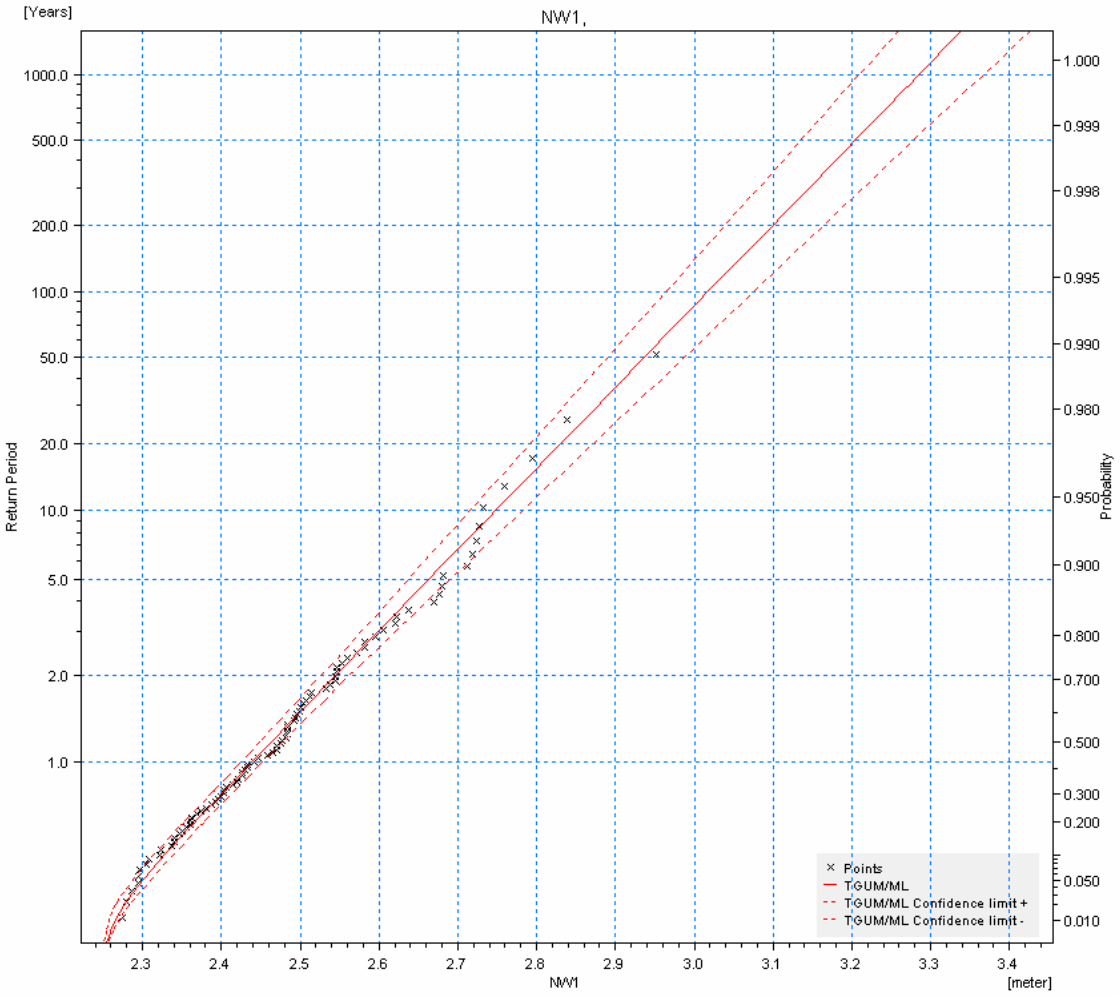
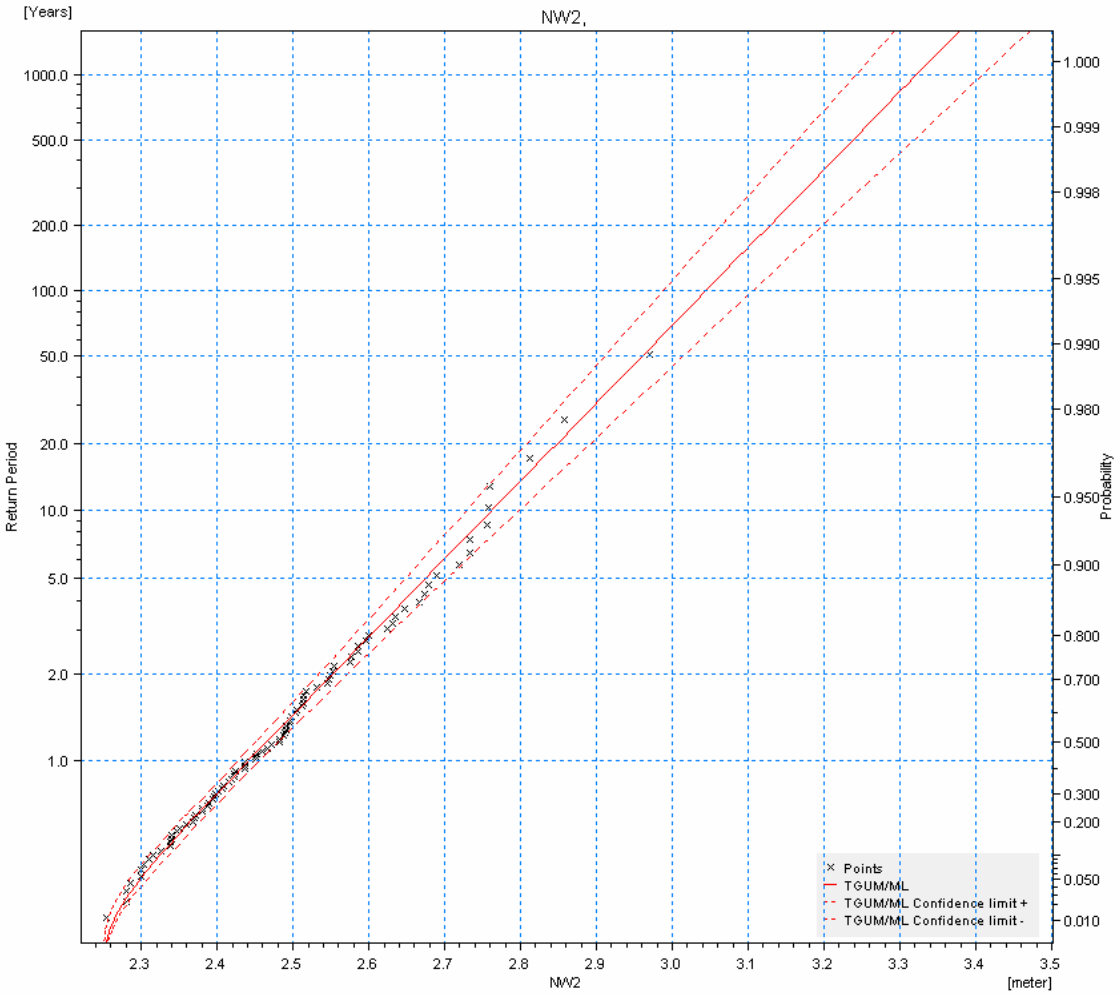
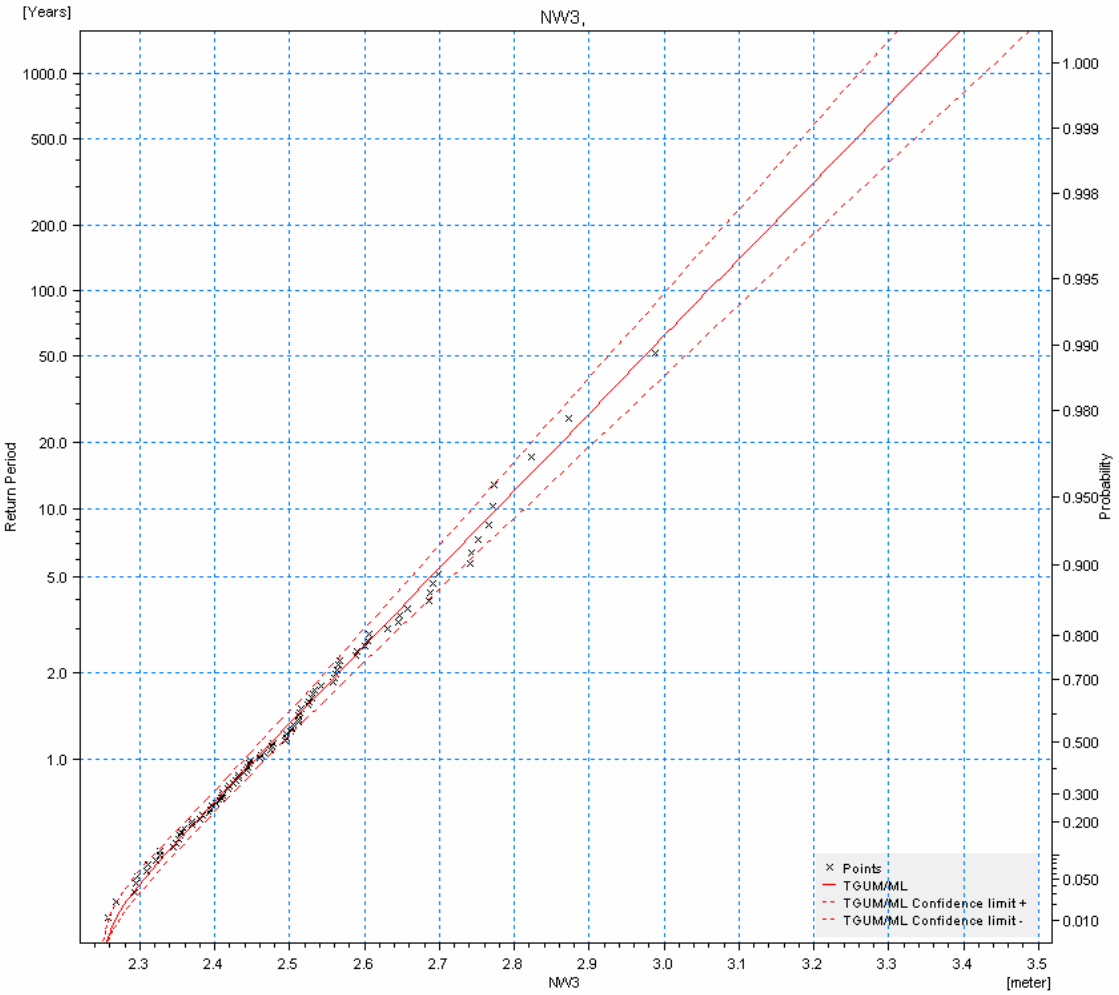
Appendix 2: Extreme Value Analysis of Total Water Levels: points NW1-NW52


[Years]
NW1,
1000.0
500.0
200.0
100.0
50.0
20.0
10.0
5.0
2.0
1.0
Return Period
1.000
0.999
0.998
0.995
0.990
0.980
0.950
0.900
0.800
0.700
0.500
0.300
0.200
0.050
0.010
Probability
2.3
2.4
2.5
2.6
2.7
2.8
2.9
3.0
3.1
3.2
3.3
3.4
NW1
[meter]
Points
TGUM/ML
TGUM/ML Confidence limit +
TGUM/ML Confidence limit -

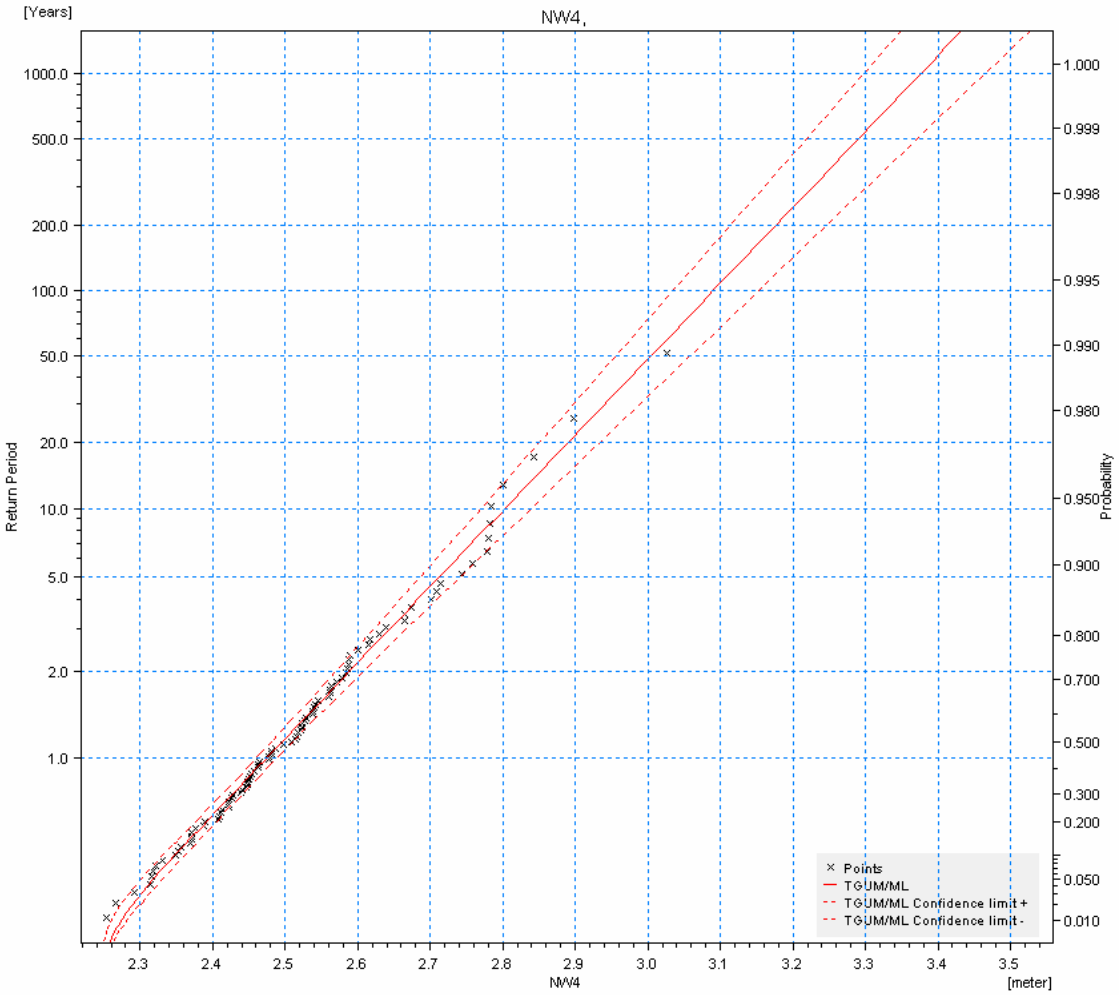
NW1		
		D/E Combination
	Return Period [years]	TGUM/ML
Estimated quantile	1.00	2.438
	2.00	2.545
	5.00	2.663
	10.00	2.747
	20.00	2.830
	25.00	2.856
	50.00	2.937
	100.00	3.018
	200.00	3.098
	500.00	3.205
	1000.00	3.285
Average quantile	1.00	2.438
	2.00	2.545
	5.00	2.664
	10.00	2.749
	20.00	2.831
	25.00	2.857
	50.00	2.939
	100.00	3.020
	200.00	3.101
	500.00	3.208
	1000.00	3.289
Standard deviation	1.00	0.014
	2.00	0.018
	5.00	0.027
	10.00	0.033
	20.00	0.040
	25.00	0.042
	50.00	0.049
	100.00	0.056
	200.00	0.063
	500.00	0.072
	1000.00	0.079
Goodness -of-fit statistics	CHISQ	4.500
	SLSC	0.016
	PPCC1	0.997
	PPCC2	0.997


[Years]
NW2,
1000.0
500.0
200.0
100.0
50.0
20.0
10.0
5.0
2.0
1.0
Return Period
1.000
0.999
0.998
0.995
0.990
0.980
0.950
0.900
0.800
0.700
0.500
0.300
0.200
0.050
0.010
Probability
2.3
2.4
2.5
2.6
2.7
2.8
2.9
3.0
3.1
3.2
3.3
3.4
3.5
NW2
[meter]
Points
TGUM/ML
TGUM/ML Confidence limit +
TGUM/ML Confidence limit -

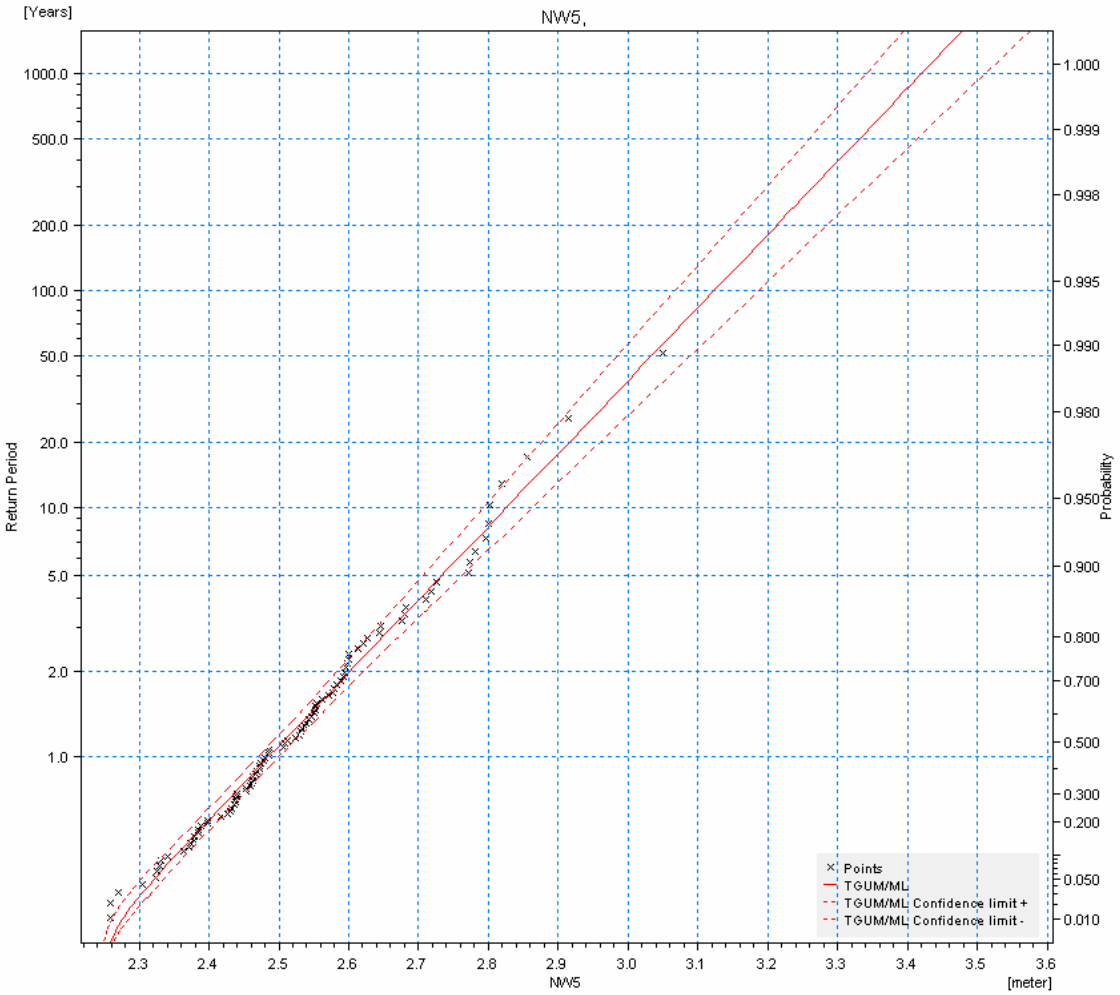
NW2		
		D/E Combination
	Return Period [years]	TGUM/ML
Estimated quantile	1.00	2.441
	2.00	2.552
	5.00	2.675
	10.00	2.762
	20.00	2.848
	25.00	2.875
	50.00	2.960
	100.00	3.044
	200.00	3.128
	500.00	3.239
	1000.00	3.323
Average quantile	1.00	2.441
	2.00	2.552
	5.00	2.676
	10.00	2.764
	20.00	2.850
	25.00	2.877
	50.00	2.962
	100.00	3.047
	200.00	3.131
	500.00	3.242
	1000.00	3.326
Standard deviation	1.00	0.014
	2.00	0.019
	5.00	0.028
	10.00	0.035
	20.00	0.042
	25.00	0.044
	50.00	0.052
	100.00	0.059
	200.00	0.067
	500.00	0.076
	1000.00	0.084
Goodness -of-fit statistics	CHISQ	1.899
	SLSC	0.013
	PPCC1	0.998
	PPCC2	0.998


[Years]
NW3,
1000.0
500.0
200.0
100.0
50.0
20.0
10.0
5.0
2.0
1.0
Return Period
1.000
0.999
0.998
0.995
0.990
0.980
0.950
0.900
0.800
0.700
0.500
0.300
0.200
0.050
0.010
Probability
2.3
2.4
2.5
2.6
2.7
2.8
2.9
3.0
3.1
3.2
3.3
3.4
3.5
NW3
[meter]
Points
TGUM/ML
TGUM/ML Confidence limit +
TGUM/ML Confidence limit -

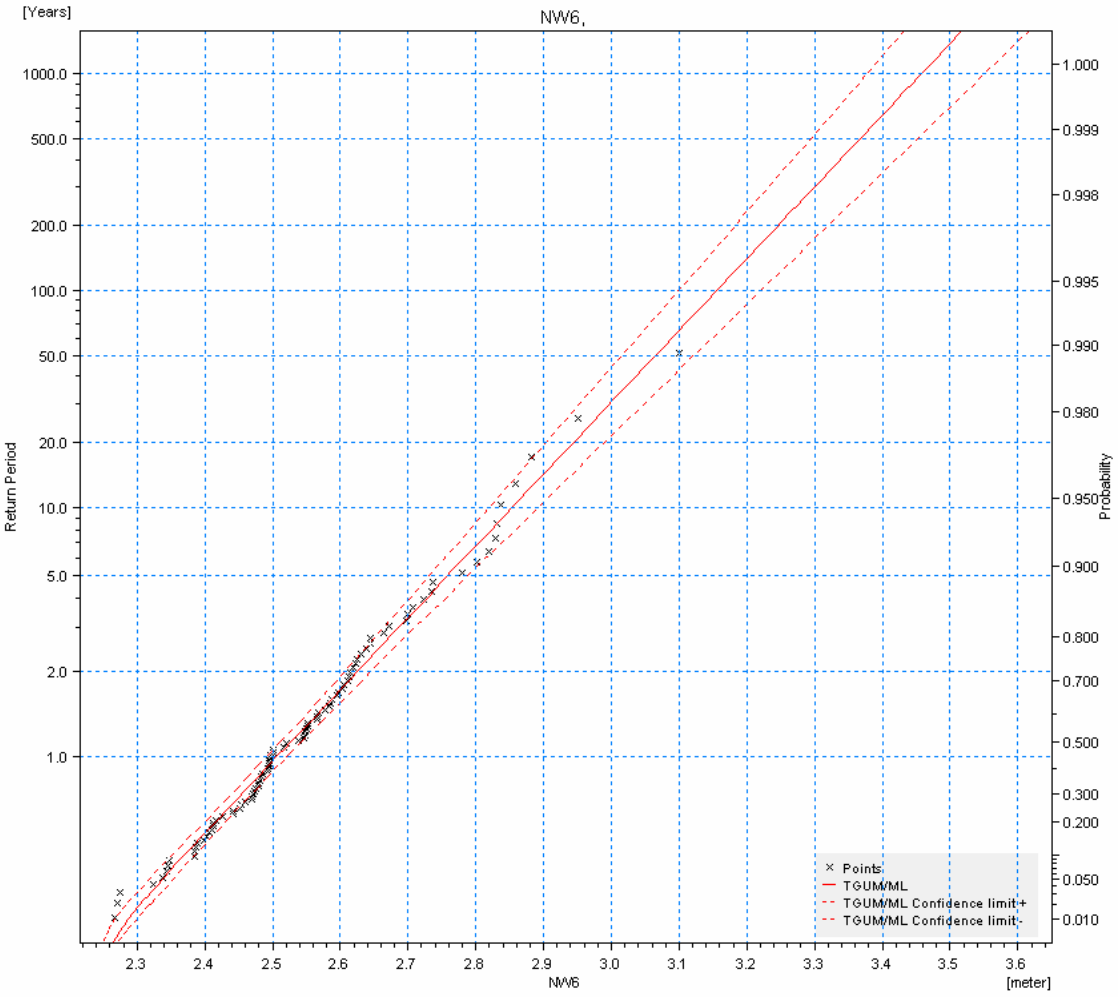
NW3		
		D/E Combination
	Return Period [years]	TGUM/ML
Estimated quantile	1.00	2.454
	2.00	2.565
	5.00	2.688
	10.00	2.776
	20.00	2.862
	25.00	2.890
	50.00	2.974
	100.00	3.059
	200.00	3.143
	500.00	3.255
	1000.00	3.339
Average quantile	1.00	2.454
	2.00	2.565
	5.00	2.689
	10.00	2.778
	20.00	2.864
	25.00	2.892
	50.00	2.977
	100.00	3.062
	200.00	3.147
	500.00	3.258
	1000.00	3.343
Standard deviation	1.00	0.014
	2.00	0.019
	5.00	0.028
	10.00	0.035
	20.00	0.042
	25.00	0.044
	50.00	0.051
	100.00	0.059
	200.00	0.066
	500.00	0.076
	1000.00	0.083
Goodness -of-fit statistics	CHISQ	1.556
	SLSC	0.014
	PPCC1	0.998
	PPCC2	0.998


[Years]
NW4,
1000.0
500.0
200.0
100.0
50.0
20.0
10.0
5.0
2.0
1.0
Return Period
1.000
0.999
0.998
0.995
0.990
0.980
0.950
0.900
0.800
0.700
0.500
0.300
0.200
0.050
0.010
Probability
2.3
2.4
2.5
2.6
2.7
2.8
2.9
3.0
3.1
3.2
3.3
3.4
3.5
NW4
[meter]
Points
TGUM/ML
TGUM/ML Confidence limit +
TGUM/ML Confidence limit -

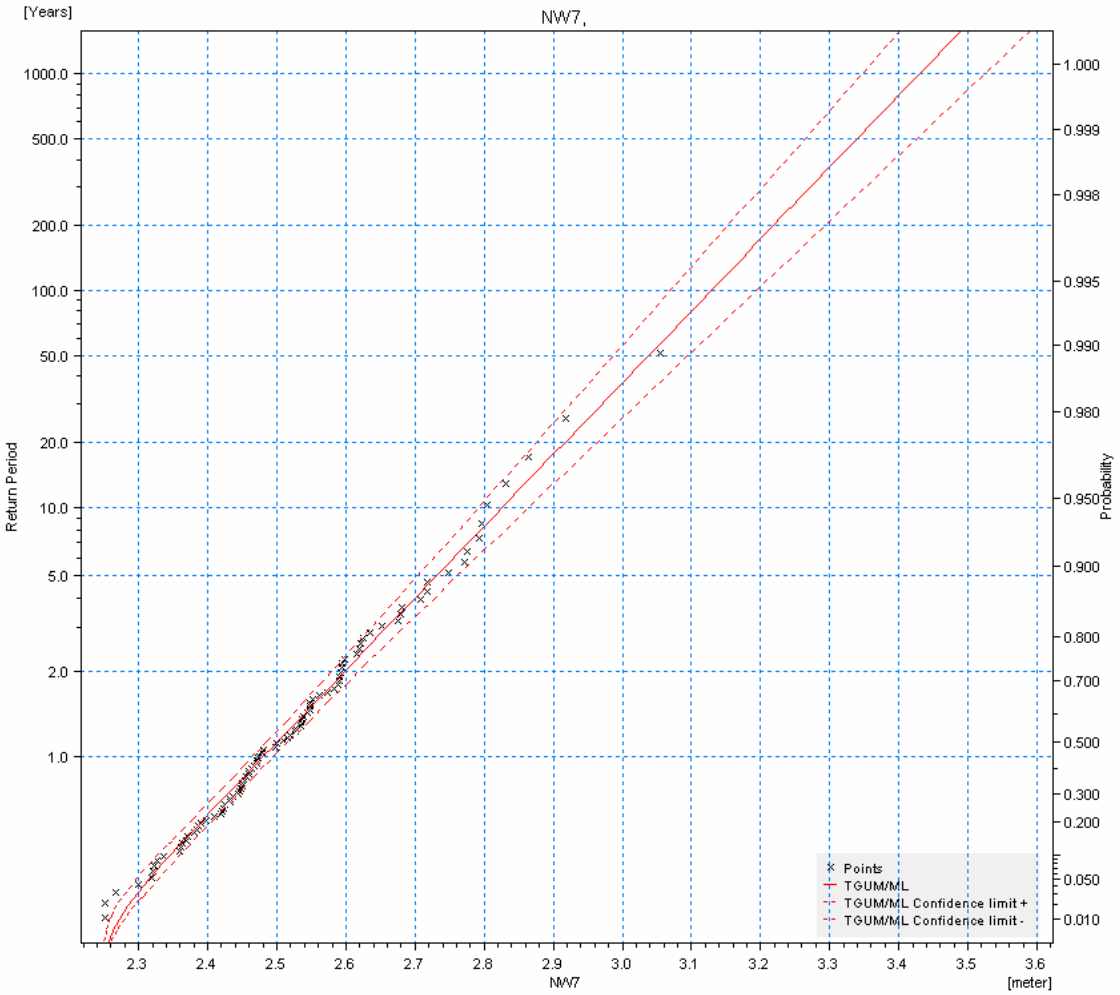
NW4		
		D/E Combination
	Return Period [years]	TGUM/ML
Estimated quantile	1.00	2.475
	2.00	2.588
	5.00	2.713
	10.00	2.803
	20.00	2.890
	25.00	2.918
	50.00	3.005
	100.00	3.091
	200.00	3.176
	500.00	3.290
	1000.00	3.376
Average quantile	1.00	2.475
	2.00	2.588
	5.00	2.715
	10.00	2.805
	20.00	2.893
	25.00	2.921
	50.00	3.008
	100.00	3.094
	200.00	3.180
	500.00	3.295
	1000.00	3.381
Standard deviation	1.00	0.014
	2.00	0.019
	5.00	0.028
	10.00	0.035
	20.00	0.042
	25.00	0.044
	50.00	0.052
	100.00	0.059
	200.00	0.066
	500.00	0.076
	1000.00	0.084
Goodness -of-fit statistics	CHISQ	1.418
	SLSC	0.016
	PPCC1	0.997
	PPCC2	0.997


[Years]
NW5,
Return Period
1000.0
500.0
200.0
100.0
50.0
20.0
10.0
5.0
2.0
1.0
1.000
0.999
0.998
0.995
0.990
0.980
0.950
0.900
0.800
0.700
0.500
0.300
0.200
0.050
0.010
Probability
2.3
2.4
2.5
2.6
2.7
2.8
2.9
3.0
3.1
3.2
3.3
3.4
3.5
3.6
NW5
[meter]
Points
TGUM/ML
TGUM/ML Confidence limit +
TGUM/ML Confidence limit -

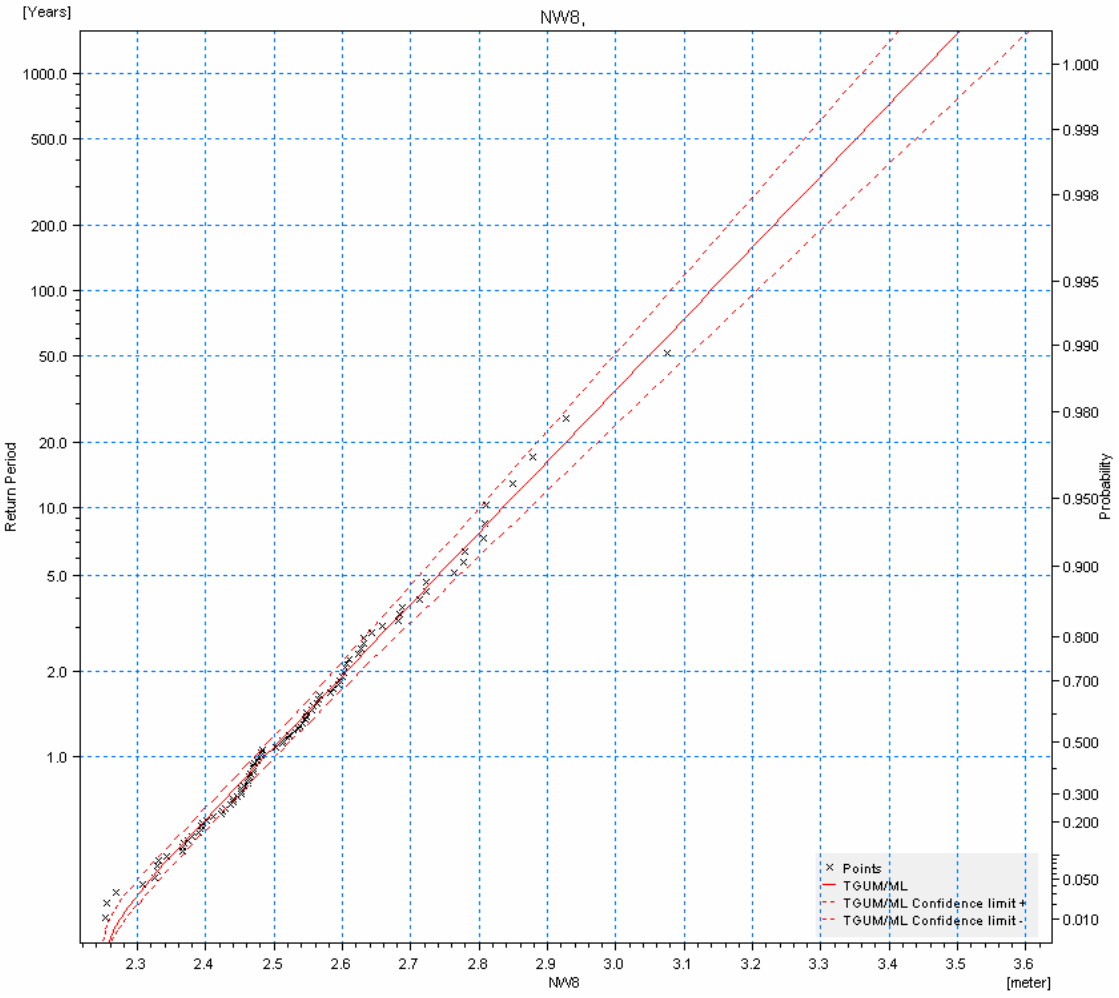
NW5		
		D/E Combination
	Return Period [years]	TGUM/ML
Estimated quantile	1.00	2.486
	2.00	2.603
	5.00	2.733
	10.00	2.825
	20.00	2.916
	25.00	2.945
	50.00	3.035
	100.00	3.124
	200.00	3.213
	500.00	3.330
	1000.00	3.419
Average quantile	1.00	2.486
	2.00	2.603
	5.00	2.734
	10.00	2.827
	20.00	2.919
	25.00	2.948
	50.00	3.038
	100.00	3.128
	200.00	3.217
	500.00	3.336
	1000.00	3.425
Standard deviation	1.00	0.015
	2.00	0.019
	5.00	0.028
	10.00	0.035
	20.00	0.042
	25.00	0.045
	50.00	0.052
	100.00	0.060
	200.00	0.068
	500.00	0.078
	1000.00	0.085
Goodness -of-fit statistics	CHISQ	5.609
	SLSC	0.018
	PPCC1	0.996
	PPCC2	0.996


[Years]
NW6,
1000.0
500.0
200.0
100.0
50.0
20.0
10.0
5.0
2.0
1.0
Return Period
1.000
0.999
0.998
0.995
0.990
0.980
0.950
0.900
0.800
0.700
0.500
0.300
0.200
0.050
0.010
Probability
2.3
2.4
2.5
2.6
2.7
2.8
2.9
3.0
3.1
3.2
3.3
3.4
3.5
3.6
NW6
[meter]
Points
TGUM/ML
TGUM/ML Confidence limit +
TGUM/ML Confidence limit -

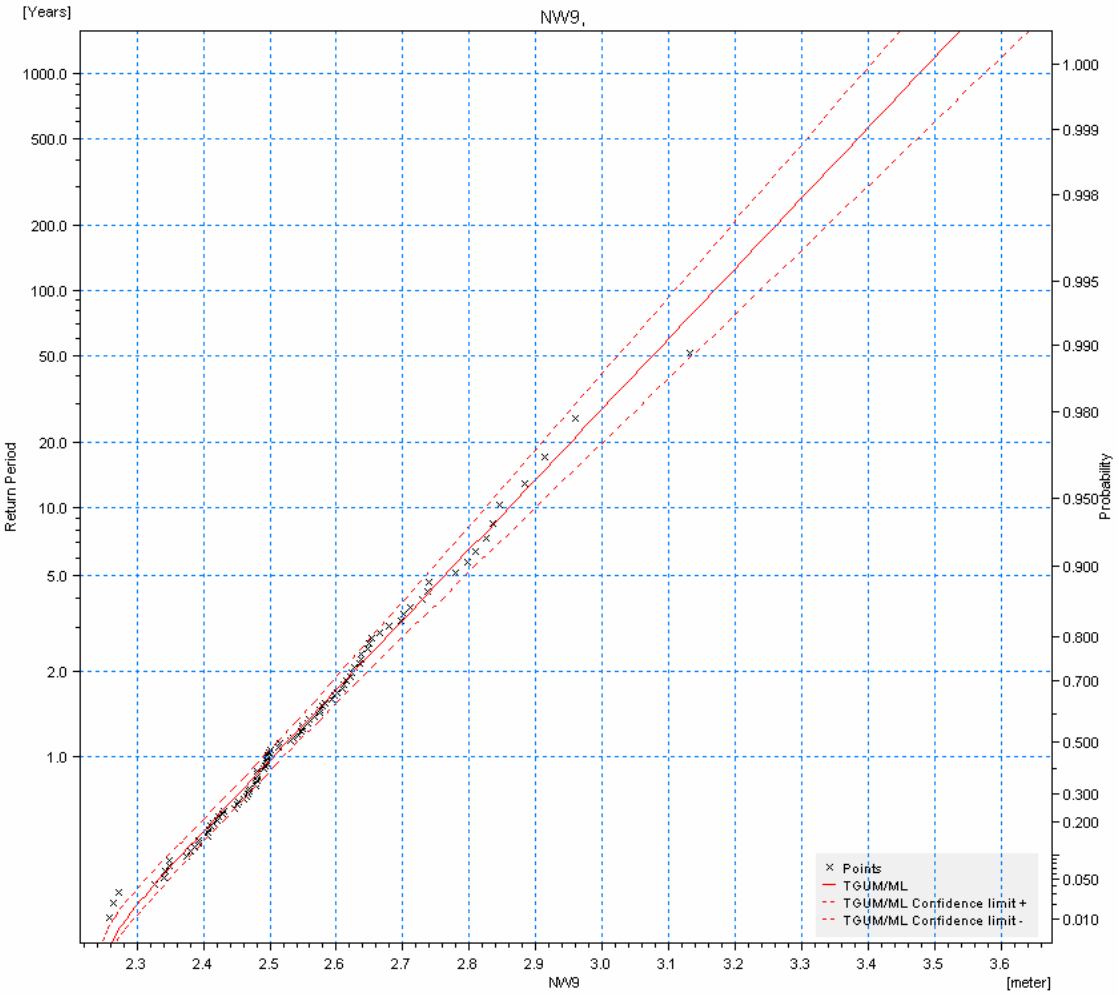
NW6		
		D/E Combination
	Return Period [years]	TGUM/ML
Estimated quantile	1.00	2.507
	2.00	2.626
	5.00	2.758
	10.00	2.853
	20.00	2.945
	25.00	2.974
	50.00	3.066
	100.00	3.156
	200.00	3.247
	500.00	3.367
	1000.00	3.457
Average quantile	1.00	2.507
	2.00	2.627
	5.00	2.760
	10.00	2.855
	20.00	2.948
	25.00	2.978
	50.00	3.069
	100.00	3.161
	200.00	3.252
	500.00	3.373
	1000.00	3.464
Standard deviation	1.00	0.015
	2.00	0.020
	5.00	0.028
	10.00	0.036
	20.00	0.043
	25.00	0.046
	50.00	0.053
	100.00	0.061
	200.00	0.069
	500.00	0.079
	1000.00	0.087
Goodness -of-fit statistics	CHISQ	3.652
	SLSC	0.018
	PPCC1	0.996
	PPCC2	0.996


[Years]
NW7,
1000.0
500.0
200.0
100.0
50.0
20.0
10.0
5.0
2.0
1.0
Return Period
1.000
0.999
0.998
0.995
0.990
0.980
0.950
0.900
0.800
0.700
0.500
0.300
0.200
0.050
0.010
Probability
2.3
2.4
2.5
2.6
2.7
2.8
2.9
3.0
3.1
3.2
3.3
3.4
3.5
3.6
NW7
[meter]
Points
TGUM/ML
TGUM/ML Confidence limit +
TGUM/ML Confidence limit -

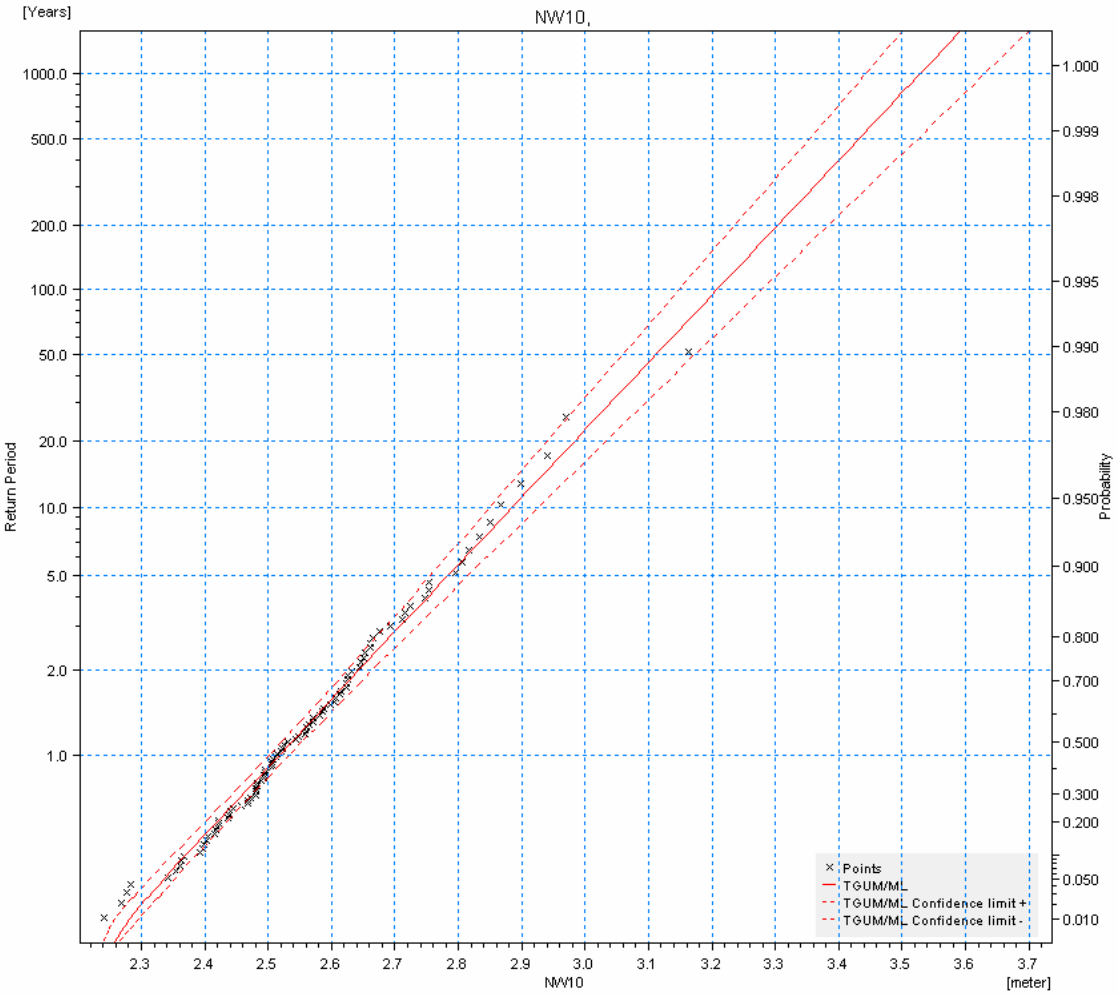
NW7		
		D/E Combination
	Return Period [years]	TGUM/ML
Estimated quantile	1.00	2.481
	2.00	2.599
	5.00	2.731
	10.00	2.825
	20.00	2.918
	25.00	2.947
	50.00	3.038
	100.00	3.129
	200.00	3.220
	500.00	3.339
	1000.00	3.430
Average quantile	1.00	2.481
	2.00	2.600
	5.00	2.733
	10.00	2.828
	20.00	2.920
	25.00	2.950
	50.00	3.042
	100.00	3.133
	200.00	3.224
	500.00	3.344
	1000.00	3.435
Standard deviation	1.00	0.015
	2.00	0.020
	5.00	0.029
	10.00	0.036
	20.00	0.044
	25.00	0.046
	50.00	0.054
	100.00	0.062
	200.00	0.070
	500.00	0.081
	1000.00	0.089
Goodness -of-fit statistics	CHISQ	4.304
	SLSC	0.016
	PPCC1	0.997
	PPCC2	0.997


[Years]
NW8,
Return Period
1000.0
500.0
200.0
100.0
50.0
20.0
10.0
5.0
2.0
1.0
1.000
0.999
0.998
0.995
0.990
0.980
0.950
0.900
0.800
0.700
0.500
0.300
0.200
0.050
0.010
Probability
2.3
2.4
2.5
2.6
2.7
2.8
2.9
3.0
3.1
3.2
3.3
3.4
3.5
3.6
NW8
[meter]
Points
TGUM/ML
TGUM/ML Confidence limit +
TGUM/ML Confidence limit -

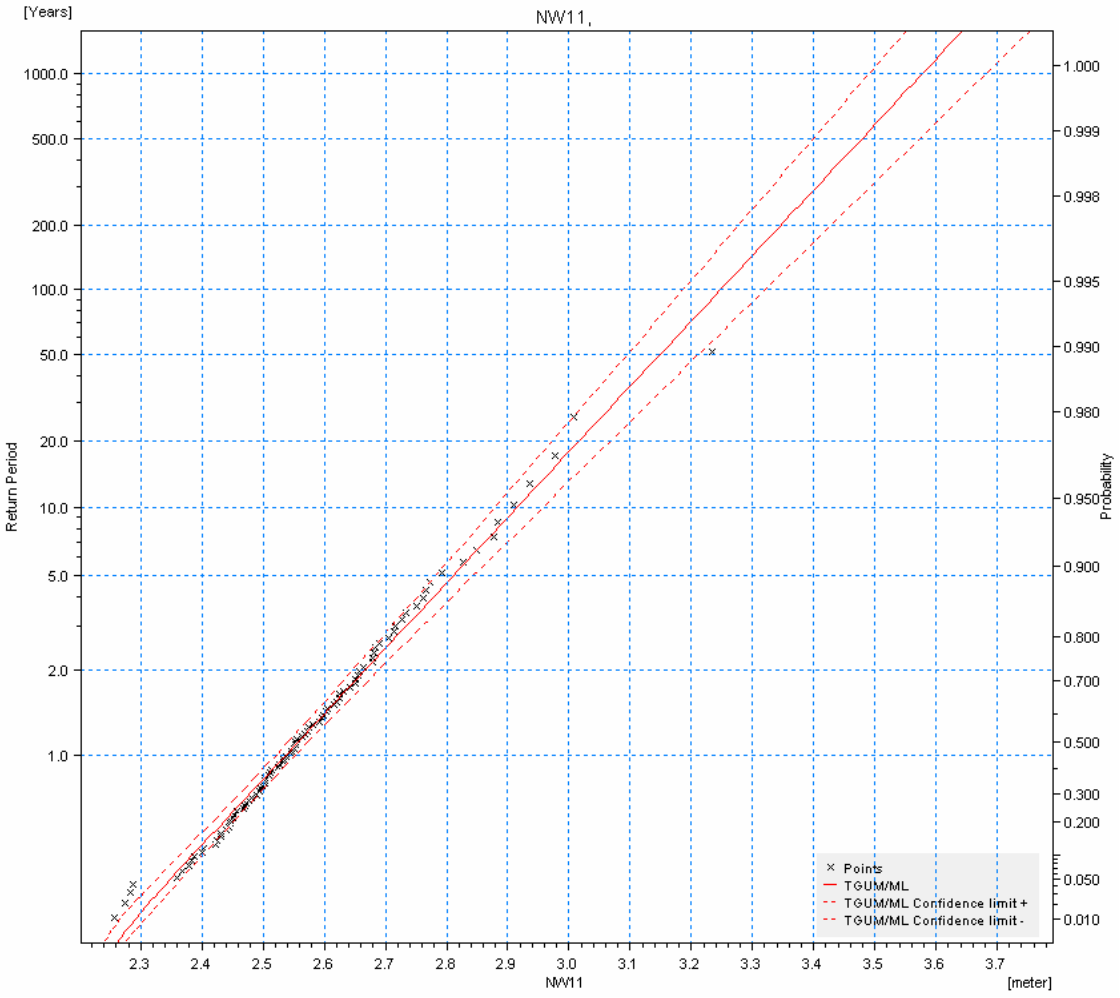
NW8		
		D/E Combination
	Return Period [years]	TGUM/ML
Estimated quantile	1.00	2.487
	2.00	2.606
	5.00	2.740
	10.00	2.834
	20.00	2.927
	25.00	2.957
	50.00	3.049
	100.00	3.140
	200.00	3.231
	500.00	3.351
	1000.00	3.442
Average quantile	1.00	2.487
	2.00	2.607
	5.00	2.741
	10.00	2.837
	20.00	2.930
	25.00	2.960
	50.00	3.052
	100.00	3.144
	200.00	3.236
	500.00	3.357
	1000.00	3.448
Standard deviation	1.00	0.015
	2.00	0.020
	5.00	0.029
	10.00	0.037
	20.00	0.044
	25.00	0.047
	50.00	0.055
	100.00	0.063
	200.00	0.071
	500.00	0.082
	1000.00	0.090
Goodness -of-fit statistics	CHISQ	7.565
	SLSC	0.016
	PPCC1	0.997
	PPCC2	0.997


[Years]
NW9,
1000.0
500.0
200.0
100.0
50.0
20.0
10.0
5.0
2.0
1.0
Return Period
1.000
0.999
0.998
0.995
0.990
0.980
0.950
0.900
0.800
0.700
0.500
0.300
0.200
0.050
0.010
Probability
2.3
2.4
2.5
2.6
2.7
2.8
2.9
3.0
3.1
3.2
3.3
3.4
3.5
3.6
NW9
[meter]
Points
TGUM/ML
TGUM/ML Confidence limit +
TGUM/ML Confidence limit -

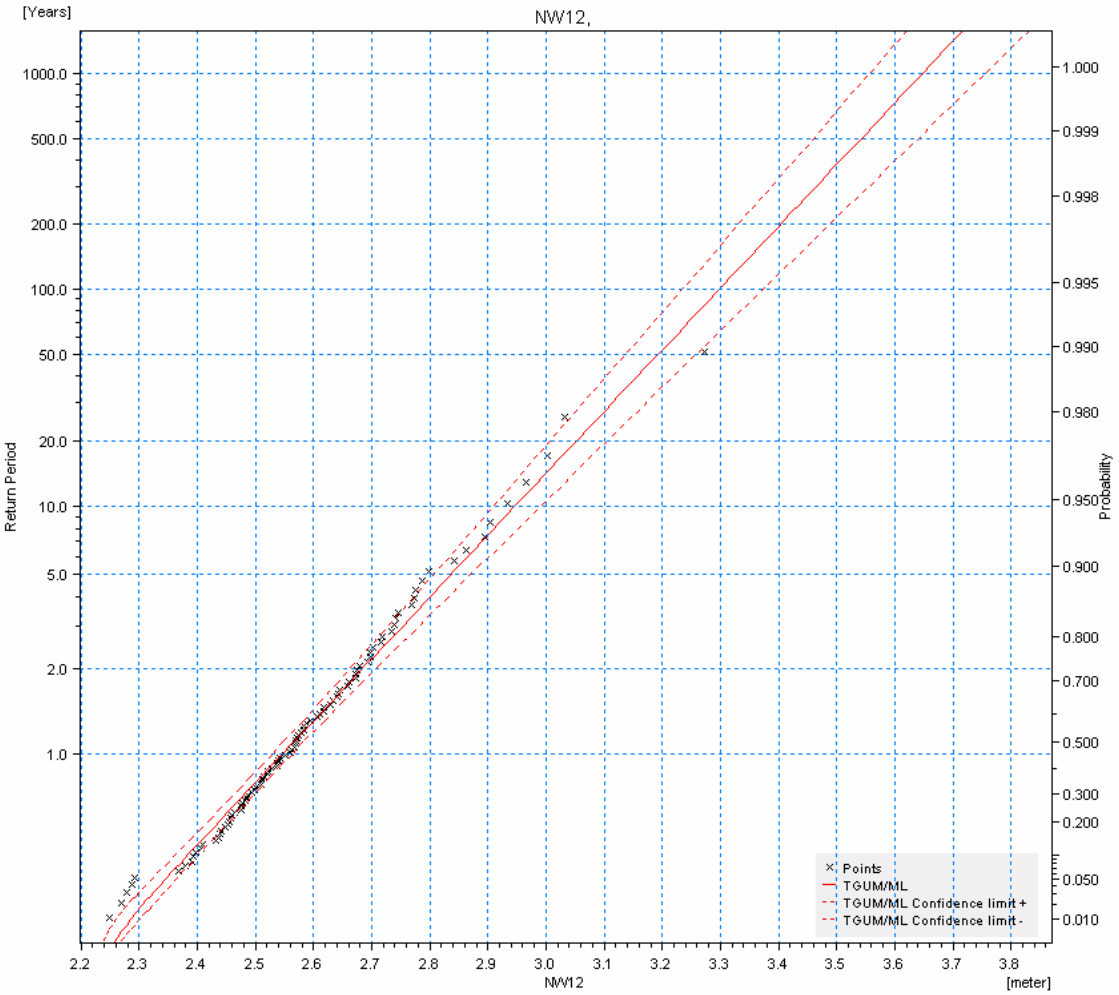
NW9		
		D/E Combination
	Return Period [years]	TGUM/ML
Estimated quantile	1.00	2.506
	2.00	2.627
	5.00	2.762
	10.00	2.859
	20.00	2.953
	25.00	2.983
	50.00	3.076
	100.00	3.169
	200.00	3.261
	500.00	3.383
	1000.00	3.476
Average quantile	1.00	2.506
	2.00	2.628
	5.00	2.764
	10.00	2.861
	20.00	2.956
	25.00	2.986
	50.00	3.080
	100.00	3.173
	200.00	3.266
	500.00	3.389
	1000.00	3.482
Standard deviation	1.00	0.015
	2.00	0.020
	5.00	0.030
	10.00	0.037
	20.00	0.045
	25.00	0.048
	50.00	0.056
	100.00	0.064
	200.00	0.072
	500.00	0.083
	1000.00	0.091
Goodness -of-fit statistics	CHISQ	2.783
	SLSC	0.016
	PPCC1	0.997
	PPCC2	0.997


[Years]
NW10,
1000.0
500.0
200.0
100.0
50.0
20.0
10.0
5.0
2.0
1.0
Return Period
1.000
0.999
0.998
0.995
0.990
0.980
0.950
0.900
0.800
0.700
0.500
0.300
0.200
0.050
0.010
Probability
2.3
2.4
2.5
2.6
2.7
2.8
2.9
3.0
3.1
3.2
3.3
3.4
3.5
3.6
3.7
NW10
[meter]
Points
TGUM/ML
TGUM/ML Confidence limit +
TGUM/ML Confidence limit -

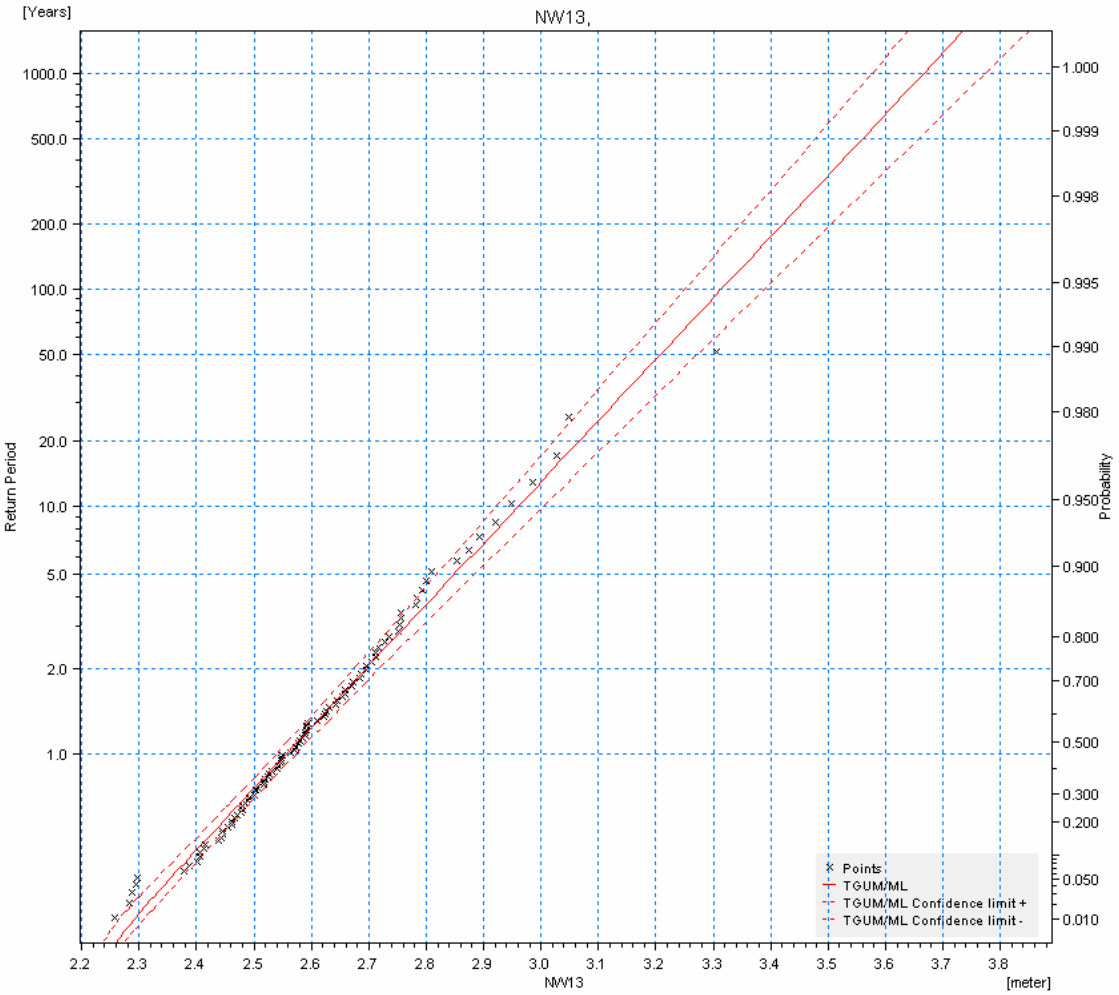
NW10		
		D/E Combination
	Return Period [years]	TGUM/ML
Estimated quantile	1.00	2.518
	2.00	2.644
	5.00	2.785
	10.00	2.885
	20.00	2.983
	25.00	3.014
	50.00	3.111
	100.00	3.208
	200.00	3.304
	500.00	3.432
	1000.00	3.528
Average quantile	1.00	2.518
	2.00	2.645
	5.00	2.787
	10.00	2.888
	20.00	2.987
	25.00	3.018
	50.00	3.116
	100.00	3.214
	200.00	3.311
	500.00	3.439
	1000.00	3.536
Standard deviation	1.00	0.016
	2.00	0.020
	5.00	0.030
	10.00	0.038
	20.00	0.046
	25.00	0.049
	50.00	0.057
	100.00	0.066
	200.00	0.074
	500.00	0.085
	1000.00	0.094
Goodness -of-fit statistics	CHISQ	3.882
	SLSC	0.018
	PPCC1	0.996
	PPCC2	0.996


[Years]
NW11,
1000.0
500.0
200.0
100.0
50.0
20.0
10.0
5.0
2.0
1.0
Return Period
1.000
0.999
0.998
0.995
0.990
0.980
0.950
0.900
0.800
0.700
0.500
0.300
0.200
0.050
0.010
Probability
2.3
2.4
2.5
2.6
2.7
2.8
2.9
3.0
3.1
3.2
3.3
3.4
3.5
3.6
3.7
NW11
[meter]
Points
TGUM/ML
TGUM/ML Confidence limit +
TGUM/ML Confidence limit -

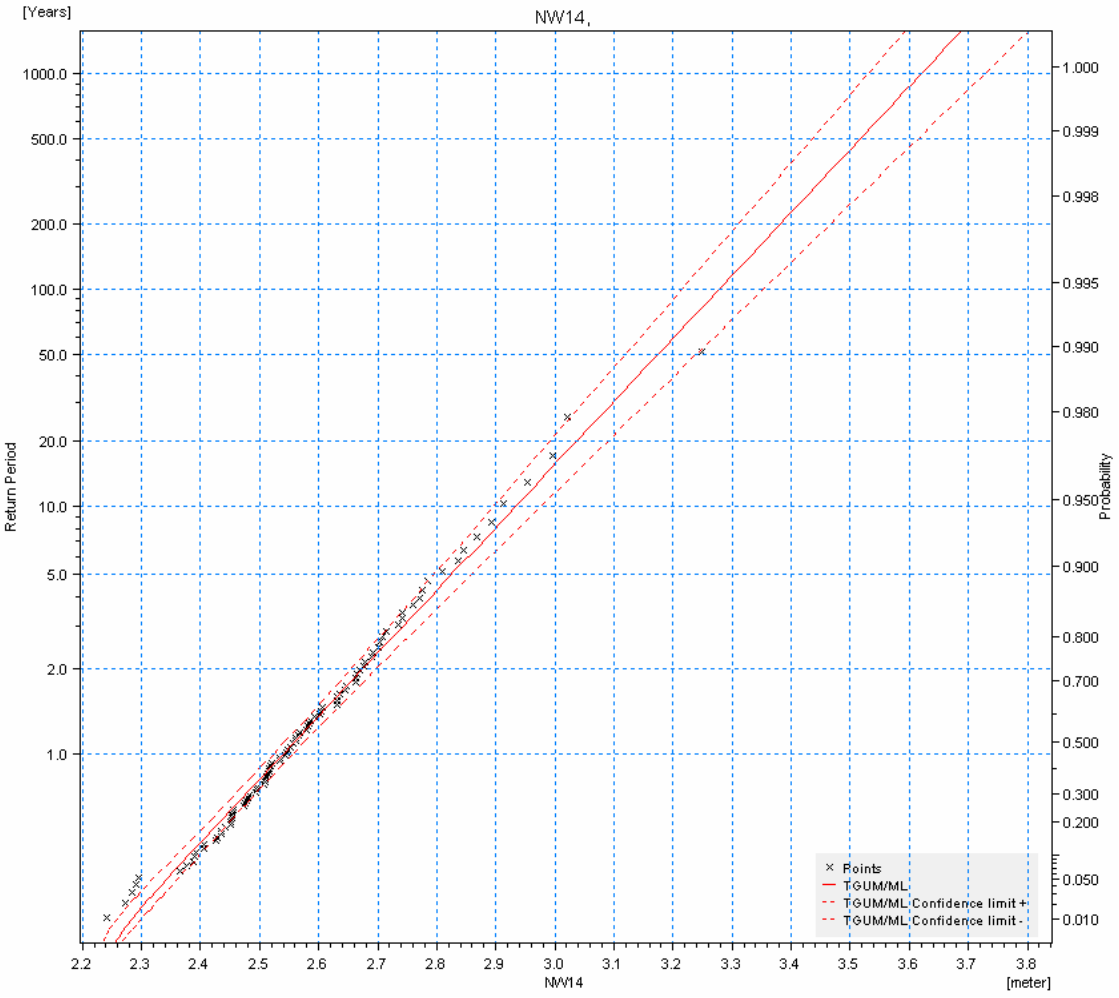
NW11		
		D/E Combination
	Return Period [years]	TGUM/ML
Estimated quantile	1.00	2.538
	2.00	2.667
	5.00	2.812
	10.00	2.915
	20.00	3.016
	25.00	3.049
	50.00	3.148
	100.00	3.248
	200.00	3.347
	500.00	3.478
	1000.00	3.577
Average quantile	1.00	2.538
	2.00	2.668
	5.00	2.814
	10.00	2.918
	20.00	3.020
	25.00	3.053
	50.00	3.153
	100.00	3.254
	200.00	3.354
	500.00	3.486
	1000.00	3.586
Standard deviation	1.00	0.016
	2.00	0.021
	5.00	0.031
	10.00	0.039
	20.00	0.047
	25.00	0.050
	50.00	0.058
	100.00	0.067
	200.00	0.076
	500.00	0.087
	1000.00	0.096
Goodness -of-fit statistics	CHISQ	2.806
	SLSC	0.019
	PPCC1	0.995
	PPCC2	0.995


[Years]
NW12,
1000.0
500.0
200.0
100.0
50.0
20.0
10.0
5.0
2.0
1.0
Return Period
1.000
0.999
0.998
0.995
0.990
0.980
0.950
0.900
0.800
0.700
0.500
0.300
0.200
0.050
0.010
Probability
2.2
2.3
2.4
2.5
2.6
2.7
2.8
2.9
3.0
3.1
3.2
3.3
3.4
3.5
3.6
3.7
3.8
NW12
[meter]
Points
TGUM/ML
TGUM/ML Confidence limit +
TGUM/ML Confidence limit -

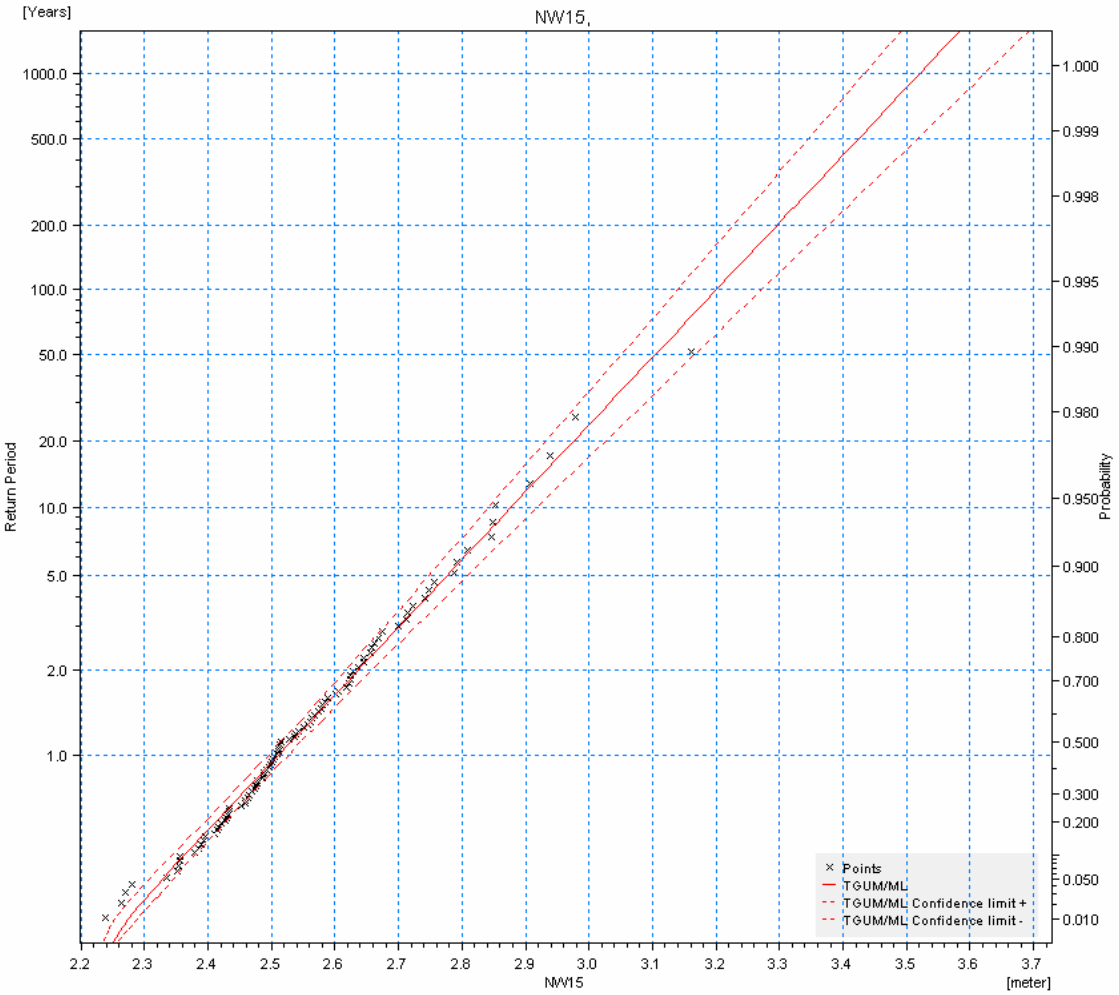
NW12		
		D/E Combination
	Return Period [years]	TGUM/ML
Estimated quantile	1.00	2.547
	2.00	2.684
	5.00	2.837
	10.00	2.946
	20.00	3.053
	25.00	3.087
	50.00	3.193
	100.00	3.298
	200.00	3.403
	500.00	3.542
	1000.00	3.647
Average quantile	1.00	2.547
	2.00	2.685
	5.00	2.839
	10.00	2.949
	20.00	3.057
	25.00	3.091
	50.00	3.198
	100.00	3.304
	200.00	3.410
	500.00	3.550
	1000.00	3.655
Standard deviation	1.00	0.017
	2.00	0.022
	5.00	0.032
	10.00	0.040
	20.00	0.049
	25.00	0.052
	50.00	0.060
	100.00	0.069
	200.00	0.078
	500.00	0.090
	1000.00	0.099
Goodness -of-fit statistics	CHISQ	3.660
	SLSC	0.022
	PPCC1	0.994
	PPCC2	0.994


[Years]
NW13,
Return Period
1000.0
500.0
200.0
100.0
50.0
20.0
10.0
5.0
2.0
1.0
1.000
0.999
0.998
0.995
0.990
0.980
0.950
0.900
0.800
0.700
0.500
0.300
0.200
0.050
0.010
Probability
2.2
2.3
2.4
2.5
2.6
2.7
2.8
2.9
3.0
3.1
3.2
3.3
3.4
3.5
3.6
3.7
3.8
NW13
[meter]
Points
TGUM/ML
TGUM/ML Confidence limit +
TGUM/ML Confidence limit -

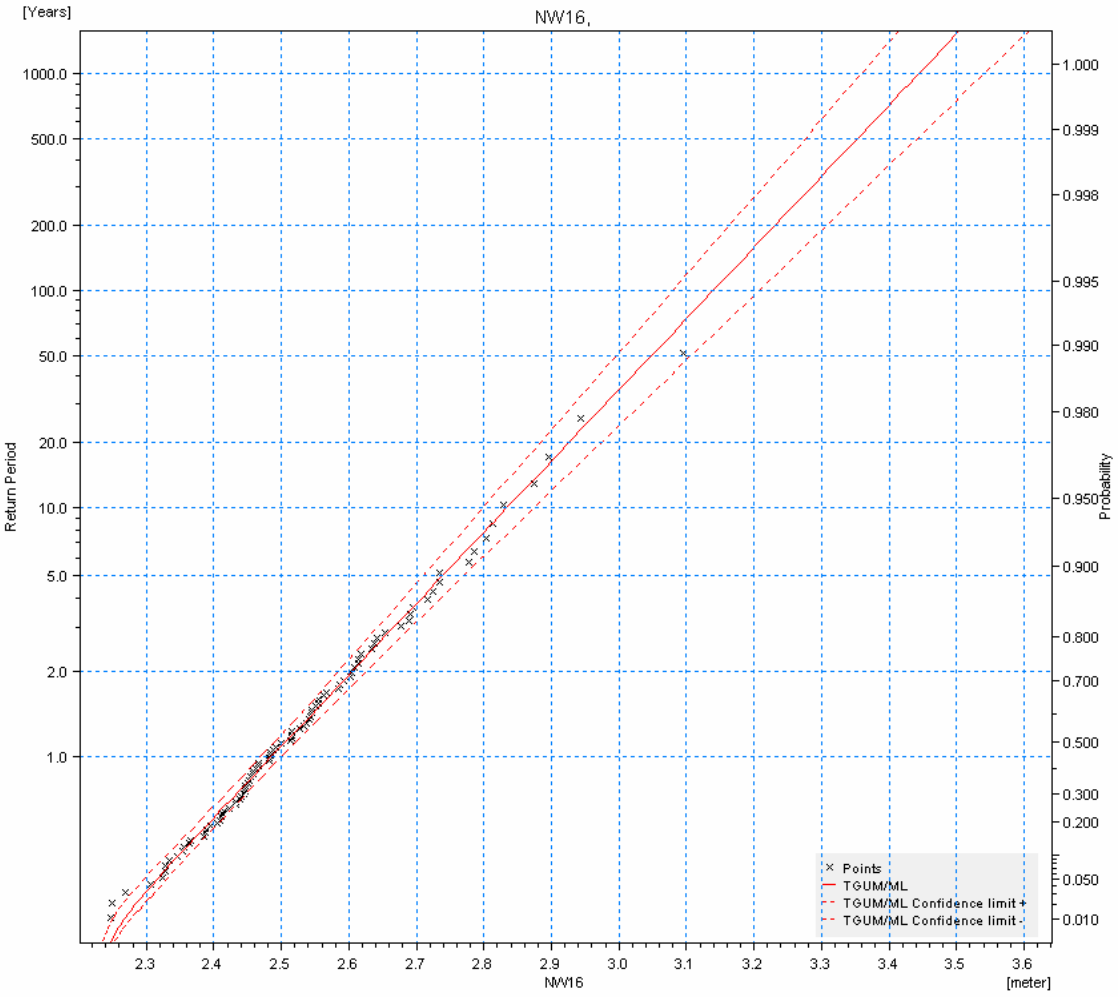
NW13		
		D/E Combination
	Return Period [years]	TGUM/ML
Estimated quantile	1.00	2.557
	2.00	2.695
	5.00	2.849
	10.00	2.959
	20.00	3.067
	25.00	3.102
	50.00	3.208
	100.00	3.314
	200.00	3.420
	500.00	3.560
	1000.00	3.666
Average quantile	1.00	2.557
	2.00	2.696
	5.00	2.852
	10.00	2.963
	20.00	3.071
	25.00	3.106
	50.00	3.213
	100.00	3.320
	200.00	3.427
	500.00	3.568
	1000.00	3.674
Standard deviation	1.00	0.017
	2.00	0.022
	5.00	0.032
	10.00	0.041
	20.00	0.049
	25.00	0.052
	50.00	0.061
	100.00	0.069
	200.00	0.078
	500.00	0.090
	1000.00	0.099
Goodness -of-fit statistics	CHISQ	1.532
	SLSC	0.022
	PPCC1	0.994
	PPCC2	0.994


[Years]
NW14,
1000.0
500.0
200.0
100.0
50.0
20.0
10.0
5.0
2.0
1.0
Return Period
1.000
0.999
0.998
0.995
0.990
0.980
0.950
0.900
0.800
0.700
0.500
0.300
0.200
0.050
0.010
Probability
2.2
2.3
2.4
2.5
2.6
2.7
2.8
2.9
3.0
3.1
3.2
3.3
3.4
3.5
3.6
3.7
3.8
NW14
[meter]
Points
TGUM/ML
TGUM/ML Confidence limit +
TGUM/ML Confidence limit -

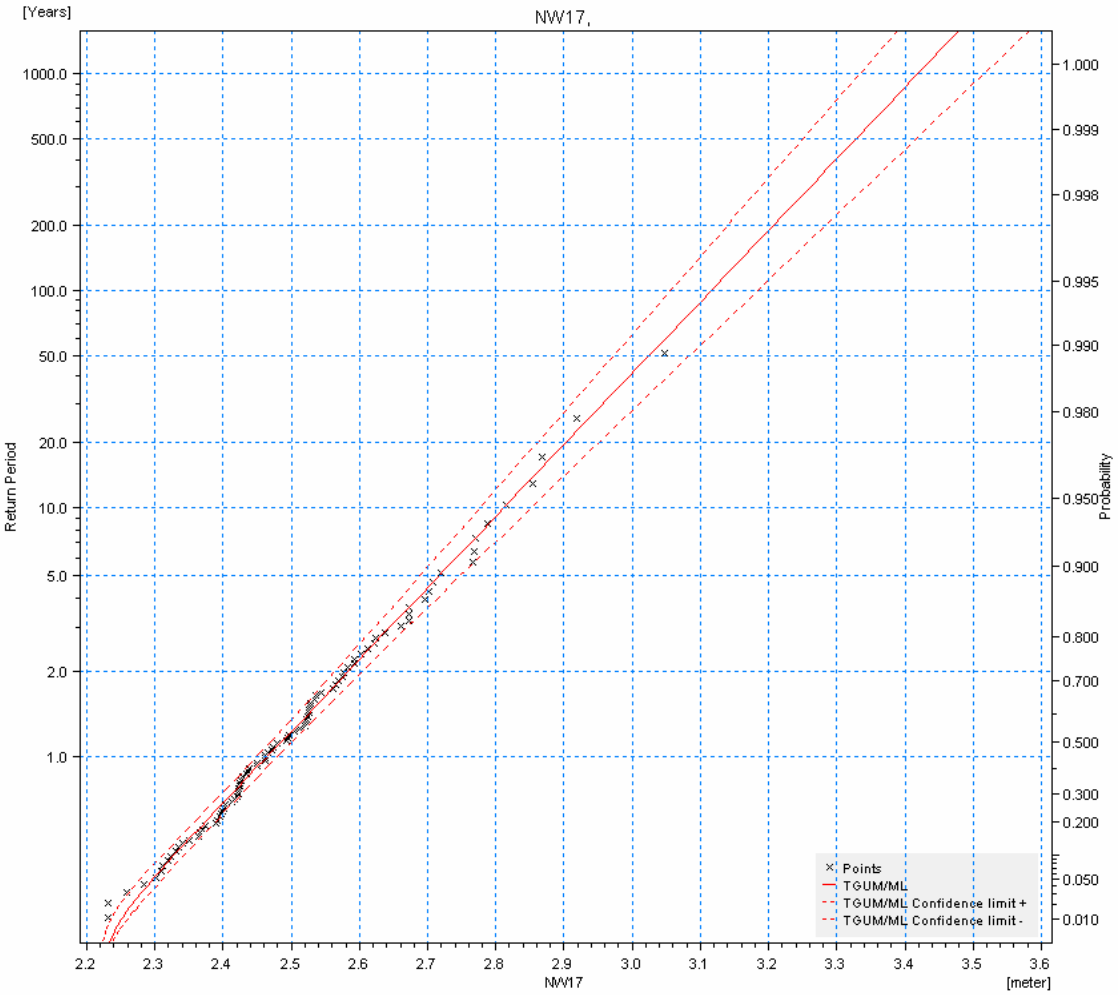
NW14		
		D/E Combination
	Return Period [years]	TGUM/ML
Estimated quantile	1.00	2.541
	2.00	2.675
	5.00	2.825
	10.00	2.933
	20.00	3.038
	25.00	3.071
	50.00	3.175
	100.00	3.278
	200.00	3.381
	500.00	3.517
	1000.00	3.620
Average quantile	1.00	2.541
	2.00	2.676
	5.00	2.828
	10.00	2.936
	20.00	3.042
	25.00	3.075
	50.00	3.180
	100.00	3.284
	200.00	3.388
	500.00	3.525
	1000.00	3.629
Standard deviation	1.00	0.017
	2.00	0.022
	5.00	0.032
	10.00	0.040
	20.00	0.049
	25.00	0.051
	50.00	0.060
	100.00	0.069
	200.00	0.078
	500.00	0.090
	1000.00	0.099
Goodness -of-fit statistics	CHISQ	4.723
	SLSC	0.020
	PPCC1	0.995
	PPCC2	0.995


[Years]
NW15,
1000.0
500.0
200.0
100.0
50.0
20.0
10.0
5.0
2.0
1.0
Return Period
1.000
0.999
0.998
0.995
0.990
0.980
0.950
0.900
0.800
0.700
0.500
0.300
0.200
0.050
0.010
Probability
2.2
2.3
2.4
2.5
2.6
2.7
2.8
2.9
3.0
3.1
3.2
3.3
3.4
3.5
3.6
3.7
NW15
[meter]
Points
TGUM/ML
TGUM/ML Confidence limit +
TGUM/ML Confidence limit -

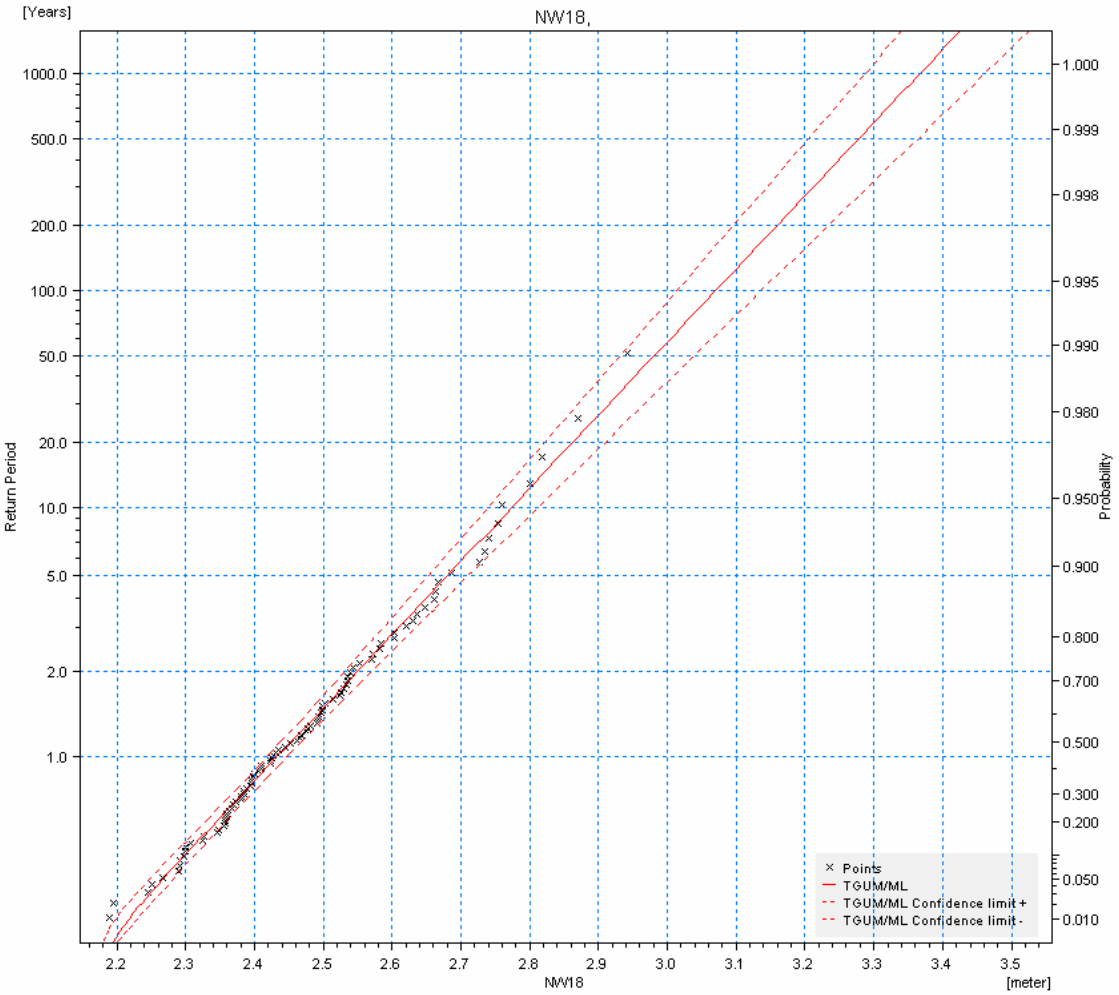
NW15		
		D/E Combination
	Return Period [years]	TGUM/ML
Estimated quantile	1.00	2.511
	2.00	2.637
	5.00	2.777
	10.00	2.878
	20.00	2.976
	25.00	3.007
	50.00	3.104
	100.00	3.201
	200.00	3.297
	500.00	3.424
	1000.00	3.520
Average quantile	1.00	2.511
	2.00	2.638
	5.00	2.779
	10.00	2.880
	20.00	2.979
	25.00	3.011
	50.00	3.108
	100.00	3.206
	200.00	3.303
	500.00	3.431
	1000.00	3.528
Standard deviation	1.00	0.016
	2.00	0.021
	5.00	0.031
	10.00	0.039
	20.00	0.047
	25.00	0.050
	50.00	0.058
	100.00	0.066
	200.00	0.075
	500.00	0.086
	1000.00	0.095
Goodness -of-fit statistics	CHISQ	3.452
	SLSC	0.016
	PPCC1	0.997
	PPCC2	0.997


[Years]
NW16,
1000.0
500.0
200.0
100.0
50.0
20.0
10.0
5.0
2.0
1.0
Return Period
1.000
0.999
0.998
0.995
0.990
0.980
0.950
0.900
0.800
0.700
0.500
0.300
0.200
0.050
0.010
Probability
2.3
2.4
2.5
2.6
2.7
2.8
2.9
3.0
3.1
3.2
3.3
3.4
3.5
3.6
NW16
[meter]
Points
TGUM/ML
TGUM/ML Confidence limit +
TGUM/ML Confidence limit -

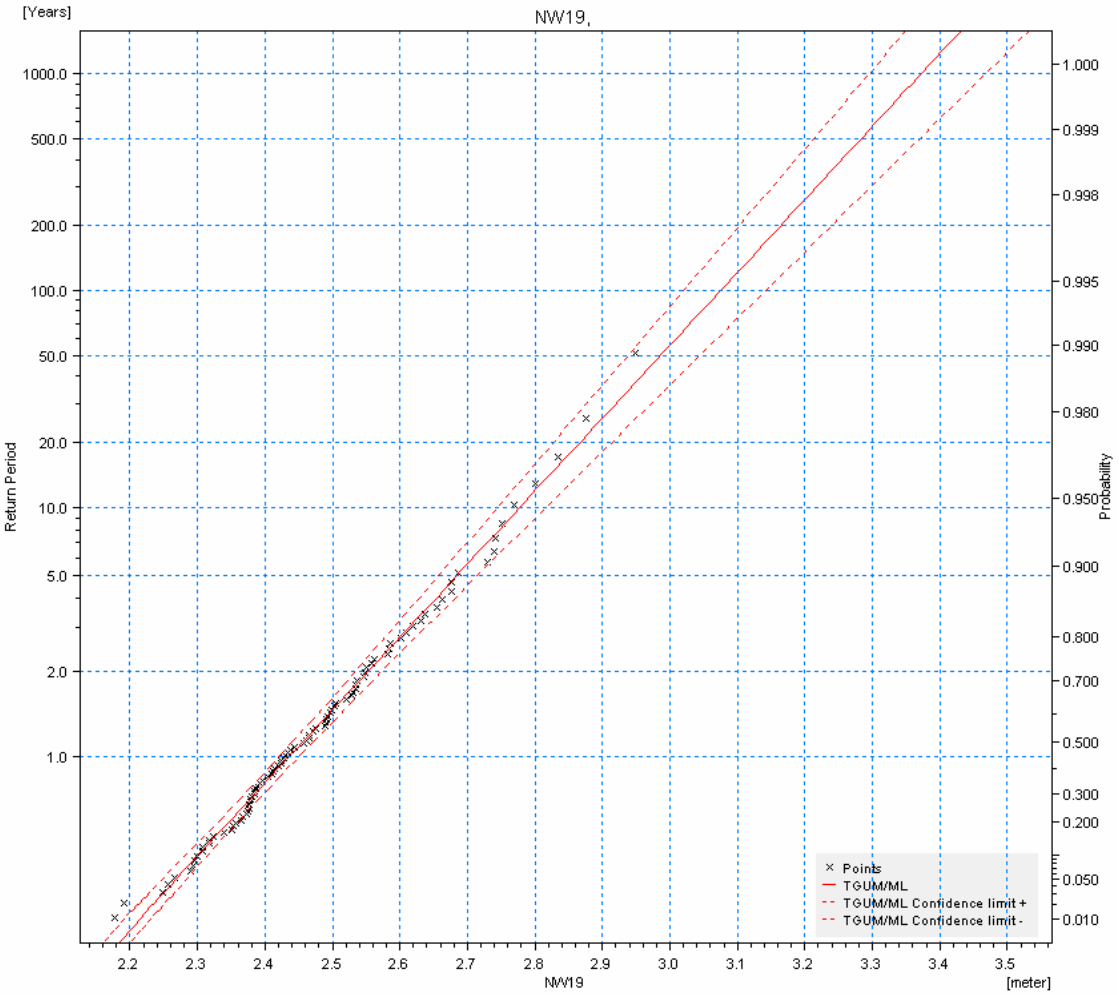
NW16		
		D/E Combination
	Return Period [years]	TGUM/ML
Estimated quantile	1.00	2.485
	2.00	2.605
	5.00	2.739
	10.00	2.834
	20.00	2.927
	25.00	2.957
	50.00	3.049
	100.00	3.140
	200.00	3.232
	500.00	3.352
	1000.00	3.444
Average quantile	1.00	2.485
	2.00	2.606
	5.00	2.740
	10.00	2.836
	20.00	2.930
	25.00	2.960
	50.00	3.052
	100.00	3.144
	200.00	3.236
	500.00	3.358
	1000.00	3.450
Standard deviation	1.00	0.015
	2.00	0.020
	5.00	0.030
	10.00	0.038
	20.00	0.046
	25.00	0.048
	50.00	0.056
	100.00	0.064
	200.00	0.072
	500.00	0.083
	1000.00	0.091
Goodness -of-fit statistics	CHISQ	5.174
	SLSC	0.013
	PPCC1	0.998
	PPCC2	0.998


NW17,
[Years]
Return Period
1000.0
500.0
200.0
100.0
50.0
20.0
10.0
5.0
2.0
1.0
1.000
0.999
0.998
0.995
0.990
0.980
0.950
0.900
0.800
0.700
0.500
0.300
0.200
0.050
0.010
Probability
2.2
2.3
2.4
2.5
2.6
2.7
2.8
2.9
3.0
3.1
3.2
3.3
3.4
3.5
3.6
NW17
[meter]
Points
TGUM/ML
TGUM/ML Confidence limit +
TGUM/ML Confidence limit -

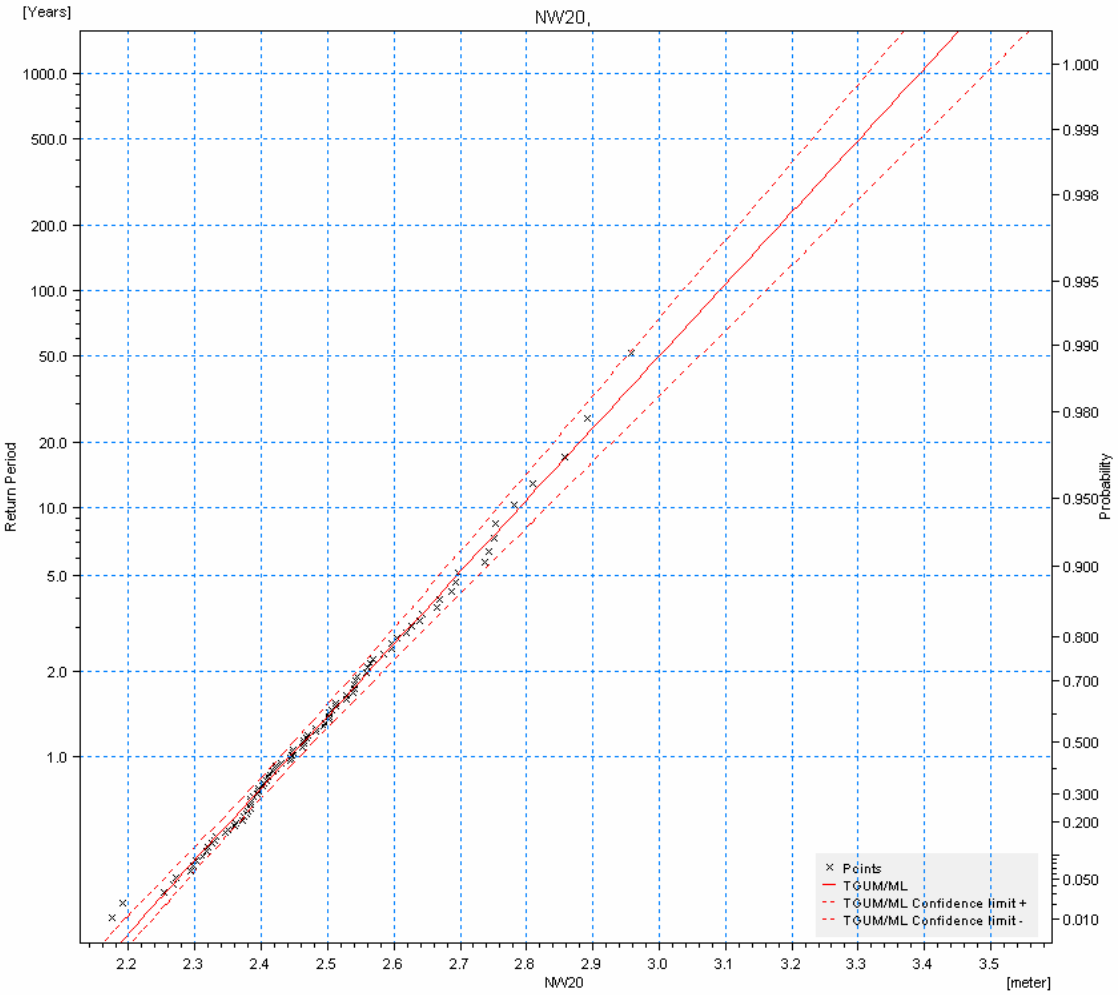
NW17		
		D/E Combination
	Return Period [years]	TGUM/ML
Estimated quantile	1.00	2.465
	2.00	2.584
	5.00	2.717
	10.00	2.812
	20.00	2.904
	25.00	2.934
	50.00	3.026
	100.00	3.117
	200.00	3.208
	500.00	3.328
	1000.00	3.419
Average quantile	1.00	2.465
	2.00	2.585
	5.00	2.719
	10.00	2.814
	20.00	2.907
	25.00	2.937
	50.00	3.029
	100.00	3.121
	200.00	3.212
	500.00	3.333
	1000.00	3.425
Standard deviation	1.00	0.015
	2.00	0.020
	5.00	0.030
	10.00	0.038
	20.00	0.045
	25.00	0.048
	50.00	0.056
	100.00	0.064
	200.00	0.072
	500.00	0.083
	1000.00	0.091
Goodness -of-fit statistics	CHISQ	2.783
	SLSC	0.013
	PPCC1	0.998
	PPCC2	0.998


[Years]
NW18,
1000.0
500.0
200.0
100.0
50.0
20.0
10.0
5.0
2.0
1.0
Return Period
1.000
0.999
0.998
0.995
0.990
0.980
0.950
0.900
0.800
0.700
0.500
0.300
0.200
0.050
0.010
Probability
2.2
2.3
2.4
2.5
2.6
2.7
2.8
2.9
3.0
3.1
3.2
3.3
3.4
3.5
NW18
[meter]
Points
TGUM/ML
TGUM/ML Confidence limit +
TGUM/ML Confidence limit -

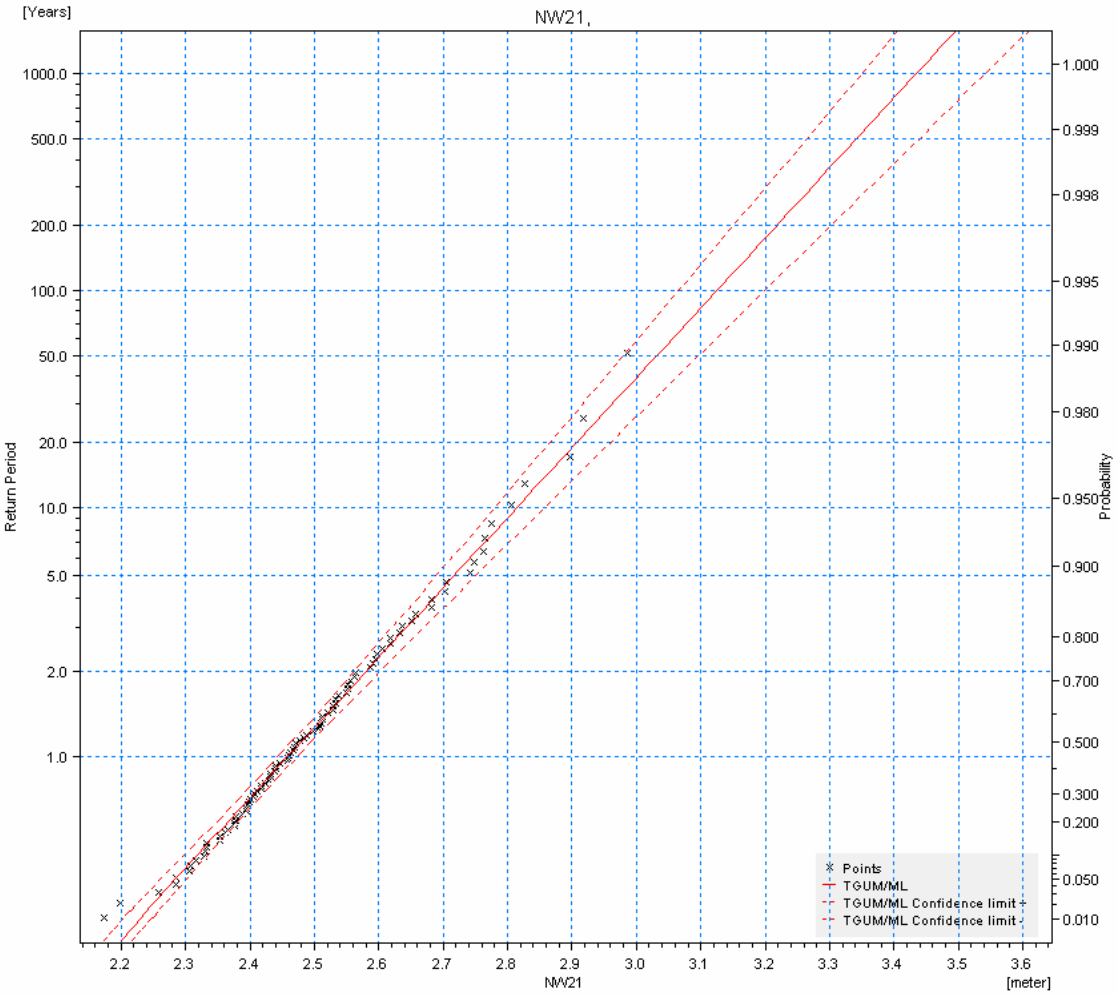
NW18		
		D/E Combination
	Return Period [years]	TGUM/ML
Estimated quantile	1.00	2.433
	2.00	2.550
	5.00	2.680
	10.00	2.773
	20.00	2.863
	25.00	2.892
	50.00	2.982
	100.00	3.071
	200.00	3.160
	500.00	3.278
	1000.00	3.366
Average quantile	1.00	2.433
	2.00	2.551
	5.00	2.682
	10.00	2.775
	20.00	2.867
	25.00	2.896
	50.00	2.986
	100.00	3.076
	200.00	3.166
	500.00	3.284
	1000.00	3.374
Standard deviation	1.00	0.015
	2.00	0.020
	5.00	0.029
	10.00	0.036
	20.00	0.044
	25.00	0.046
	50.00	0.054
	100.00	0.061
	200.00	0.069
	500.00	0.079
	1000.00	0.087
Goodness -of-fit statistics	CHISQ	10.609
	SLSC	0.015
	PPCC1	0.997
	PPCC2	0.997


[Years]
NW19,
Return Period
1000.0
500.0
200.0
100.0
50.0
20.0
10.0
5.0
2.0
1.0
Probability
1.000
0.999
0.998
0.995
0.990
0.980
0.950
0.900
0.800
0.700
0.500
0.300
0.200
0.050
0.010
2.2
2.3
2.4
2.5
2.6
2.7
2.8
2.9
3.0
3.1
3.2
3.3
3.4
3.5
NW19
[meter]
Points
TGUM/ML
TGUM/ML Confidence limit +
TGUM/ML Confidence limit -

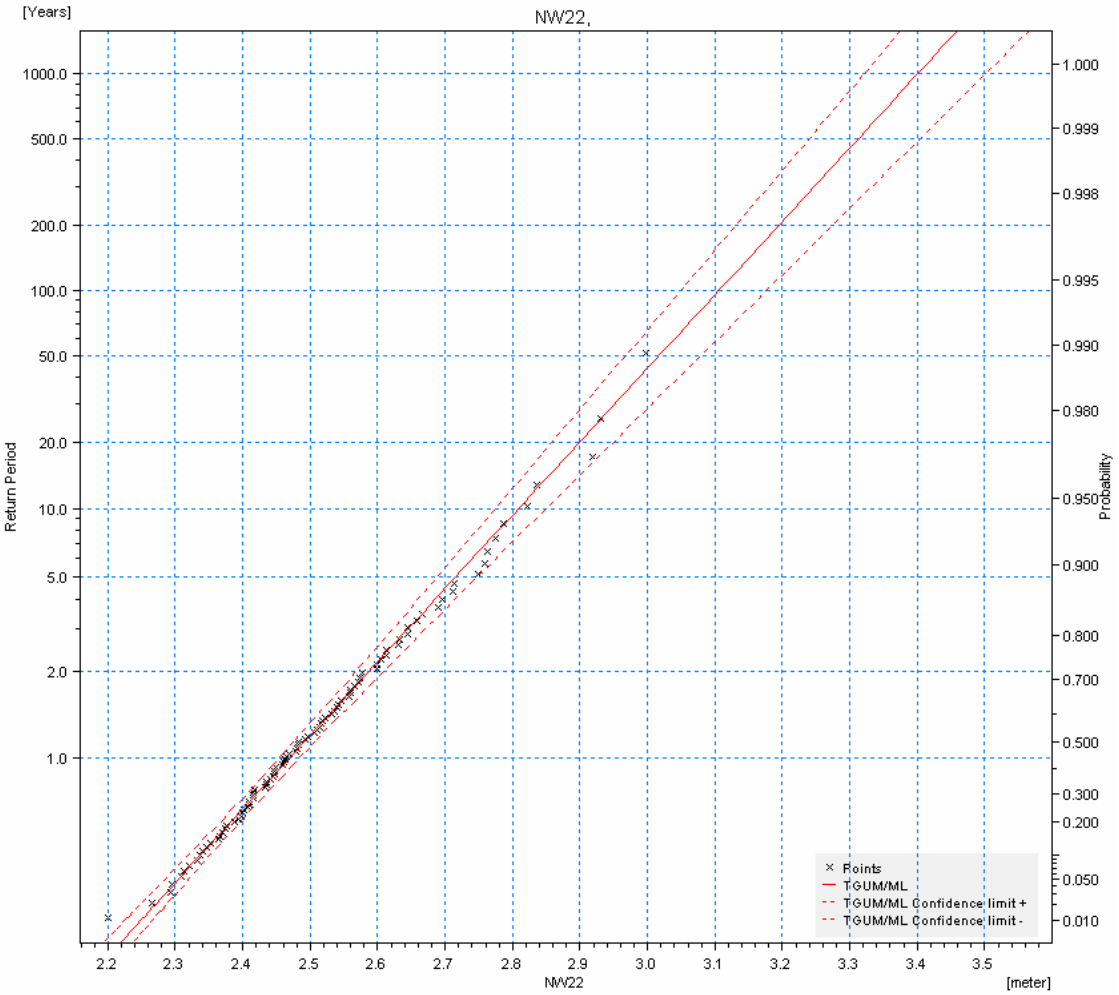
NW19		
		D/E Combination
	Return Period [years]	TGUM/ML
Estimated quantile	1.00	2.436
	2.00	2.553
	5.00	2.684
	10.00	2.777
	20.00	2.868
	25.00	2.897
	50.00	2.986
	100.00	3.076
	200.00	3.165
	500.00	3.283
	1000.00	3.372
Average quantile	1.00	2.436
	2.00	2.554
	5.00	2.686
	10.00	2.780
	20.00	2.872
	25.00	2.901
	50.00	2.992
	100.00	3.082
	200.00	3.172
	500.00	3.291
	1000.00	3.381
Standard deviation	1.00	0.015
	2.00	0.020
	5.00	0.029
	10.00	0.036
	20.00	0.043
	25.00	0.046
	50.00	0.053
	100.00	0.061
	200.00	0.068
	500.00	0.079
	1000.00	0.086
Goodness -of-fit statistics	CHISQ	2.565
	SLSC	0.014
	PPCC1	0.997
	PPCC2	0.997


[Years]
NW20,
1000.0
500.0
200.0
100.0
50.0
20.0
10.0
5.0
2.0
1.0
Return Period
1.000
0.999
0.998
0.995
0.990
0.980
0.950
0.900
0.800
0.700
0.500
0.300
0.200
0.050
0.010
Probability
2.2
2.3
2.4
2.5
2.6
2.7
2.8
2.9
3.0
3.1
3.2
3.3
3.4
3.5
NW20
[meter]
Points
TGUM/ML
TGUM/ML Confidence limit +
TGUM/ML Confidence limit -

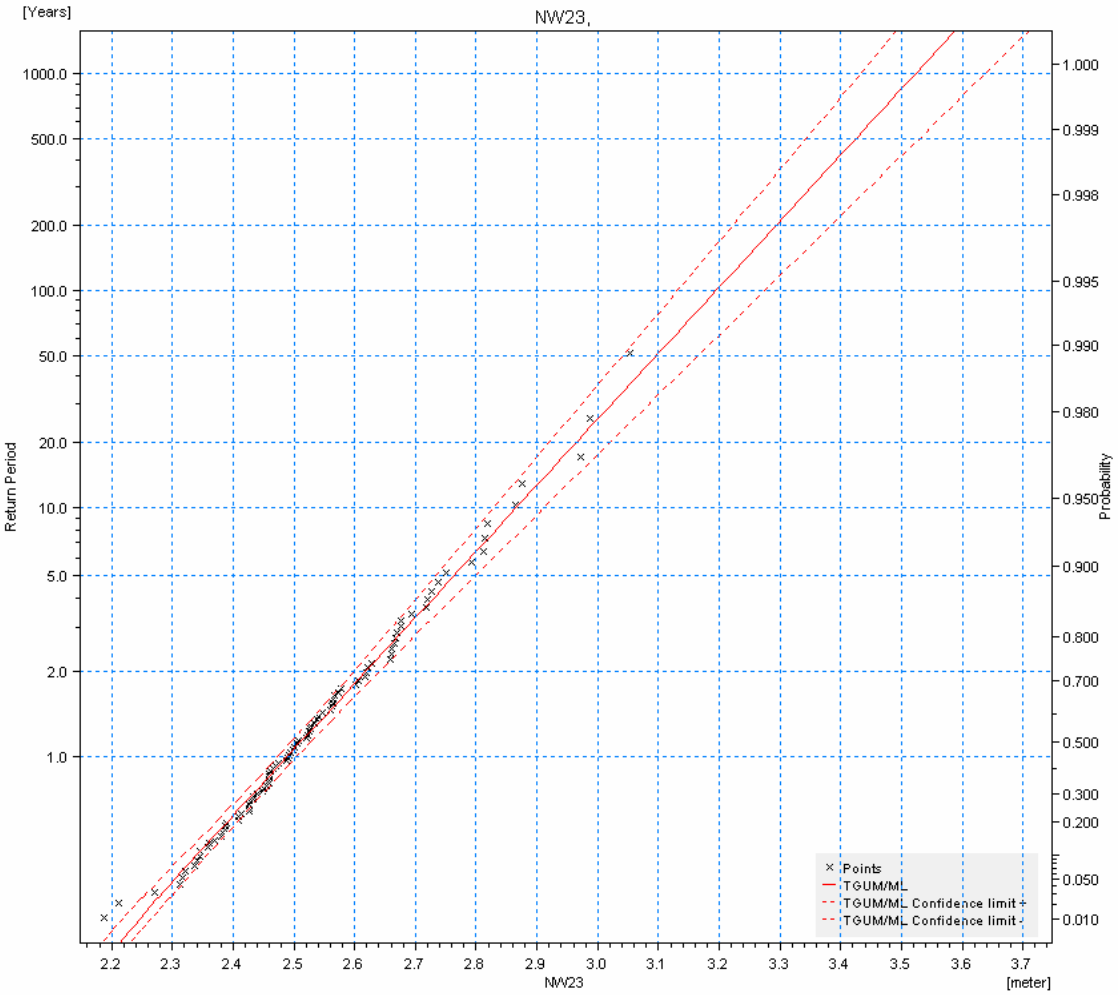
NW20		
		D/E Combination
	Return Period [years]	TGUM/ML
Estimated quantile	1.00	2.444
	2.00	2.563
	5.00	2.695
	10.00	2.789
	20.00	2.881
	25.00	2.910
	50.00	3.001
	100.00	3.092
	200.00	3.182
	500.00	3.302
	1000.00	3.392
Average quantile	1.00	2.444
	2.00	2.564
	5.00	2.697
	10.00	2.793
	20.00	2.886
	25.00	2.915
	50.00	3.007
	100.00	3.099
	200.00	3.190
	500.00	3.311
	1000.00	3.402
Standard deviation	1.00	0.015
	2.00	0.020
	5.00	0.029
	10.00	0.037
	20.00	0.045
	25.00	0.047
	50.00	0.055
	100.00	0.063
	200.00	0.071
	500.00	0.081
	1000.00	0.089
Goodness -of-fit statistics	CHISQ	1.478
	SLSC	0.014
	PPCC1	0.997
	PPCC2	0.997


[Years]
NW21,
1000.0
500.0
200.0
100.0
50.0
20.0
10.0
5.0
2.0
1.0
Return Period
1.000
0.999
0.998
0.995
0.990
0.980
0.950
0.900
0.800
0.700
0.500
0.300
0.200
0.050
0.010
Probability
2.2
2.3
2.4
2.5
2.6
2.7
2.8
2.9
3.0
3.1
3.2
3.3
3.4
3.5
3.6
NW21
[meter]
Points
TGUM/ML
TGUM/ML Confidence limit +
TGUM/ML Confidence limit -

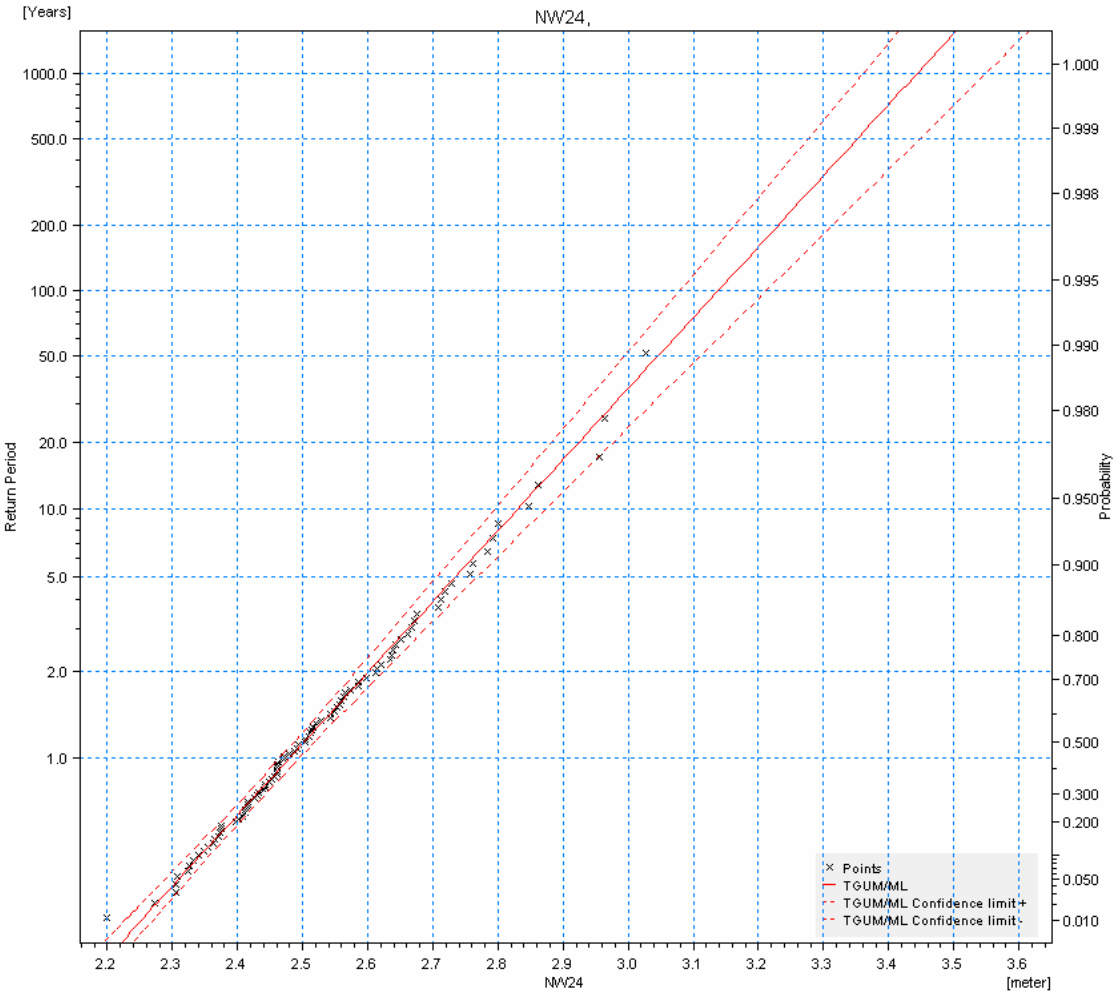
NW21		
		D/E Combination
	Return Period [years]	TGUM/ML
Estimated quantile	1.00	2.459
	2.00	2.581
	5.00	2.717
	10.00	2.814
	20.00	2.909
	25.00	2.939
	50.00	3.032
	100.00	3.126
	200.00	3.218
	500.00	3.341
	1000.00	3.434
Average quantile	1.00	2.459
	2.00	2.583
	5.00	2.720
	10.00	2.818
	20.00	2.914
	25.00	2.944
	50.00	3.039
	100.00	3.133
	200.00	3.227
	500.00	3.352
	1000.00	3.445
Standard deviation	1.00	0.015
	2.00	0.020
	5.00	0.030
	10.00	0.039
	20.00	0.047
	25.00	0.050
	50.00	0.058
	100.00	0.067
	200.00	0.076
	500.00	0.087
	1000.00	0.096
Goodness -of-fit statistics	CHISQ	3.652
	SLSC	0.015
	PPCC1	0.997
	PPCC2	0.997


[Years]
NW22,
1000.0
500.0
200.0
100.0
50.0
20.0
10.0
5.0
2.0
1.0
Return Period
1.000
0.999
0.998
0.995
0.990
0.980
0.950
0.900
0.800
0.700
0.500
0.300
0.200
0.050
0.010
Probability
2.2
2.3
2.4
2.5
2.6
2.7
2.8
2.9
3.0
3.1
3.2
3.3
3.4
3.5
NW22
[meter]
Points
TGUM/ML
TGUM/ML Confidence limit +
TGUM/ML Confidence limit -

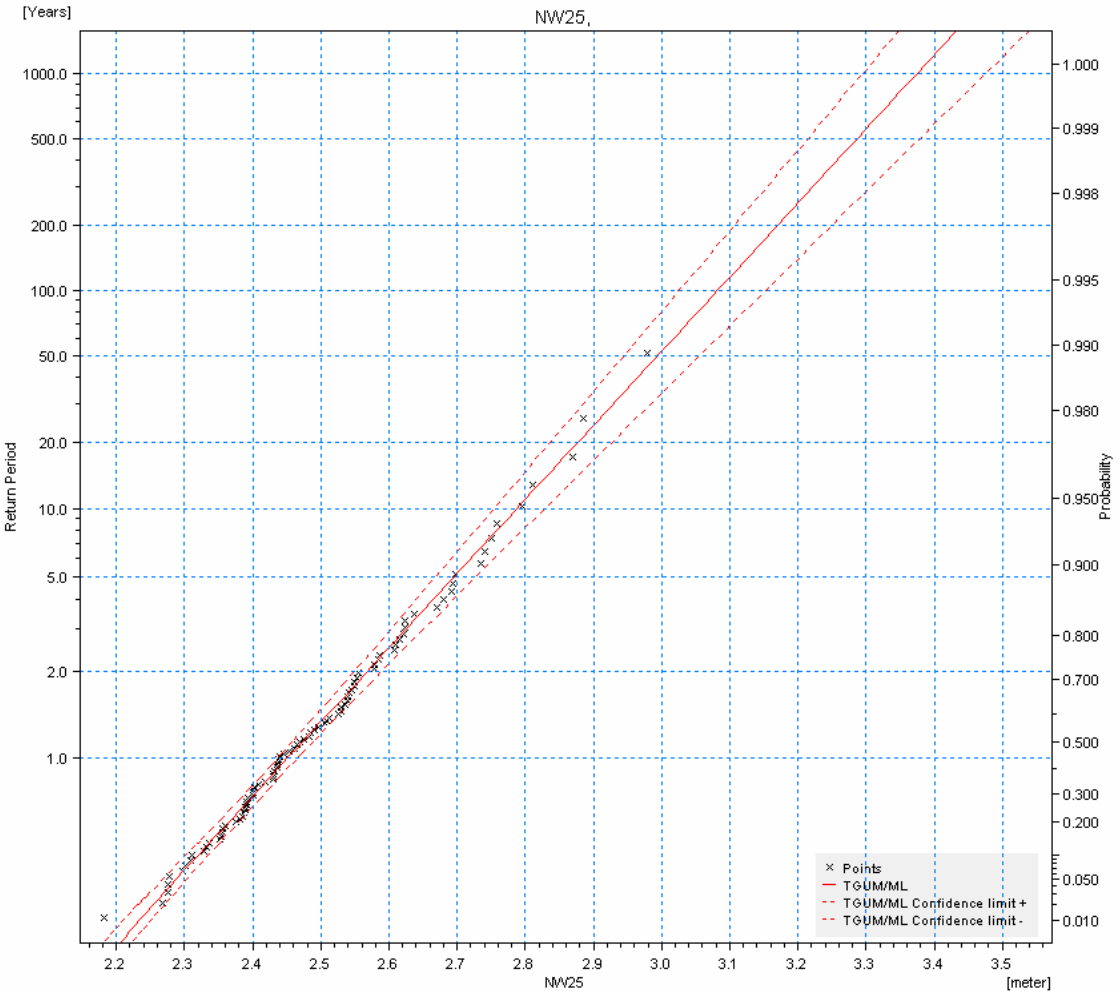
NW22		
		D/E Combination
	Return Period [years]	TGUM/ML
Estimated quantile	1.00	2.470
	2.00	2.587
	5.00	2.716
	10.00	2.809
	20.00	2.899
	25.00	2.928
	50.00	3.017
	100.00	3.106
	200.00	3.195
	500.00	3.312
	1000.00	3.400
Average quantile	1.00	2.470
	2.00	2.588
	5.00	2.719
	10.00	2.812
	20.00	2.904
	25.00	2.933
	50.00	3.023
	100.00	3.113
	200.00	3.203
	500.00	3.321
	1000.00	3.411
Standard deviation	1.00	0.015
	2.00	0.020
	5.00	0.030
	10.00	0.038
	20.00	0.045
	25.00	0.048
	50.00	0.056
	100.00	0.064
	200.00	0.071
	500.00	0.082
	1000.00	0.090
Goodness -of-fit statistics	CHISQ	2.077
	SLSC	0.012
	PPCC1	0.998
	PPCC2	0.998


[Years]
NW23,
1000.0
500.0
200.0
100.0
50.0
20.0
10.0
5.0
2.0
1.0
Return Period
1.000
0.999
0.998
0.995
0.990
0.980
0.950
0.900
0.800
0.700
0.500
0.300
0.200
0.050
0.010
Probability
2.2
2.3
2.4
2.5
2.6
2.7
2.8
2.9
3.0
3.1
3.2
3.3
3.4
3.5
3.6
3.7
NW23
[meter]
Points
TGUM/ML
TGUM/ML Confidence limit
TGUM/ML Confidence limit

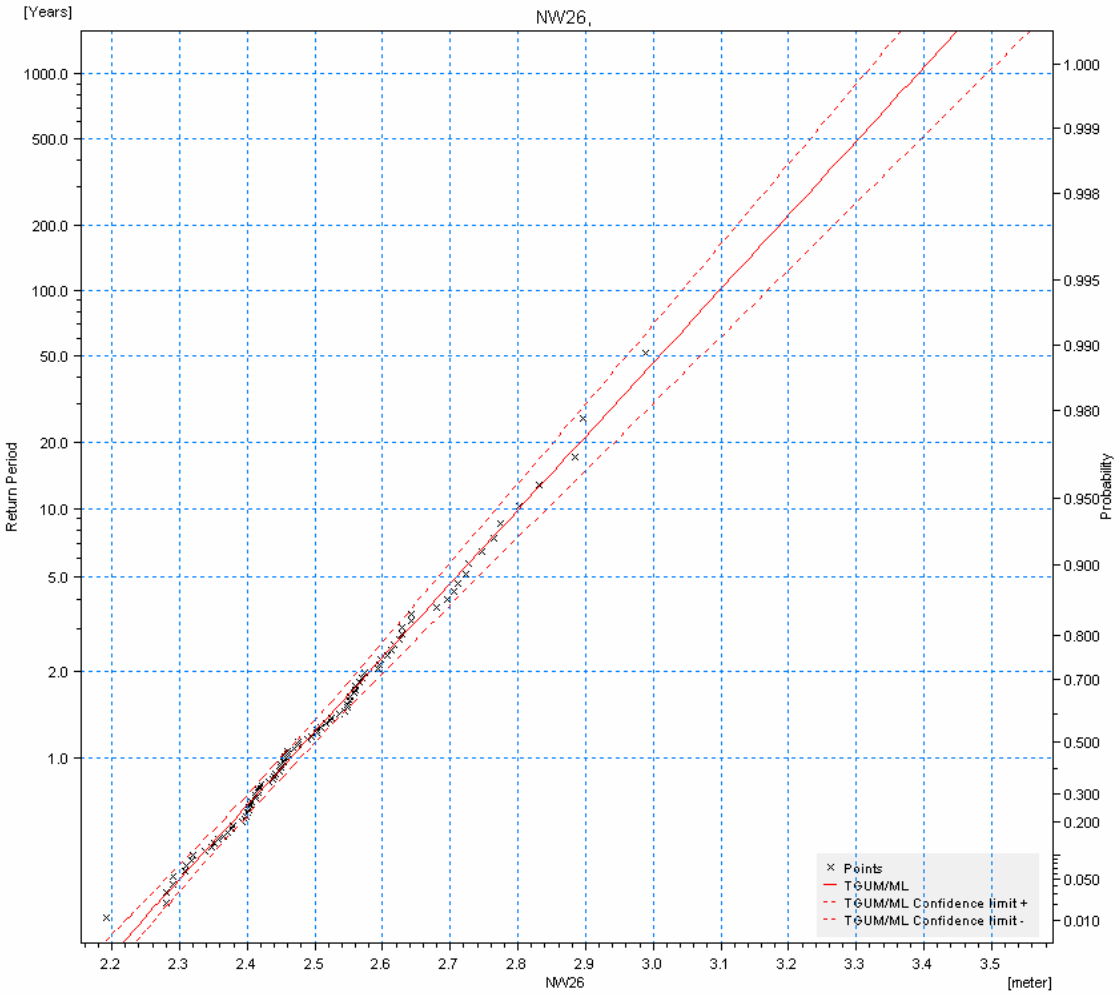
NW23		
		D/E Combination
	Return Period [years]	TGUM/ML
Estimated quantile	1.00	2.490
	2.00	2.619
	5.00	2.763
	10.00	2.865
	20.00	2.966
	25.00	2.998
	50.00	3.097
	100.00	3.196
	200.00	3.294
	500.00	3.424
	1000.00	3.523
Average quantile	1.00	2.490
	2.00	2.620
	5.00	2.766
	10.00	2.870
	20.00	2.971
	25.00	3.004
	50.00	3.104
	100.00	3.204
	200.00	3.304
	500.00	3.435
	1000.00	3.535
Standard deviation	1.00	0.016
	2.00	0.021
	5.00	0.032
	10.00	0.041
	20.00	0.050
	25.00	0.053
	50.00	0.062
	100.00	0.072
	200.00	0.081
	500.00	0.093
	1000.00	0.102
Goodness -of-fit statistics	CHISQ	2.565
	SLSC	0.016
	PPCC1	0.997
	PPCC2	0.997


[Years]
NW24,
Return Period
Probability
1000.0
500.0
200.0
100.0
50.0
20.0
10.0
5.0
2.0
1.0
1.000
0.999
0.998
0.995
0.990
0.980
0.950
0.900
0.800
0.700
0.500
0.300
0.200
0.050
0.010
2.2
2.3
2.4
2.5
2.6
2.7
2.8
2.9
3.0
3.1
3.2
3.3
3.4
3.5
3.6
NW24
[meter]
Points
TGUM/ML
TGUM/ML Confidence limit +
TGUM/ML Confidence limit -

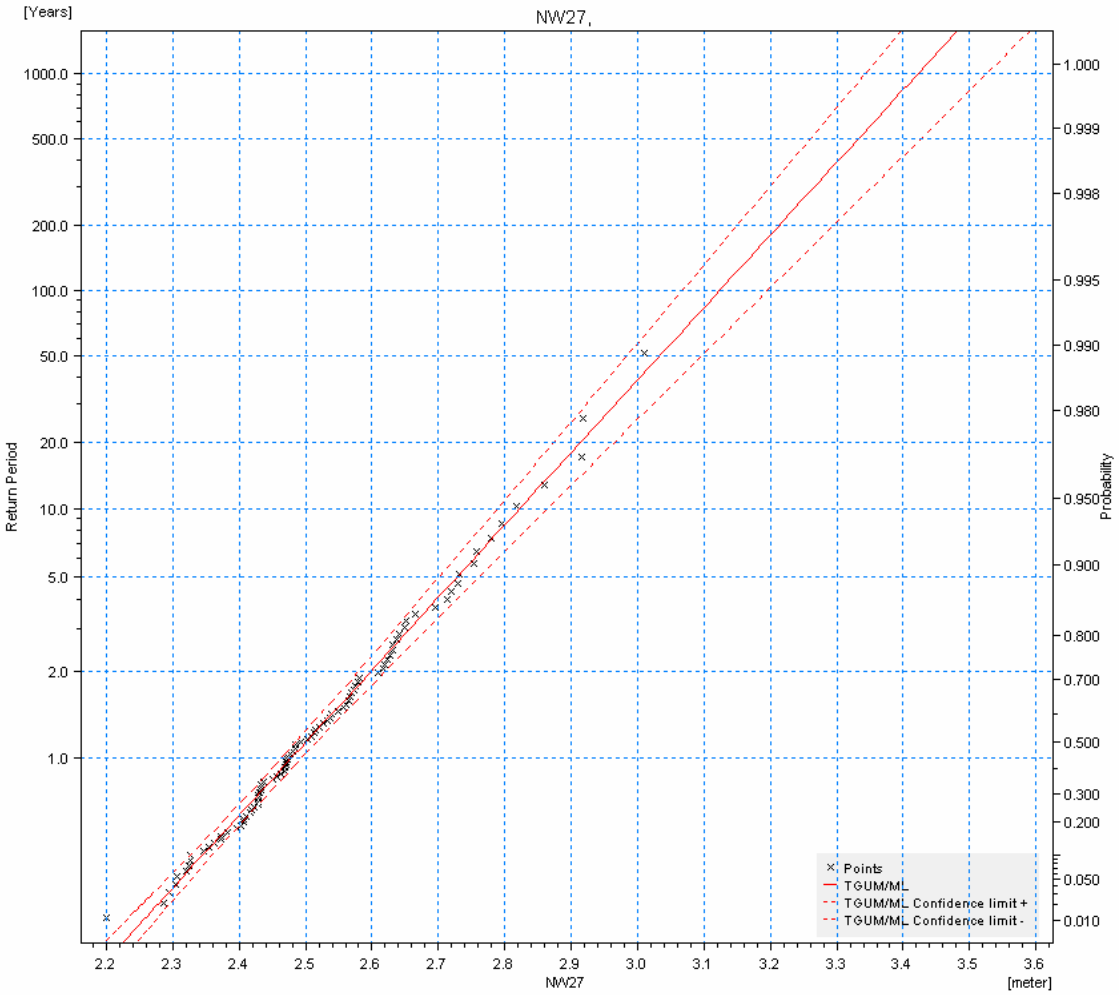
NW24		
		D/E Combination
	Return Period [years]	TGUM/ML
Estimated quantile	1.00	2.480
	2.00	2.601
	5.00	2.736
	10.00	2.831
	20.00	2.924
	25.00	2.954
	50.00	3.047
	100.00	3.138
	200.00	3.230
	500.00	3.351
	1000.00	3.443
Average quantile	1.00	2.480
	2.00	2.603
	5.00	2.738
	10.00	2.835
	20.00	2.930
	25.00	2.960
	50.00	3.053
	100.00	3.146
	200.00	3.239
	500.00	3.361
	1000.00	3.454
Standard deviation	1.00	0.015
	2.00	0.021
	5.00	0.031
	10.00	0.039
	20.00	0.047
	25.00	0.050
	50.00	0.058
	100.00	0.066
	200.00	0.075
	500.00	0.086
	1000.00	0.094
Goodness -of-fit statistics	CHISQ	3.176
	SLSC	0.013
	PPCC1	0.998
	PPCC2	0.998


[Years]
NW25,
1000.0
500.0
200.0
100.0
50.0
20.0
10.0
5.0
2.0
1.0
Return Period
1.000
0.999
0.998
0.995
0.990
0.980
0.950
0.900
0.800
0.700
0.500
0.300
0.200
0.050
0.010
Probability
2.2
2.3
2.4
2.5
2.6
2.7
2.8
2.9
3.0
3.1
3.2
3.3
3.4
3.5
NW25
[meter]
Points
TGUM/ML
TGUM/ML Confidence limit +
TGUM/ML Confidence limit -

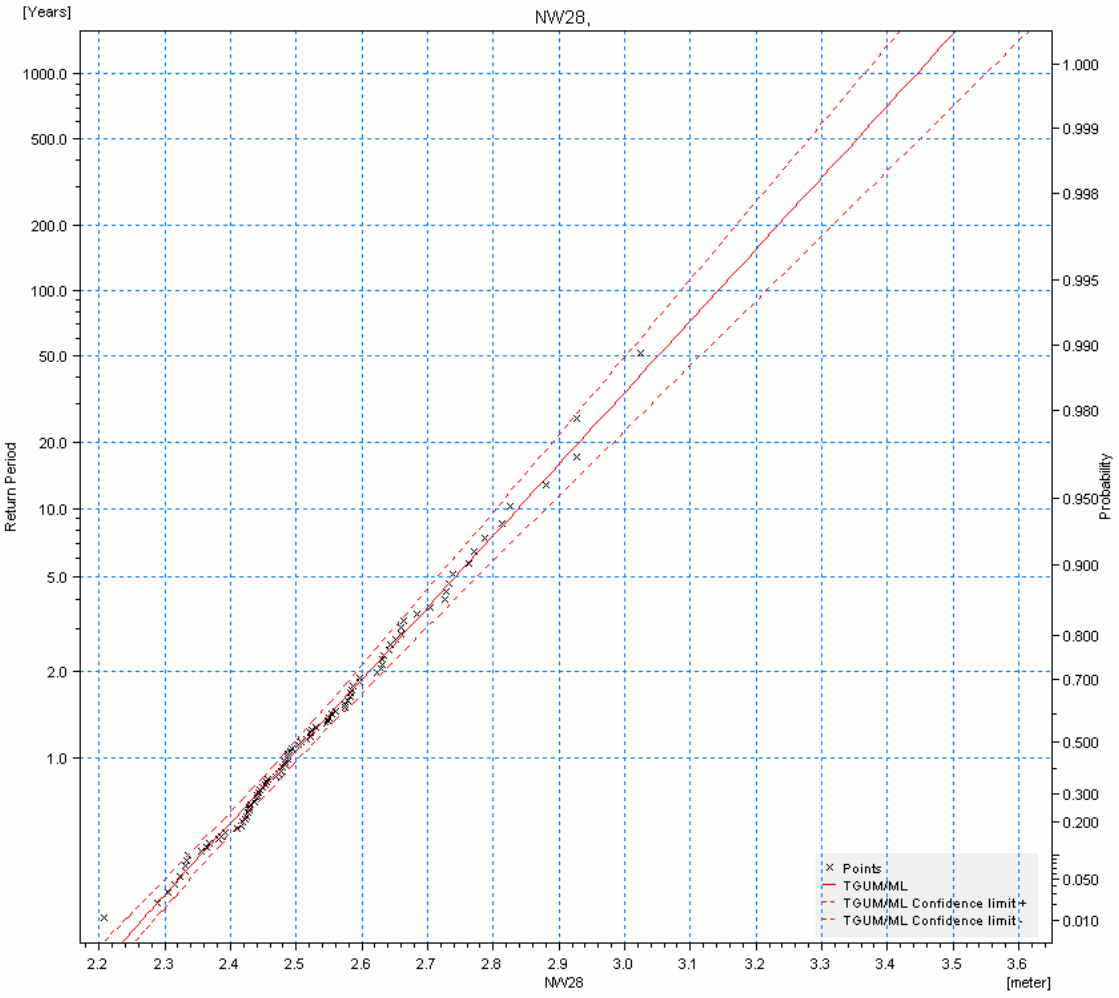
NW25		
		D/E Combination
	Return Period [years]	TGUM/ML
Estimated quantile	1.00	2.452
	2.00	2.567
	5.00	2.696
	10.00	2.788
	20.00	2.877
	25.00	2.906
	50.00	2.994
	100.00	3.082
	200.00	3.170
	500.00	3.286
	1000.00	3.374
Average quantile	1.00	2.452
	2.00	2.569
	5.00	2.699
	10.00	2.791
	20.00	2.882
	25.00	2.911
	50.00	3.000
	100.00	3.089
	200.00	3.178
	500.00	3.296
	1000.00	3.384
Standard deviation	1.00	0.014
	2.00	0.020
	5.00	0.030
	10.00	0.037
	20.00	0.045
	25.00	0.048
	50.00	0.056
	100.00	0.064
	200.00	0.072
	500.00	0.082
	1000.00	0.090
Goodness -of-fit statistics	CHISQ	5.374
	SLSC	0.013
	PPCC1	0.998
	PPCC2	0.998


[Years]
NW26,
1000.0
500.0
200.0
100.0
50.0
20.0
10.0
5.0
2.0
1.0
Return Period
1.000
0.999
0.998
0.995
0.990
0.980
0.950
0.900
0.800
0.700
0.500
0.300
0.200
0.050
0.010
Probability
2.2
2.3
2.4
2.5
2.6
2.7
2.8
2.9
3.0
3.1
3.2
3.3
3.4
3.5
NW26
[meter]
Points
T-GUM/ML
T-GUM/ML Confidence limit +
T-GUM/ML Confidence limit -

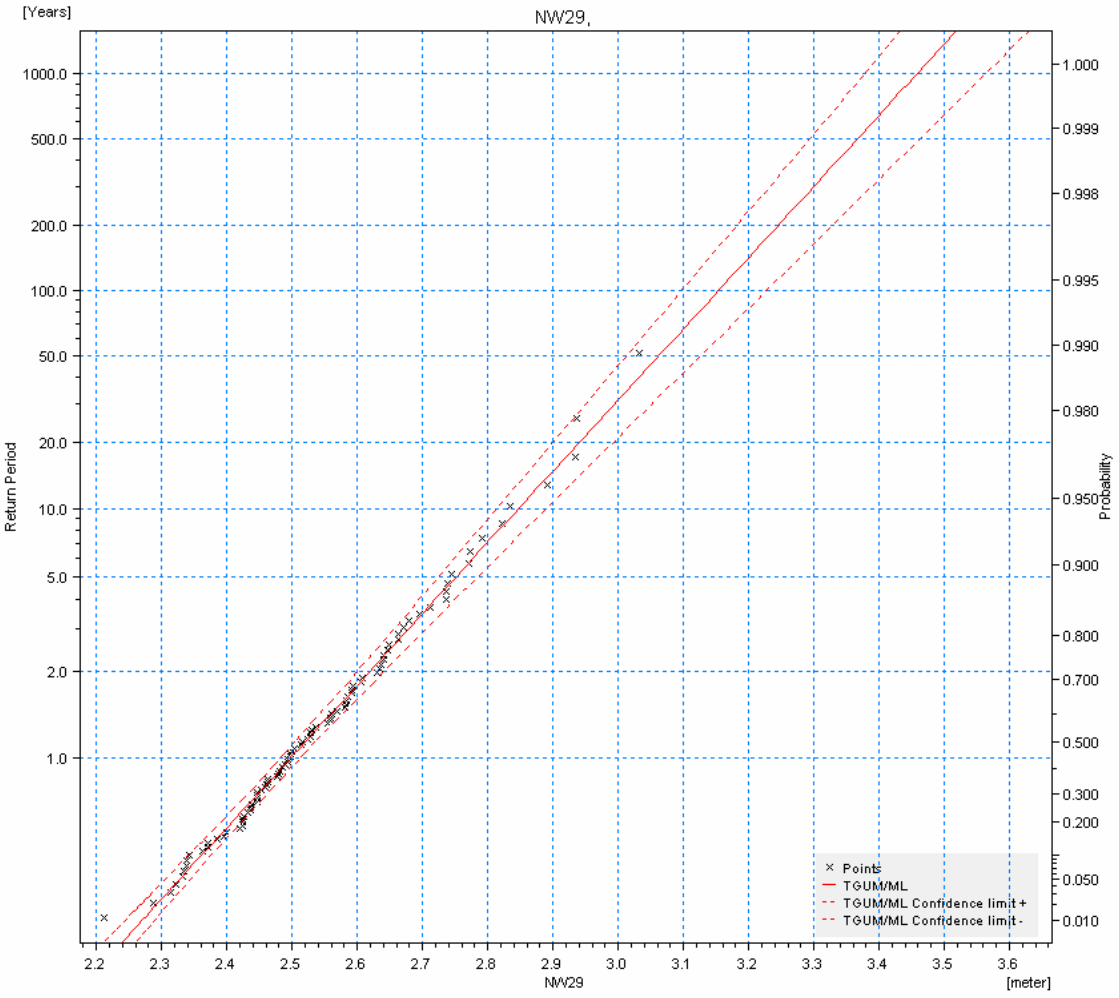
NW26		
		D/E Combination
	Return Period [years]	TGUM/ML
Estimated quantile	1.00	2.465
	2.00	2.581
	5.00	2.710
	10.00	2.802
	20.00	2.892
	25.00	2.921
	50.00	3.010
	100.00	3.098
	200.00	3.186
	500.00	3.303
	1000.00	3.391
Average quantile	1.00	2.465
	2.00	2.582
	5.00	2.713
	10.00	2.806
	20.00	2.897
	25.00	2.926
	50.00	3.016
	100.00	3.106
	200.00	3.195
	500.00	3.313
	1000.00	3.402
Standard deviation	1.00	0.015
	2.00	0.020
	5.00	0.030
	10.00	0.037
	20.00	0.045
	25.00	0.047
	50.00	0.055
	100.00	0.063
	200.00	0.071
	500.00	0.082
	1000.00	0.090
Goodness -of-fit statistics	CHISQ	2.297
	SLSC	0.013
	PPCC1	0.998
	PPCC2	0.998


[Years]
NW27,
1000.0
500.0
200.0
100.0
50.0
20.0
10.0
5.0
2.0
1.0
Return Period
1.000
0.999
0.998
0.995
0.990
0.980
0.950
0.900
0.800
0.700
0.500
0.300
0.200
0.050
0.010
Probability
2.2
2.3
2.4
2.5
2.6
2.7
2.8
2.9
3.0
3.1
3.2
3.3
3.4
3.5
3.6
NW27
[meter]
Points
TGUM/ML
TGUM/ML Confidence limit +
TGUM/ML Confidence limit -

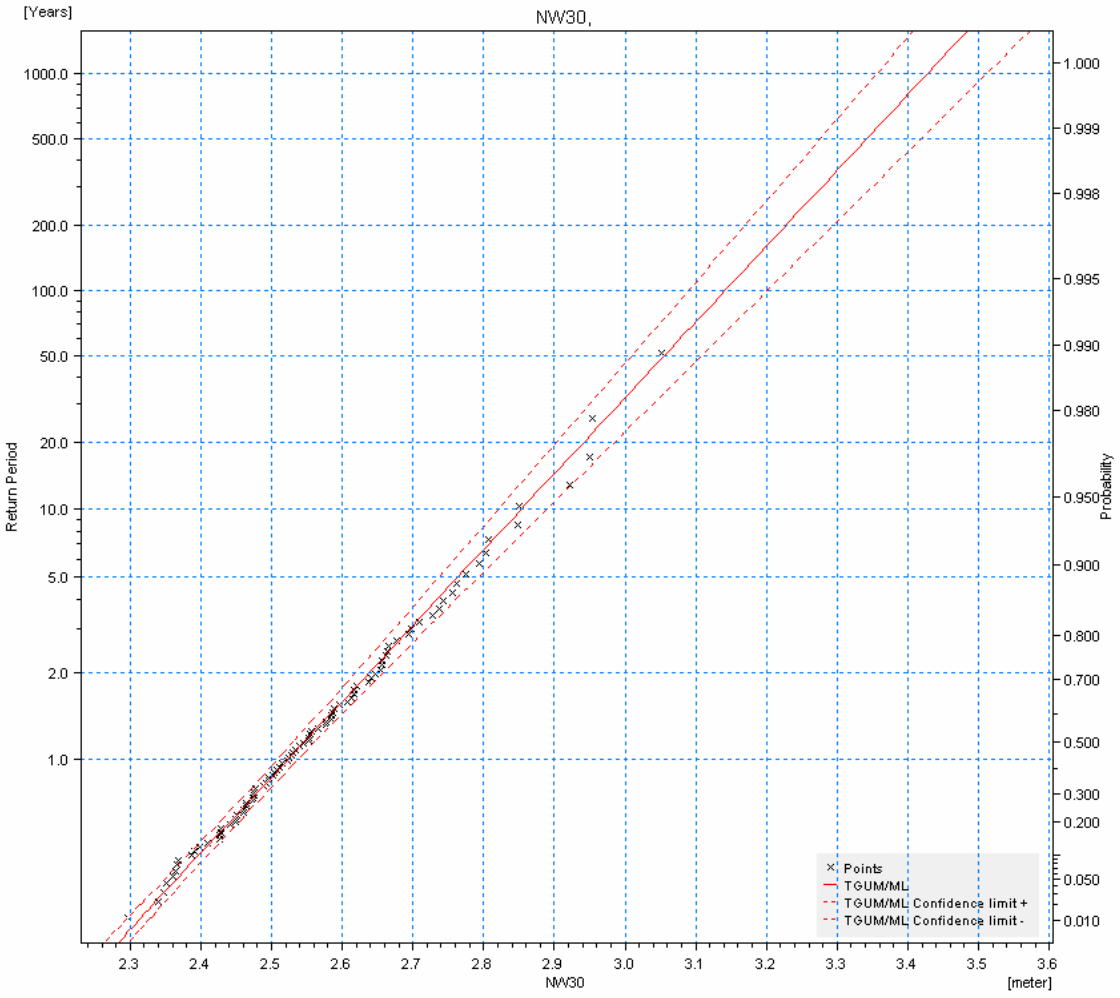
NW27		
		D/E Combination
	Return Period [years]	TGUM/ML
Estimated quantile	1.00	2.479
	2.00	2.598
	5.00	2.729
	10.00	2.823
	20.00	2.914
	25.00	2.943
	50.00	3.034
	100.00	3.124
	200.00	3.213
	500.00	3.332
	1000.00	3.422
Average quantile	1.00	2.479
	2.00	2.599
	5.00	2.732
	10.00	2.827
	20.00	2.920
	25.00	2.949
	50.00	3.041
	100.00	3.132
	200.00	3.223
	500.00	3.343
	1000.00	3.434
Standard deviation	1.00	0.015
	2.00	0.020
	5.00	0.030
	10.00	0.038
	20.00	0.046
	25.00	0.048
	50.00	0.056
	100.00	0.064
	200.00	0.072
	500.00	0.083
	1000.00	0.091
Goodness -of-fit statistics	CHISQ	1.857
	SLSC	0.014
	PPCC1	0.997
	PPCC2	0.997


[Years]
NW28,
Return Period
1000.0
500.0
200.0
100.0
50.0
20.0
10.0
5.0
2.0
1.0
Probability
1.000
0.999
0.998
0.995
0.990
0.980
0.950
0.900
0.800
0.700
0.500
0.300
0.200
0.050
0.010
2.2
2.3
2.4
2.5
2.6
2.7
2.8
2.9
3.0
3.1
3.2
3.3
3.4
3.5
3.6
NW28
[meter]
Points
TGUM/ML
TGUM/ML Confidence limit +
TGUM/ML Confidence limit -

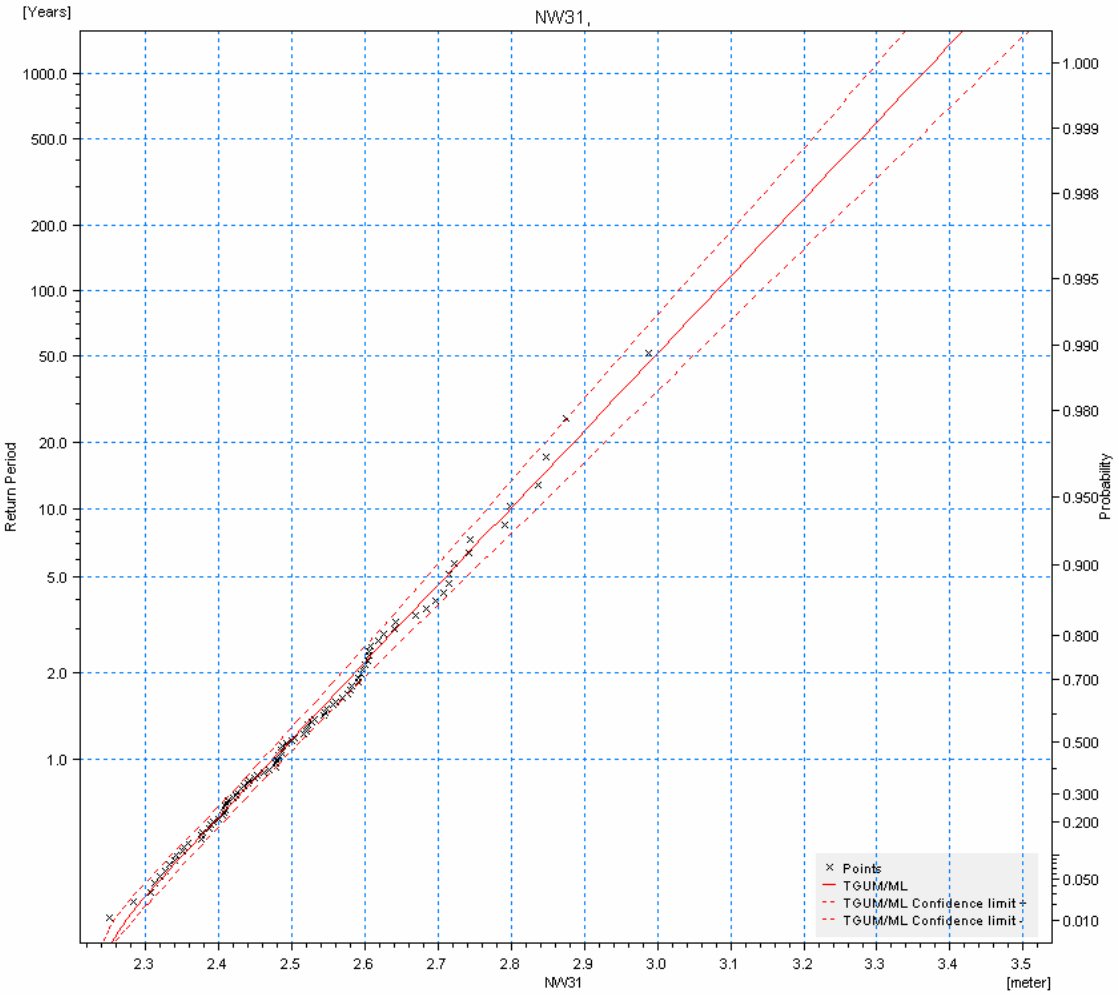
NW28		
		D/E Combination
	Return Period [years]	TGUM/ML
Estimated quantile	1.00	2.491
	2.00	2.610
	5.00	2.743
	10.00	2.838
	20.00	2.931
	25.00	2.960
	50.00	3.052
	100.00	3.143
	200.00	3.234
	500.00	3.354
	1000.00	3.444
Average quantile	1.00	2.491
	2.00	2.612
	5.00	2.747
	10.00	2.842
	20.00	2.936
	25.00	2.966
	50.00	3.059
	100.00	3.151
	200.00	3.243
	500.00	3.365
	1000.00	3.456
Standard deviation	1.00	0.015
	2.00	0.020
	5.00	0.030
	10.00	0.038
	20.00	0.046
	25.00	0.049
	50.00	0.057
	100.00	0.065
	200.00	0.073
	500.00	0.084
	1000.00	0.093
Goodness -of-fit statistics	CHISQ	3.615
	SLSC	0.015
	PPCC1	0.997
	PPCC2	0.997


[Years]
NW29,
Return Period
Probability
1000.0
500.0
200.0
100.0
50.0
20.0
10.0
5.0
2.0
1.0
1.000
0.999
0.998
0.995
0.990
0.980
0.950
0.900
0.800
0.700
0.500
0.300
0.200
0.050
0.010
2.2
2.3
2.4
2.5
2.6
2.7
2.8
2.9
3.0
3.1
3.2
3.3
3.4
3.5
3.6
NW29
[meter]
Points
TGUM/ML
TGUM/ML Confidence limit +
TGUM/ML Confidence limit -

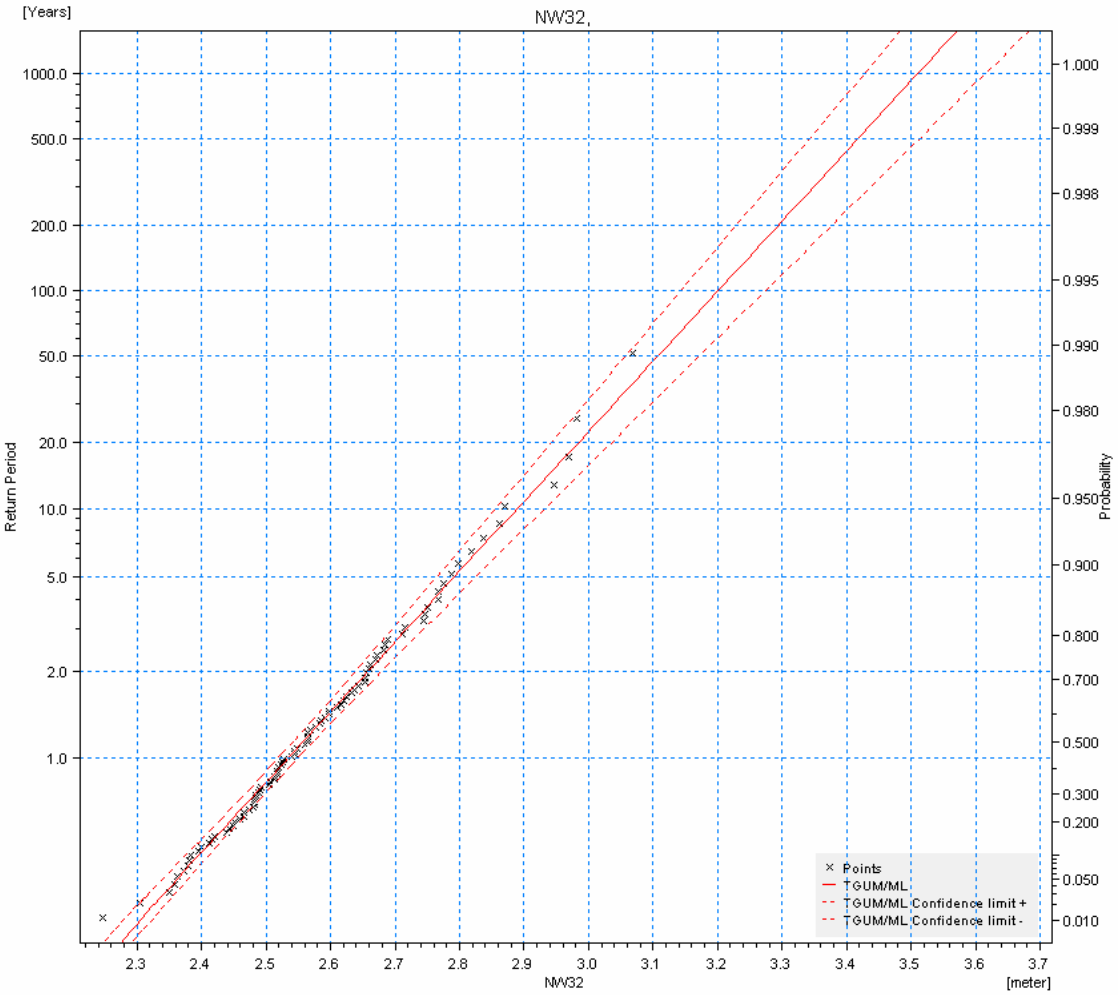
NW29		
		D/E Combination
	Return Period [years]	TGUM/ML
Estimated quantile	1.00	2.498
	2.00	2.618
	5.00	2.752
	10.00	2.848
	20.00	2.941
	25.00	2.970
	50.00	3.063
	100.00	3.154
	200.00	3.246
	500.00	3.366
	1000.00	3.458
Average quantile	1.00	2.498
	2.00	2.620
	5.00	2.756
	10.00	2.852
	20.00	2.946
	25.00	2.977
	50.00	3.070
	100.00	3.163
	200.00	3.255
	500.00	3.378
	1000.00	3.470
Standard deviation	1.00	0.015
	2.00	0.020
	5.00	0.030
	10.00	0.038
	20.00	0.046
	25.00	0.049
	50.00	0.057
	100.00	0.065
	200.00	0.073
	500.00	0.084
	1000.00	0.093
Goodness -of-fit statistics	CHISQ	2.077
	SLSC	0.014
	PPCC1	0.997
	PPCC2	0.997


[Years]
NW30,
1000.0
500.0
200.0
100.0
50.0
20.0
10.0
5.0
2.0
1.0
Return Period
1.000
0.999
0.998
0.995
0.990
0.980
0.950
0.900
0.800
0.700
0.500
0.300
0.200
0.050
0.010
Probability
2.3
2.4
2.5
2.6
2.7
2.8
2.9
3.0
3.1
3.2
3.3
3.4
3.5
3.6
NW30
[meter]
Points
TGUM/ML
TGUM/ML Confidence limit +
TGUM/ML Confidence limit -

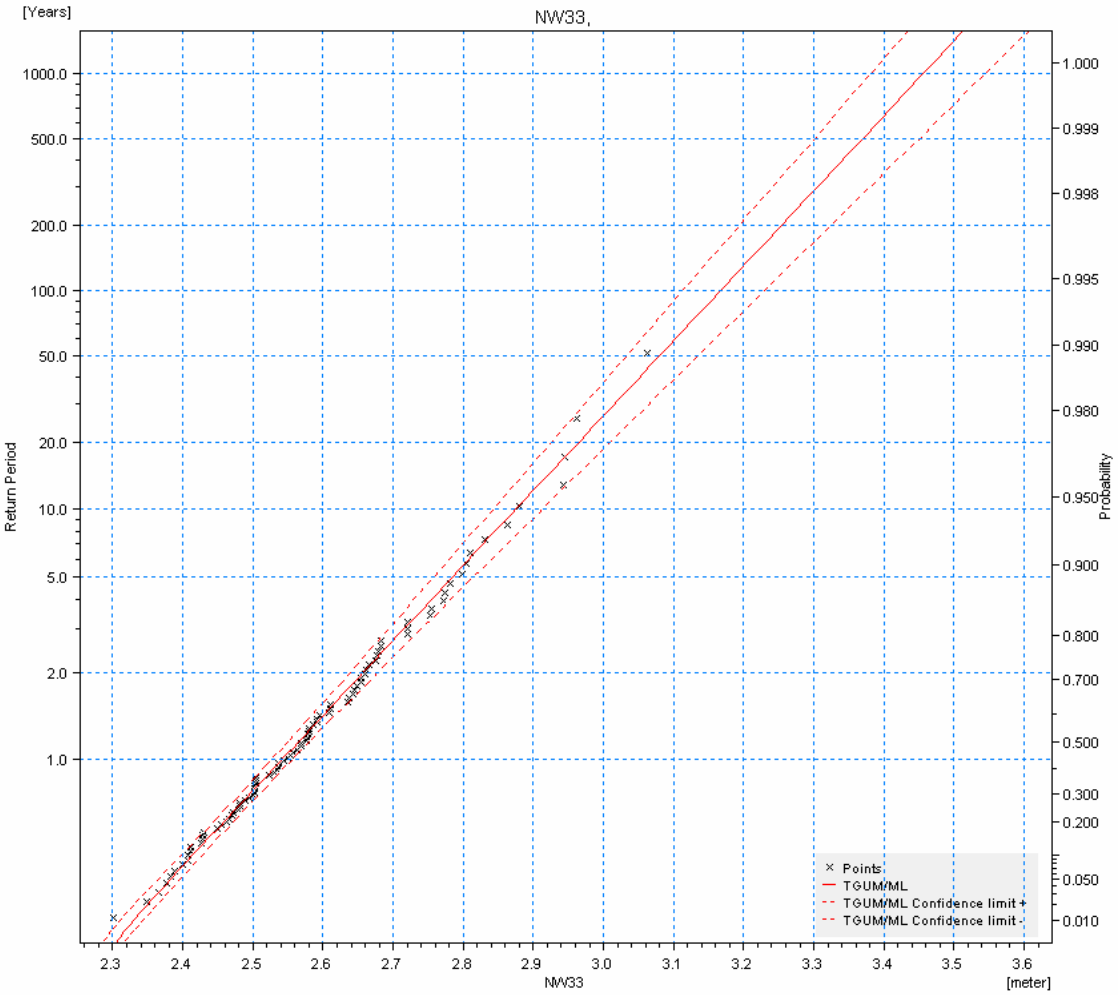
NW30		
		D/E Combination
	Return Period [years]	TGUM/ML
Estimated quantile	1.00	2.523
	2.00	2.637
	5.00	2.763
	10.00	2.853
	20.00	2.941
	25.00	2.969
	50.00	3.055
	100.00	3.141
	200.00	3.227
	500.00	3.341
	1000.00	3.427
Average quantile	1.00	2.523
	2.00	2.638
	5.00	2.765
	10.00	2.855
	20.00	2.943
	25.00	2.972
	50.00	3.059
	100.00	3.145
	200.00	3.232
	500.00	3.347
	1000.00	3.433
Standard deviation	1.00	0.014
	2.00	0.020
	5.00	0.028
	10.00	0.034
	20.00	0.041
	25.00	0.043
	50.00	0.049
	100.00	0.056
	200.00	0.062
	500.00	0.071
	1000.00	0.078
Goodness -of-fit statistics	CHISQ	2.444
	SLSC	0.012
	PPCC1	0.999
	PPCC2	0.999


[Years]
NW31,
1000.0
500.0
200.0
100.0
50.0
20.0
10.0
5.0
2.0
1.0
Return Period
1.000
0.999
0.998
0.995
0.990
0.980
0.950
0.900
0.800
0.700
0.500
0.300
0.200
0.050
0.010
Probability
2.3
2.4
2.5
2.6
2.7
2.8
2.9
3.0
3.1
3.2
3.3
3.4
3.5
NW31
[meter]
Points
TGUM/ML
TGUM/ML Confidence limit
TGUM/ML Confidence limit

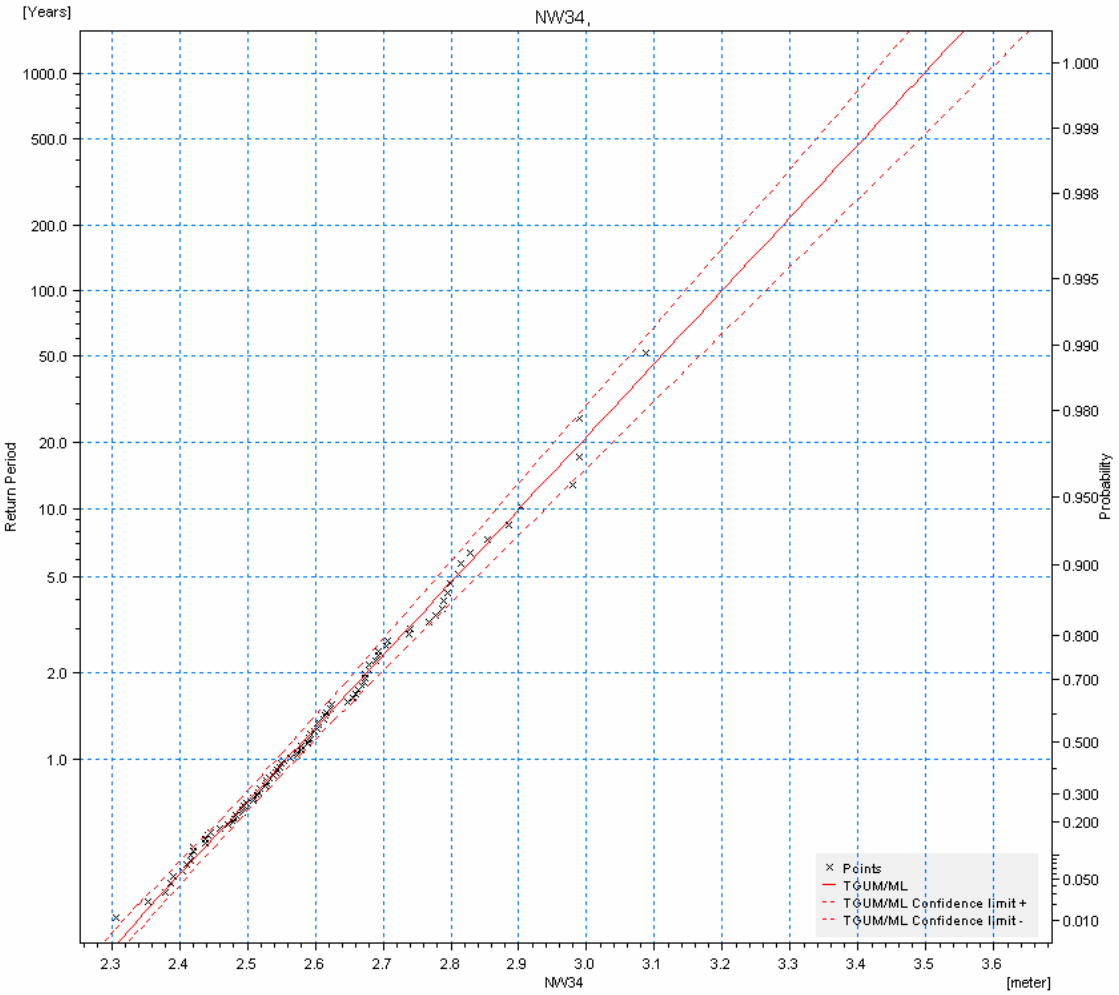
NW31		
		D/E Combination
	Return Period [years]	TGUM/ML
Estimated quantile	1.00	2.474
	2.00	2.586
	5.00	2.710
	10.00	2.798
	20.00	2.884
	25.00	2.911
	50.00	2.996
	100.00	3.081
	200.00	3.166
	500.00	3.277
	1000.00	3.362
Average quantile	1.00	2.474
	2.00	2.586
	5.00	2.711
	10.00	2.800
	20.00	2.886
	25.00	2.914
	50.00	3.000
	100.00	3.085
	200.00	3.170
	500.00	3.282
	1000.00	3.367
Standard deviation	1.00	0.014
	2.00	0.019
	5.00	0.027
	10.00	0.034
	20.00	0.041
	25.00	0.043
	50.00	0.050
	100.00	0.056
	200.00	0.063
	500.00	0.072
	1000.00	0.079
Goodness -of-fit statistics	CHISQ	3.111
	SLSC	0.013
	PPCC1	0.998
	PPCC2	0.998


[Years]
NW32,
1000.0
500.0
200.0
100.0
50.0
20.0
10.0
5.0
2.0
1.0
Return Period
1.000
0.999
0.998
0.995
0.990
0.980
0.950
0.900
0.800
0.700
0.500
0.300
0.200
0.050
0.010
Probability
2.3
2.4
2.5
2.6
2.7
2.8
2.9
3.0
3.1
3.2
3.3
3.4
3.5
3.6
3.7
NW32
[meter]
Points
TGUM/ML
TGUM/ML Confidence limit +
TGUM/ML Confidence limit -

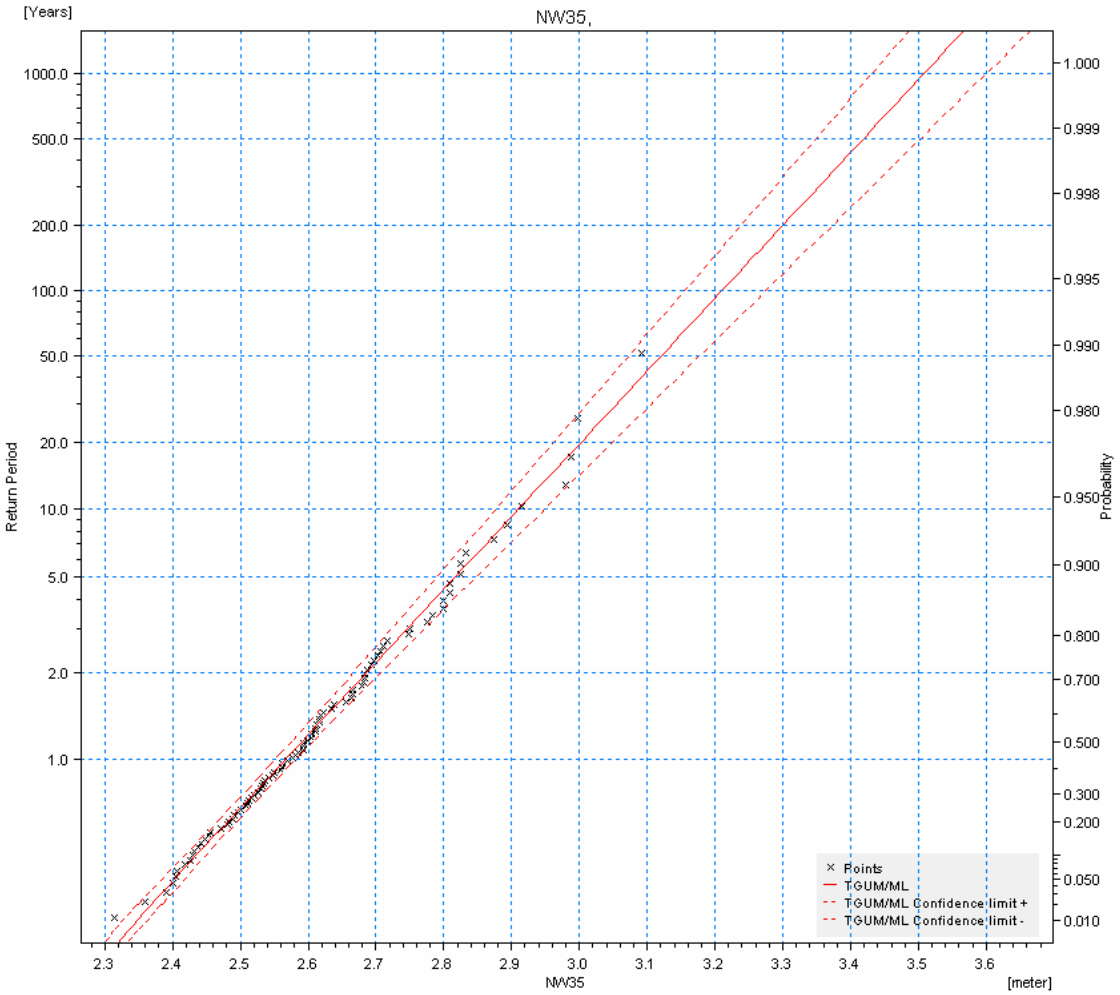
NW32		
		D/E Combination
	Return Period [years]	TGUM/ML
Estimated quantile	1.00	2.535
	2.00	2.657
	5.00	2.793
	10.00	2.890
	20.00	2.984
	25.00	3.015
	50.00	3.108
	100.00	3.201
	200.00	3.294
	500.00	3.417
	1000.00	3.510
Average quantile	1.00	2.535
	2.00	2.658
	5.00	2.796
	10.00	2.894
	20.00	2.990
	25.00	3.020
	50.00	3.115
	100.00	3.209
	200.00	3.303
	500.00	3.427
	1000.00	3.521
Standard deviation	1.00	0.015
	2.00	0.020
	5.00	0.030
	10.00	0.038
	20.00	0.046
	25.00	0.049
	50.00	0.057
	100.00	0.066
	200.00	0.074
	500.00	0.085
	1000.00	0.094
Goodness -of-fit statistics	CHISQ	2.516
	SLSC	0.014
	PPCC1	0.997
	PPCC2	0.997


[Years]
NW33,
1000.0
500.0
200.0
100.0
50.0
20.0
10.0
5.0
2.0
1.0
Return Period
1.000
0.999
0.998
0.995
0.990
0.980
0.950
0.900
0.800
0.700
0.500
0.300
0.200
0.050
0.010
Probability
2.3
2.4
2.5
2.6
2.7
2.8
2.9
3.0
3.1
3.2
3.3
3.4
3.5
3.6
NW33
[meter]
Points
TGUM/ML
TGUM/ML Confidence limit +
TGUM/ML Confidence limit -

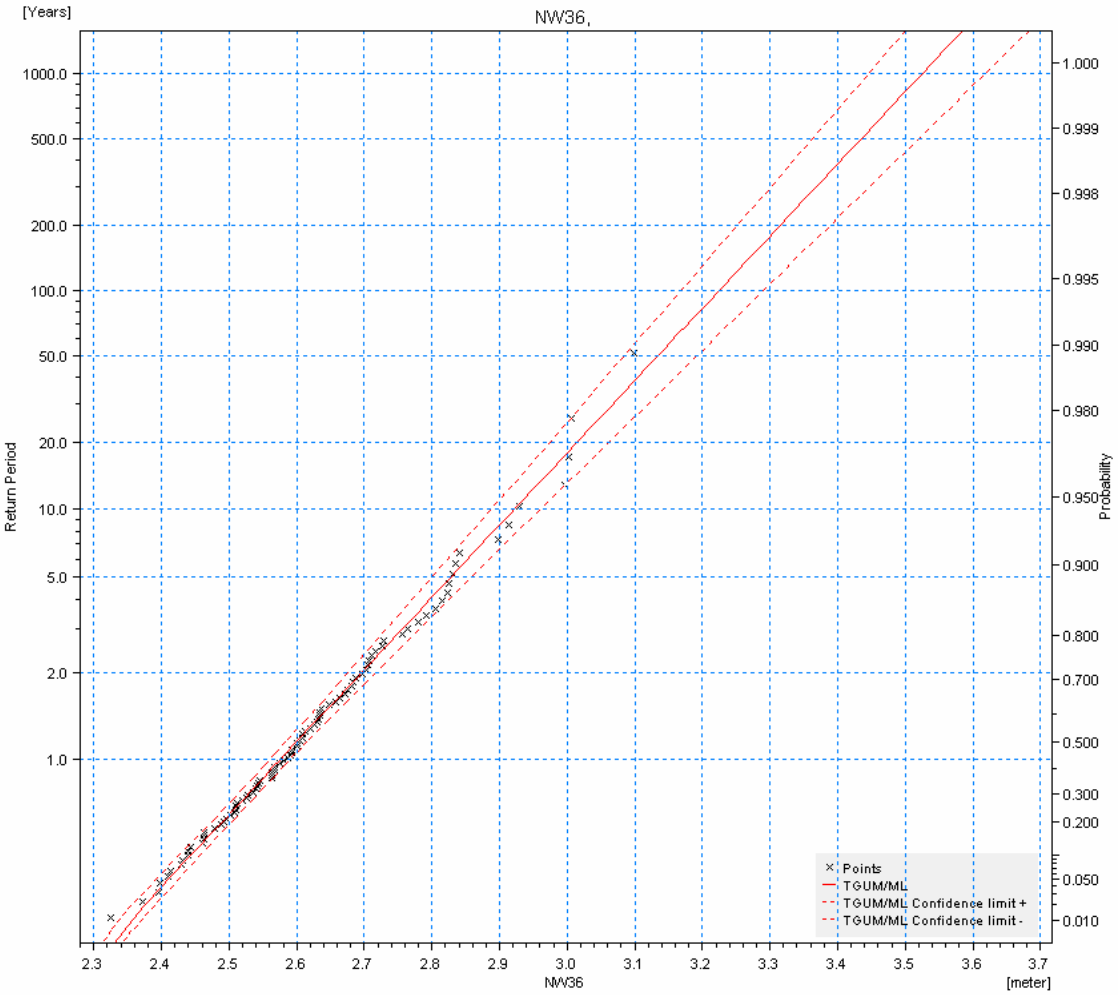
NW33		
		D/E Combination
	Return Period [years]	TGUM/ML
Estimated quantile	1.00	2.542
	2.00	2.657
	5.00	2.784
	10.00	2.875
	20.00	2.964
	25.00	2.992
	50.00	3.080
	100.00	3.167
	200.00	3.254
	500.00	3.369
	1000.00	3.455
Average quantile	1.00	2.542
	2.00	2.658
	5.00	2.786
	10.00	2.877
	20.00	2.967
	25.00	2.995
	50.00	3.083
	100.00	3.171
	200.00	3.259
	500.00	3.375
	1000.00	3.462
Standard deviation	1.00	0.015
	2.00	0.020
	5.00	0.028
	10.00	0.035
	20.00	0.042
	25.00	0.044
	50.00	0.051
	100.00	0.058
	200.00	0.065
	500.00	0.075
	1000.00	0.082
Goodness -of-fit statistics	CHISQ	2.889
	SLSC	0.013
	PPCC1	0.998
	PPCC2	0.998


[Years]
NW34,
1000.0
500.0
200.0
100.0
50.0
20.0
10.0
5.0
2.0
1.0
Return Period
1.000
0.999
0.998
0.995
0.990
0.980
0.950
0.900
0.800
0.700
0.500
0.300
0.200
0.050
0.010
Probability
2.3
2.4
2.5
2.6
2.7
2.8
2.9
3.0
3.1
3.2
3.3
3.4
3.5
3.6
NW34
[meter]
Points
TGUM/ML
TGUM/ML Confidence limit +
TGUM/ML Confidence limit -

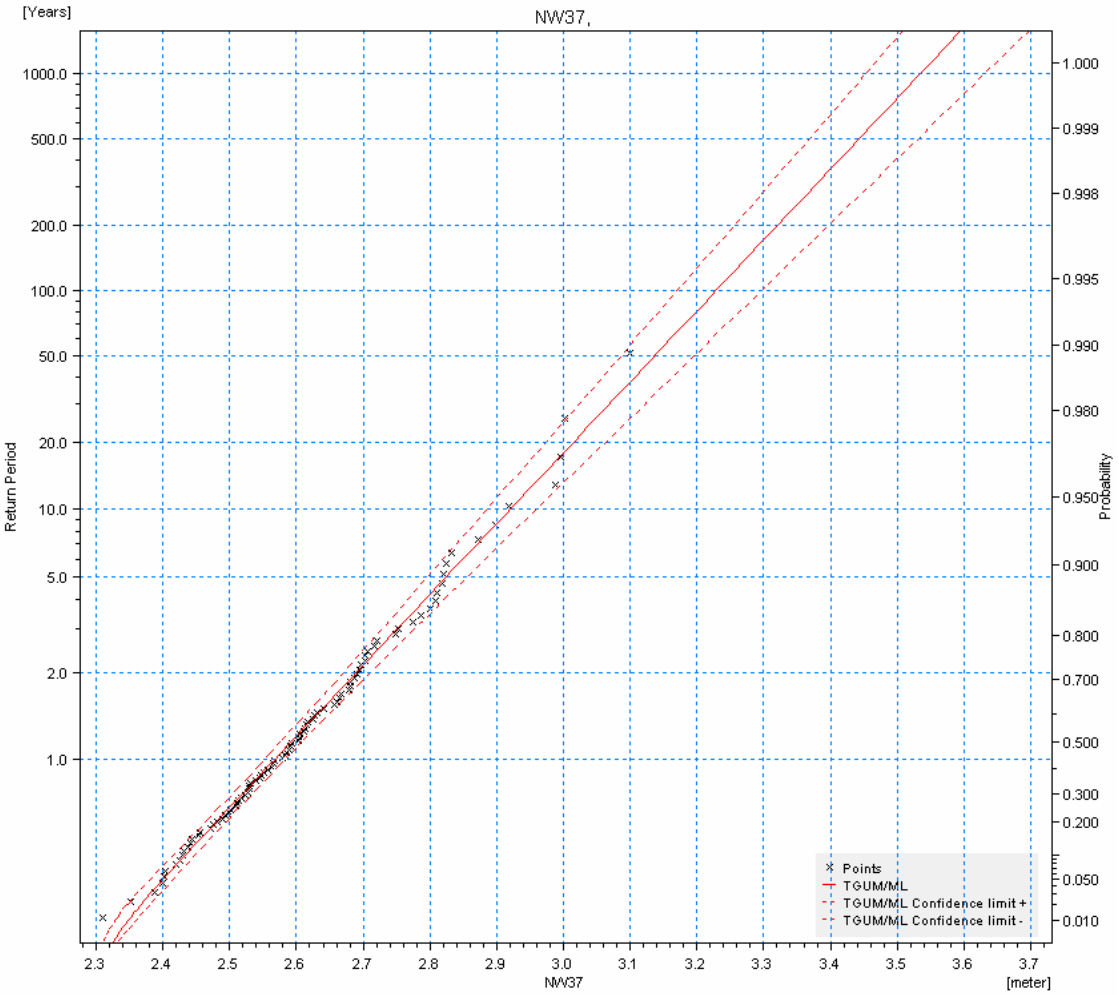
NW34		
		D/E Combination
	Return Period [years]	TGUM/ML
Estimated quantile	1.00	2.558
	2.00	2.676
	5.00	2.807
	10.00	2.900
	20.00	2.991
	25.00	3.020
	50.00	3.110
	100.00	3.199
	200.00	3.289
	500.00	3.407
	1000.00	3.496
Average quantile	1.00	2.557
	2.00	2.677
	5.00	2.809
	10.00	2.903
	20.00	2.994
	25.00	3.024
	50.00	3.114
	100.00	3.205
	200.00	3.295
	500.00	3.414
	1000.00	3.504
Standard deviation	1.00	0.015
	2.00	0.020
	5.00	0.029
	10.00	0.036
	20.00	0.043
	25.00	0.045
	50.00	0.052
	100.00	0.059
	200.00	0.066
	500.00	0.076
	1000.00	0.083
Goodness -of-fit statistics	CHISQ	3.778
	SLSC	0.014
	PPCC1	0.997
	PPCC2	0.997


[Years]
NW35,
1000.0
500.0
200.0
100.0
50.0
20.0
10.0
5.0
2.0
1.0
Return Period
1.000
0.999
0.998
0.995
0.990
0.980
0.950
0.900
0.800
0.700
0.500
0.300
0.200
0.050
0.010
Probability
2.3
2.4
2.5
2.6
2.7
2.8
2.9
3.0
3.1
3.2
3.3
3.4
3.5
3.6
NW35
[meter]
Points
TGUM/ML
TGUM/ML Confidence limit +
TGUM/ML Confidence limit -

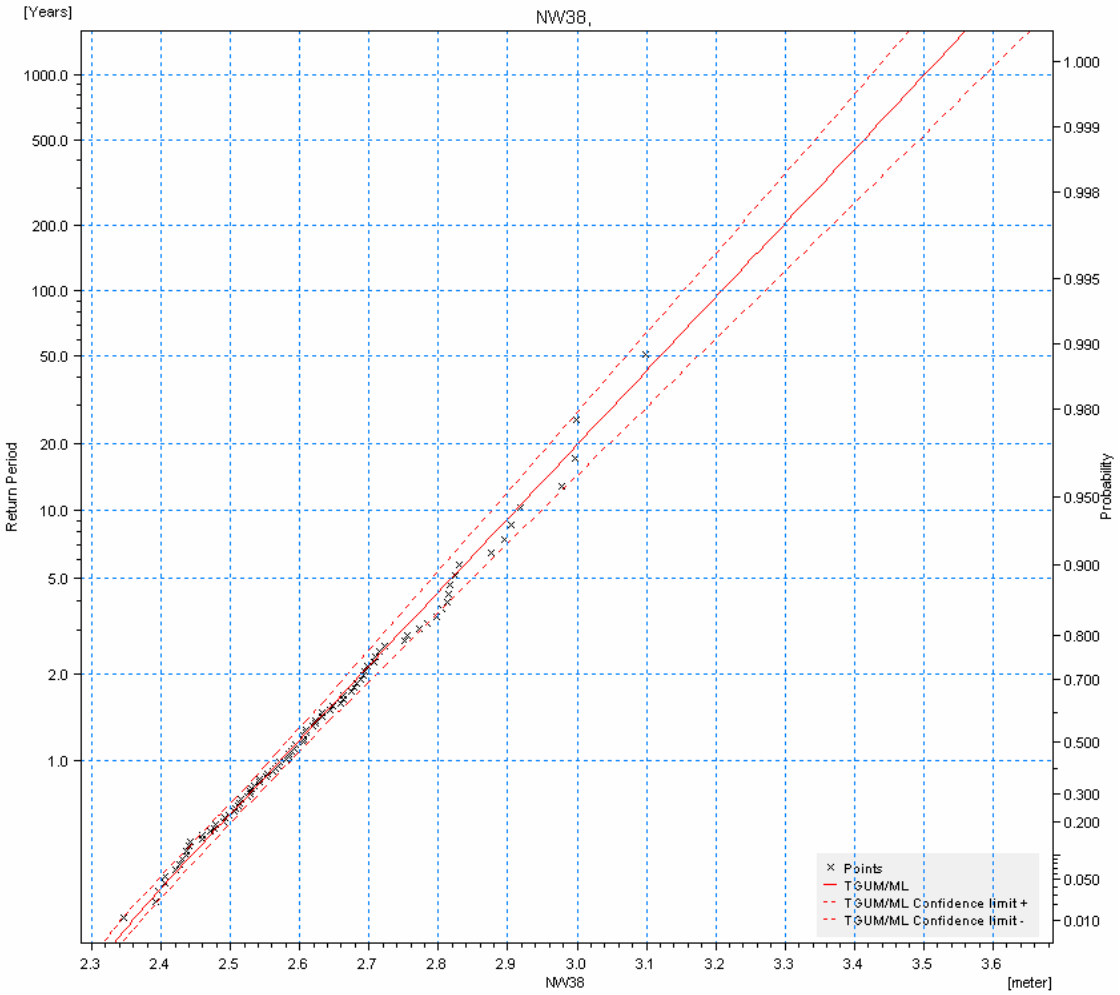
NW35		
		D/E Combination
	Return Period [years]	TGUM/ML
Estimated quantile	1.00	2.567
	2.00	2.685
	5.00	2.817
	10.00	2.910
	20.00	3.001
	25.00	3.030
	50.00	3.120
	100.00	3.210
	200.00	3.300
	500.00	3.418
	1000.00	3.507
Average quantile	1.00	2.567
	2.00	2.686
	5.00	2.819
	10.00	2.913
	20.00	3.005
	25.00	3.034
	50.00	3.125
	100.00	3.215
	200.00	3.306
	500.00	3.425
	1000.00	3.515
Standard deviation	1.00	0.015
	2.00	0.020
	5.00	0.029
	10.00	0.036
	20.00	0.043
	25.00	0.045
	50.00	0.053
	100.00	0.060
	200.00	0.067
	500.00	0.077
	1000.00	0.084
Goodness -of-fit statistics	CHISQ	5.111
	SLSC	0.014
	PPCC1	0.998
	PPCC2	0.998


[Years]
NW36,
1000.0
500.0
200.0
100.0
50.0
20.0
10.0
5.0
2.0
1.0
Return Period
1.000
0.999
0.998
0.995
0.990
0.980
0.950
0.900
0.800
0.700
0.500
0.300
0.200
0.050
0.010
Probability
2.3
2.4
2.5
2.6
2.7
2.8
2.9
3.0
3.1
3.2
3.3
3.4
3.5
3.6
3.7
NW36
[meter]
Points
TGUM/ML
TGUM/ML Confidence limit +
TGUM/ML Confidence limit -

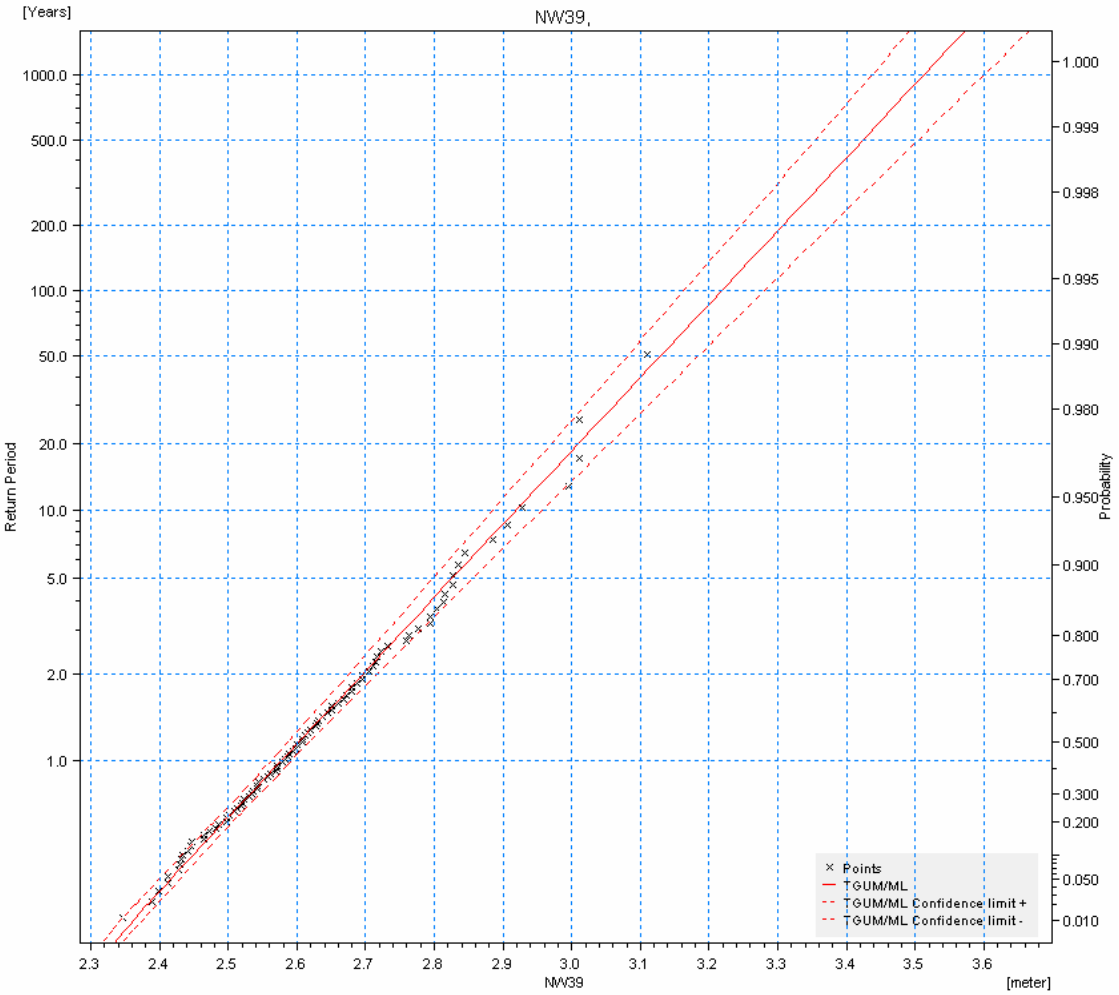
NW36		
		D/E Combination
	Return Period [years]	TGUM/ML
Estimated quantile	1.00	2.576
	2.00	2.695
	5.00	2.828
	10.00	2.922
	20.00	3.014
	25.00	3.043
	50.00	3.134
	100.00	3.225
	200.00	3.315
	500.00	3.434
	1000.00	3.524
Average quantile	1.00	2.575
	2.00	2.696
	5.00	2.829
	10.00	2.924
	20.00	3.017
	25.00	3.047
	50.00	3.138
	100.00	3.229
	200.00	3.320
	500.00	3.441
	1000.00	3.531
Standard deviation	1.00	0.015
	2.00	0.020
	5.00	0.029
	10.00	0.037
	20.00	0.044
	25.00	0.046
	50.00	0.054
	100.00	0.061
	200.00	0.069
	500.00	0.079
	1000.00	0.086
Goodness -of-fit statistics	CHISQ	5.111
	SLSC	0.014
	PPCC1	0.997
	PPCC2	0.997


[Years]
NW37,
1000.0
500.0
200.0
100.0
50.0
20.0
10.0
5.0
2.0
1.0
Return Period
1.000
0.999
0.998
0.995
0.990
0.980
0.950
0.900
0.800
0.700
0.500
0.300
0.200
0.050
0.010
Probability
2.3
2.4
2.5
2.6
2.7
2.8
2.9
3.0
3.1
3.2
3.3
3.4
3.5
3.6
3.7
NW37
[meter]
Points
TGUM/ML
TGUM/ML Confidence limit +
TGUM/ML Confidence limit -

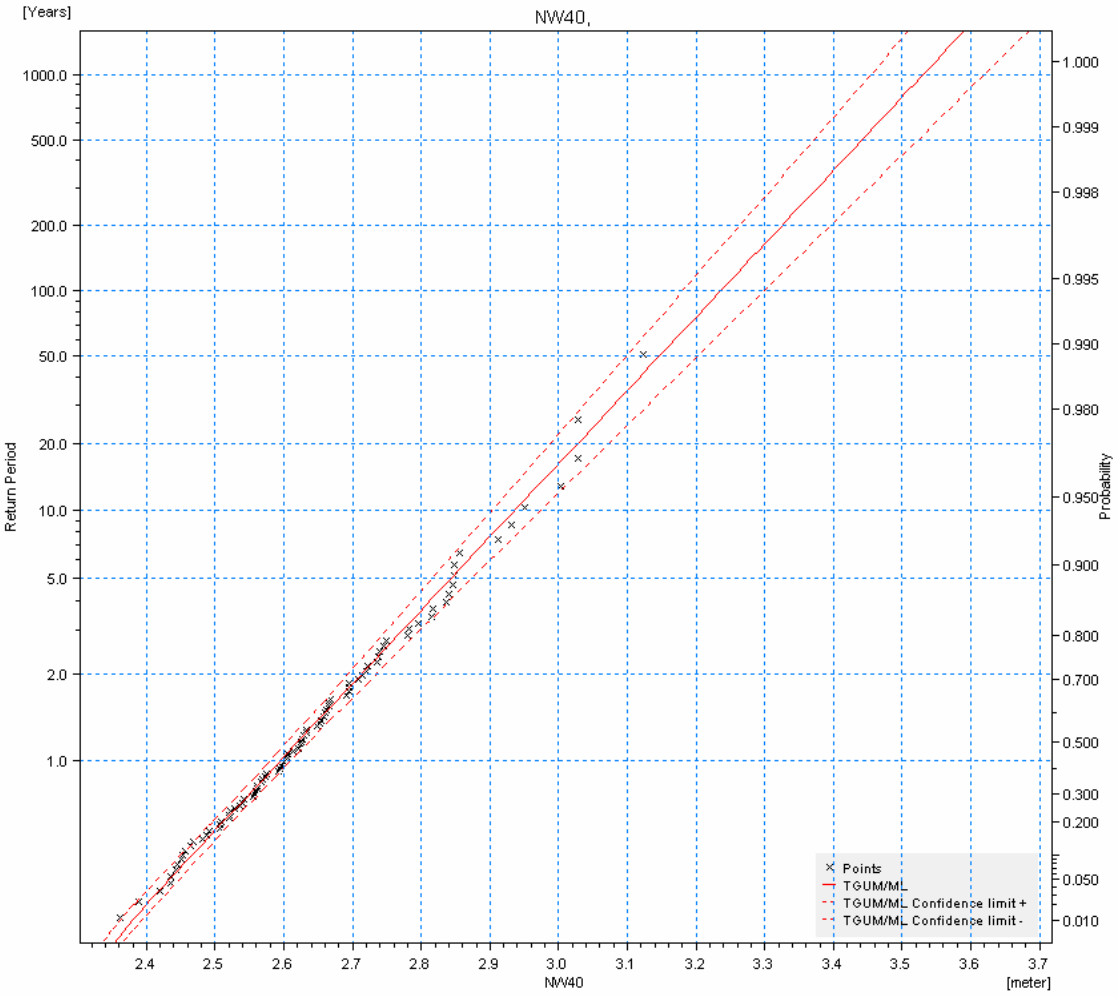
NW37		
		D/E Combination
	Return Period [years]	TGUM/ML
Estimated quantile	1.00	2.568
	2.00	2.689
	5.00	2.824
	10.00	2.920
	20.00	3.014
	25.00	3.044
	50.00	3.136
	100.00	3.229
	200.00	3.321
	500.00	3.442
	1000.00	3.534
Average quantile	1.00	2.567
	2.00	2.690
	5.00	2.826
	10.00	2.923
	20.00	3.017
	25.00	3.047
	50.00	3.141
	100.00	3.234
	200.00	3.326
	500.00	3.449
	1000.00	3.541
Standard deviation	1.00	0.015
	2.00	0.020
	5.00	0.030
	10.00	0.037
	20.00	0.045
	25.00	0.047
	50.00	0.055
	100.00	0.063
	200.00	0.071
	500.00	0.081
	1000.00	0.089
Goodness -of-fit statistics	CHISQ	3.333
	SLSC	0.015
	PPCC1	0.997
	PPCC2	0.997


[Years]
NW38,
1000.0
500.0
200.0
100.0
50.0
20.0
10.0
5.0
2.0
1.0
Return Period
1.000
0.999
0.998
0.995
0.990
0.980
0.950
0.900
0.800
0.700
0.500
0.300
0.200
0.050
0.010
Probability
2.3
2.4
2.5
2.6
2.7
2.8
2.9
3.0
3.1
3.2
3.3
3.4
3.5
3.6
NW38
[meter]
Points
TGUM/ML
TGUM/ML Confidence limit +
TGUM/ML Confidence limit -

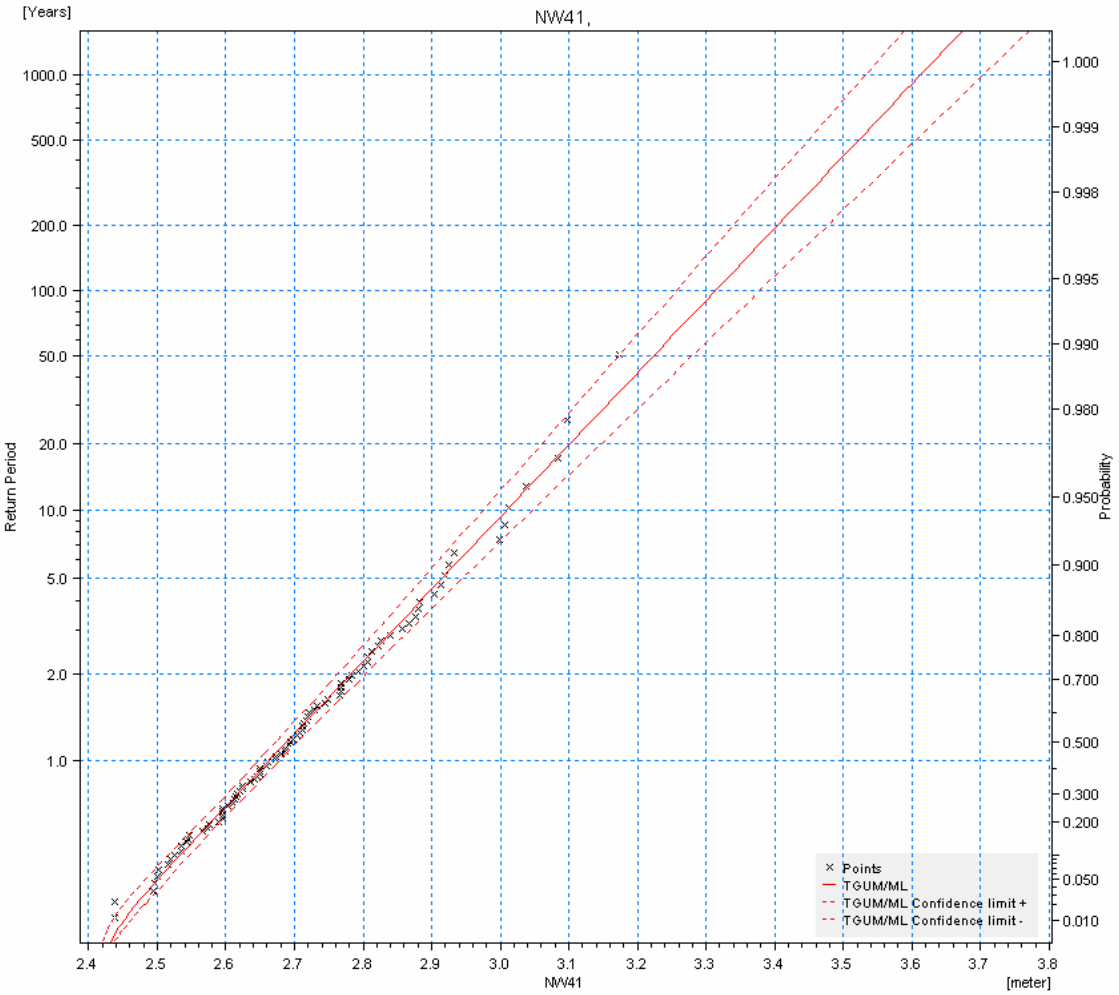
NW38		
		D/E Combination
	Return Period [years]	TGUM/ML
Estimated quantile	1.00	2.572
	2.00	2.689
	5.00	2.819
	10.00	2.911
	20.00	3.001
	25.00	3.030
	50.00	3.119
	100.00	3.208
	200.00	3.297
	500.00	3.413
	1000.00	3.502
Average quantile	1.00	2.571
	2.00	2.690
	5.00	2.820
	10.00	2.913
	20.00	3.004
	25.00	3.033
	50.00	3.122
	100.00	3.212
	200.00	3.301
	500.00	3.418
	1000.00	3.507
Standard deviation	1.00	0.015
	2.00	0.021
	5.00	0.029
	10.00	0.036
	20.00	0.043
	25.00	0.045
	50.00	0.052
	100.00	0.059
	200.00	0.066
	500.00	0.075
	1000.00	0.082
Goodness -of-fit statistics	CHISQ	4.146
	SLSC	0.015
	PPCC1	0.998
	PPCC2	0.998


[Years]
NW39,
1000.0
500.0
200.0
100.0
50.0
20.0
10.0
5.0
2.0
1.0
Return Period
1.000
0.999
0.998
0.995
0.990
0.980
0.950
0.900
0.800
0.700
0.500
0.300
0.200
0.050
0.010
Probability
2.3
2.4
2.5
2.6
2.7
2.8
2.9
3.0
3.1
3.2
3.3
3.4
3.5
3.6
NW39
[meter]
Points
TGUM/ML
TGUM/ML Confidence limit +
TGUM/ML Confidence limit -

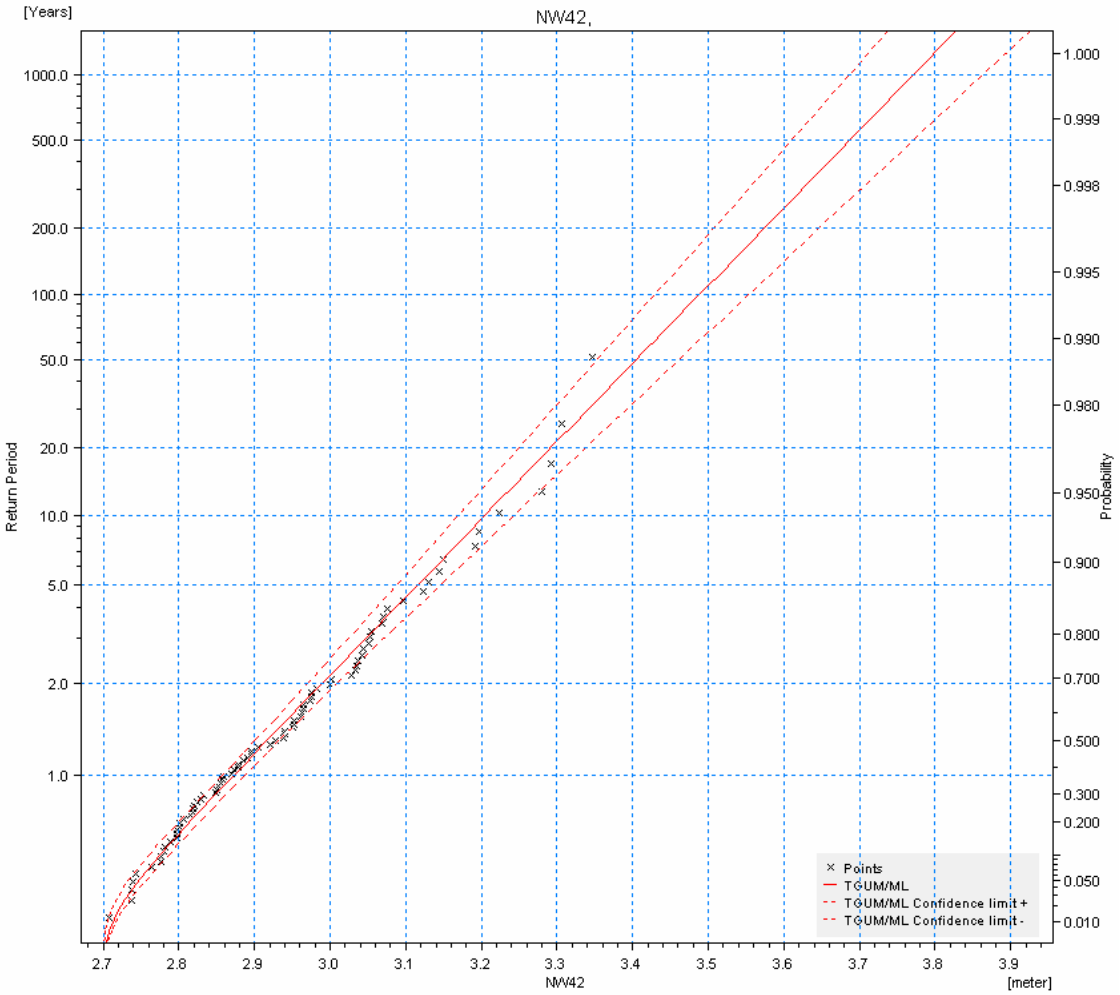
NW39		
		D/E Combination
	Return Period [years]	TGUM/ML
Estimated quantile	1.00	2.577
	2.00	2.695
	5.00	2.826
	10.00	2.919
	20.00	3.010
	25.00	3.039
	50.00	3.129
	100.00	3.218
	200.00	3.307
	500.00	3.425
	1000.00	3.514
Average quantile	1.00	2.577
	2.00	2.696
	5.00	2.827
	10.00	2.921
	20.00	3.012
	25.00	3.042
	50.00	3.132
	100.00	3.222
	200.00	3.311
	500.00	3.430
	1000.00	3.520
Standard deviation	1.00	0.015
	2.00	0.021
	5.00	0.029
	10.00	0.036
	20.00	0.043
	25.00	0.045
	50.00	0.052
	100.00	0.059
	200.00	0.066
	500.00	0.075
	1000.00	0.082
Goodness -of-fit statistics	CHISQ	3.697
	SLSC	0.014
	PPCC1	0.998
	PPCC2	0.998


[Years]
NW40,
1000.0
500.0
200.0
100.0
50.0
20.0
10.0
5.0
2.0
1.0
Return Period
1.000
0.999
0.998
0.995
0.990
0.980
0.950
0.900
0.800
0.700
0.500
0.300
0.200
0.050
0.010
Probability
2.4
2.5
2.6
2.7
2.8
2.9
3.0
3.1
3.2
3.3
3.4
3.5
3.6
3.7
NW40
[meter]
Points
TGUM/ML
TGUM/ML Confidence limit +
TGUM/ML Confidence limit -

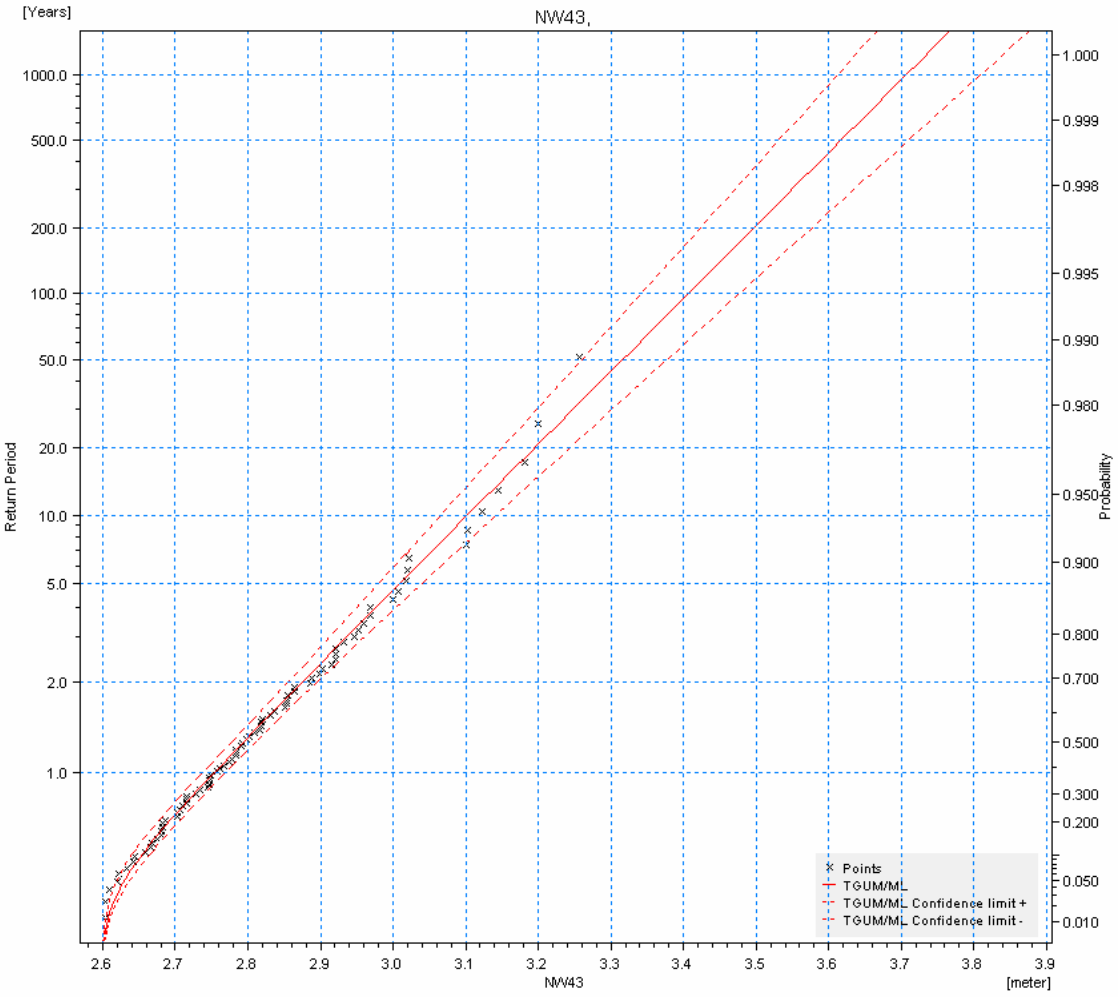
NW40		
		D/E Combination
	Return Period [years]	TGUM/ML
Estimated quantile	1.00	2.595
	2.00	2.713
	5.00	2.844
	10.00	2.937
	20.00	3.027
	25.00	3.056
	50.00	3.146
	100.00	3.235
	200.00	3.325
	500.00	3.442
	1000.00	3.531
Average quantile	1.00	2.594
	2.00	2.714
	5.00	2.845
	10.00	2.939
	20.00	3.030
	25.00	3.059
	50.00	3.150
	100.00	3.240
	200.00	3.329
	500.00	3.448
	1000.00	3.537
Standard deviation	1.00	0.015
	2.00	0.020
	5.00	0.029
	10.00	0.036
	20.00	0.043
	25.00	0.045
	50.00	0.052
	100.00	0.059
	200.00	0.066
	500.00	0.076
	1000.00	0.083
Goodness -of-fit statistics	CHISQ	3.472
	SLSC	0.014
	PPCC1	0.998
	PPCC2	0.998


NW41,
[Years]
Return Period
1000.0
500.0
200.0
100.0
50.0
20.0
10.0
5.0
2.0
1.0
Probability
1.000
0.999
0.998
0.995
0.990
0.980
0.950
0.900
0.800
0.700
0.500
0.300
0.200
0.050
0.010
2.4
2.5
2.6
2.7
2.8
2.9
3.0
3.1
3.2
3.3
3.4
3.5
3.6
3.7
3.8
NW41
[meter]
Points
TGUM/ML
TGUM/ML Confidence limit +
TGUM/ML Confidence limit -

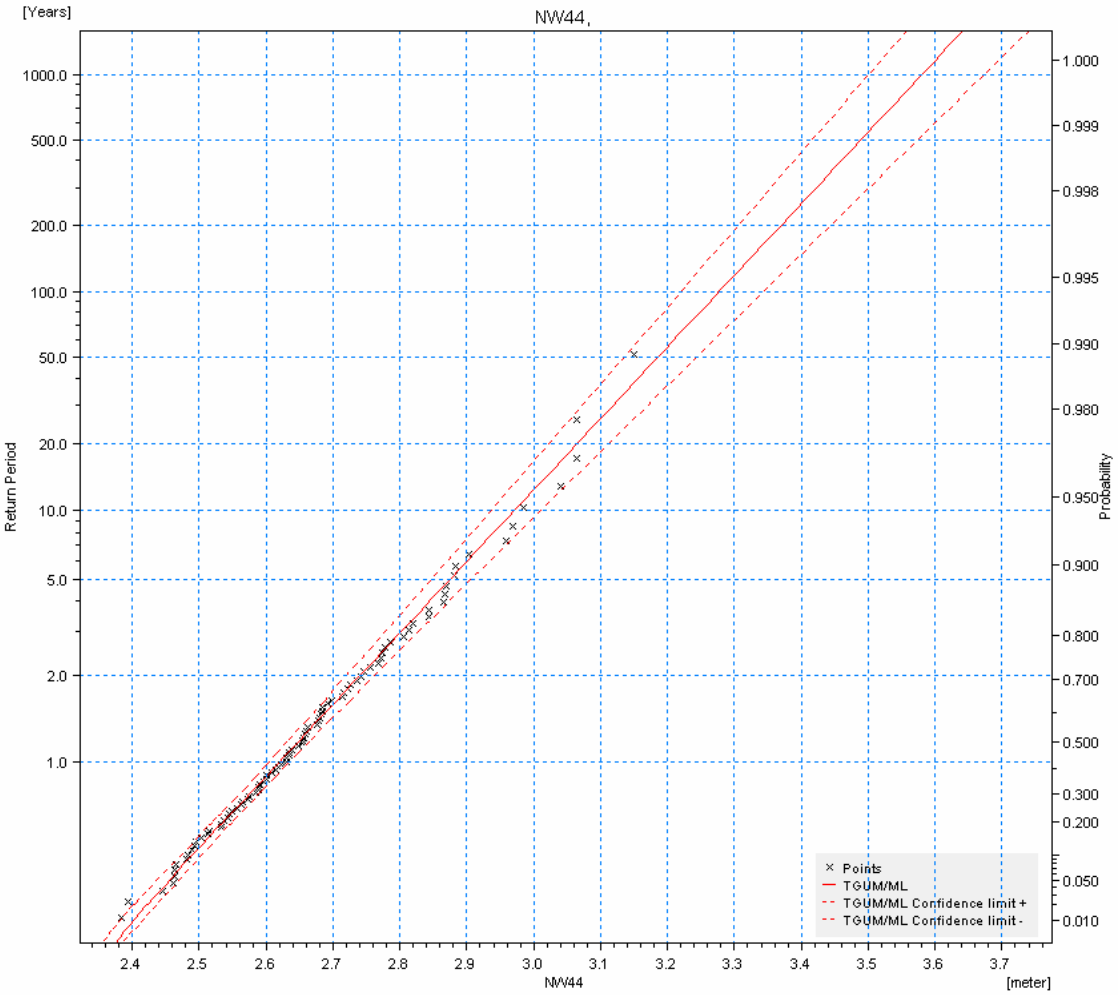
NW41		
		D/E Combination
	Return Period [years]	TGUM/ML
Estimated quantile	1.00	2.662
	2.00	2.782
	5.00	2.915
	10.00	3.010
	20.00	3.102
	25.00	3.131
	50.00	3.222
	100.00	3.313
	200.00	3.404
	500.00	3.523
	1000.00	3.613
Average quantile	1.00	2.662
	2.00	2.783
	5.00	2.917
	10.00	3.012
	20.00	3.104
	25.00	3.134
	50.00	3.226
	100.00	3.317
	200.00	3.408
	500.00	3.528
	1000.00	3.619
Standard deviation	1.00	0.015
	2.00	0.020
	5.00	0.029
	10.00	0.036
	20.00	0.043
	25.00	0.046
	50.00	0.053
	100.00	0.061
	200.00	0.068
	500.00	0.078
	1000.00	0.086
Goodness -of-fit statistics	CHISQ	2.124
	SLSC	0.014
	PPCC1	0.998
	PPCC2	0.998


[Years]
NW42,
1000.0
500.0
200.0
100.0
50.0
20.0
10.0
5.0
2.0
1.0
Return Period
1.000
0.999
0.998
0.995
0.990
0.980
0.950
0.900
0.800
0.700
0.500
0.300
0.200
0.050
0.010
Probability
2.7
2.8
2.9
3.0
3.1
3.2
3.3
3.4
3.5
3.6
3.7
3.8
3.9
NW42
[meter]
Points
TGUM/ML
TGUM/ML Confidence limit +
TGUM/ML Confidence limit -

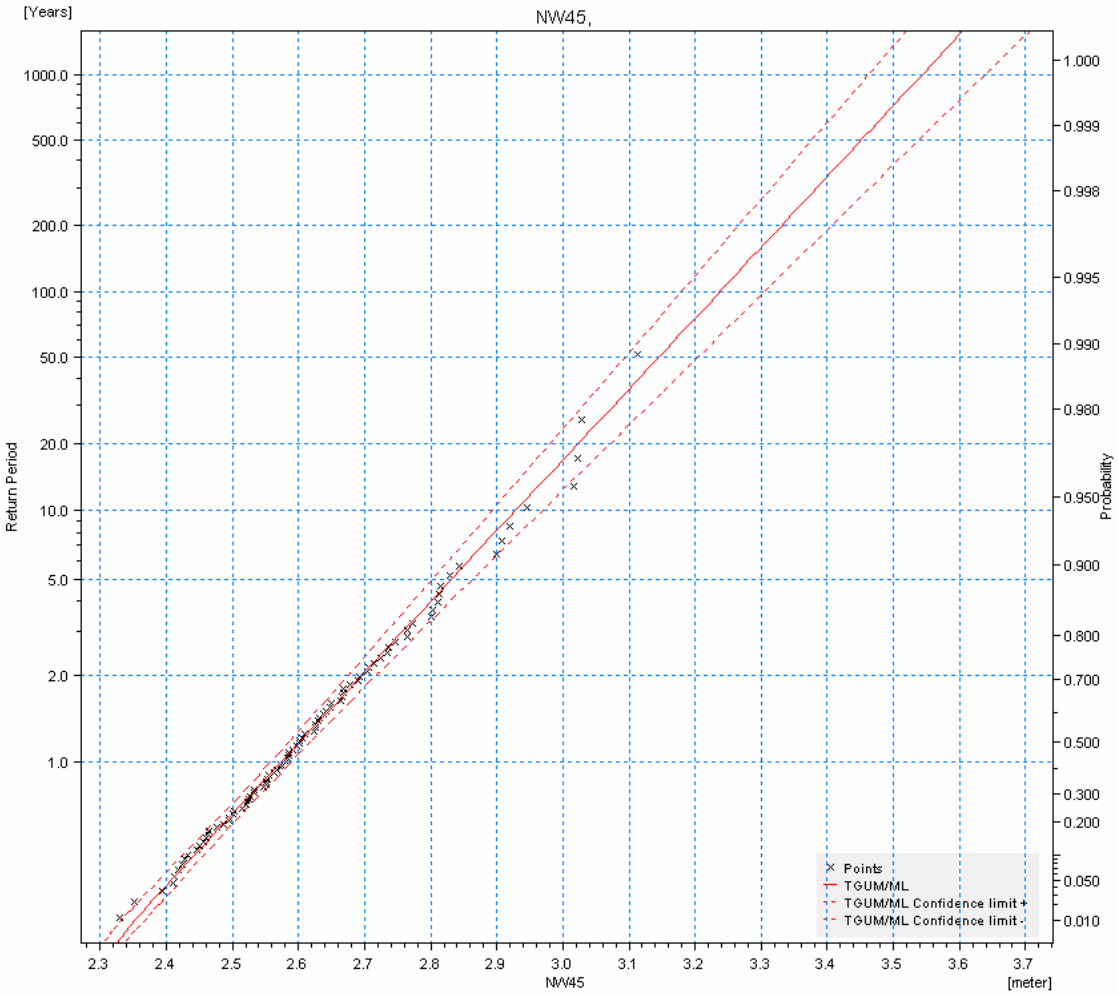
NW42		
		D/E Combination
	Return Period [years]	TGUM/ML
Estimated quantile	1.00	2.873
	2.00	2.990
	5.00	3.115
	10.00	3.204
	20.00	3.291
	25.00	3.319
	50.00	3.404
	100.00	3.489
	200.00	3.574
	500.00	3.686
	1000.00	3.771
Average quantile	1.00	2.872
	2.00	2.990
	5.00	3.116
	10.00	3.206
	20.00	3.293
	25.00	3.321
	50.00	3.406
	100.00	3.492
	200.00	3.577
	500.00	3.690
	1000.00	3.775
Standard deviation	1.00	0.014
	2.00	0.020
	5.00	0.029
	10.00	0.036
	20.00	0.044
	25.00	0.047
	50.00	0.054
	100.00	0.062
	200.00	0.070
	500.00	0.080
	1000.00	0.088
Goodness -of-fit statistics	CHISQ	4.309
	SLSC	0.019
	PPCC1	0.996
	PPCC2	0.996


[Years]
NW43,
Return Period
1000.0
500.0
200.0
100.0
50.0
20.0
10.0
5.0
2.0
1.0
1.000
0.999
0.998
0.995
0.990
0.980
0.950
0.900
0.800
0.700
0.500
0.300
0.200
0.050
0.010
Probability
2.6
2.7
2.8
2.9
3.0
3.1
3.2
3.3
3.4
3.5
3.6
3.7
3.8
3.9
NW43
[meter]
Points
TGUM/ML
TGUM/ML Confidence limit +
TGUM/ML Confidence limit -

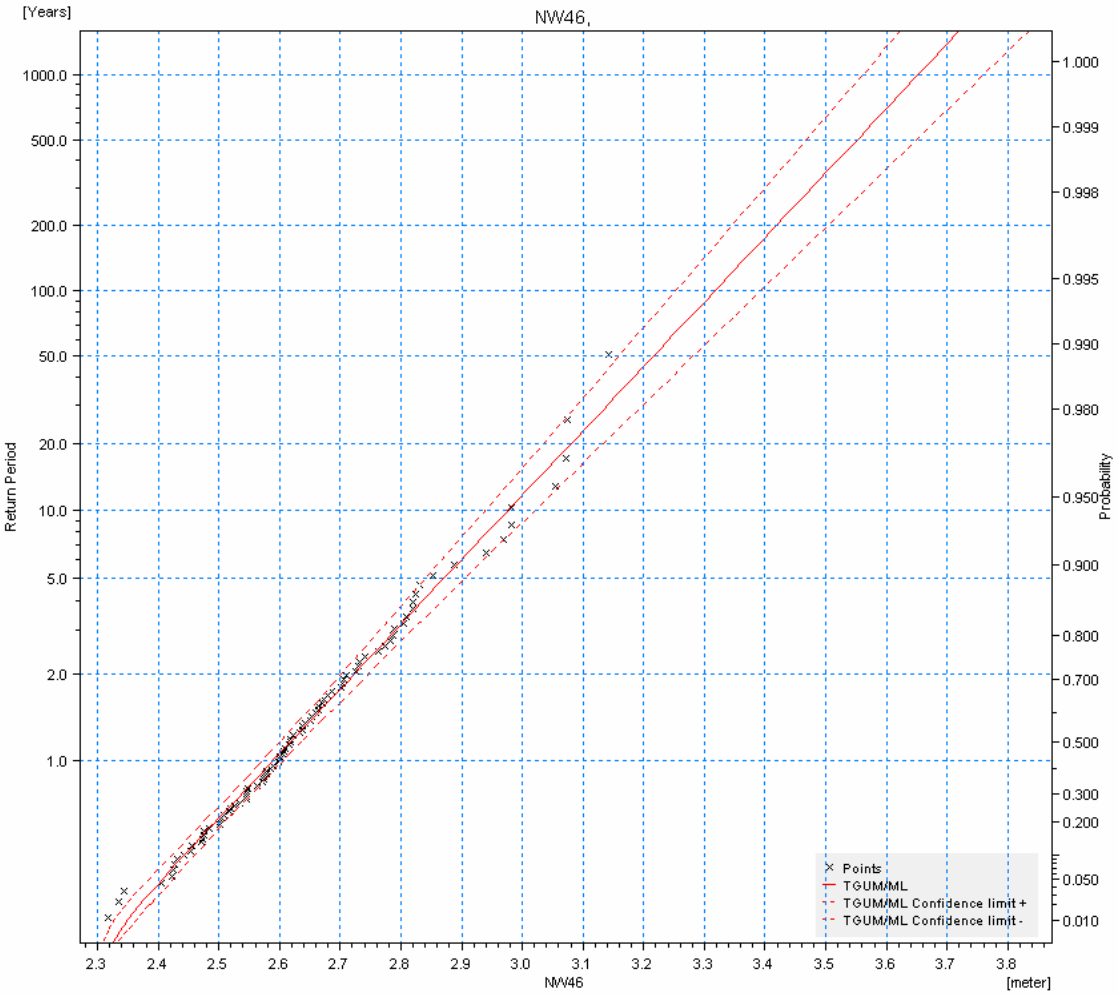
NW43		
		D/E Combination
	Return Period [years]	TGUM/ML
Estimated quantile	1.00	2.753
	2.00	2.875
	5.00	3.008
	10.00	3.102
	20.00	3.195
	25.00	3.224
	50.00	3.316
	100.00	3.406
	200.00	3.497
	500.00	3.617
	1000.00	3.707
Average quantile	1.00	2.753
	2.00	2.875
	5.00	3.009
	10.00	3.104
	20.00	3.197
	25.00	3.227
	50.00	3.318
	100.00	3.409
	200.00	3.500
	500.00	3.620
	1000.00	3.711
Standard deviation	1.00	0.016
	2.00	0.020
	5.00	0.030
	10.00	0.038
	20.00	0.047
	25.00	0.050
	50.00	0.059
	100.00	0.068
	200.00	0.077
	500.00	0.089
	1000.00	0.098
Goodness -of-fit statistics	CHISQ	1.171
	SLSC	0.016
	PPCC1	0.997
	PPCC2	0.997


[Years]
NW44,
1000.0
500.0
200.0
100.0
50.0
20.0
10.0
5.0
2.0
1.0
Return Period
1.000
0.999
0.998
0.995
0.990
0.980
0.950
0.900
0.800
0.700
0.500
0.300
0.200
0.050
0.010
Probability
2.4
2.5
2.6
2.7
2.8
2.9
3.0
3.1
3.2
3.3
3.4
3.5
3.6
3.7
NW44
[meter]
Points
TGUM/ML
TGUM/ML Confidence limit +
TGUM/ML Confidence limit -

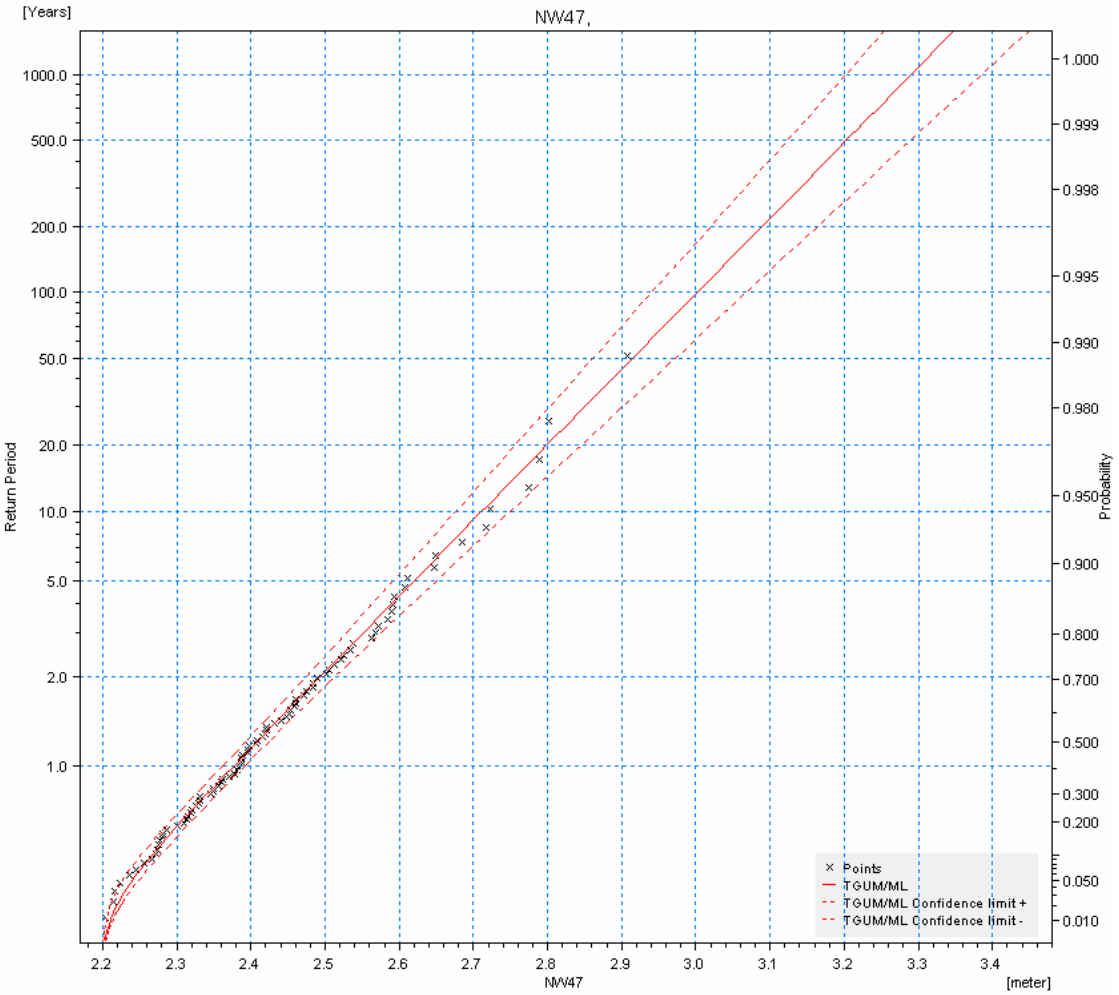
NW44		
		D/E Combination
	Return Period [years]	TGUM/ML
Estimated quantile	1.00	2.619
	2.00	2.741
	5.00	2.875
	10.00	2.971
	20.00	3.064
	25.00	3.094
	50.00	3.186
	100.00	3.277
	200.00	3.369
	500.00	3.490
	1000.00	3.581
Average quantile	1.00	2.619
	2.00	2.742
	5.00	2.877
	10.00	2.973
	20.00	3.067
	25.00	3.097
	50.00	3.190
	100.00	3.282
	200.00	3.374
	500.00	3.496
	1000.00	3.588
Standard deviation	1.00	0.015
	2.00	0.021
	5.00	0.030
	10.00	0.037
	20.00	0.044
	25.00	0.047
	50.00	0.054
	100.00	0.061
	200.00	0.069
	500.00	0.079
	1000.00	0.086
Goodness -of-fit statistics	CHISQ	3.818
	SLSC	0.014
	PPCC1	0.998
	PPCC2	0.998


[Years]
NW45,
1000.0
500.0
200.0
100.0
50.0
20.0
10.0
5.0
2.0
1.0
Return Period
1.000
0.999
0.998
0.995
0.990
0.980
0.950
0.900
0.800
0.700
0.500
0.300
0.200
0.050
0.010
Probability
2.3
2.4
2.5
2.6
2.7
2.8
2.9
3.0
3.1
3.2
3.3
3.4
3.5
3.6
3.7
NW45
[meter]
Points
TGUM/ML
TGUM/ML Confidence limit +
TGUM/ML Confidence limit -

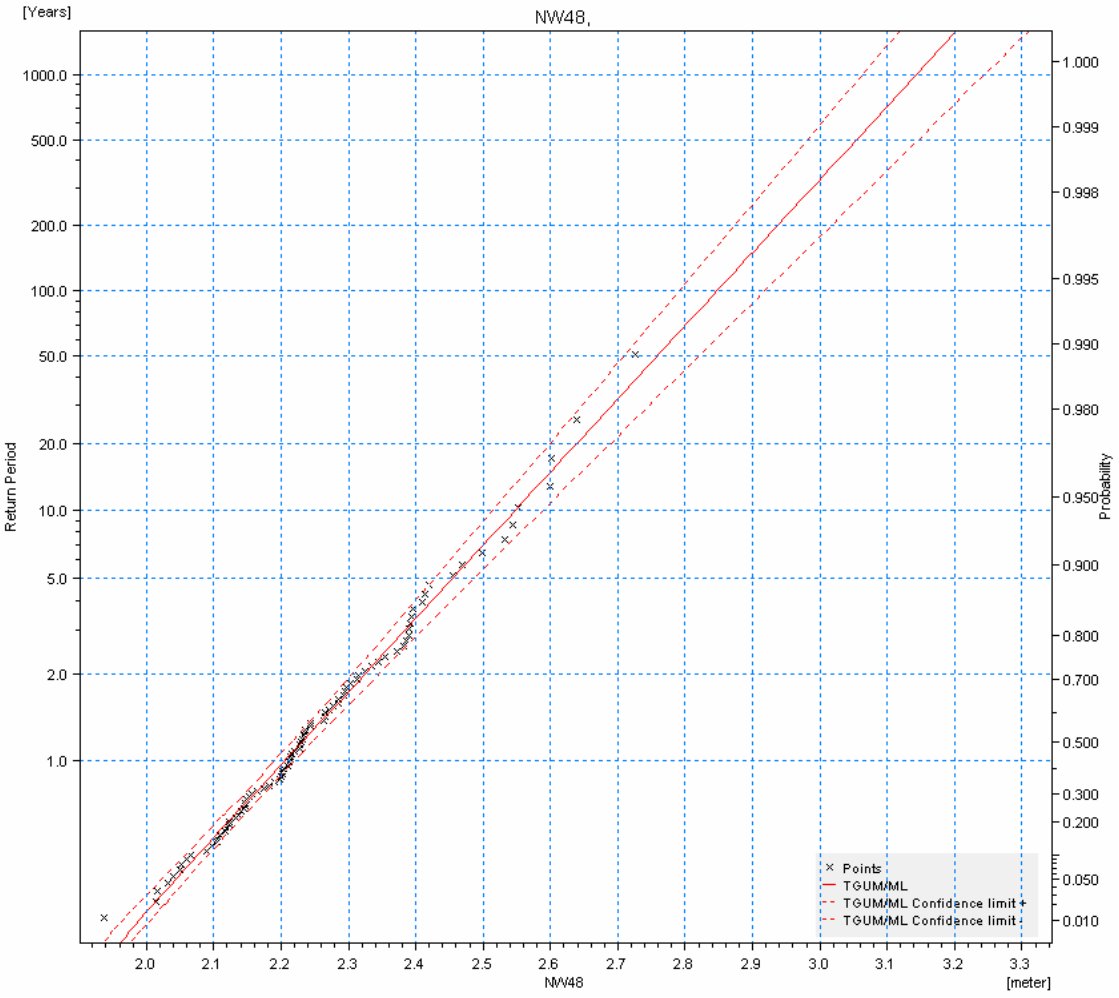
NW45		
		D/E Combination
	Return Period [years]	TGUM/ML
Estimated quantile	1.00	2.573
	2.00	2.696
	5.00	2.832
	10.00	2.928
	20.00	3.022
	25.00	3.052
	50.00	3.145
	100.00	3.238
	200.00	3.330
	500.00	3.452
	1000.00	3.544
Average quantile	1.00	2.572
	2.00	2.697
	5.00	2.833
	10.00	2.930
	20.00	3.025
	25.00	3.056
	50.00	3.149
	100.00	3.243
	200.00	3.336
	500.00	3.458
	1000.00	3.551
Standard deviation	1.00	0.016
	2.00	0.021
	5.00	0.030
	10.00	0.038
	20.00	0.045
	25.00	0.048
	50.00	0.055
	100.00	0.063
	200.00	0.070
	500.00	0.081
	1000.00	0.088
Goodness -of-fit statistics	CHISQ	1.318
	SLSC	0.014
	PPCC1	0.998
	PPCC2	0.998


[Years]
NW46,
1000.0
500.0
200.0
100.0
50.0
20.0
10.0
5.0
2.0
1.0
Return Period
1.000
0.999
0.998
0.995
0.990
0.980
0.950
0.900
0.800
0.700
0.500
0.300
0.200
0.050
0.010
Probability
2.3
2.4
2.5
2.6
2.7
2.8
2.9
3.0
3.1
3.2
3.3
3.4
3.5
3.6
3.7
3.8
NW46
[meter]
Points
TGUM/ML
TGUM/ML Confidence limit +
TGUM/ML Confidence limit -

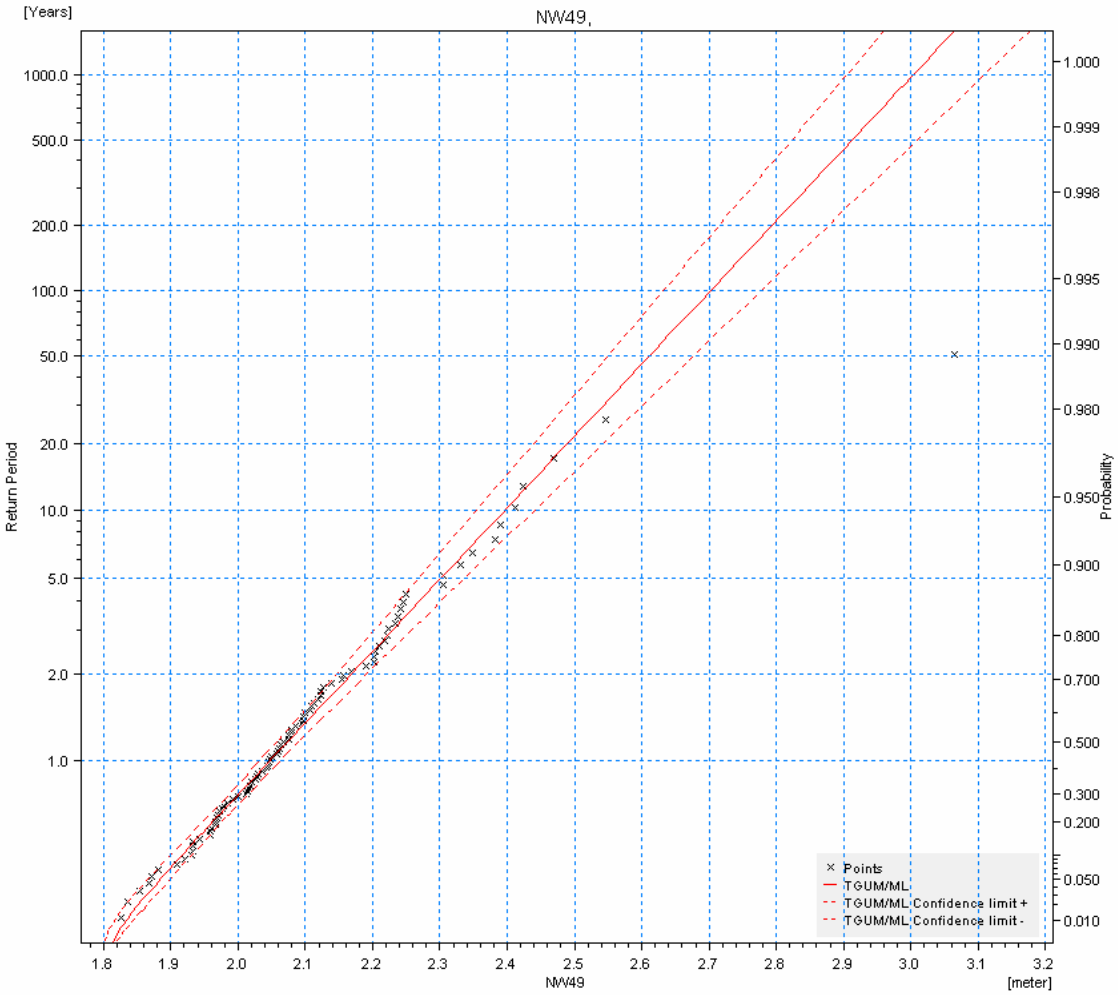
NW46		
		D/E Combination
	Return Period [years]	TGUM/ML
Estimated quantile	1.00	2.588
	2.00	2.723
	5.00	2.871
	10.00	2.977
	20.00	3.080
	25.00	3.113
	50.00	3.215
	100.00	3.317
	200.00	3.418
	500.00	3.552
	1000.00	3.653
Average quantile	1.00	2.588
	2.00	2.724
	5.00	2.874
	10.00	2.980
	20.00	3.084
	25.00	3.117
	50.00	3.220
	100.00	3.322
	200.00	3.424
	500.00	3.559
	1000.00	3.661
Standard deviation	1.00	0.017
	2.00	0.022
	5.00	0.032
	10.00	0.041
	20.00	0.049
	25.00	0.052
	50.00	0.061
	100.00	0.070
	200.00	0.079
	500.00	0.091
	1000.00	0.100
Goodness -of-fit statistics	CHISQ	2.573
	SLSC	0.018
	PPCC1	0.996
	PPCC2	0.996


[Years]
NW47,
1000.0
500.0
200.0
100.0
50.0
20.0
10.0
5.0
2.0
1.0
Return Period
1.000
0.999
0.998
0.995
0.990
0.980
0.950
0.900
0.800
0.700
0.500
0.300
0.200
0.050
0.010
Probability
2.2
2.3
2.4
2.5
2.6
2.7
2.8
2.9
3.0
3.1
3.2
3.3
3.4
NW47
[meter]
Points
TGUM/ML
TGUM/ML Confidence limit +
TGUM/ML Confidence limit -

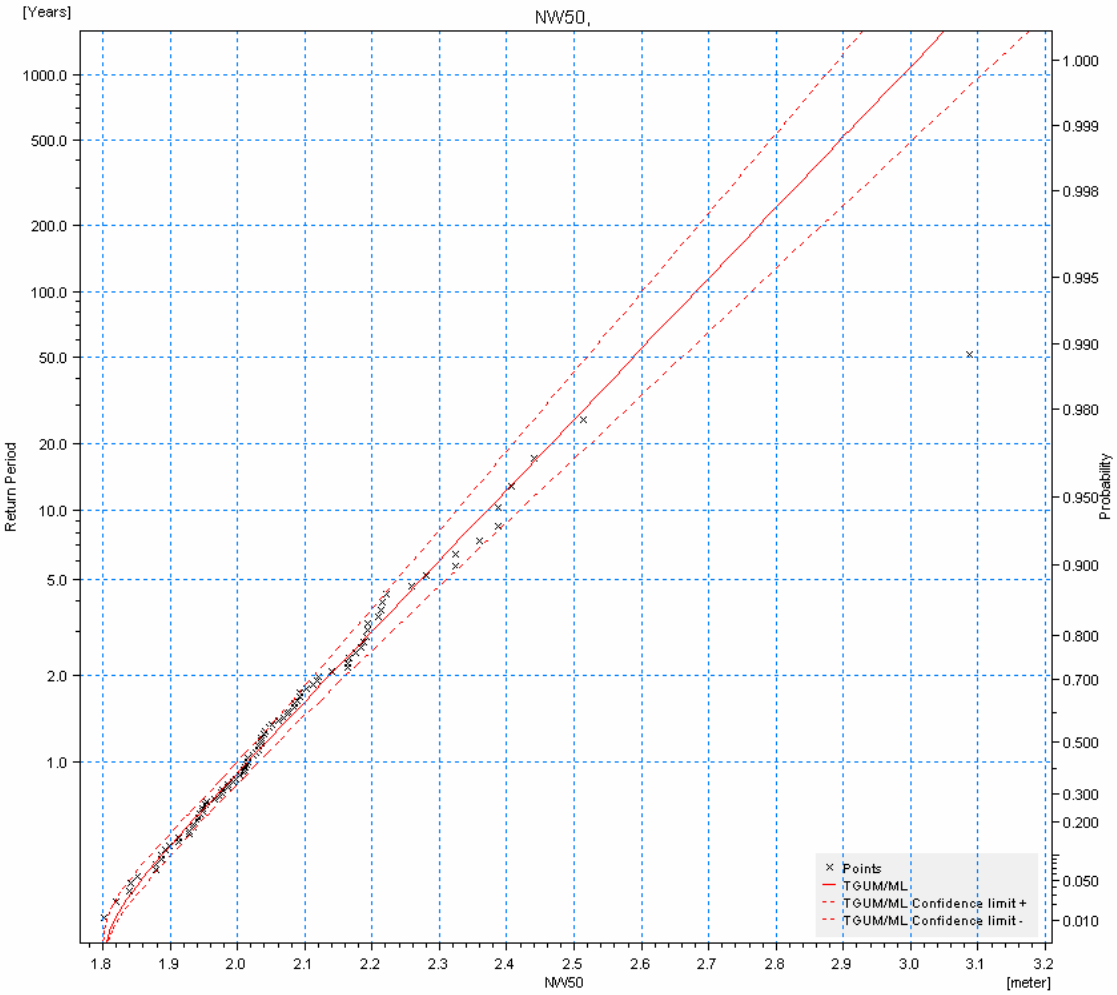
NW47		
		D/E Combination
	Return Period [years]	TGUM/ML
Estimated quantile	1.00	2.377
	2.00	2.493
	5.00	2.620
	10.00	2.711
	20.00	2.799
	25.00	2.828
	50.00	2.915
	100.00	3.002
	200.00	3.089
	500.00	3.204
	1000.00	3.291
Average quantile	1.00	2.377
	2.00	2.493
	5.00	2.621
	10.00	2.712
	20.00	2.801
	25.00	2.830
	50.00	2.917
	100.00	3.005
	200.00	3.092
	500.00	3.207
	1000.00	3.294
Standard deviation	1.00	0.015
	2.00	0.020
	5.00	0.029
	10.00	0.037
	20.00	0.045
	25.00	0.047
	50.00	0.055
	100.00	0.064
	200.00	0.072
	500.00	0.083
	1000.00	0.091
Goodness -of-fit statistics	CHISQ	2.372
	SLSC	0.012
	PPCC1	0.998
	PPCC2	0.998


[Years]
NW48,
1000.0
500.0
200.0
100.0
50.0
20.0
10.0
5.0
2.0
1.0
Return Period
1.000
0.999
0.998
0.995
0.990
0.980
0.950
0.900
0.800
0.700
0.500
0.300
0.200
0.050
0.010
Probability
2.0
2.1
2.2
2.3
2.4
2.5
2.6
2.7
2.8
2.9
3.0
3.1
3.2
3.3
NW48
[meter]
Points
TGUM/ML
TGUM/ML Confidence limit +
TGUM/ML Confidence limit -

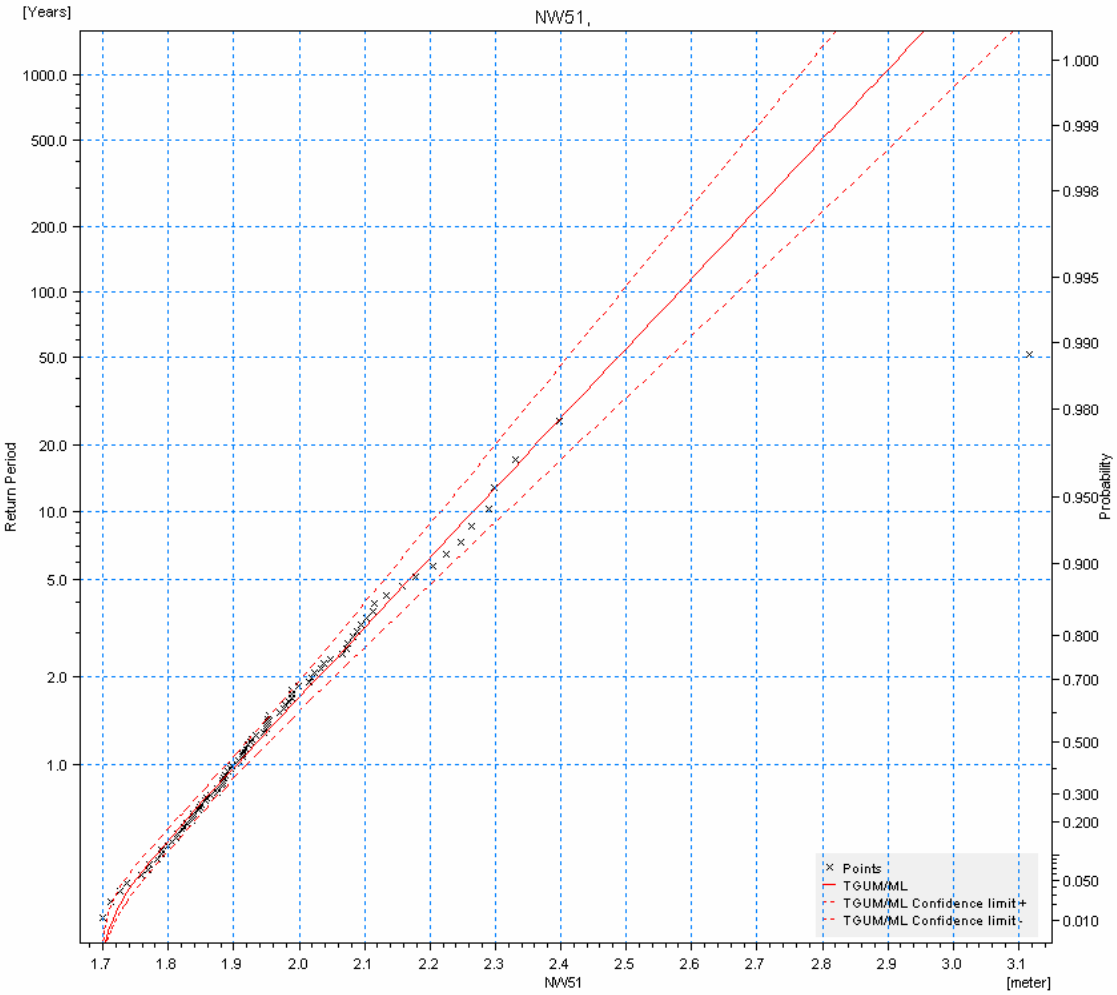
NW48		
		D/E Combination
	Return Period [years]	TGUM/ML
Estimated quantile	1.00	2.205
	2.00	2.324
	5.00	2.455
	10.00	2.548
	20.00	2.639
	25.00	2.668
	50.00	2.758
	100.00	2.847
	200.00	2.937
	500.00	3.055
	1000.00	3.144
Average quantile	1.00	2.205
	2.00	2.325
	5.00	2.458
	10.00	2.552
	20.00	2.644
	25.00	2.673
	50.00	2.764
	100.00	2.855
	200.00	2.945
	500.00	3.064
	1000.00	3.154
Standard deviation	1.00	0.015
	2.00	0.020
	5.00	0.029
	10.00	0.037
	20.00	0.045
	25.00	0.048
	50.00	0.056
	100.00	0.064
	200.00	0.072
	500.00	0.082
	1000.00	0.091
Goodness -of-fit statistics	CHISQ	9.539
	SLSC	0.016
	PPCC1	0.997
	PPCC2	0.997


[Years]
NW49,
1000.0
500.0
200.0
100.0
50.0
20.0
10.0
5.0
2.0
1.0
Return Period
1.000
0.999
0.998
0.995
0.990
0.980
0.950
0.900
0.800
0.700
0.500
0.300
0.200
0.050
0.010
Probability
1.8
1.9
2.0
2.1
2.2
2.3
2.4
2.5
2.6
2.7
2.8
2.9
3.0
3.1
3.2
NW49
[meter]
Points
TGUM/ML
TGUM/ML Confidence limit +
TGUM/ML Confidence limit -

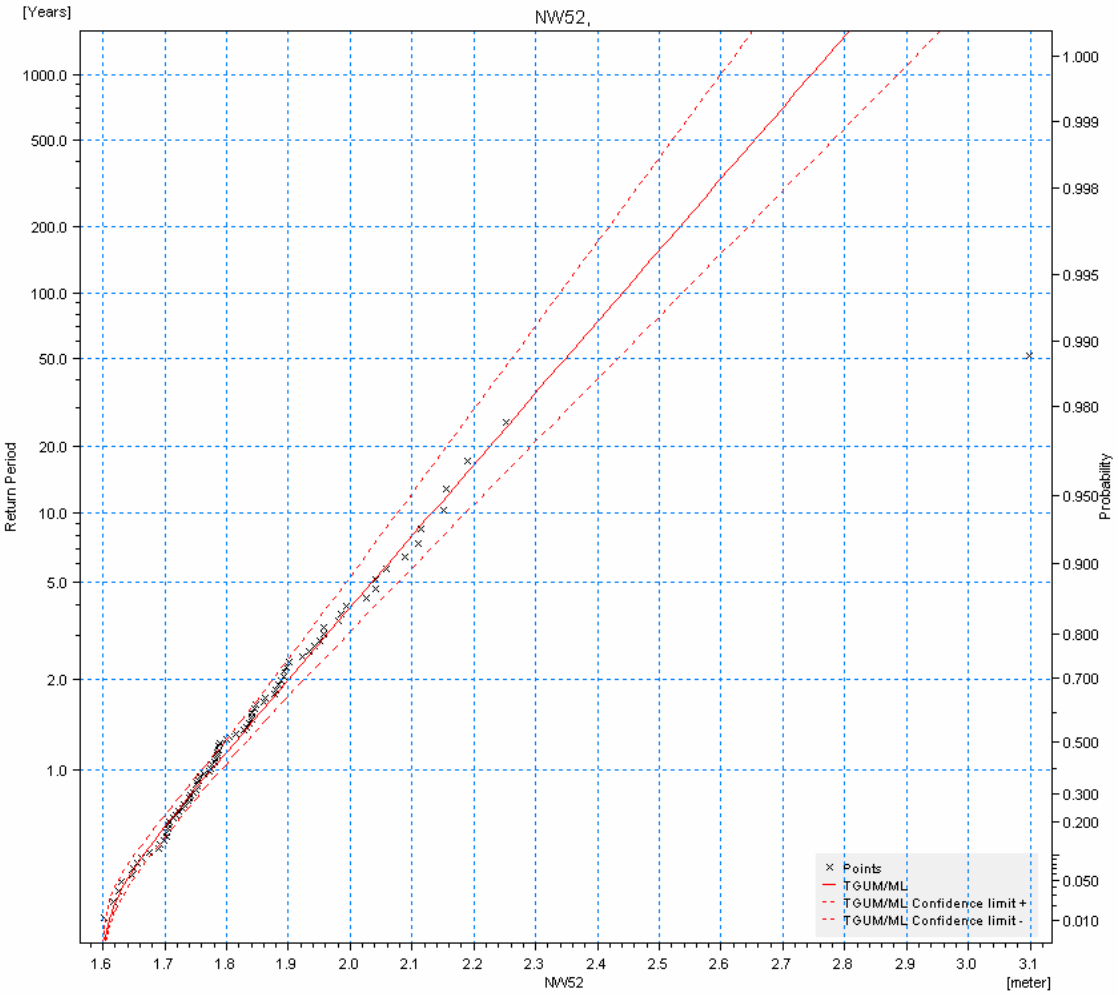
NW49		
		D/E Combination
	Return Period [years]	TGUM/ML
Estimated quantile	1.00	2.047
	2.00	2.168
	5.00	2.302
	10.00	2.397
	20.00	2.489
	25.00	2.519
	50.00	2.611
	100.00	2.702
	200.00	2.793
	500.00	2.913
	1000.00	3.004
Average quantile	1.00	2.047
	2.00	2.168
	5.00	2.303
	10.00	2.398
	20.00	2.491
	25.00	2.521
	50.00	2.613
	100.00	2.705
	200.00	2.796
	500.00	2.917
	1000.00	3.008
Standard deviation	1.00	0.015
	2.00	0.023
	5.00	0.034
	10.00	0.043
	20.00	0.052
	25.00	0.054
	50.00	0.063
	100.00	0.072
	200.00	0.081
	500.00	0.093
	1000.00	0.102
Goodness -of-fit statistics	CHISQ	1.674
	SLSC	0.062
	PPCC1	0.968
	PPCC2	0.968


[Years]
NW50,
1000.0
500.0
200.0
100.0
50.0
20.0
10.0
5.0
2.0
1.0
Return Period
1.000
0.999
0.998
0.995
0.990
0.980
0.950
0.900
0.800
0.700
0.500
0.300
0.200
0.050
0.010
Probability
1.8
1.9
2.0
2.1
2.2
2.3
2.4
2.5
2.6
2.7
2.8
2.9
3.0
3.1
3.2
NW50
[meter]
Points
TGUM/ML
TGUM/ML Confidence limit +
TGUM/ML Confidence limit -

NW50		
		D/E Combination
	Return Period [years]	TGUM/ML
Estimated quantile	1.00	2.015
	2.00	2.138
	5.00	2.274
	10.00	2.370
	20.00	2.465
	25.00	2.495
	50.00	2.588
	100.00	2.681
	200.00	2.774
	500.00	2.896
	1000.00	2.989
Average quantile	1.00	2.014
	2.00	2.138
	5.00	2.274
	10.00	2.371
	20.00	2.466
	25.00	2.496
	50.00	2.589
	100.00	2.683
	200.00	2.775
	500.00	2.898
	1000.00	2.991
Standard deviation	1.00	0.016
	2.00	0.023
	5.00	0.037
	10.00	0.047
	20.00	0.057
	25.00	0.060
	50.00	0.071
	100.00	0.081
	200.00	0.092
	500.00	0.106
	1000.00	0.116
Goodness -of-fit statistics	CHISQ	6.773
	SLSC	0.068
	PPCC1	0.963
	PPCC2	0.963


[Years]
NW51,
1000.0
500.0
200.0
100.0
50.0
20.0
10.0
5.0
2.0
1.0
Return Period
1.000
0.999
0.998
0.995
0.990
0.980
0.950
0.900
0.800
0.700
0.500
0.300
0.200
0.050
0.010
Probability
1.7
1.8
1.9
2.0
2.1
2.2
2.3
2.4
2.5
2.6
2.7
2.8
2.9
3.0
3.1
NW51
[meter]
Points
TGUM/ML
TGUM/ML Confidence limit+
TGUM/ML Confidence limit-

NW51		
		D/E Combination
	Return Period [years]	TGUM/ML
Estimated quantile	1.00	1.905
	2.00	2.030
	5.00	2.168
	10.00	2.266
	20.00	2.362
	25.00	2.393
	50.00	2.487
	100.00	2.581
	200.00	2.675
	500.00	2.800
	1000.00	2.893
Average quantile	1.00	1.905
	2.00	2.031
	5.00	2.169
	10.00	2.267
	20.00	2.363
	25.00	2.393
	50.00	2.488
	100.00	2.582
	200.00	2.676
	500.00	2.800
	1000.00	2.894
Standard deviation	1.00	0.016
	2.00	0.024
	5.00	0.039
	10.00	0.051
	20.00	0.062
	25.00	0.066
	50.00	0.077
	100.00	0.089
	200.00	0.100
	500.00	0.116
	1000.00	0.128
Goodness -of-fit statistics	CHISQ	1.621
	SLSC	0.085
	PPCC1	0.945
	PPCC2	0.945


[Years]
NW52,
1000.0
500.0
200.0
100.0
50.0
20.0
10.0
5.0
2.0
1.0
Return Period
1.000
0.999
0.998
0.995
0.990
0.980
0.950
0.900
0.800
0.700
0.500
0.300
0.200
0.050
0.010
Probability
1.6
1.7
1.8
1.9
2.0
2.1
2.2
2.3
2.4
2.5
2.6
2.7
2.8
2.9
3.0
3.1
NW52
[meter]
Points
TGUM/ML
TGUM/ML Confidence limit +
TGUM/ML Confidence limit -

NW52		
		D/E Combination
	Return Period [years]	TGUM/ML
Estimated quantile	1.00	1.776
	2.00	1.900
	5.00	2.035
	10.00	2.132
	20.00	2.225
	25.00	2.255
	50.00	2.348
	100.00	2.440
	200.00	2.533
	500.00	2.654
	1000.00	2.746
Average quantile	1.00	1.776
	2.00	1.900
	5.00	2.035
	10.00	2.131
	20.00	2.224
	25.00	2.254
	50.00	2.347
	100.00	2.438
	200.00	2.530
	500.00	2.651
	1000.00	2.743
Standard deviation	1.00	0.015
	2.00	0.025
	5.00	0.042
	10.00	0.055
	20.00	0.068
	25.00	0.073
	50.00	0.086
	100.00	0.099
	200.00	0.112
	500.00	0.130
	1000.00	0.143
Goodness -of-fit statistics	CHISQ	1.000
	SLSC	0.107
	PPCC1	0.922
	PPCC2	0.922