

093K/14

SUMMARY STATISTICS and HISTOGRAM **822227** ARITHMETIC VALUES

Variable = Zn Unit = ppm N = 1294

Mean = 74.930 Min = 2.000 1st Quartile = 60.000
Std. Dev. = 24.373 Max = 213.000 Median = 73.000
CV % = 32.528 Skewness = 0.778 3rd Quartile = 88.000

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%   cum %   cls int   (# of bins = 32 - bin size = 6.806)
-----
0.00  0.04   -1.403
0.08  0.12    5.403
0.08  0.19   12.210
0.62  0.81   19.016   **
0.70  1.51   25.823   **
1.62  3.13   32.629   *****
2.55  5.68   39.435   *****
4.40 10.08   46.242   *****
6.26 16.33   53.048   *****
7.57 23.90   59.855   *****
13.21 37.10   66.661   ***** --> 47
14.06 51.16   73.468   ***** --> 50
12.91 64.05   80.274   ***** --> 46
10.43 74.48   87.081   *****
6.65 81.12   93.887   *****
6.88 87.99  100.694  *****
3.86 91.85  107.500  *****
2.40 94.25  114.306  *****
1.93 96.18  121.113  *****
1.24 97.41  127.919  ****
0.70 98.11  134.726  **
0.39 98.49  141.532  *
0.46 98.96  148.339  **
0.31 99.27  155.145  *
0.23 99.50  161.952  *
0.15 99.65  168.758  *
0.00 99.65  175.565
0.00 99.65  182.371
0.00 99.65  189.177
0.00 99.65  195.984
0.23 99.88  202.790  *
0.00 99.88  209.597
0.08 99.96  216.403
=====

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0 1 2 3 4

Each "*" represents approximately 3.6 observations.

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SUMMARY STATISTICS and HISTOGRAM LOGARITHMIC VALUES

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Variable = Zn                Unit =      ppm                N = 1294

Mean =      1.8494          Min =      0.3010     1st Quartile =      1.7782
Std. Dev. =  0.1582          Max =      2.3284     Median =      1.8633
CV % =      8.5532          Skewness = -1.5669   3rd Quartile =      1.9445

Anti-Log Mean = 70.704      Anti-Log Std. Dev. : (-) 49.120
                                           (+) 101.773
    
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=====
% cum % antilog cls int (# of bins = 32 - bin size = 0.0654)
-----
0.00 0.04 1.855 0.2683
0.08 0.12 2.156 0.3337
0.00 0.12 2.507 0.3991
0.00 0.12 2.914 0.4645
0.00 0.12 3.388 0.5299
0.00 0.12 3.938 0.5953
0.00 0.12 4.578 0.6607
0.00 0.12 5.323 0.7261
0.00 0.12 6.188 0.7915
0.00 0.12 7.193 0.8569
0.00 0.12 8.362 0.9223
0.00 0.12 9.721 0.9877
0.08 0.19 11.301 1.0531
0.15 0.35 13.137 1.1185 *
0.08 0.42 15.272 1.1839
0.31 0.73 17.754 1.2493 *
0.23 0.97 20.640 1.3147 *
0.31 1.27 23.994 1.3801 *
0.85 2.12 27.893 1.4455 ***
1.00 3.13 32.426 1.5109 ****
1.70 4.83 37.696 1.5763 *****
2.55 7.37 43.822 1.6417 *****
5.87 13.24 50.944 1.7071 *****
10.66 23.90 59.223 1.7725 *****
16.23 40.12 68.848 1.8379 ***** --> 58
23.96 64.05 80.037 1.9033 ***** --> 86
17.08 81.12 93.044 1.9687 ***** --> 61
11.13 92.24 108.165 2.0341 ***** --> 40
4.79 97.03 125.743 2.0995 *****
1.78 98.80 146.179 2.1649 *****
0.85 99.65 169.935 2.2303 ***
0.08 99.73 197.552 2.2957
0.23 99.96 229.657 2.3611 *
-----
    
```

0 1 2 3 4

Each "*" represents approximately 3.6 observations.

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14:25:51

04/03/91

MT SIDNEY WILLIAMS 1988 SOIL DATA - SET 1

ARITHMETIC VALUES

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VARIABLE = Zn

UNIT = ppm

N = 1294

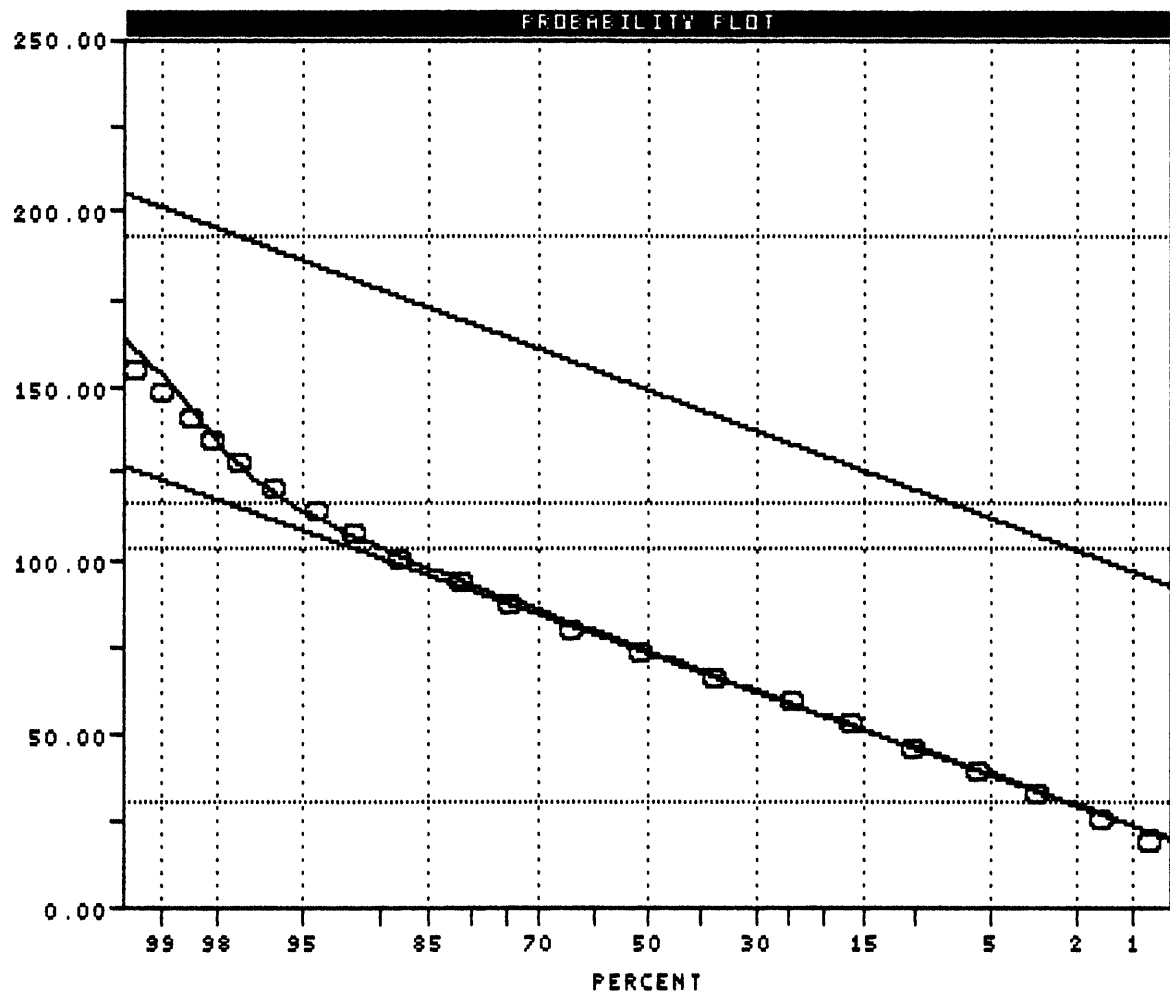
N CI = 32

POPULATIONS

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Pop.	Mean	Std.Dev.	%
1	73.056	21.471	97.5
2	148.408	22.513	2.5

Pop.	THRESHOLDS	
1	30.114	115.998
2	103.383	193.434



RAW DATA HL
PARAMETER ESTIMATES

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PARAMETER SUMMARY STATISTICS FOR PROBABILITY PLOT ANALYSIS

Data File Name = MTSID_1.PPL

Variable = Zn Unit = ppm N = 1294
N CI = 32

Transform = Arithmetic Number of Populations = 2

of Missing Observations = 0.

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Raw Data Maximum Likelihood Parameter Estimates

Maximum LN Likelihood Value = -5918.210

Parameterized Degrees of Freedom = 3

Population	Mean	Std Dev	Percentage
1	73.056	21.471	97.52
2	148.408	22.513	2.48

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Default Thresholds.

Standard Deviation Multiplier = 2.0

Pop.	Thresholds	
1	30.114	115.998
2	103.383	193.434

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