

## TR-022 Disclaimer

The results presented in this paper represent a first step towards the interpretation of ECA in its effect on peak streamflow. Very substantial changes in peak flow were documented for relatively small changes in ECA at Russell Creek. While the research has been judged sound under critical review, the method (meteorological control) used to assess these changes is not the standard method and has yet to be accepted by the scientific community at large. Furthermore, the method has been applied to one watershed under a limited range of ECA conditions. Therefore the results of this analysis are not ready for general application. The following steps must be taken:

- The meteorological control method must be evaluated alongside the standard paired watershed method to validate its utility at assessing changes in peak flow. This must be done in an experimental watershed that has both a control watershed and the appropriate meteorological data.
- The product of the above analysis will be submitted to a refereed journal (Water Resources Research) for publication.
- Once accepted the meteorological control method can be applied to other logged watersheds with a range of morphological characteristics.
- Once the above steps have been taken, then a general model of the relationship between ECA and peak streamflow will begin to emerge.