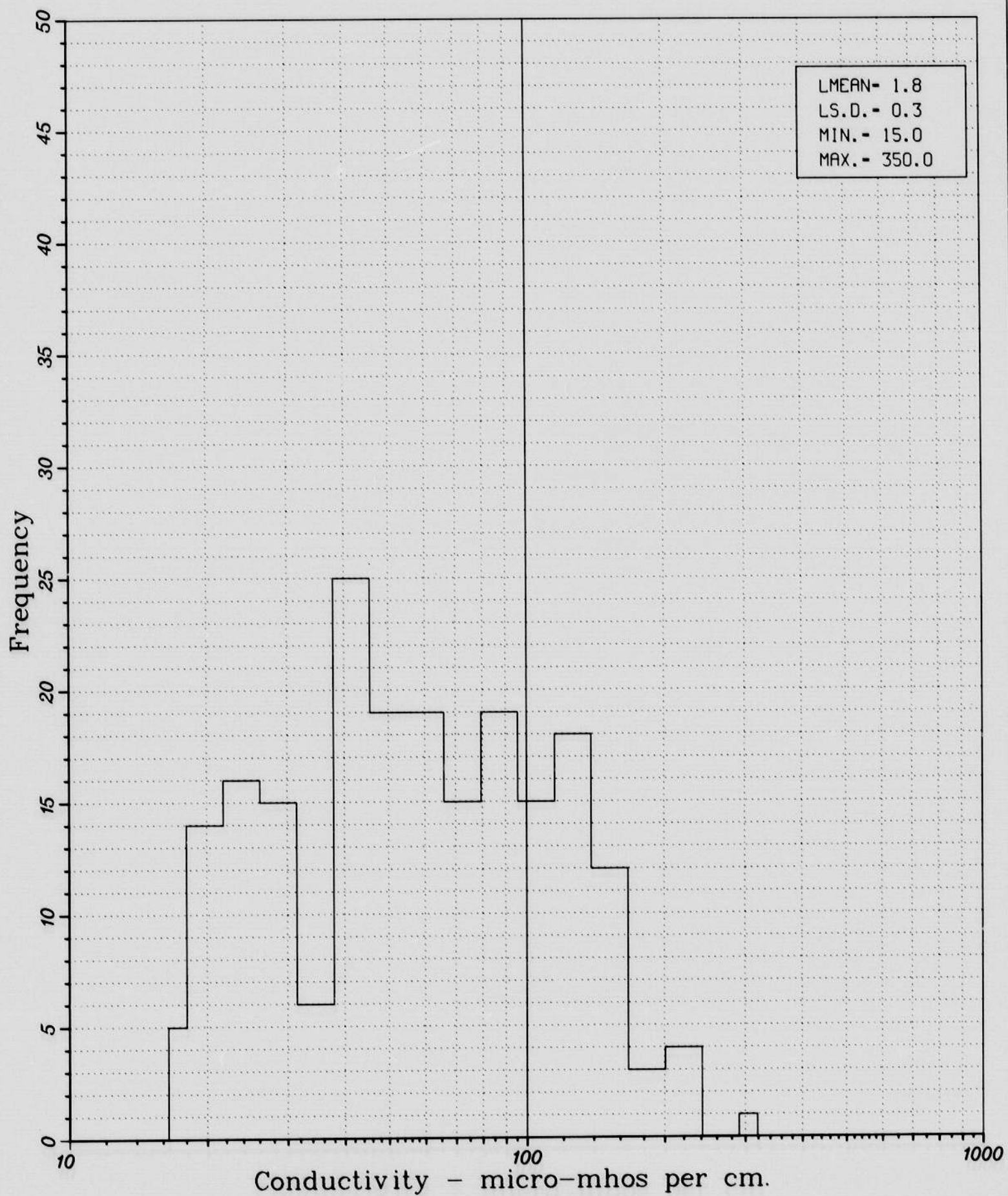
CHALLIS *1x2' Sheet*
Bromine In Surface Water
151 Values Above D.L.

Bromine concentration - p.p.b.				
+ < 1.0	○ 11.6- 24.0	○ 36.9- 43.6	⊙ 51.8- 57.6	● 66.8- 73.5
x 1.0- 5.2	○ 24.0- 30.2	○ 43.6- 48.1	⊙ 57.6- 61.5	◆ 73.5- 78.9
• 5.2- 11.6	○ 30.2- 36.9	⊙ 48.1- 51.8	⊙ 61.5- 66.8	★ > 78.9



Log Histogram
206

CHALLIS 1'x2' Sheet
Conductivity Values - Surface Water Sites
Values Above Detection Limits



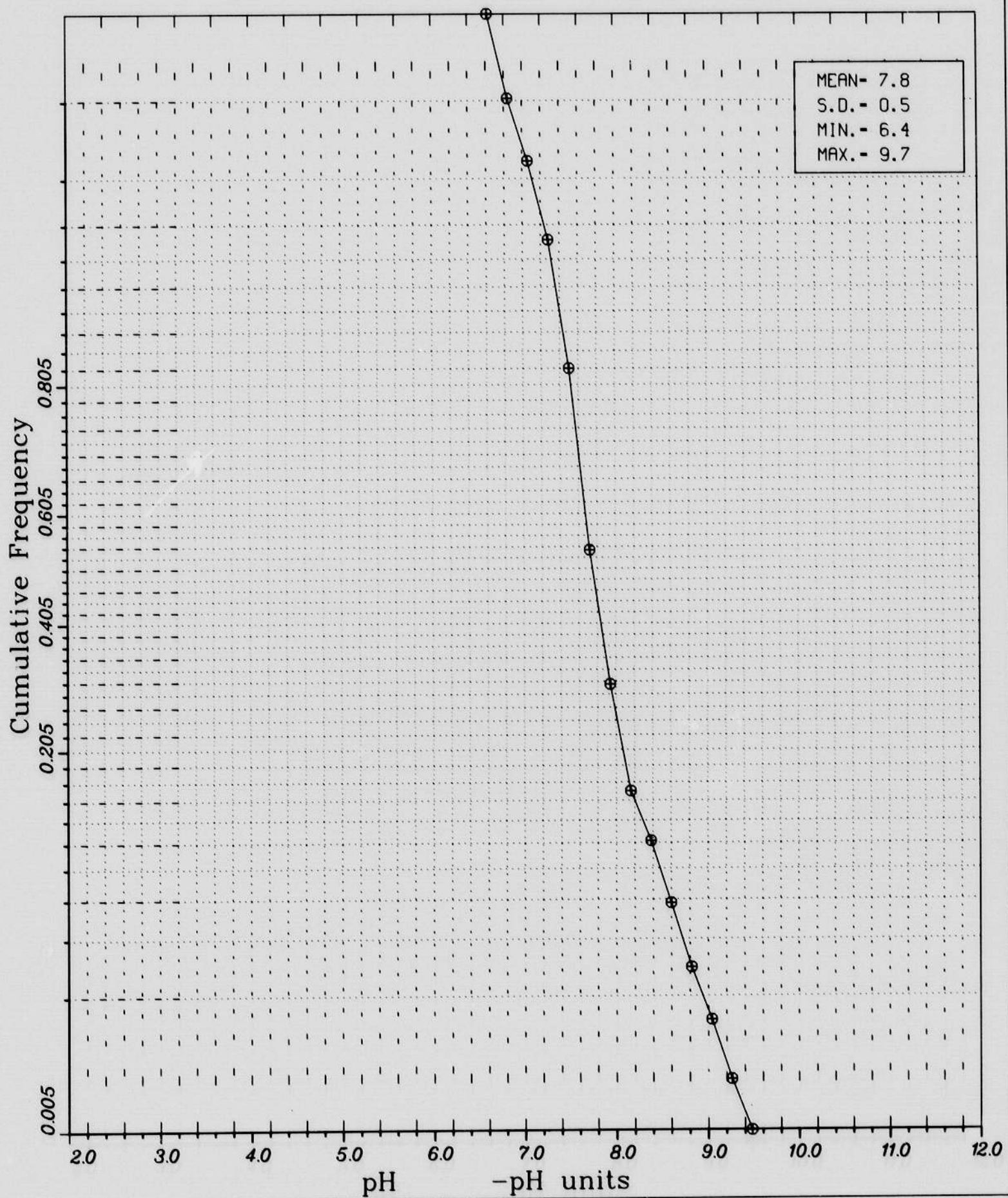
CHALLIS 1'x2' Sheet

Cumulative Frequency Plot

pH Values - Surface Water Sites

206

Values Above Detection Limits

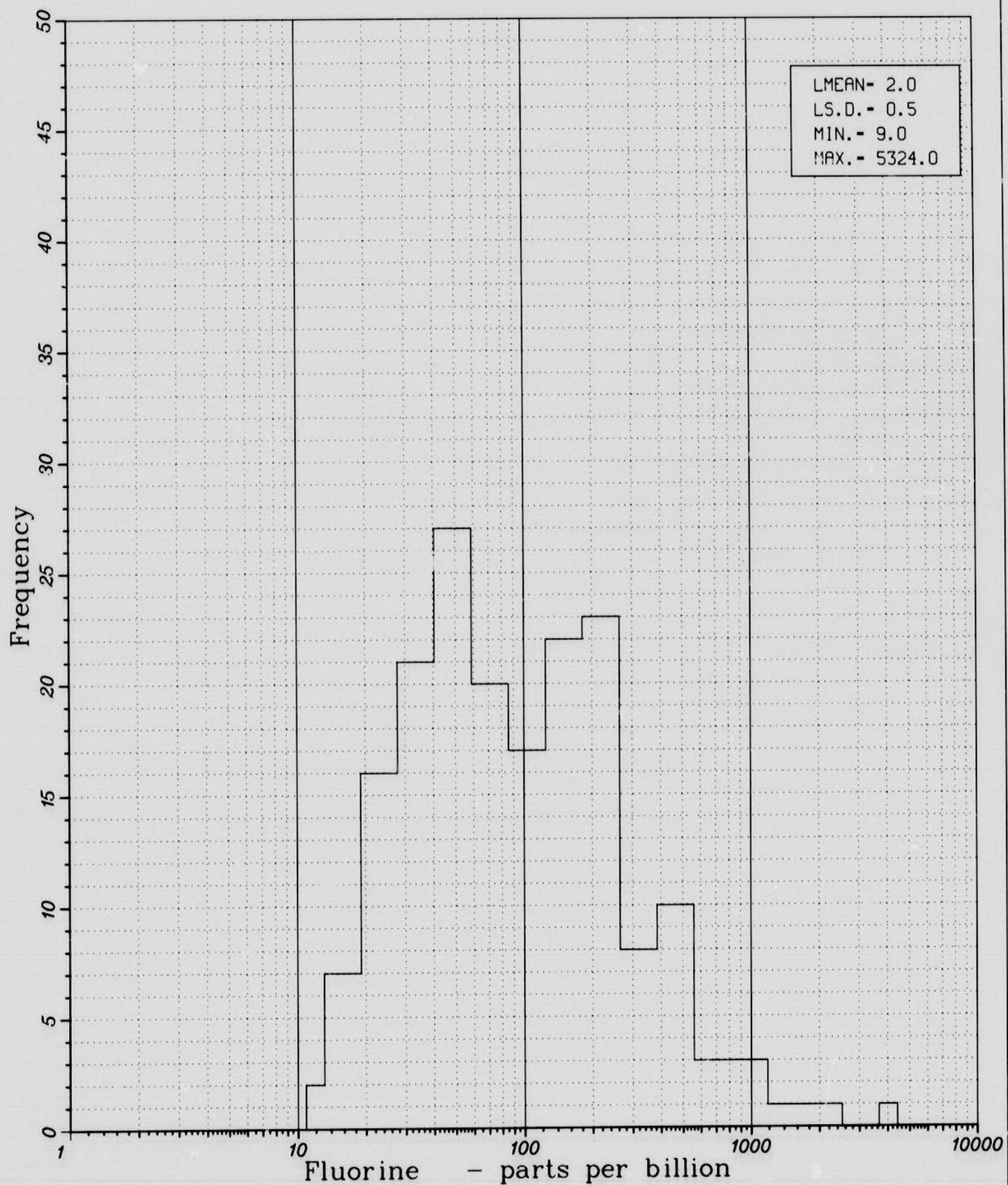


Log Histogram
182

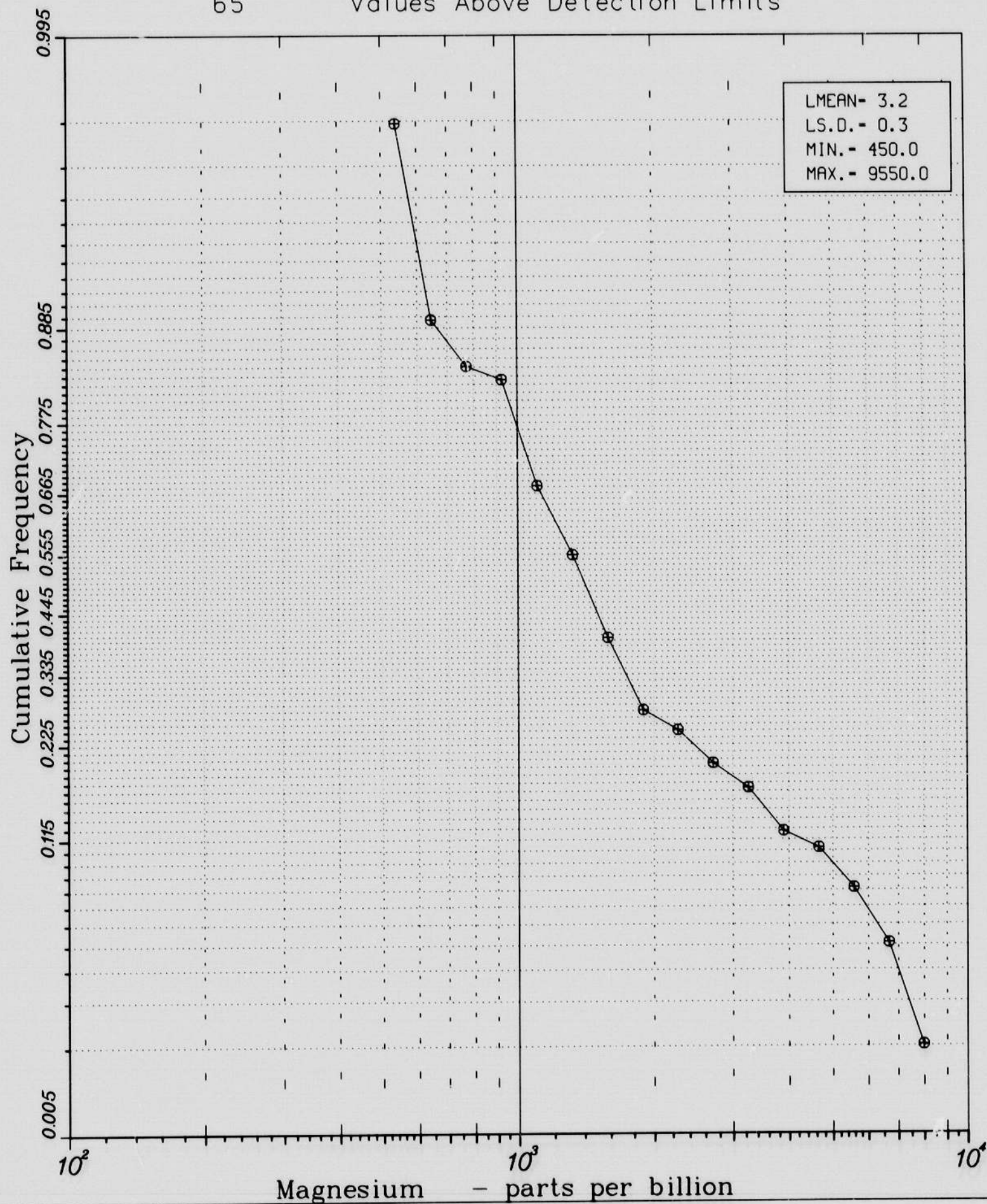
CHALLIS

1x2 Sheet

Fluorine Values - Surface Water Sites
Values Above Detection Limits

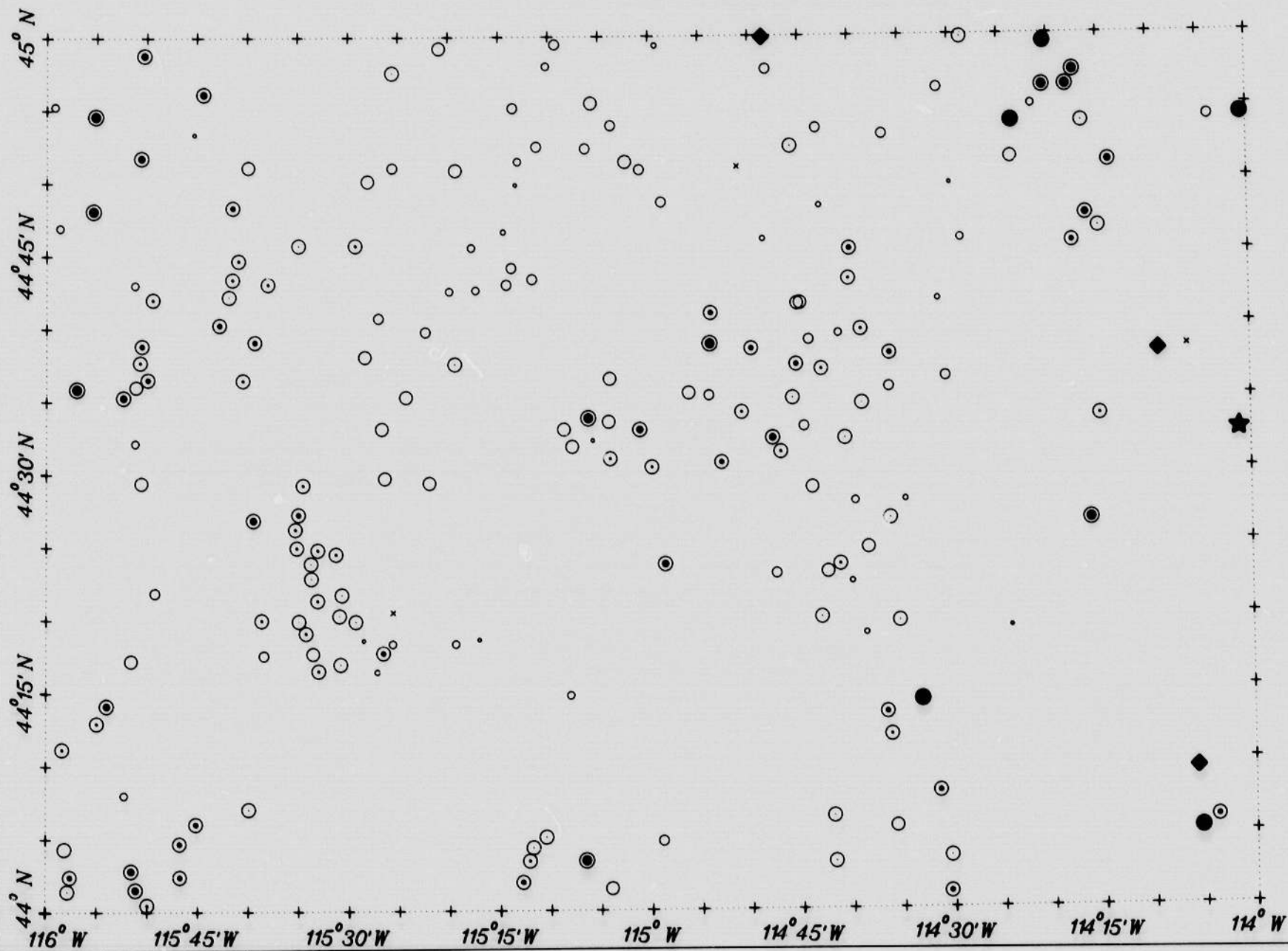
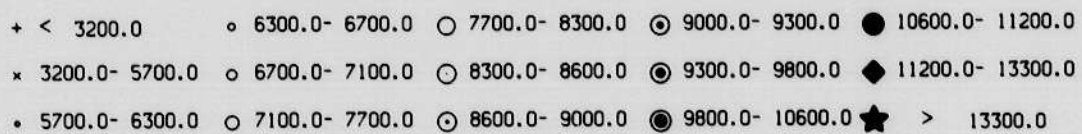


CHALLIS 1'x2' Sheet
Log Cumulative Frequency Plot
Magnesium Values - Surface Water Sites
65 Values Above Detection Limits



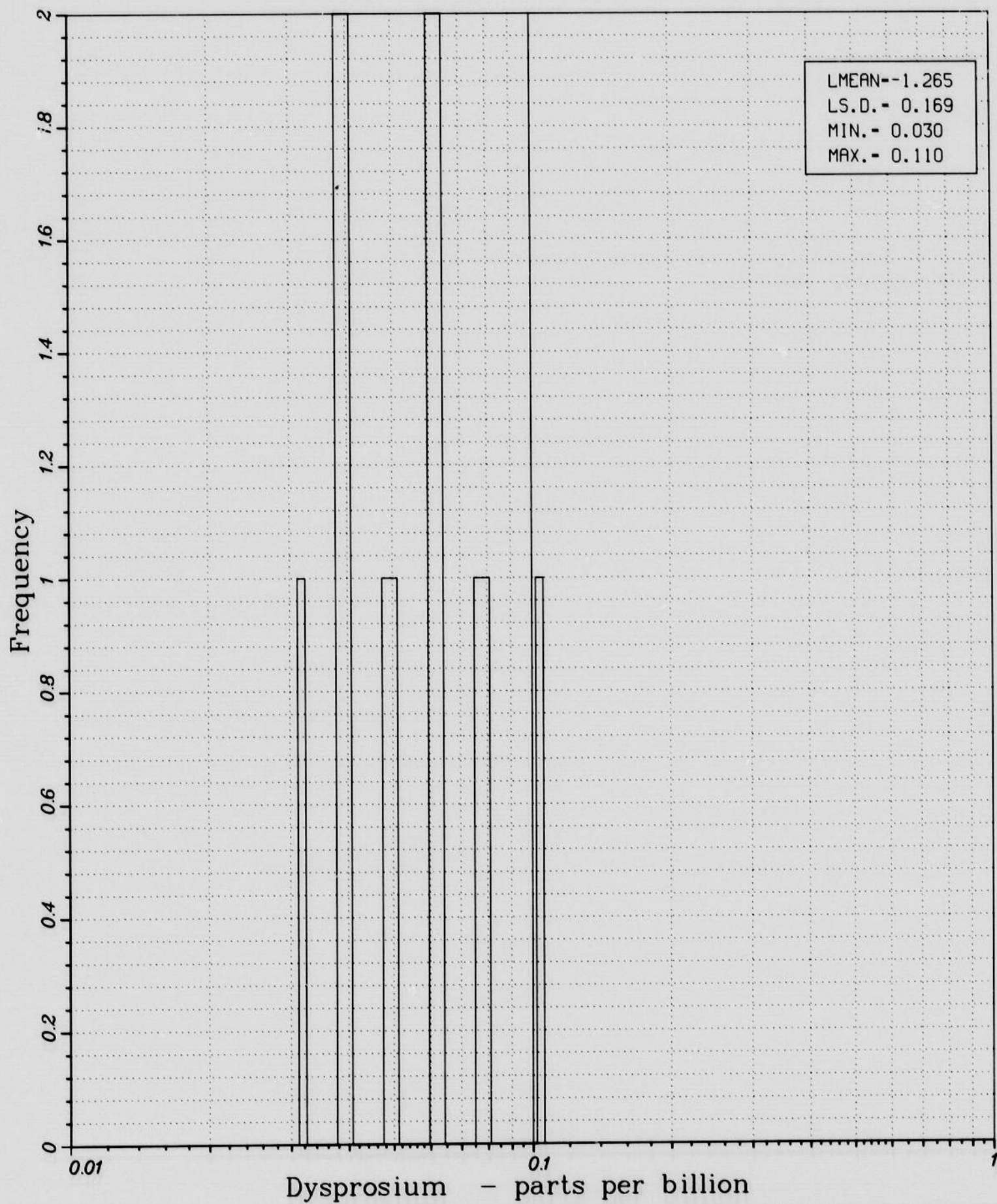
CHALLIS *1x2° Sheet*
Chlorine In Surface Water
206 Values Above D.L.

Chlorine concentration - p.p.b.



Log Histogram
8

CHALLIS 1x2 Sheet
Dysprosium Values - Surface Water Sites
Values Above Detection Limits

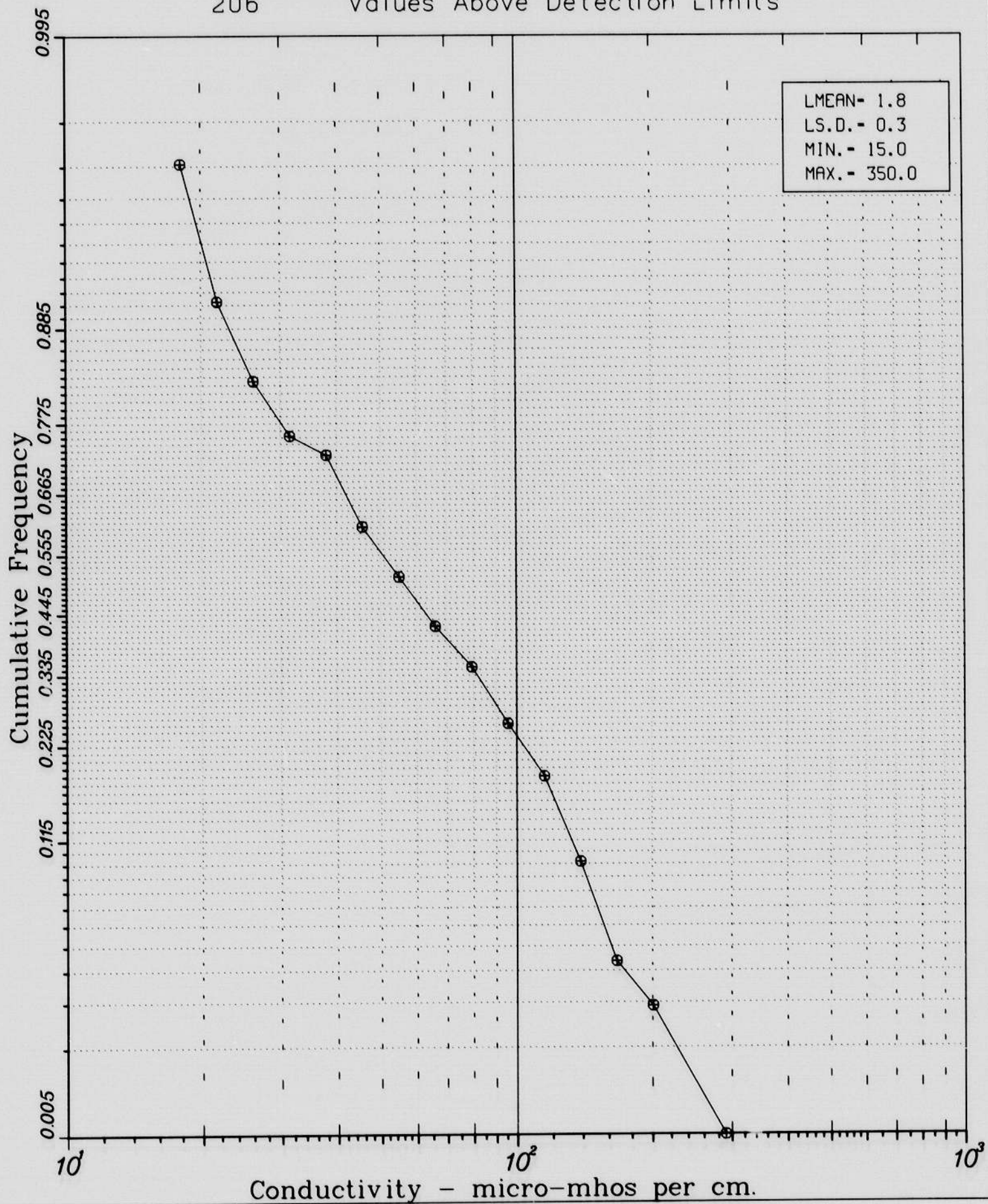


CHALLIS 1'x2' Sheet

Log Cumulative Frequency Plot

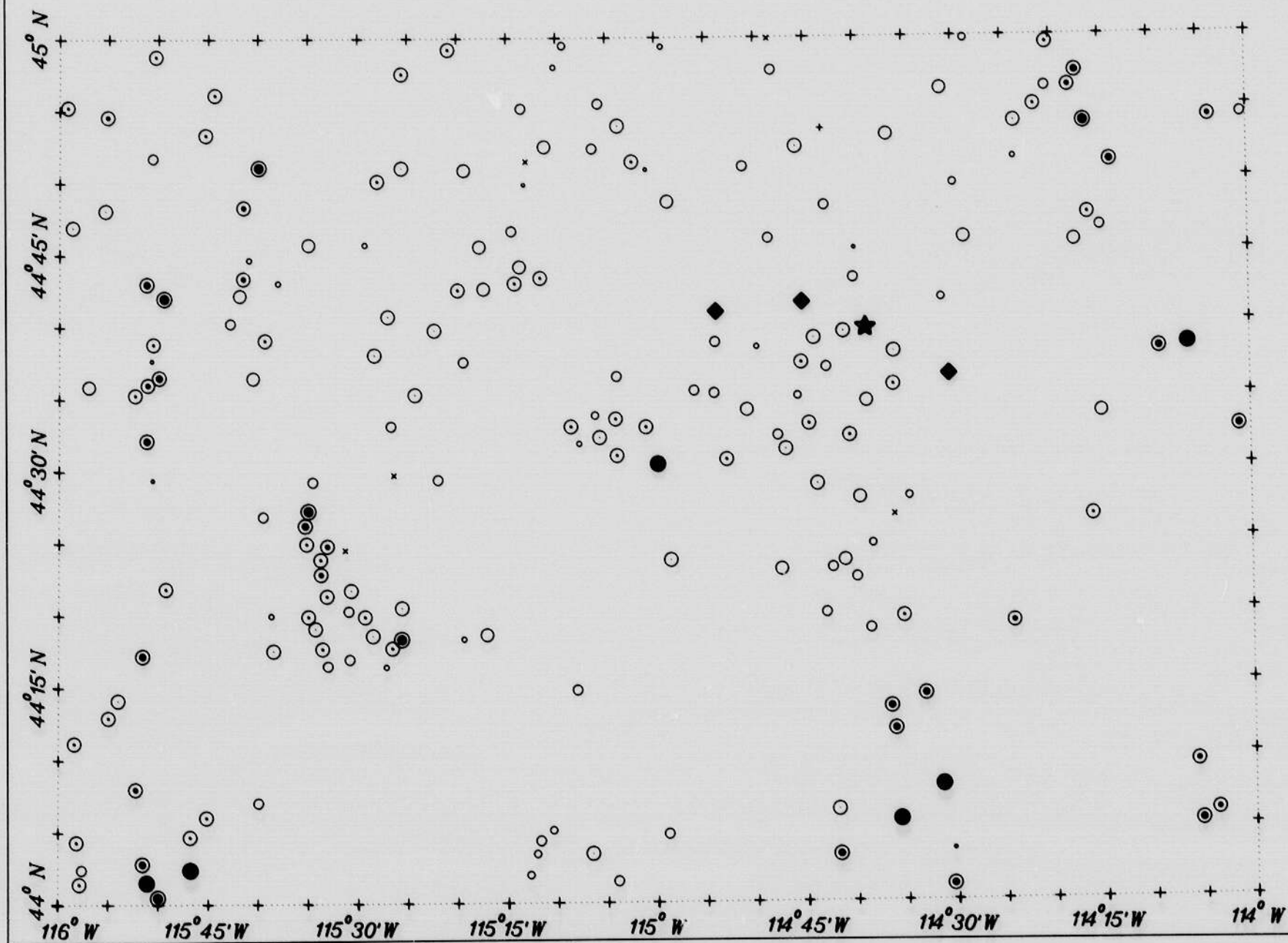
Conductivity Values - Surface Water Sites

206 Values Above Detection Limits



CHALLIS *1x2° Sheet*
pH In Surface Water
206 Values Above D.L.

pH		-pH units		
+ < 6.4	○ 7.2- 7.3	○ 7.6- 7.7	⊙ 8.0- 8.1	● 8.6- 9.0
x 6.4- 7.0	○ 7.3- 7.4	○ 7.7- 7.8	⊙ 8.1- 8.4	◆ 9.0- 9.4
• 7.0- 7.2	○ 7.4- 7.6	○ 7.8- 8.0	⊙ 8.4- 8.6	★ > 9.4

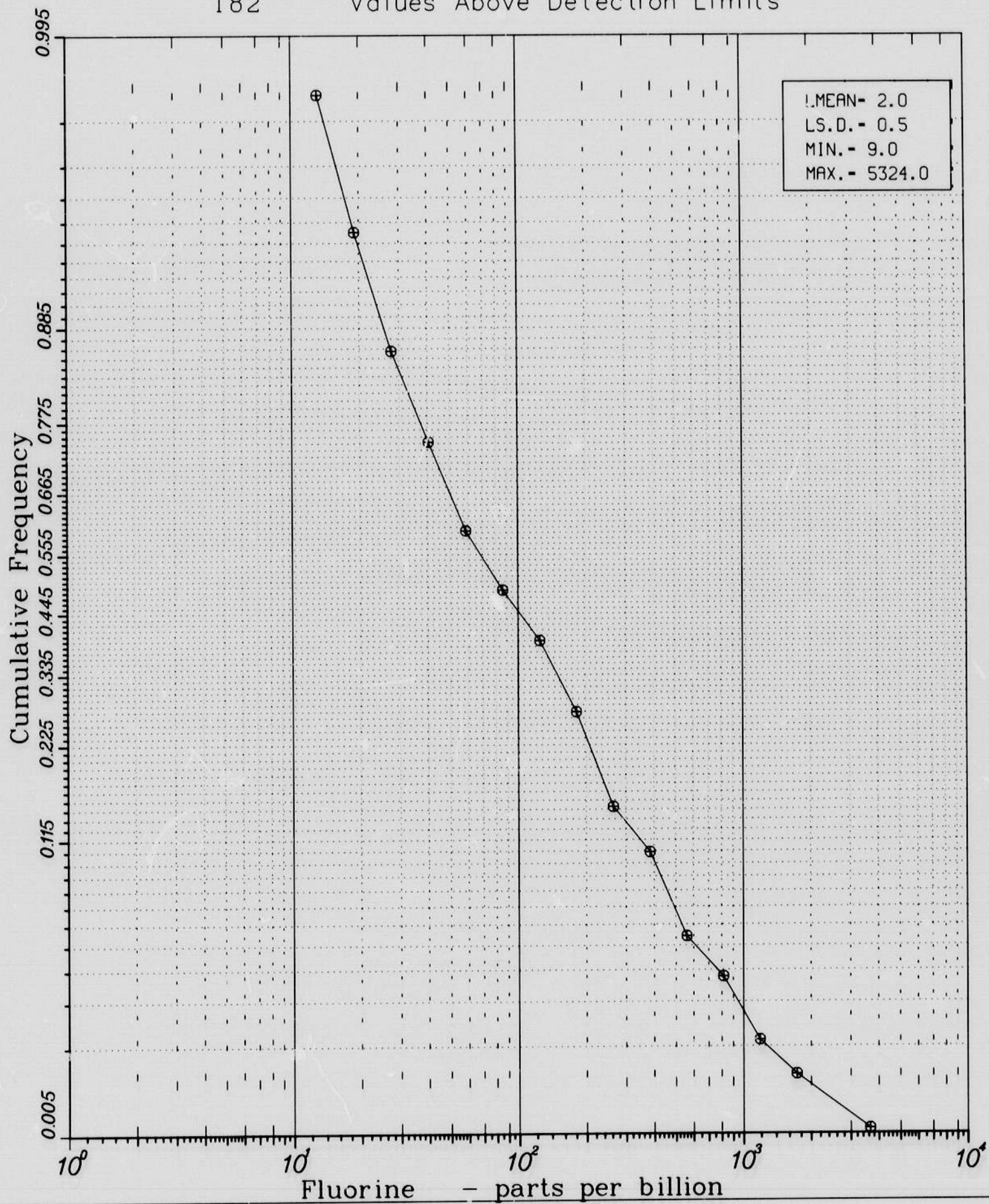


CHALLIS 1'x2' Sheet

Log Cumulative Frequency Plot

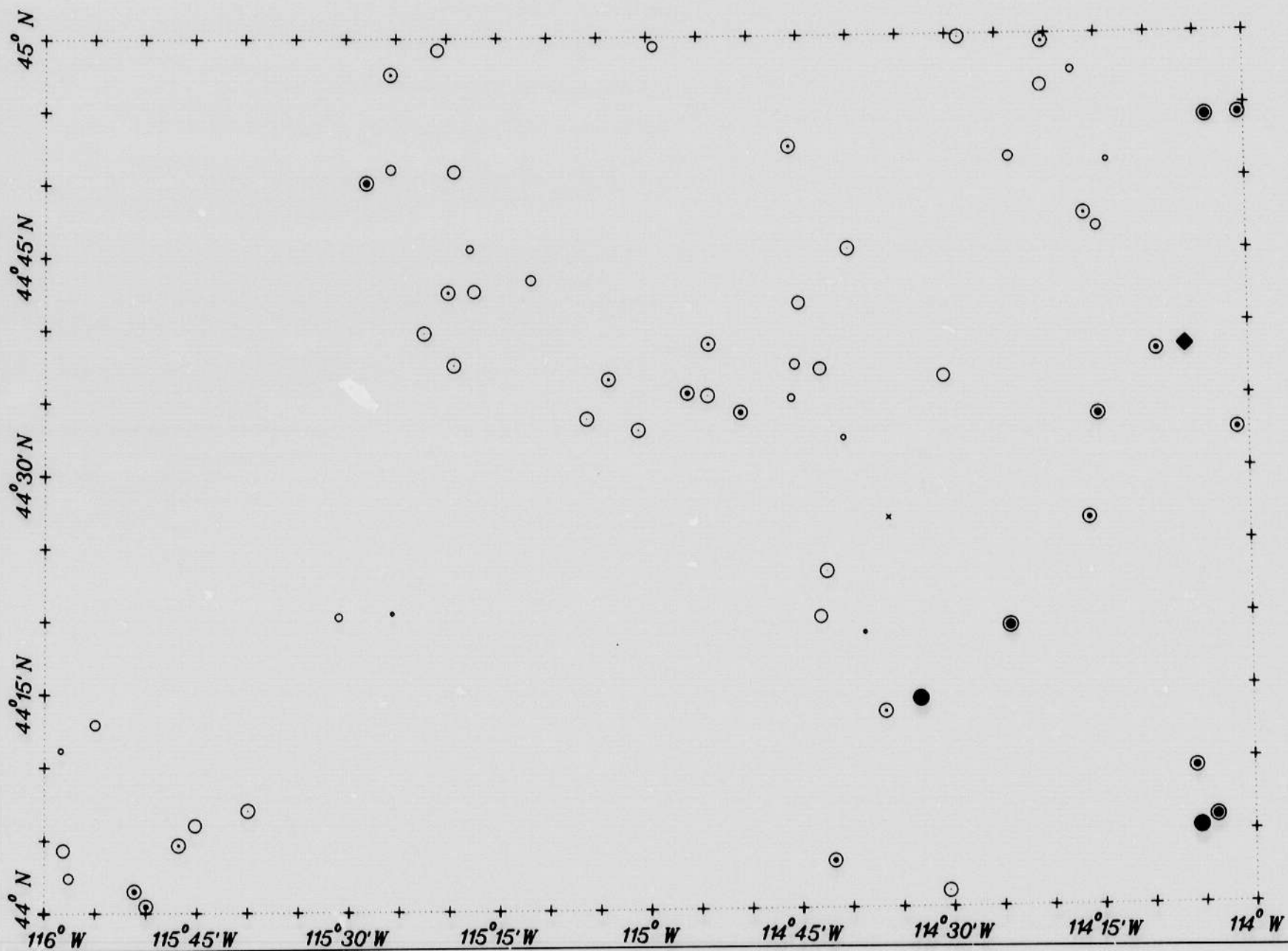
Fluorine Values - Surface Water Sites

182 Values Above Detection Limits



CHALLIS *1x2° Sheet*
Magnesium In Surface Water
65 Values Above D.L.

Magnesium concentration - p.p.b.				
+ < 450.0	○ 590.0- 620.0	○ 1020.0- 1290.0	⊙ 1850.0- 3310.0	● 6070.0- 7580.0
x 450.0- 450.0	○ 620.0- 700.0	○ 1290.0- 1570.0	⊙ 3310.0- 4750.0	◆ 7580.0- 9550.0
• 450.0- 590.0	○ 700.0- 1020.0	⊙ 1570.0- 1850.0	⊙ 4750.0- 6070.0	★ > 9550.0



Log Histogram
101

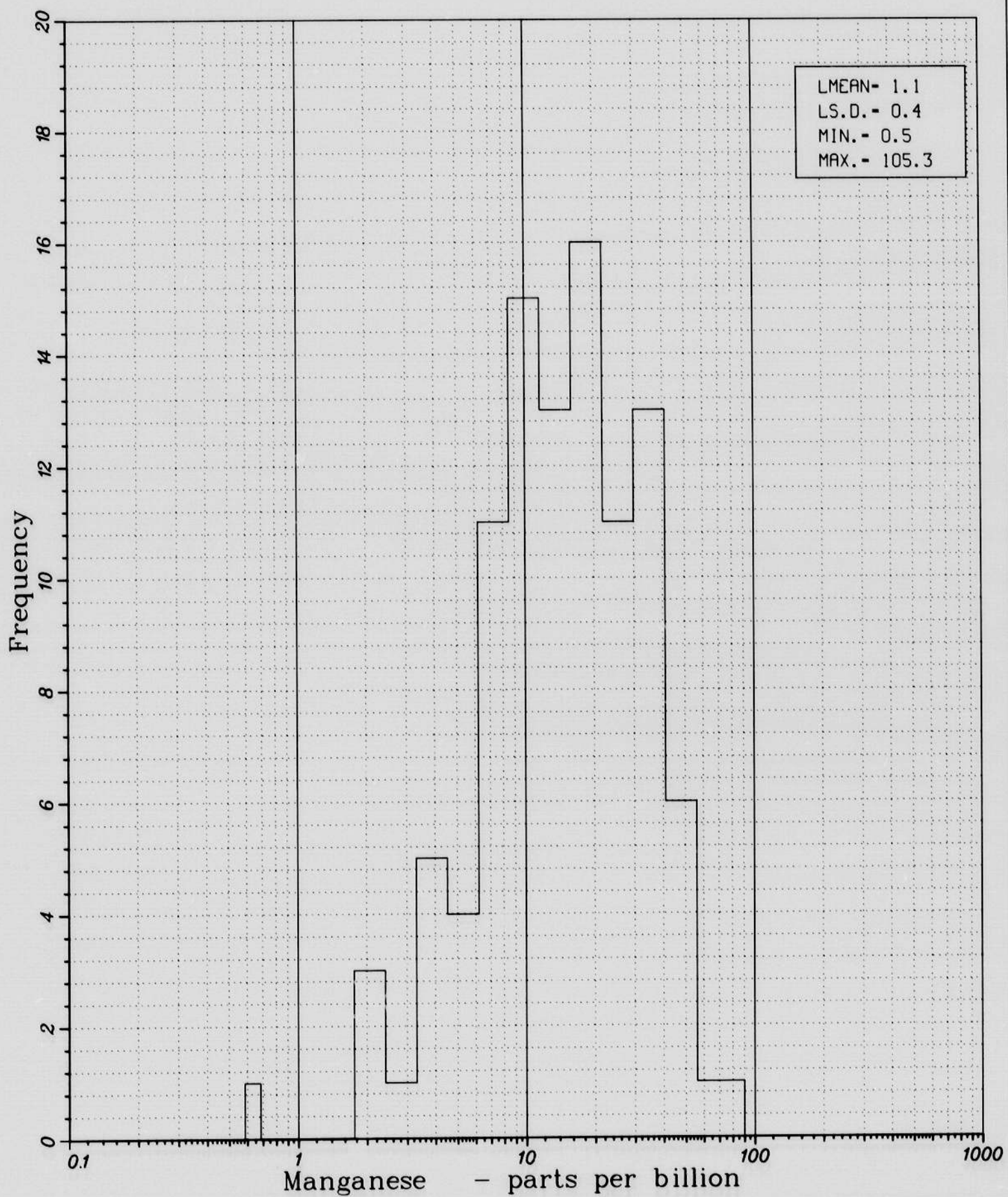
CHALLIS

1'x2' Sheet

Manganese

Values - Surface Water Sites

Values Above Detection Limits

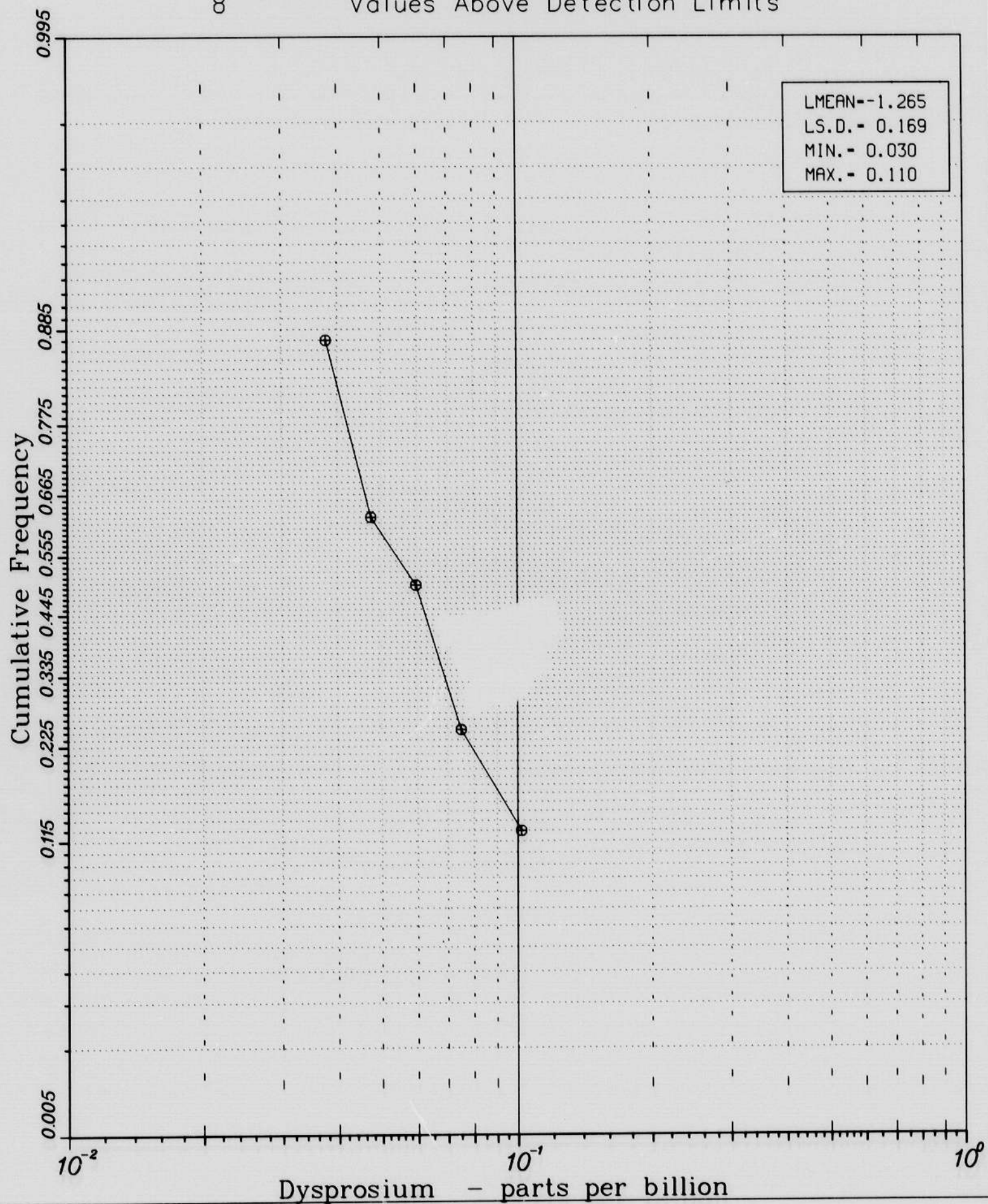


CHALLIS 1'x2' Sheet

Log Cumulative Frequency Plot

Dysprosium Values - Surface Water Sites

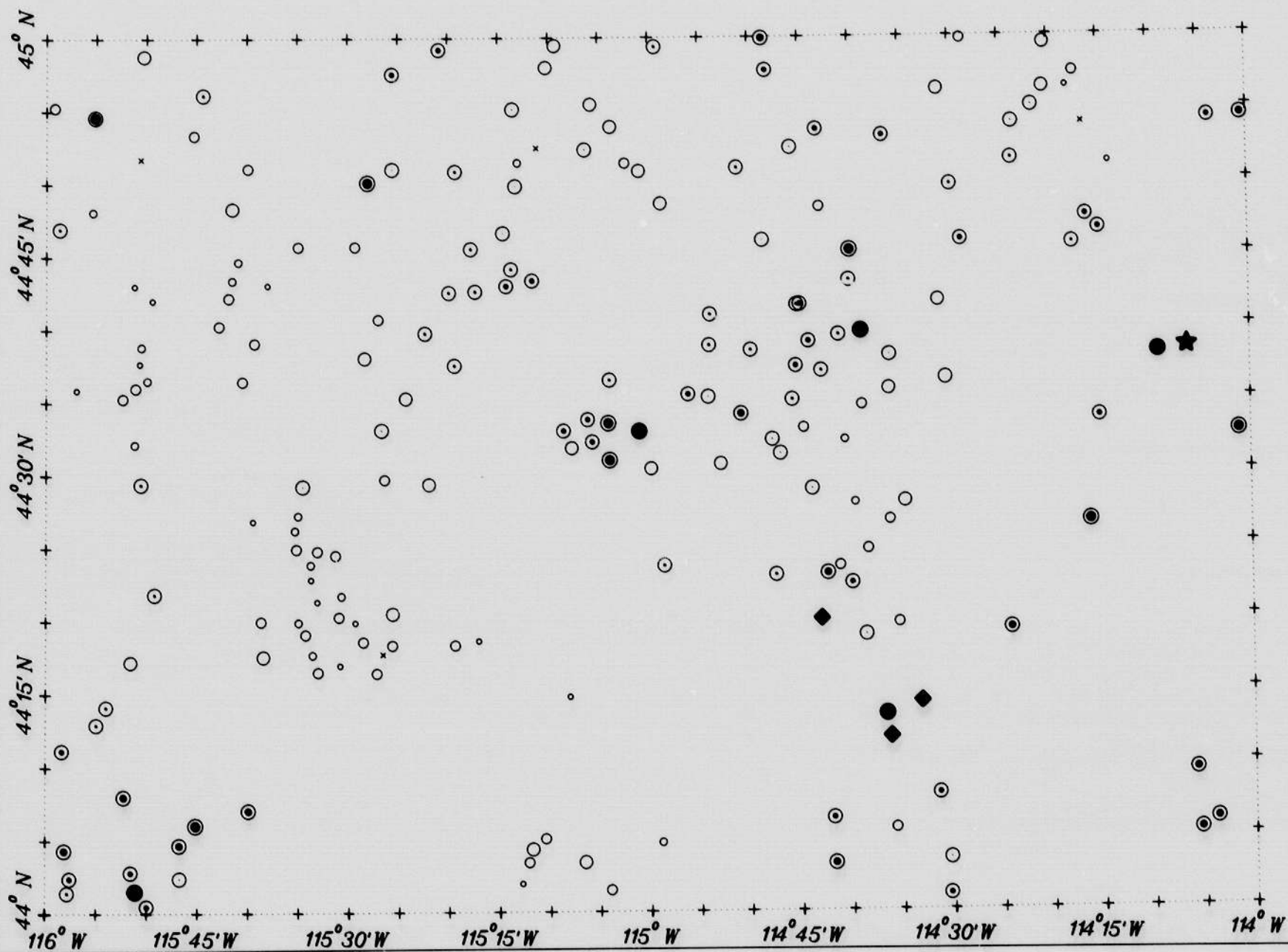
8 Values Above Detection Limits



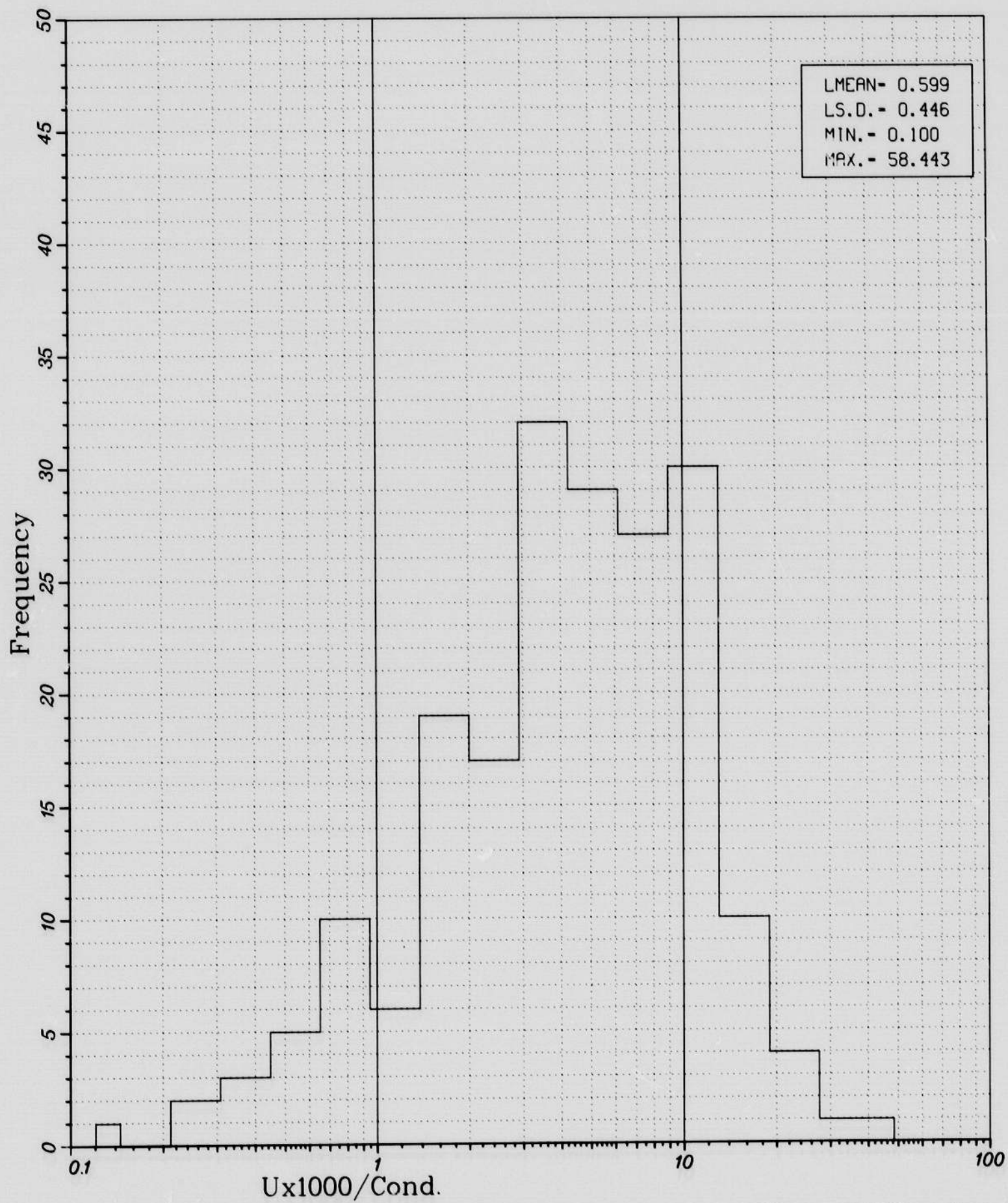
CHALLIS *1x2° Sheet*
Conductivity In Surface Water
206 **Values Above D.L.**

Conductivity - micro-mhos per cm.

+ < 15.0	○ 20.0- 20.0	○ 40.0- 50.0	⊙ 90.0- 120.0	● 160.0- 210.0
x 15.0- 15.0	○ 20.0- 25.0	○ 50.0- 65.0	⊙ 120.0- 140.0	◆ 210.0- 230.0
• 15.0- 20.0	○ 25.0- 40.0	⊙ 65.0- 90.0	⊙ 140.0- 160.0	★ > 230.0



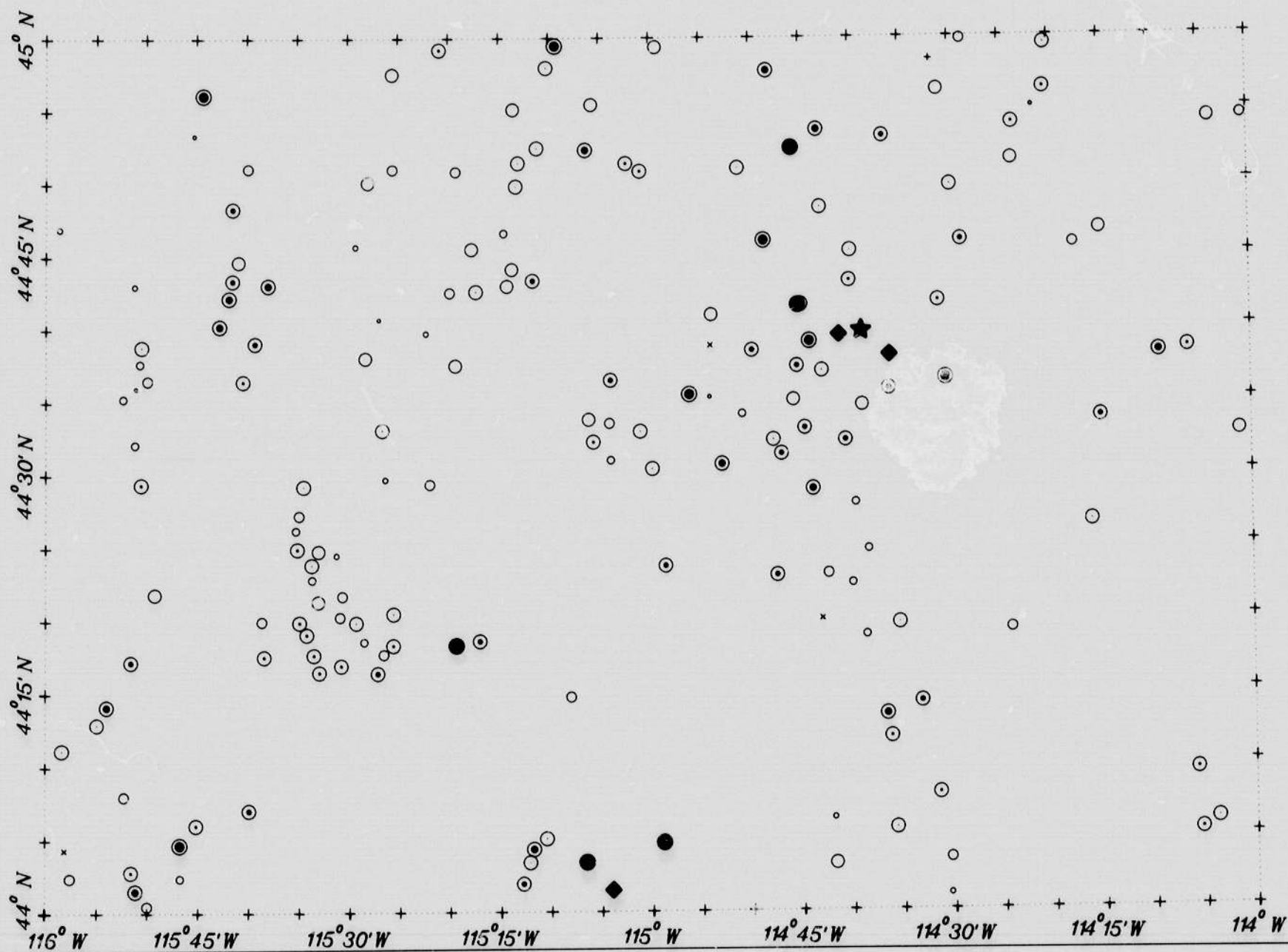
CHALLIS 1x2 Sheet
Log Histogram Ux1000/Cond. Values -Surface Water Sites
197 Values Above Detection Limits



CHALLIS *1x2° Sheet*
Fluorine In Surface Water
182 Values Above D.L.

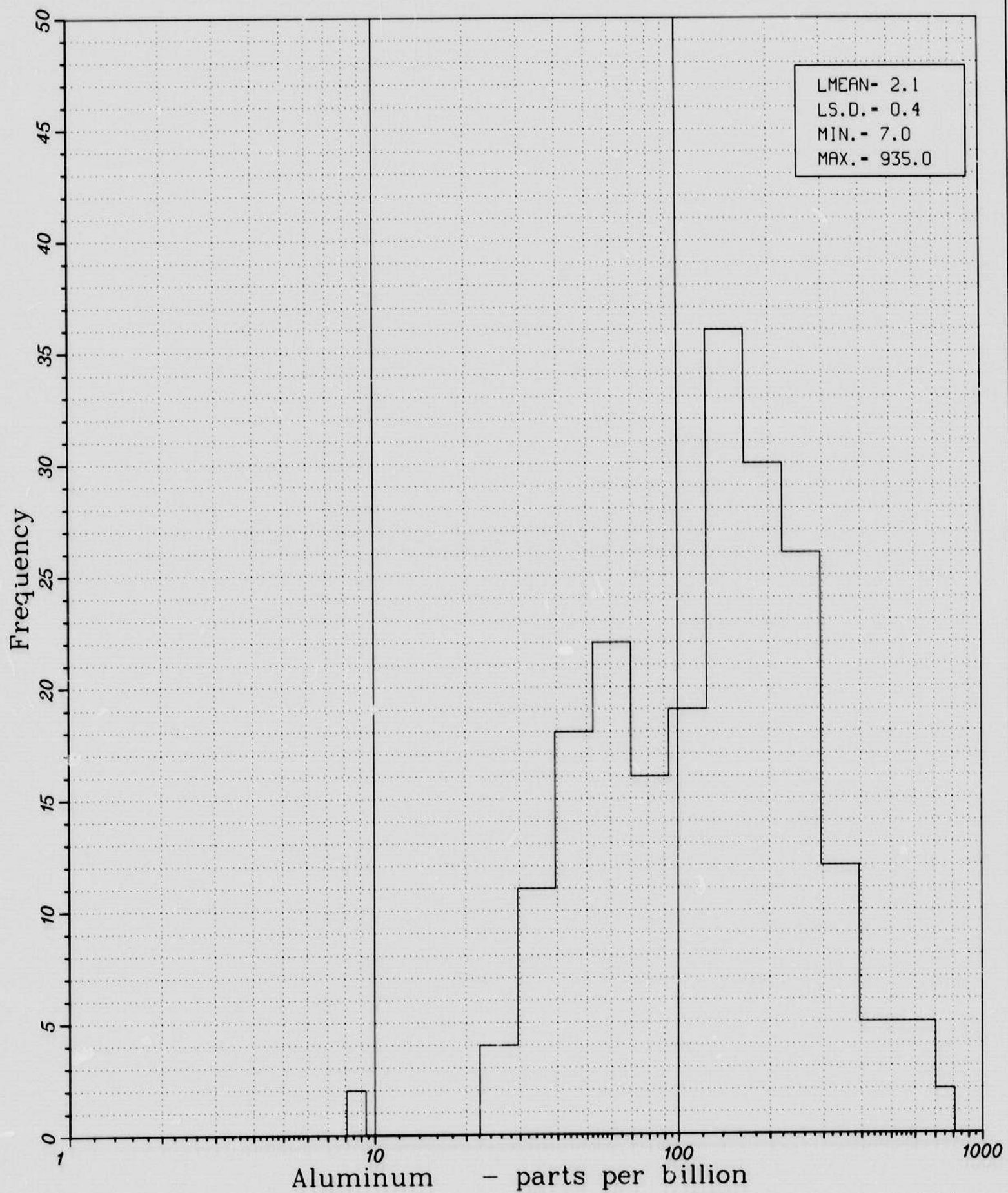
Fluorine concentration - p.p.b.

+ < 9.0	○ 19.0- 23.0	○ 44.0- 66.0	⊙ 175.0- 247.0	● 551.0- 999.0
x 9.0- 16.0	○ 23.0- 31.0	○ 66.0- 114.0	⊙ 247.0- 462.0	◆ 999.0- 1860.0
• 16.0- 19.0	○ 31.0- 44.0	⊙ 114.0- 175.0	⊙ 462.0- 551.0	★ > 1860.0



Log Histogram
208

CHALLIS 1'x2' Sheet
Aluminum Values - Surface Water Sites
Values Above Detection Limits

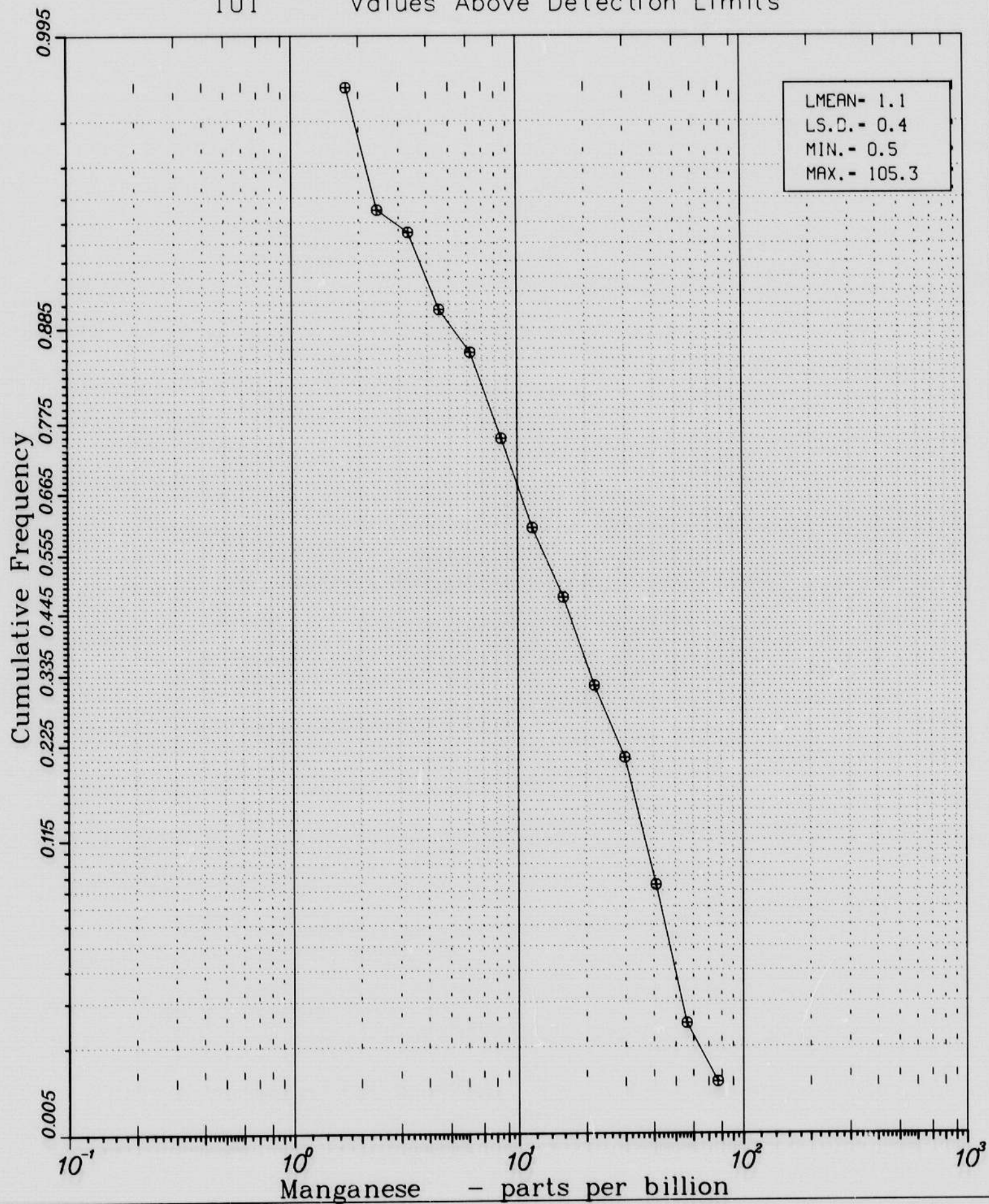


CHALLIS 1°2° Sheet

Log Cumulative Frequency Plot

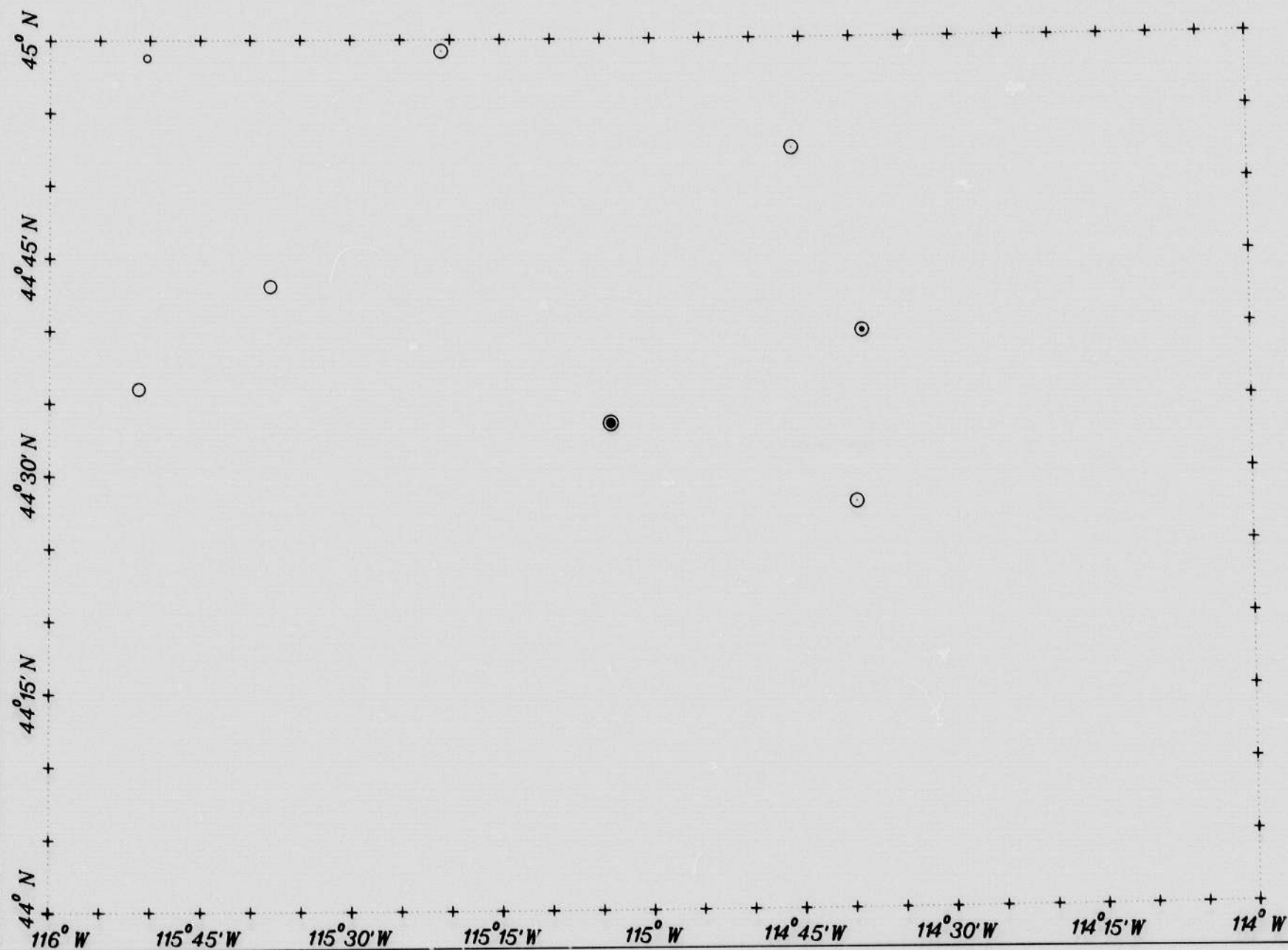
Manganese Values - Surface Water Sites

101 Values Above Detection Limits



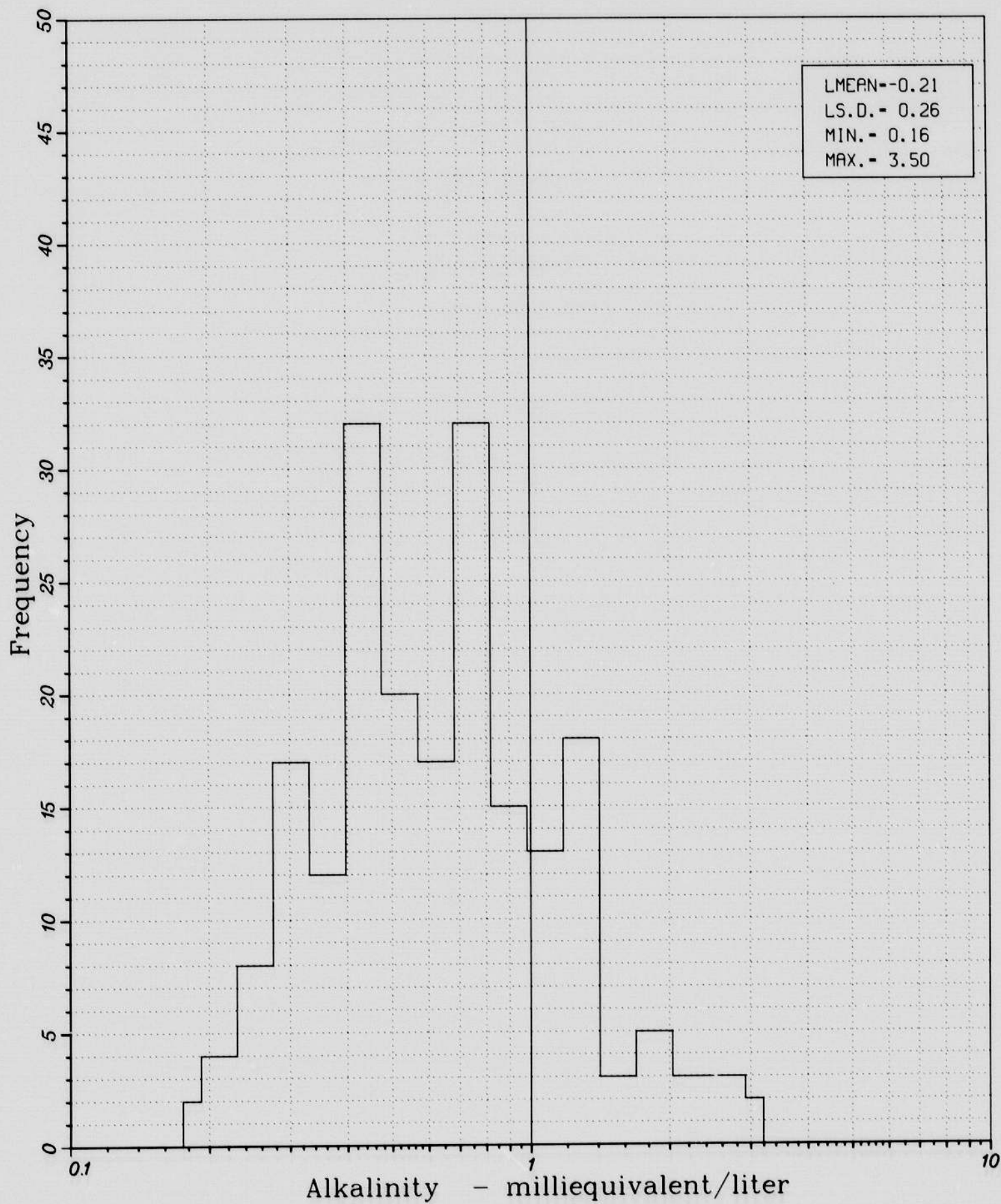
CHALLIS *1x2' Sheet*
Dysprosium In Surface Water
8 Values Above D.L.

Dysprosium concentration - p.p.b.				
+ < 0.030	o 0.030- 0.030	○ 0.040- 0.040	⊙ 0.060- 0.080	● 0.110- 0.110
x 0.030- 0.030	o 0.030- 0.030	○ 0.040- 0.060	⊙ 0.080- 0.080	◆ 0.110- 0.110
• 0.030- 0.030	○ 0.030- 0.040	⊙ 0.060- 0.060	⊙ 0.080- 0.110	★ > 0.110



Log Histogram
206

CHALLIS 1x2 Sheet
Alkalinity Values - Surface Water Sites
Values Above Detection Limits

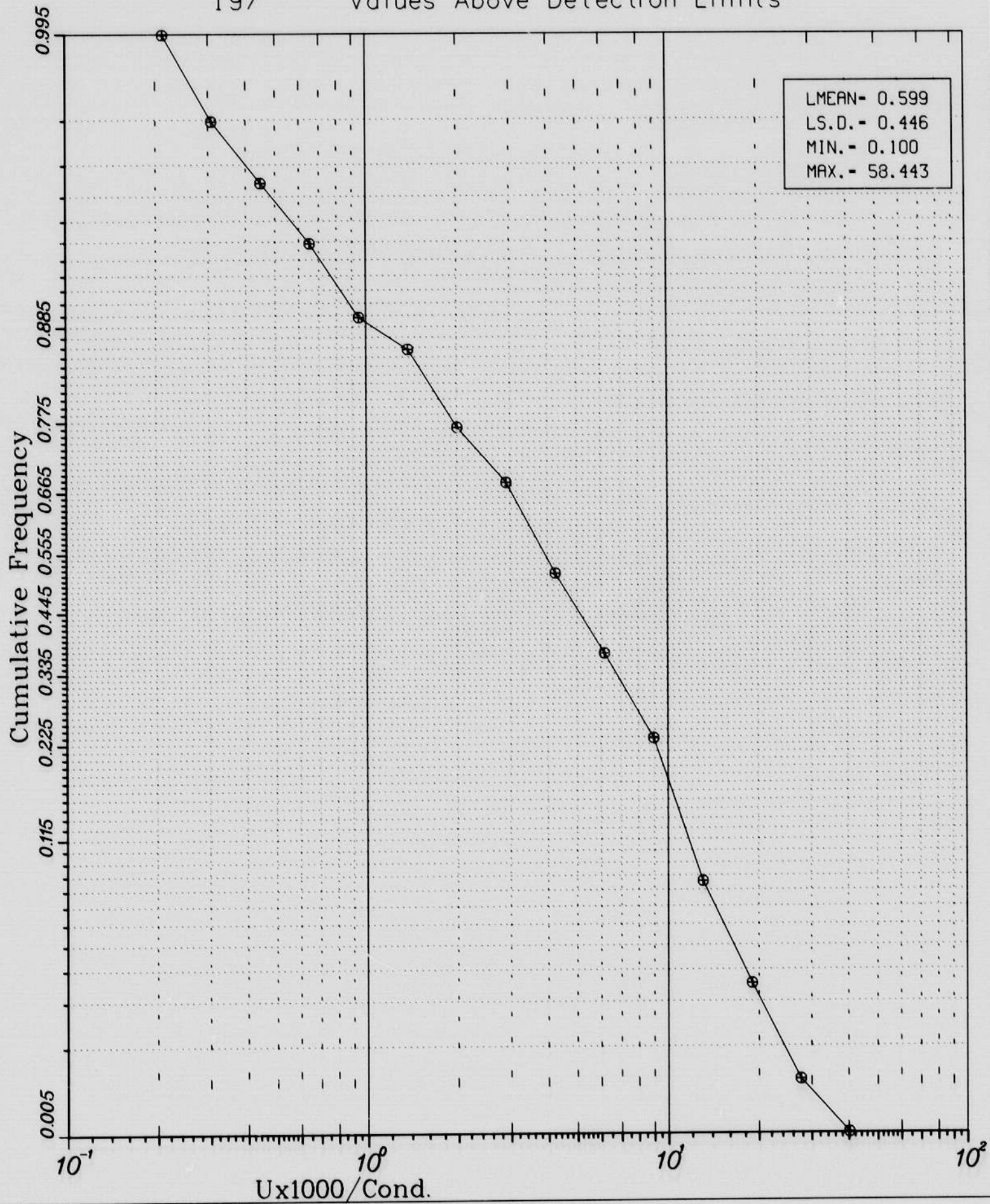


CHALLIS 1'x2' Sheet

Log Cumulative Frequency Plot

Ux1000/Cond. Values - Surface Water Sites

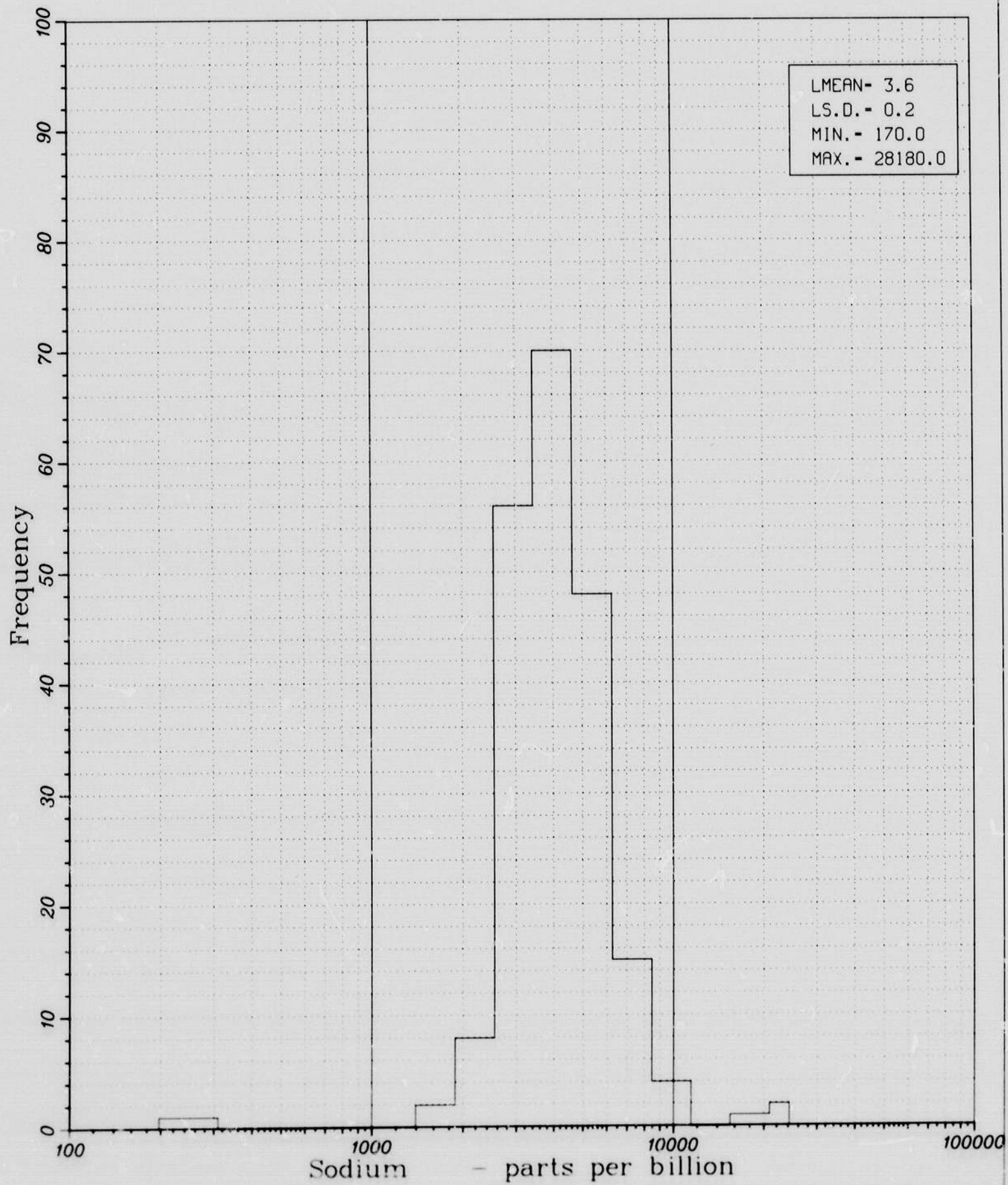
197 Values Above Detection Limits



Log Histogram
208

CHALLIS
Sodium
Values Above Detection Limits

1'x2' Sheet
Values - Surface Water Sites

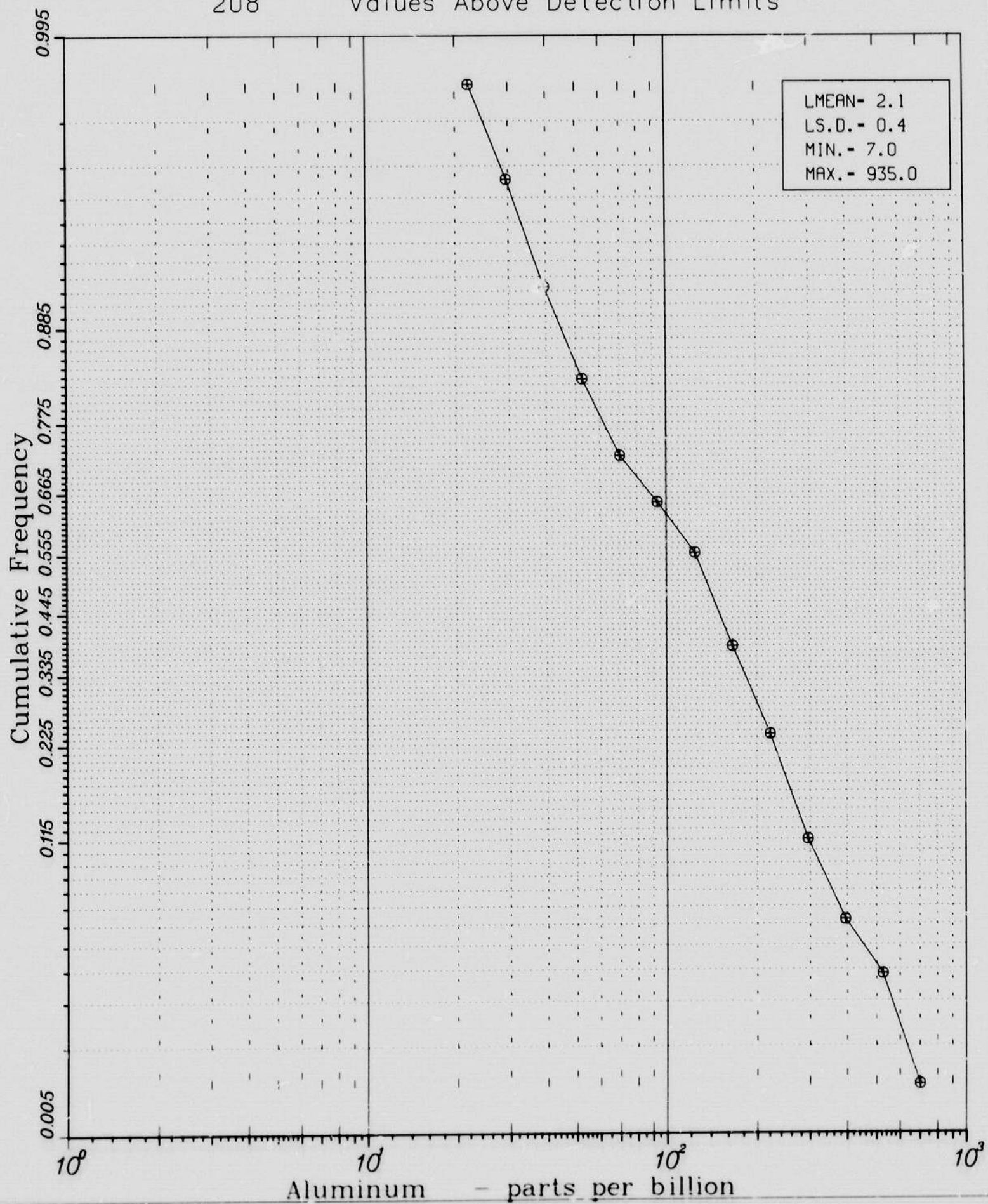


CHALLIS 1x2 Sheet

Log Cumulative Frequency Plot

Aluminum Values - Surface Water Sites

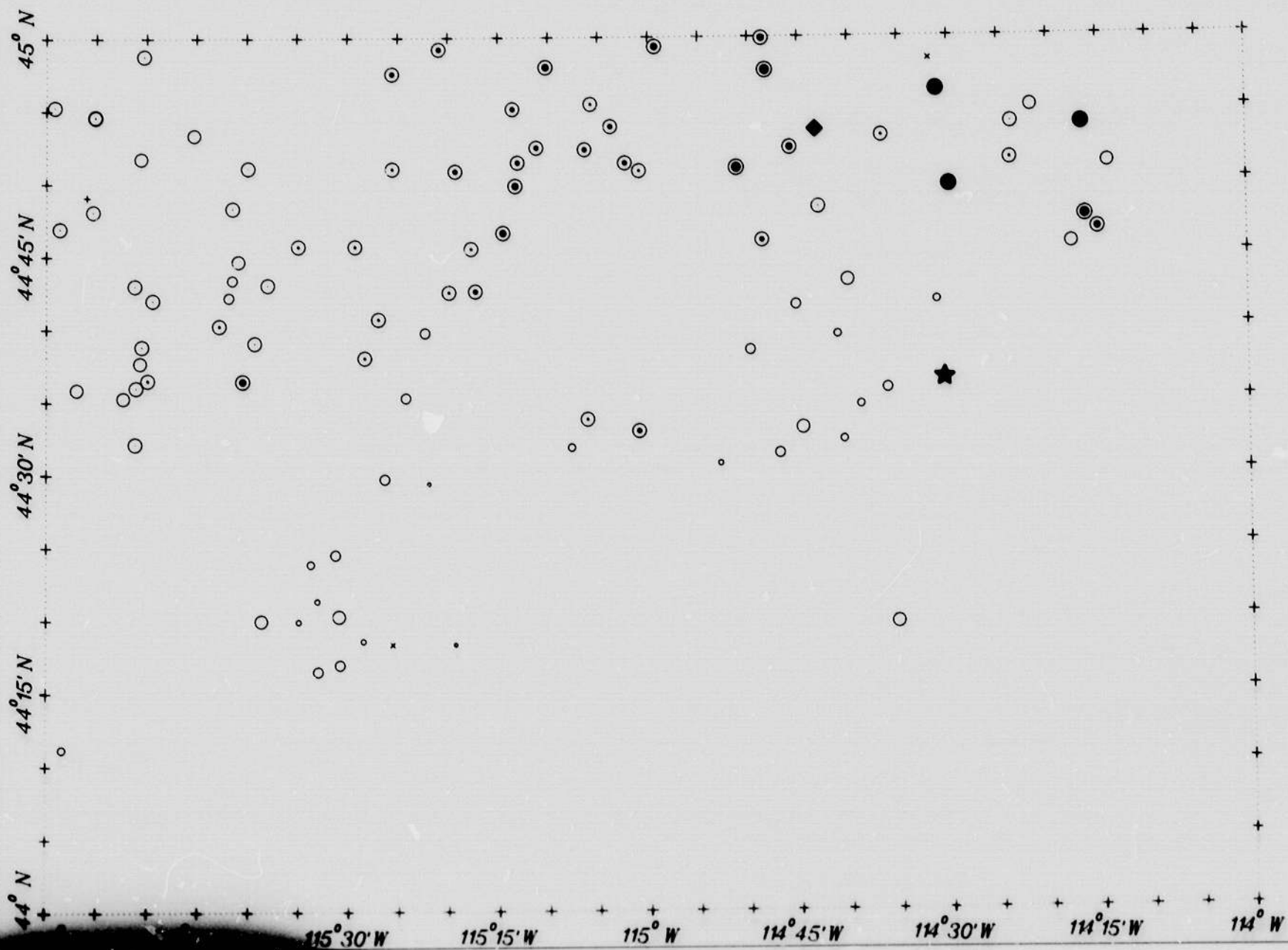
208 Values Above Detection Limits



CHALLIS *1x2' Sheet*
Manganese In Surface Water
101 Values Above D.L.

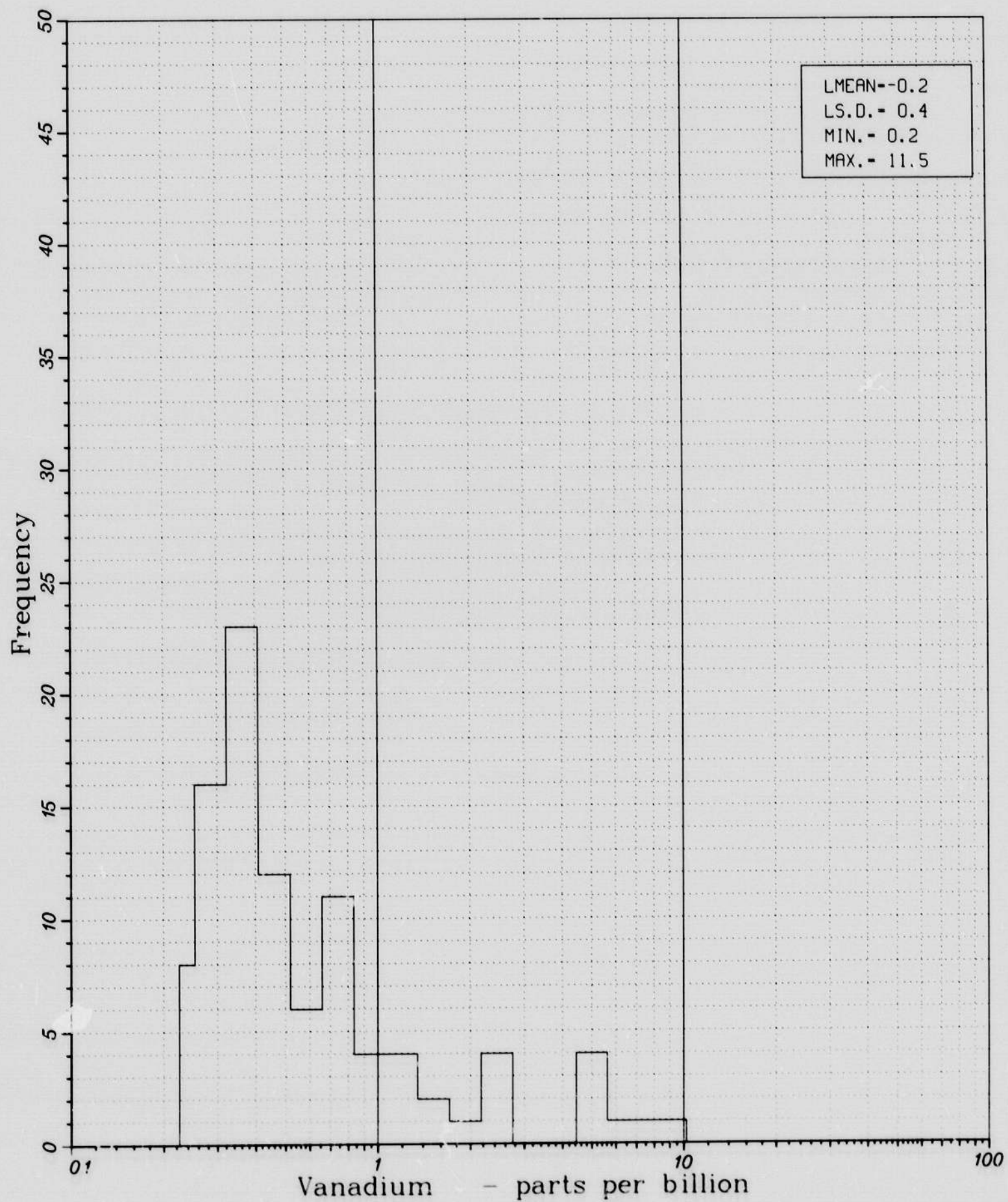
Manganese concentration - p.p.b.

+ < 0.5	o 3.0- 4.1	○ 9.0- 12.2	⊙ 25.3- 32.7	● 44.6- 49.5
x 0.5- 2.2	o 4.1- 6.7	○ 12.2- 17.4	⊙ 32.7- 39.4	◆ 49.5- 58.2
• 2.2- 3.0	○ 6.7- 9.0	⊙ 17.4- 25.3	⊙ 39.4- 44.6	★ > 58.2

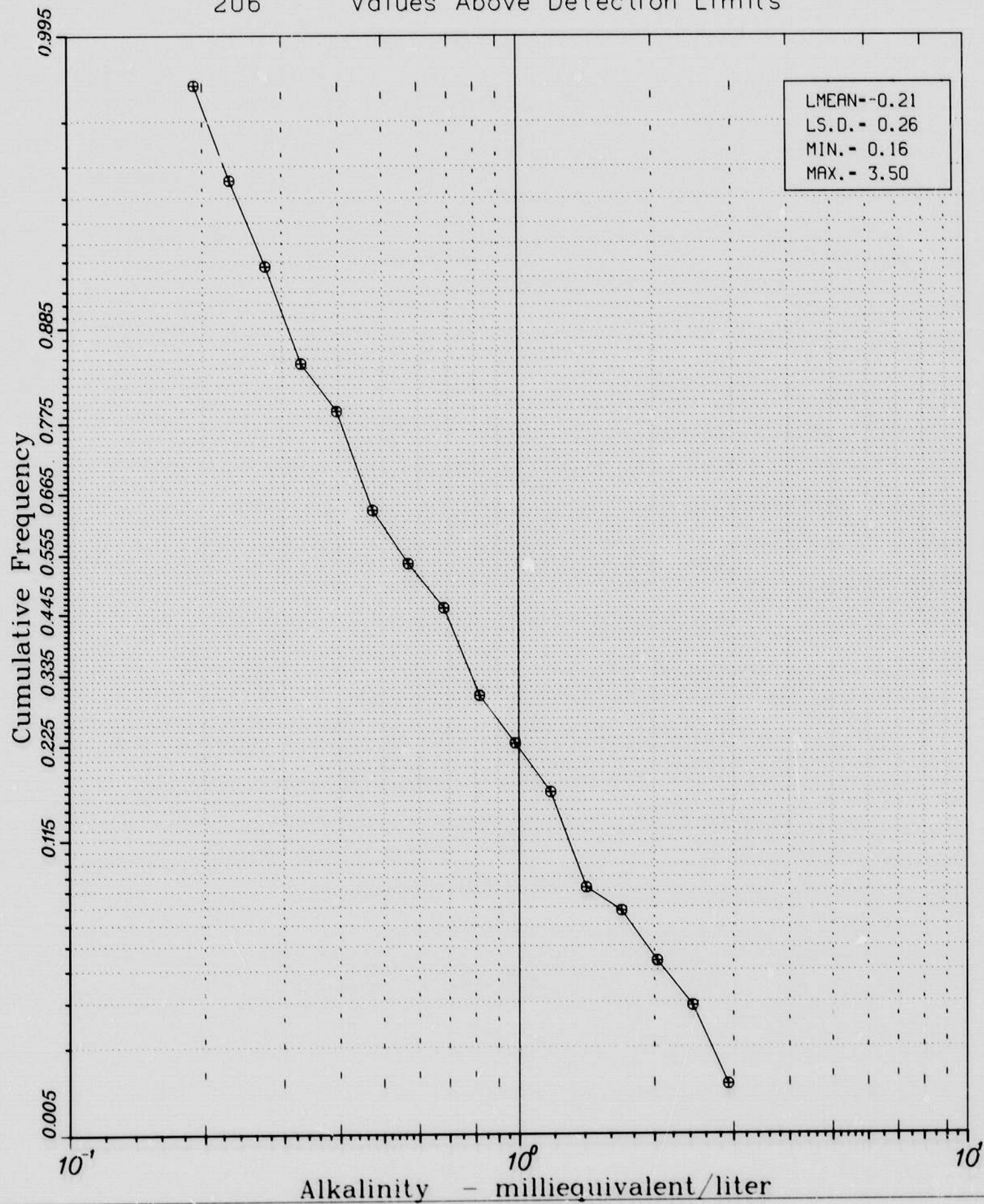


Log Histogram
98

CHALLIS 1'x2' Sheet
Vanadium Values - Surface Water Sites
Values Above Detection Limits



CHALLIS 1'x2' Sheet
Log Cumulative Frequency Plot
Alkalinity Values - Surface Water Sites
206 Values Above Detection Limits



CHALLIS *1x2° Sheet*
 Ux1000/Cond. In Surface Water
 197 Values Above D.L.

Ux1000/Cor					
+ < 0.100	○ 0.550- 0.763	○ 2.350- 3.578	⊙ 8.067- 10.480	● 14.173- 20.760	
x 0.100- 0.354	○ 0.763- 1.567	○ 3.578- 5.435	⊙ 10.480- 12.529	◆ 20.760- 32.250	
• 0.354- 0.550	○ 1.567- 2.350	⊙ 5.435- 8.067	⊙ 12.529- 14.173	★ > 32.250	

