**Appendix B** –

Graphs of (the observed Type I error rate of the WBT) as a function of (the block length). Results shown are from simulations of the CUYA, VERM and MAUM models.



Figure B - Observed Type I error rate , for the WRTDS Bootstrap Test, for the three models, with record length of 10 years and sampling frequency of 12 samples per year.



Figure B - Observed Type I error rate , for the WRTDS Bootstrap Test, for the three models, with record length of 10 years and sampling frequency of 24 samples per year.



Figure B: Observed Type I error rate , for the WRTDS Bootstrap Test, for the three models, with record length of 20 years and sampling frequency of 6 samples per year.



Figure B: Observed Type I error rate , for the WRTDS Bootstrap Test, for the three models, with record length of 20 years and sampling frequency of 12 samples per year.



Figure B Observed Type I error rate , for the WRTDS Bootstrap Test, for the three models, with record length of 20 years and sampling frequency of 24 samples per year.



Figure B Observed Type I error rate , for the WRTDS Bootstrap Test, for the three models, with record length of 30 years and sampling frequency of 6 samples per year.



Figure B Observed Type I error rate , for the WRTDS Bootstrap Test, for the three models, with record length of 30 years and sampling frequency of 12 samples per year.



Figure B Observed Type I error rate , for the WRTDS Bootstrap Test, for the three models, with record length of 30 years and sampling frequency of 24 samples per year.