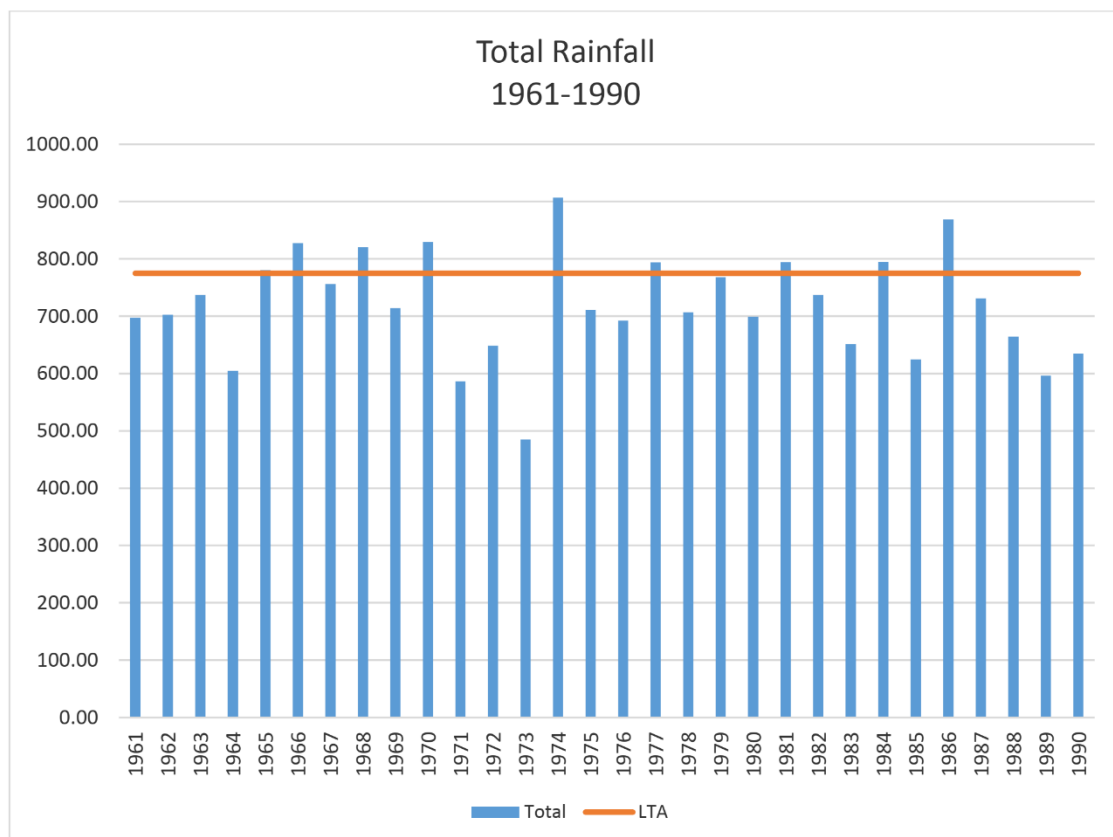
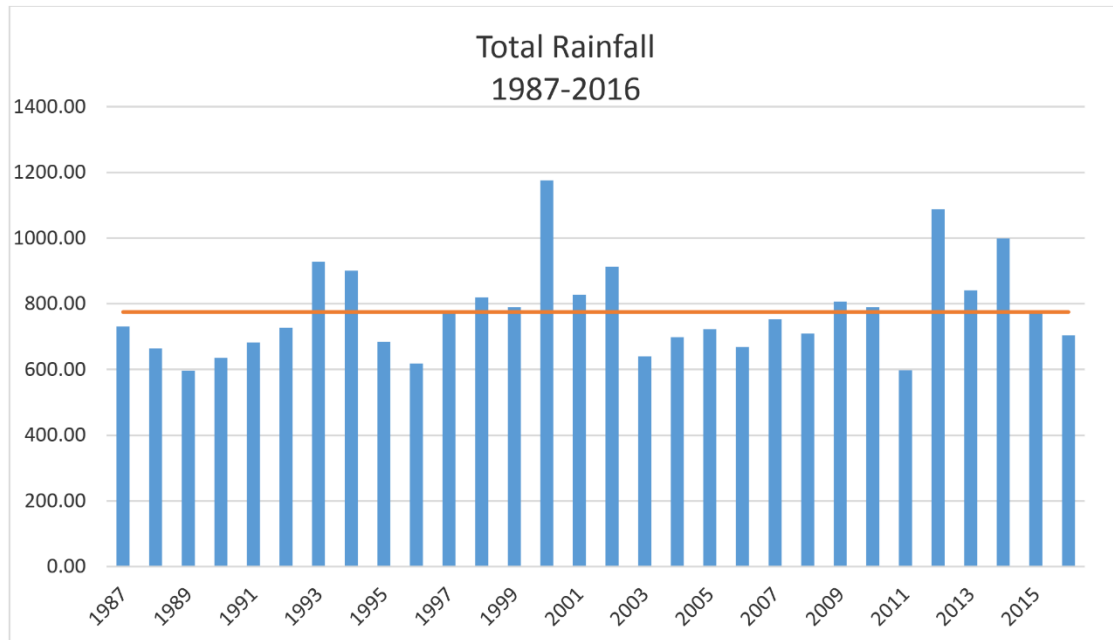
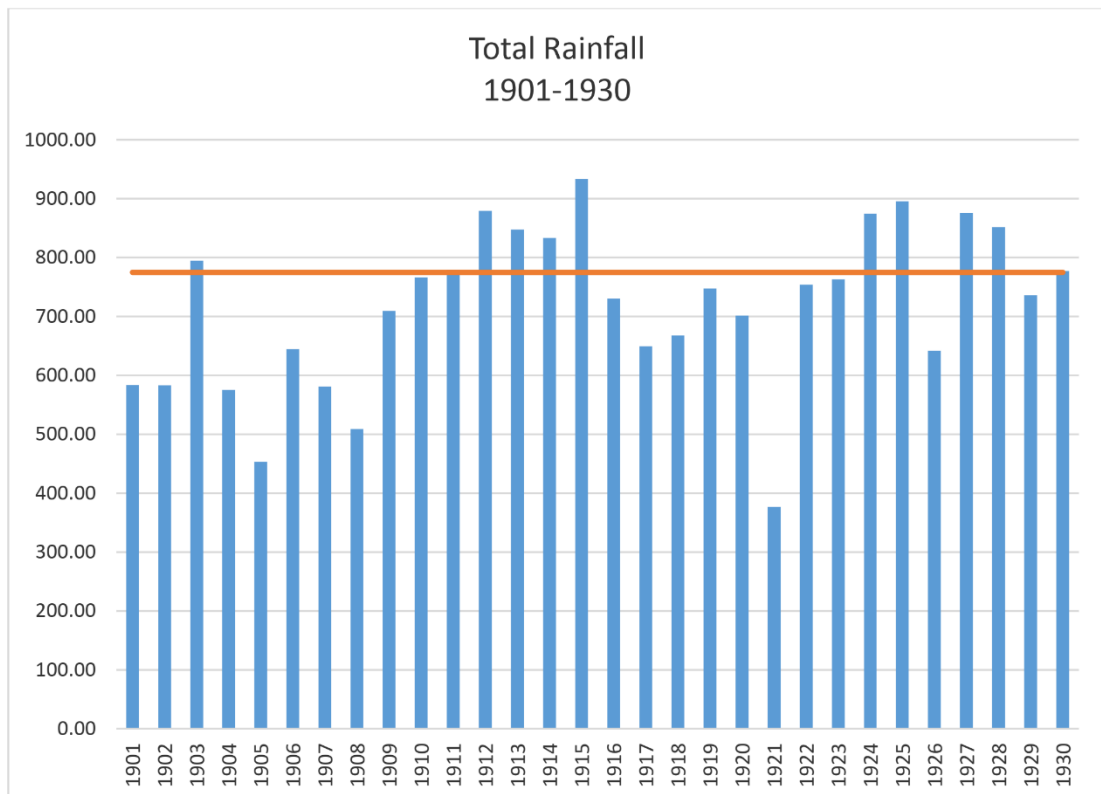
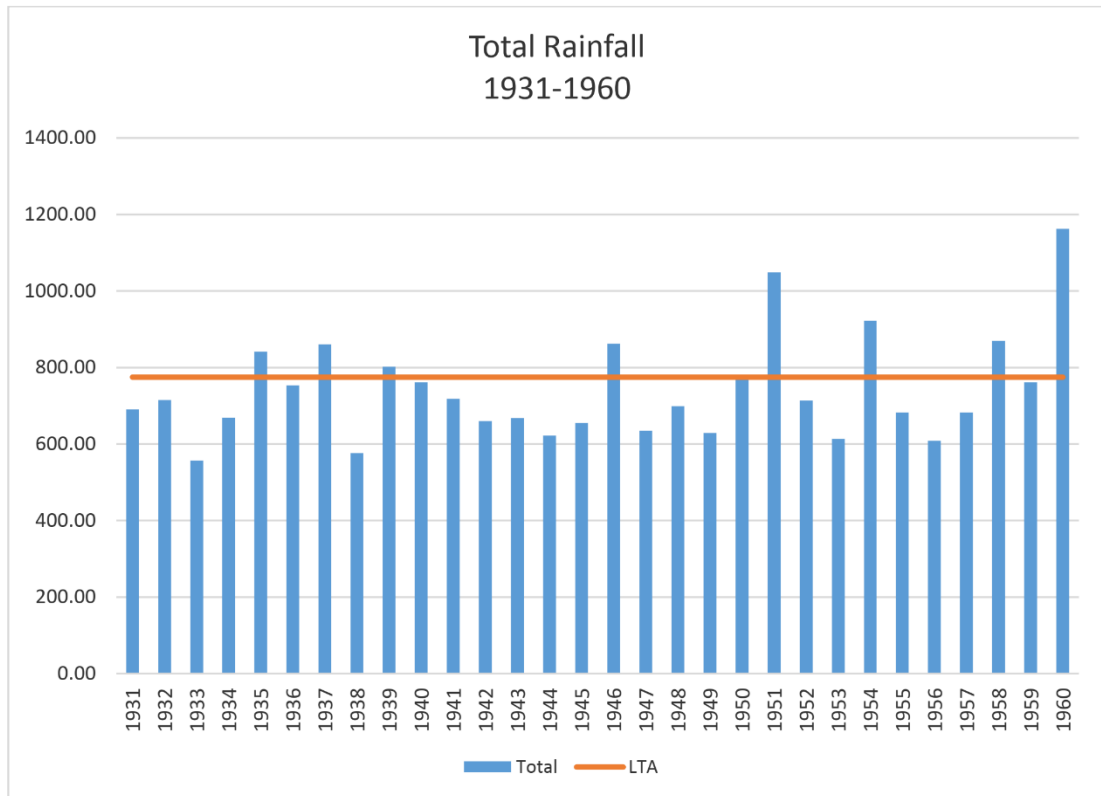


Appendix 'A'

Rainfall data

The figures below show the rainfall (in mm) for four set of periods compared with the Long-Term Average (LTA) rainfall.





We have undertaken analysis on historical rainfall data to allow a relationship to be developed between the amount of rainfall experienced in the winter period and the likelihood of this occurring in a given year. The following graph shows one possible relationship which fits the data relatively well.

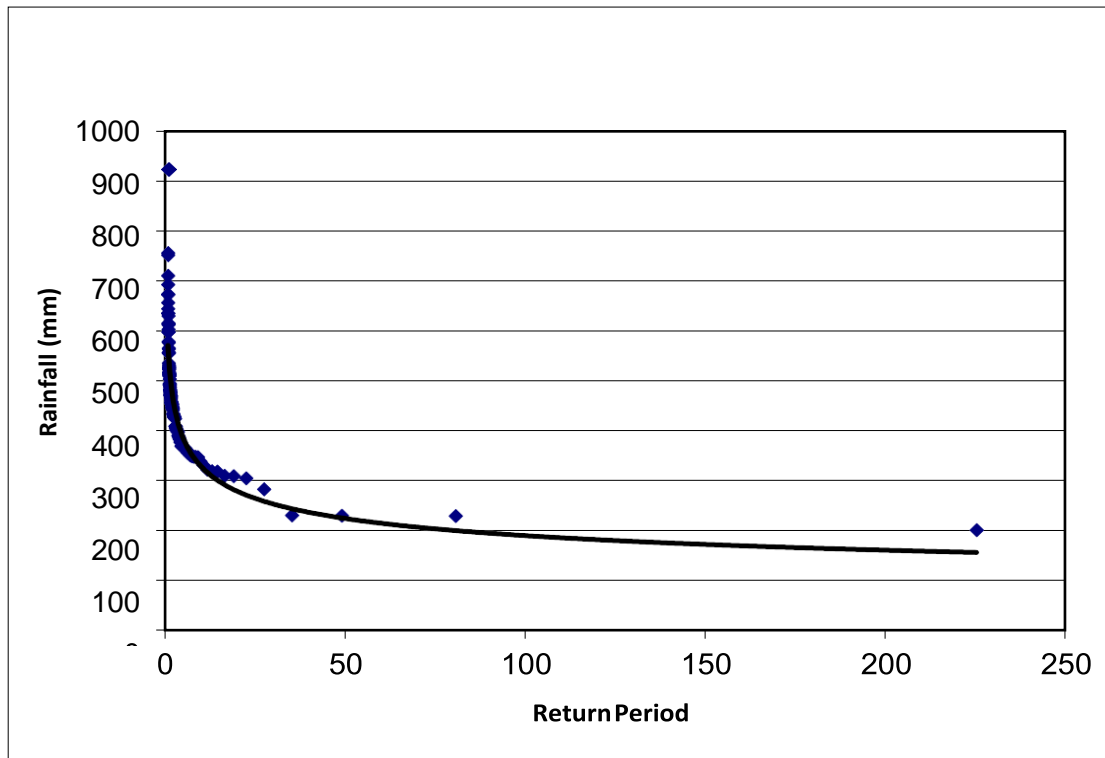


Figure 6: Return Period of Winter Rainfall

This relationship implies that the low winter rainfall in 1975-76 was a rare event with a return period of around 1 in 80 years. Our WRMP is based upon an initial Level of Service (LOS) of 1 in 20 years for the imposition of Temporary Bans. This means that on average we will implement the first phases of the Drought Plan once in twenty years or with a 5% risk of failure of the level of service. On occasions where the demands are predicted to exceed the available deployable output, the Plan sets out the measures we expect to use to maintain essential supplies.