

The pages in this document were taken from the "Millers Creek Watershed Improvement Plan" published in April 2004. The entire document can be found at <http://www.aamillerscreek.org/Findings.htm>.

Millers Creek Watershed Improvement Plan

Excerpt Showing an Example of Climate Documentation

April 2004

Climate

In Ann Arbor on average, 32-35 inches of total annual precipitation falls during roughly 120 days of the year (UM weather station data, **See Appendix F**). Over half the days with precipitation, the total precipitation amounts to 0.1 inches or less. On any given year, 90% of all daily precipitation events result in a 24-hour total depth of 0.66 inches or less. It is also highly probable in any given year that there are only 3 or 5 events with a 24-hour total of an inch or more of precipitation.

During January, typically the coldest month of the year, temperatures average between 16 and 30 degrees Fahrenheit (°F). During July, typically the warmest month of the year, temperatures average between 62 and 83 °F (NOAA, 2000). Average annual evaporation is nearly in balance with total precipitation, with approximately 31-33 inches a year lost to the atmosphere as evaporation (Eichenlaub, et al., 1990).