

Appendix A

Historical Water Table Elevation

Wells in Group A

114-MW43A 114-MW42A
MW-32 MW-33

Add Brushed Well(s) To Group A

Remove Brushed Well(s) from Group A

Brushed Wells

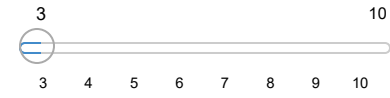
Annotate ECDF plot

Marginal Histogram Options

Histogram shows:

Brush Group All

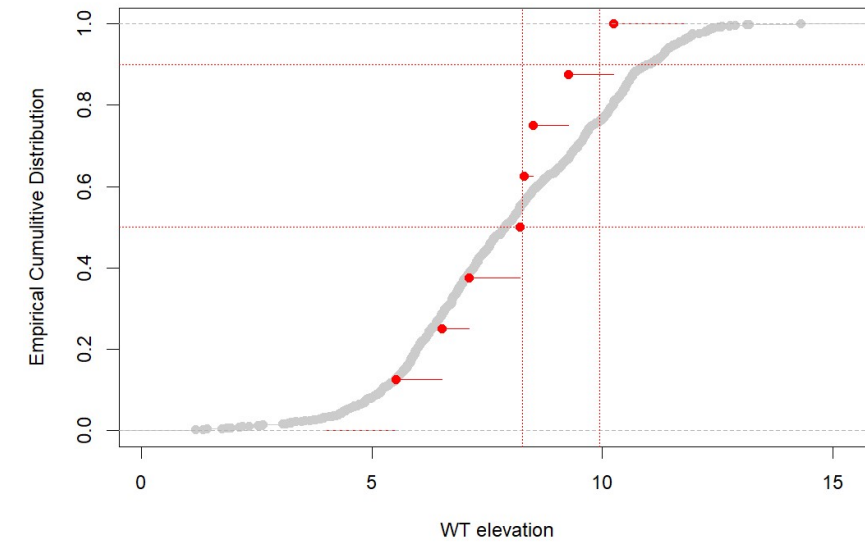
Regression Spline Degrees of Freedom



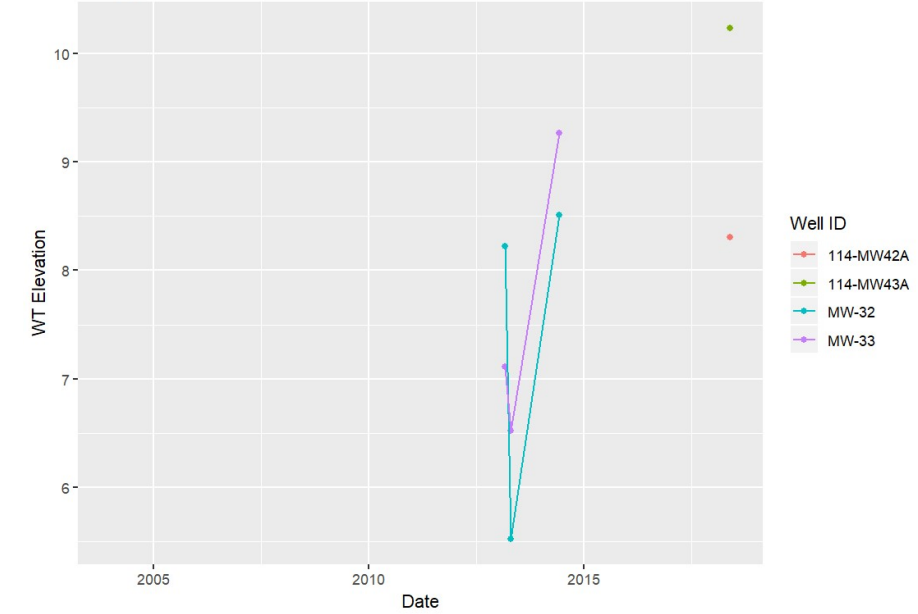
The 0.9 quantile regression is performed on a beta-spline, of the form 'rq(wt_elev ~ bs(date))'



ECDF of Selected Data



Group Wells



Group Water Table Elevation Percentiles

Percentile	Elevation (ft)
50%	8.3
60%	8.4
70%	8.6
80%	9.2
90%	9.9
100%	10.2

Group Size: 8 gaugings in 4 wells.