



Tallapoosa River

Monthly Frequency Analysis of Martin Inflows



Monthly Frequency Analysis of Martin Inflows



- Requested by stakeholders.
- Assess risk of 100 year flood for each months.
- Report will be submitted to FERC.
- Address higher winter pool alternatives.



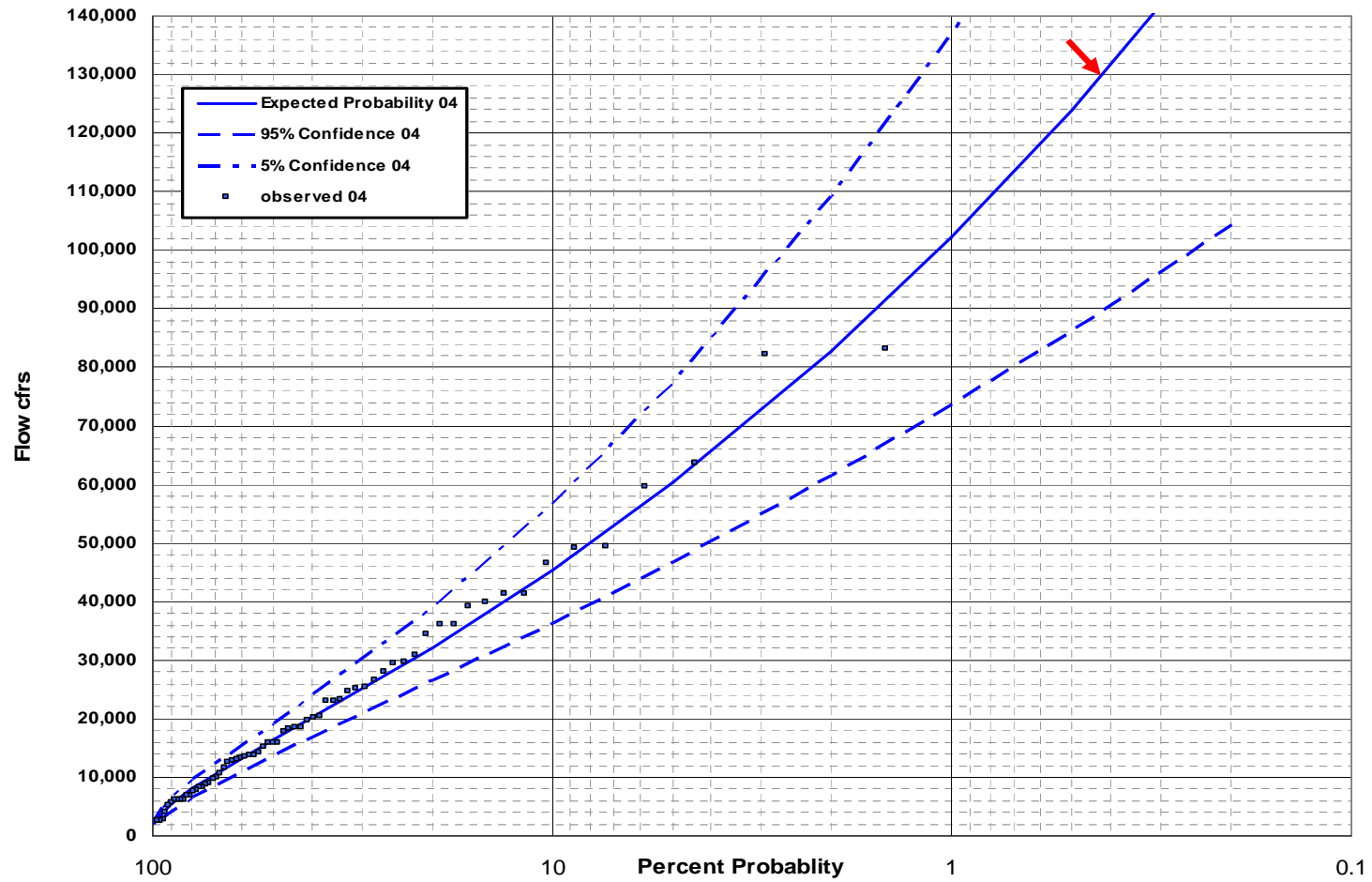
Monthly Frequency Analysis of Martin Inflows



- COE Unimpaired Data Set (unsmoothed)
 - Period of Record 1939 – 2004 (66 yrs)
- Select peak flow for a each month.
- HEC-SSP version 1.1
 - Log Pearson Type III
 - Station Skew
- Determine Risk of 100 yr Flood
 - All 12 months Jan – Dec.

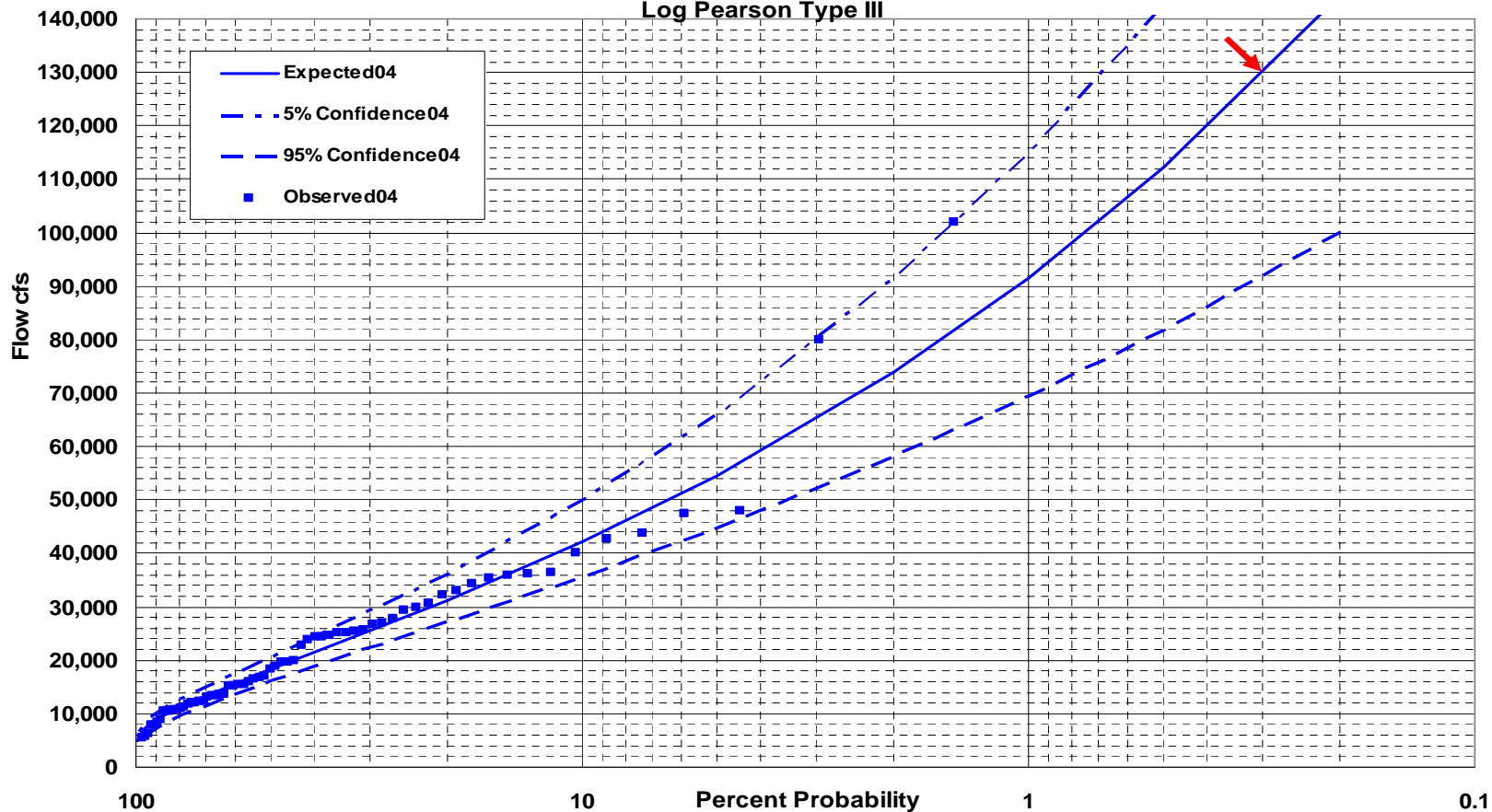
January Frequency Analysis

Log Pearson Type III



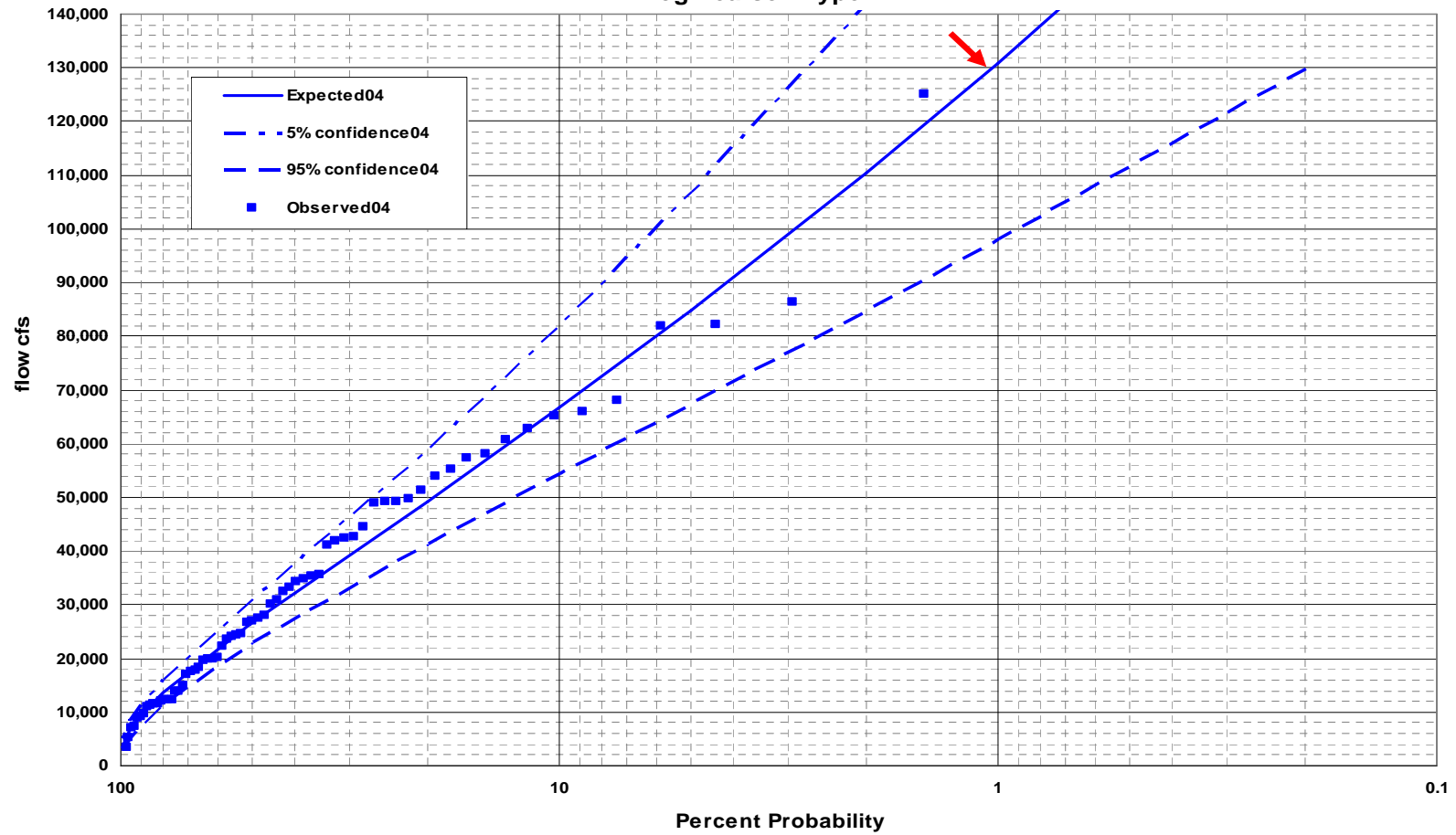
Feburary Freq. Analysis

Log Pearson Type III



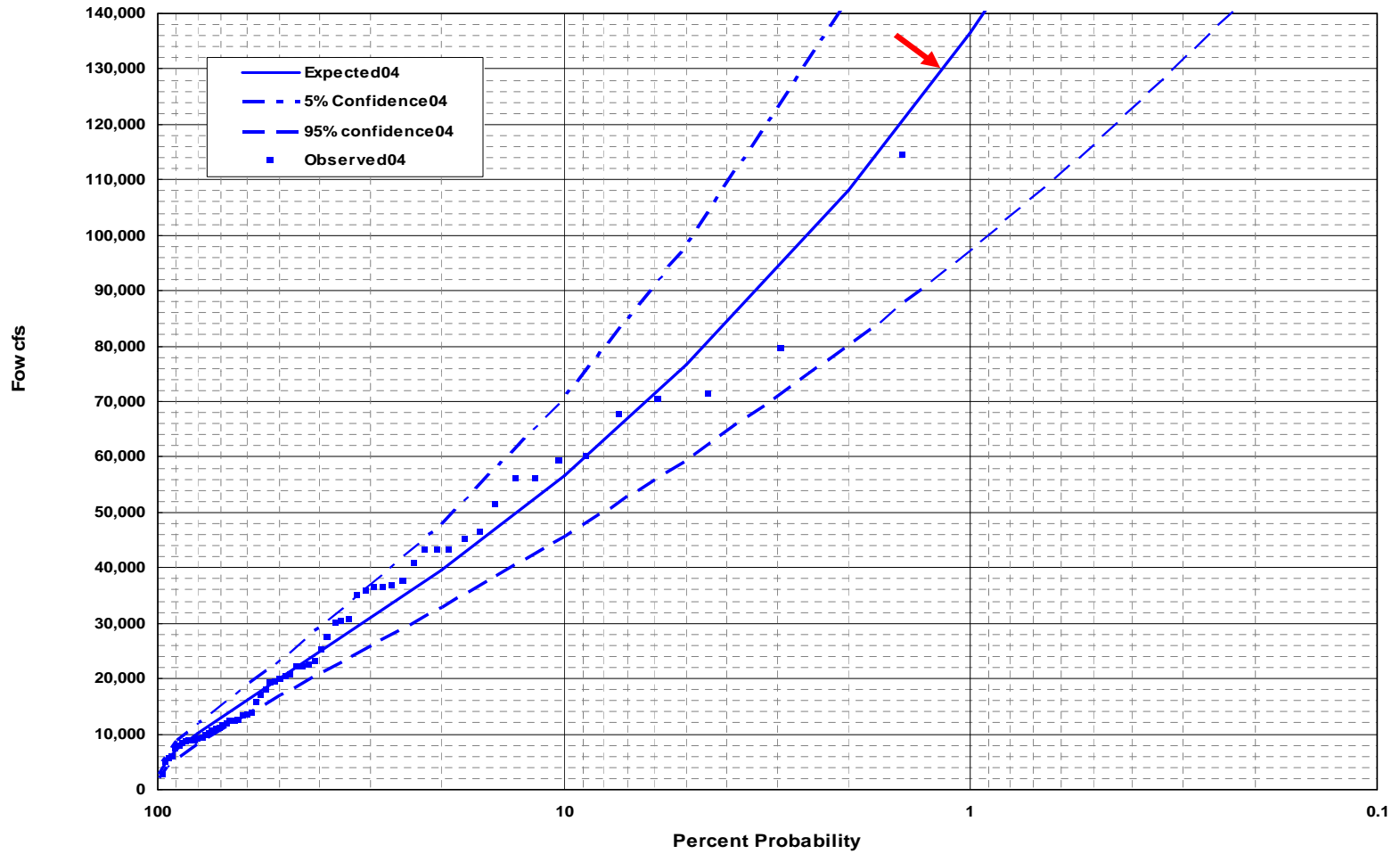
March Frequency Analysis

Log Pearson Type III



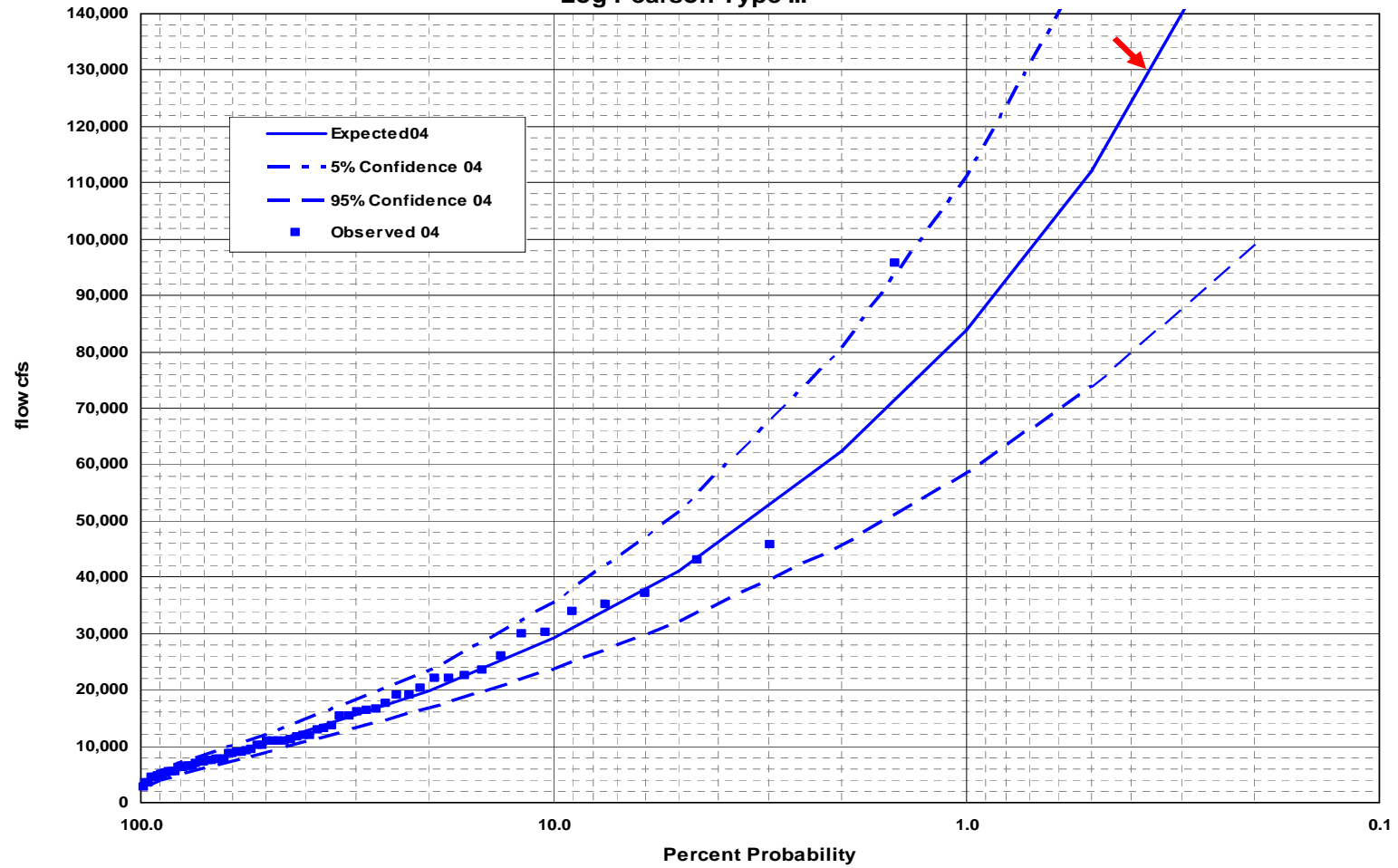
April Frequency Analysis

Log Pearson Type III



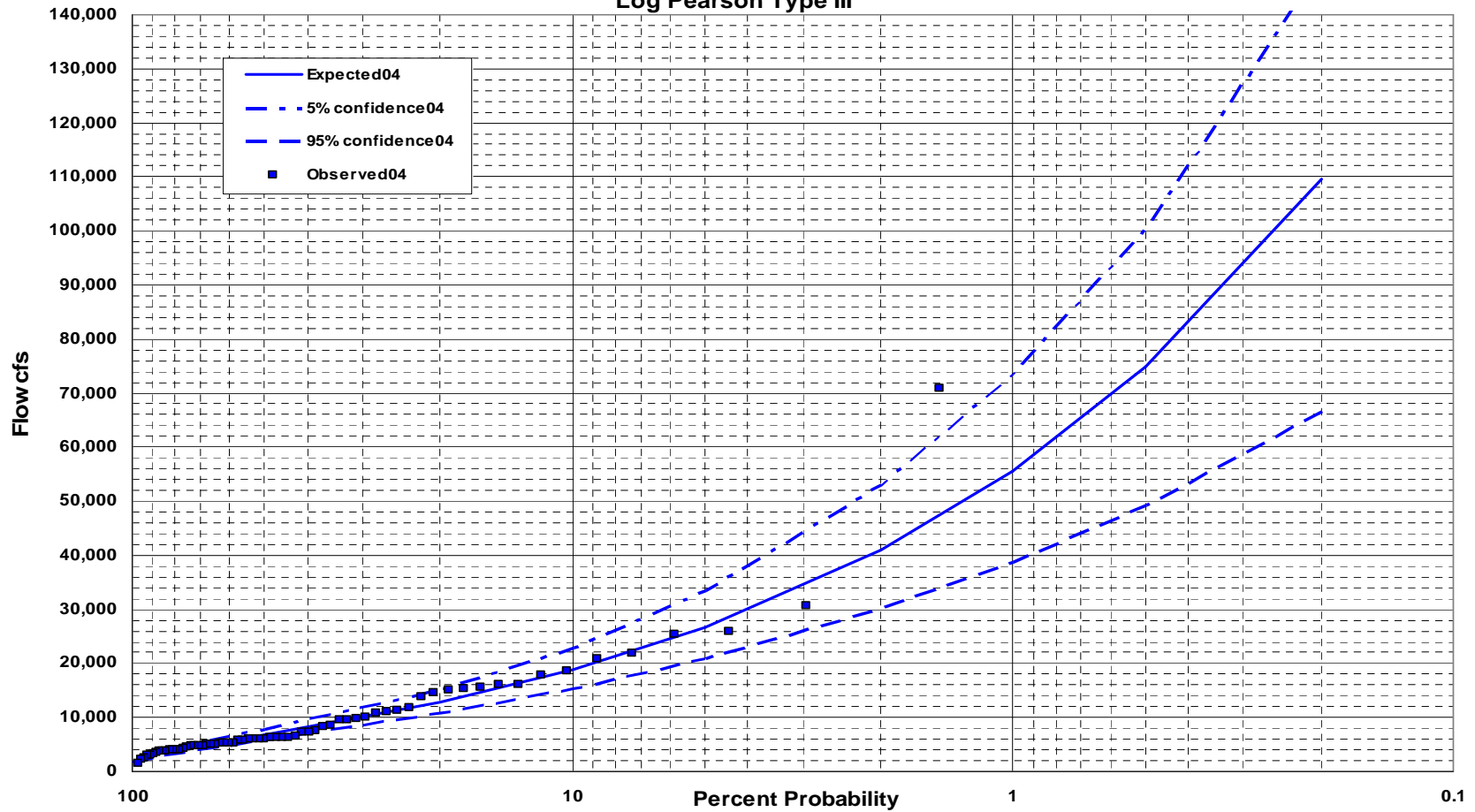
May Frequency Analysis

Log Pearson Type III



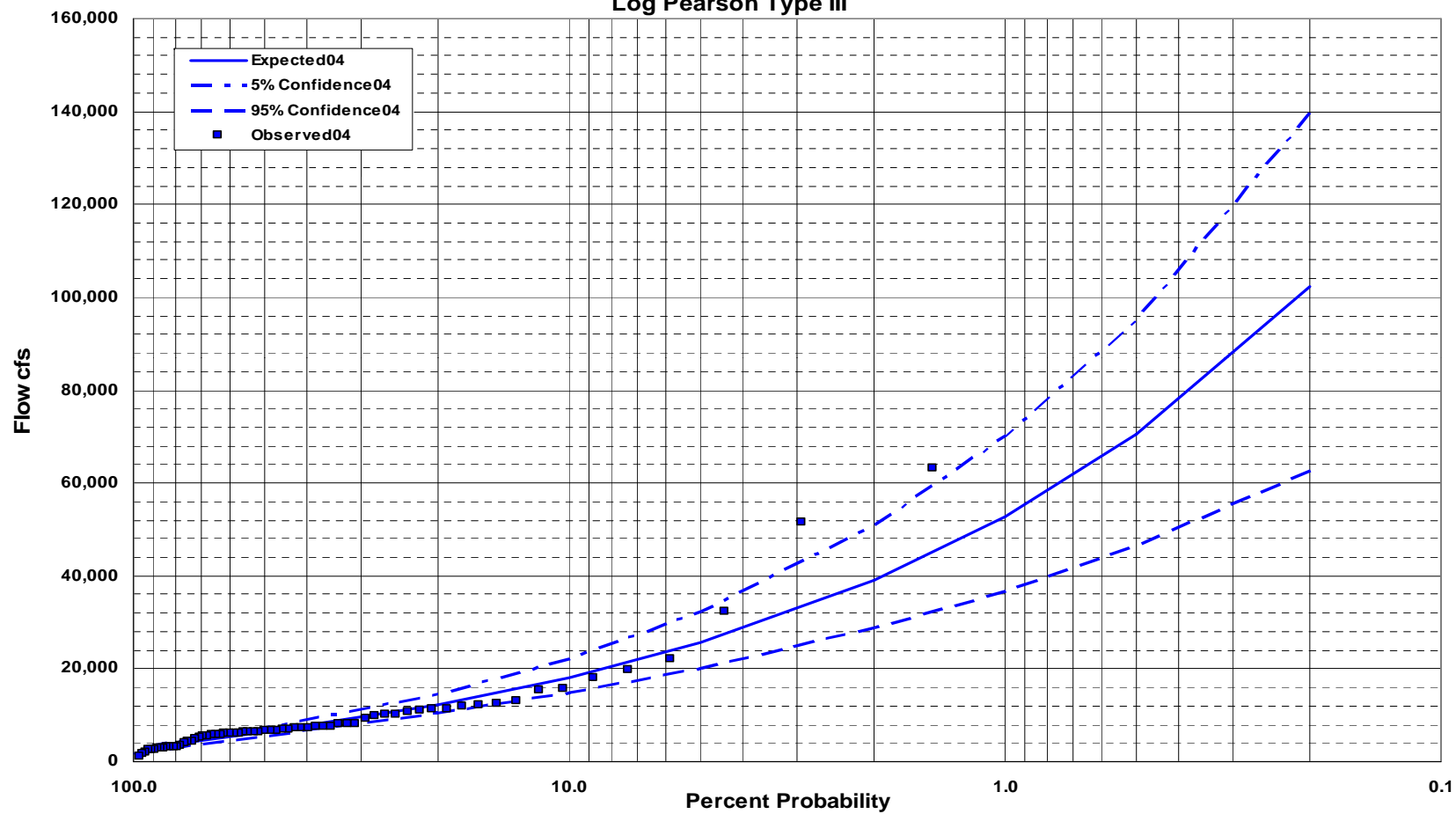
June Frequency Analysis

Log Pearson Type III



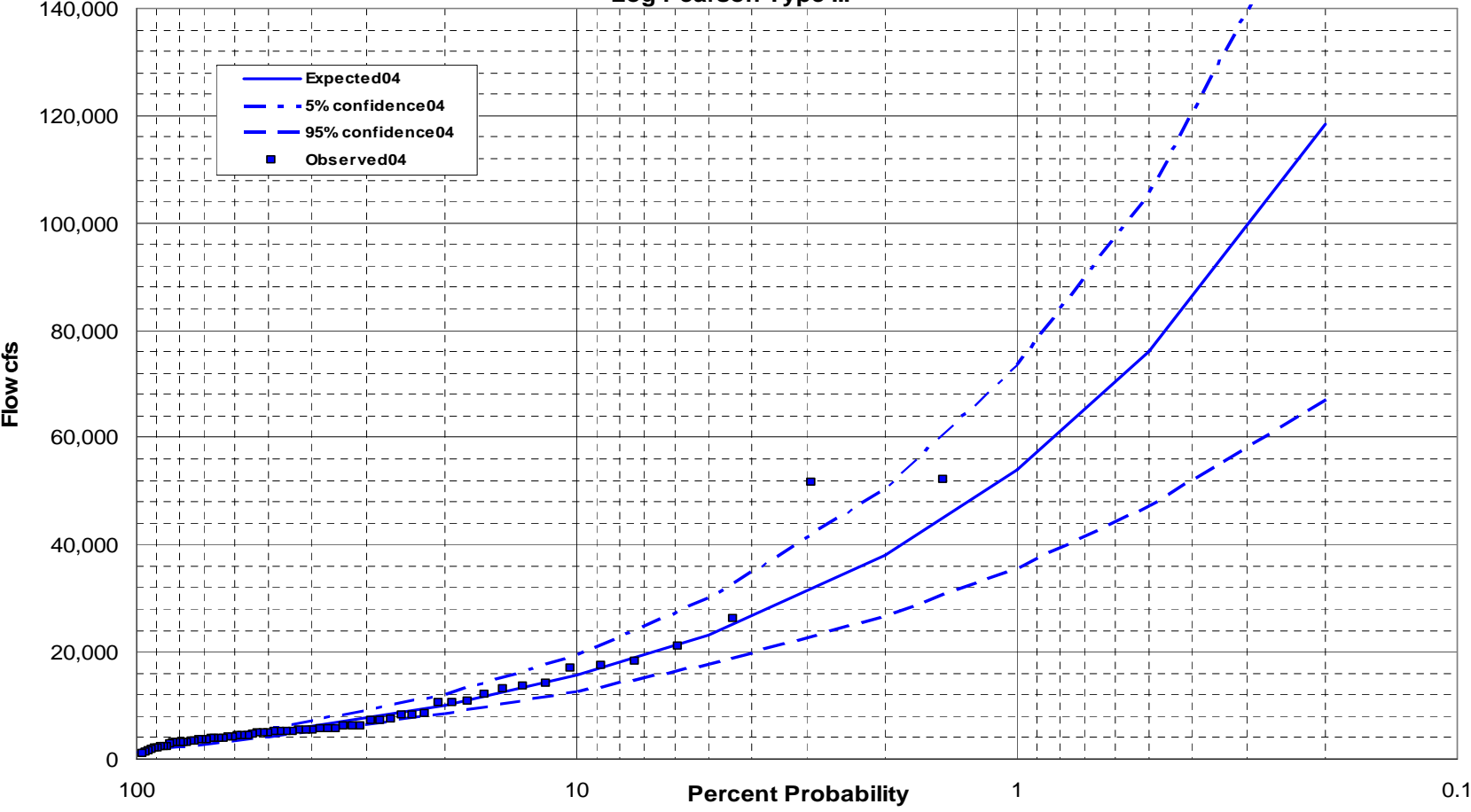
July Frequency Analysis

Log Pearson Type III



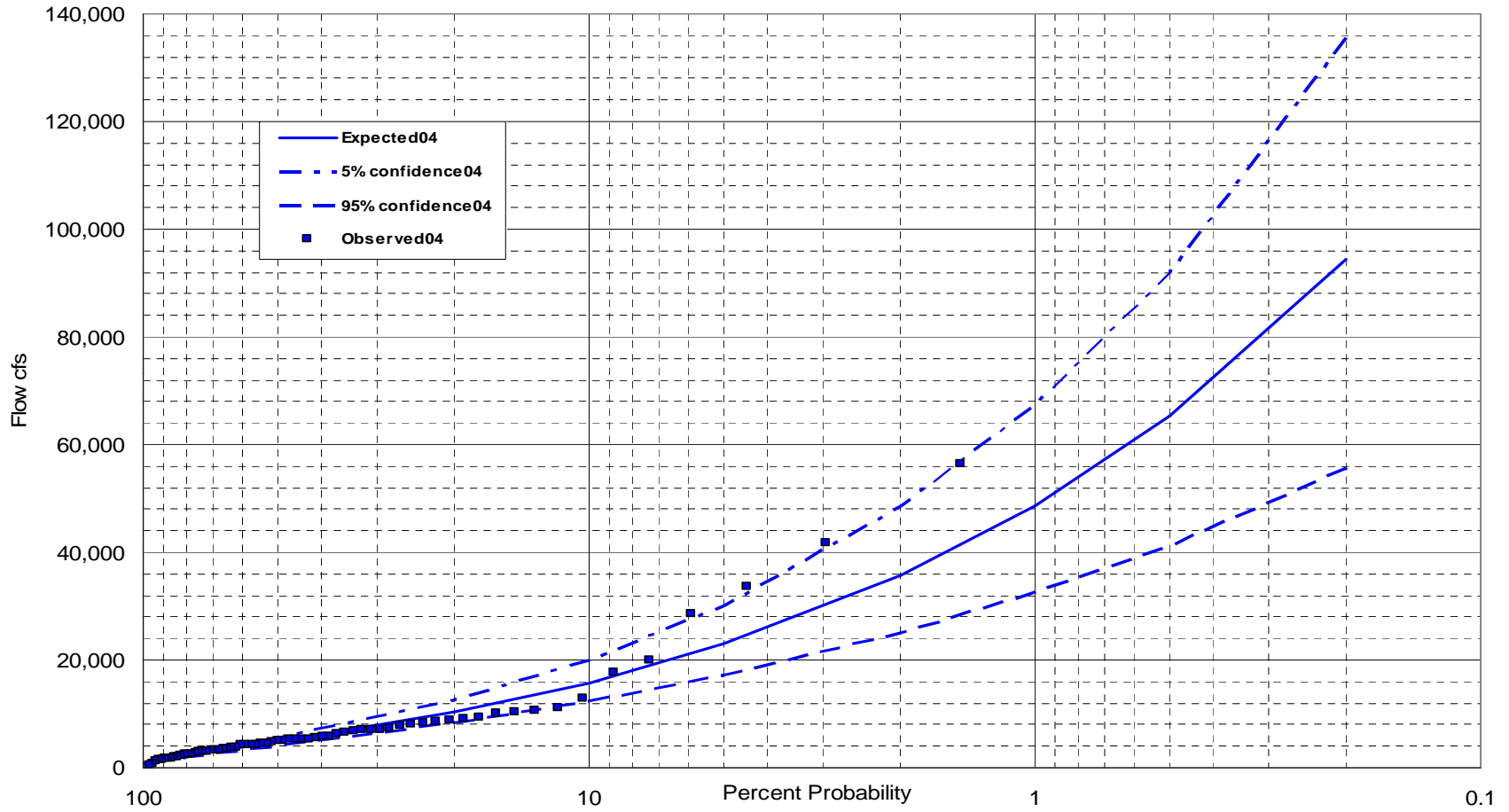
August Frequency Analysis

Log Pearson Type III



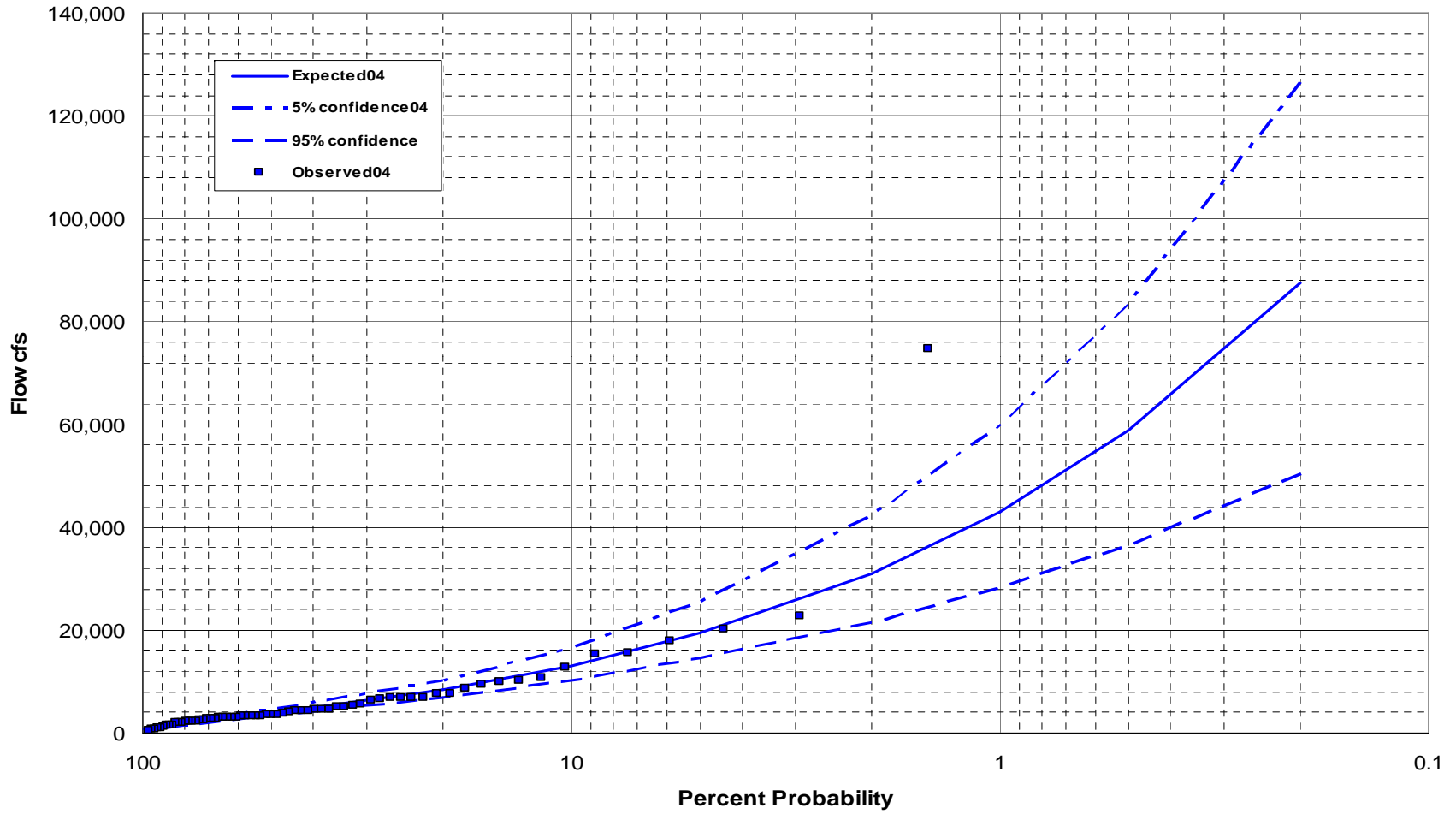
September Frequency Analysis

Log Pearson Type III



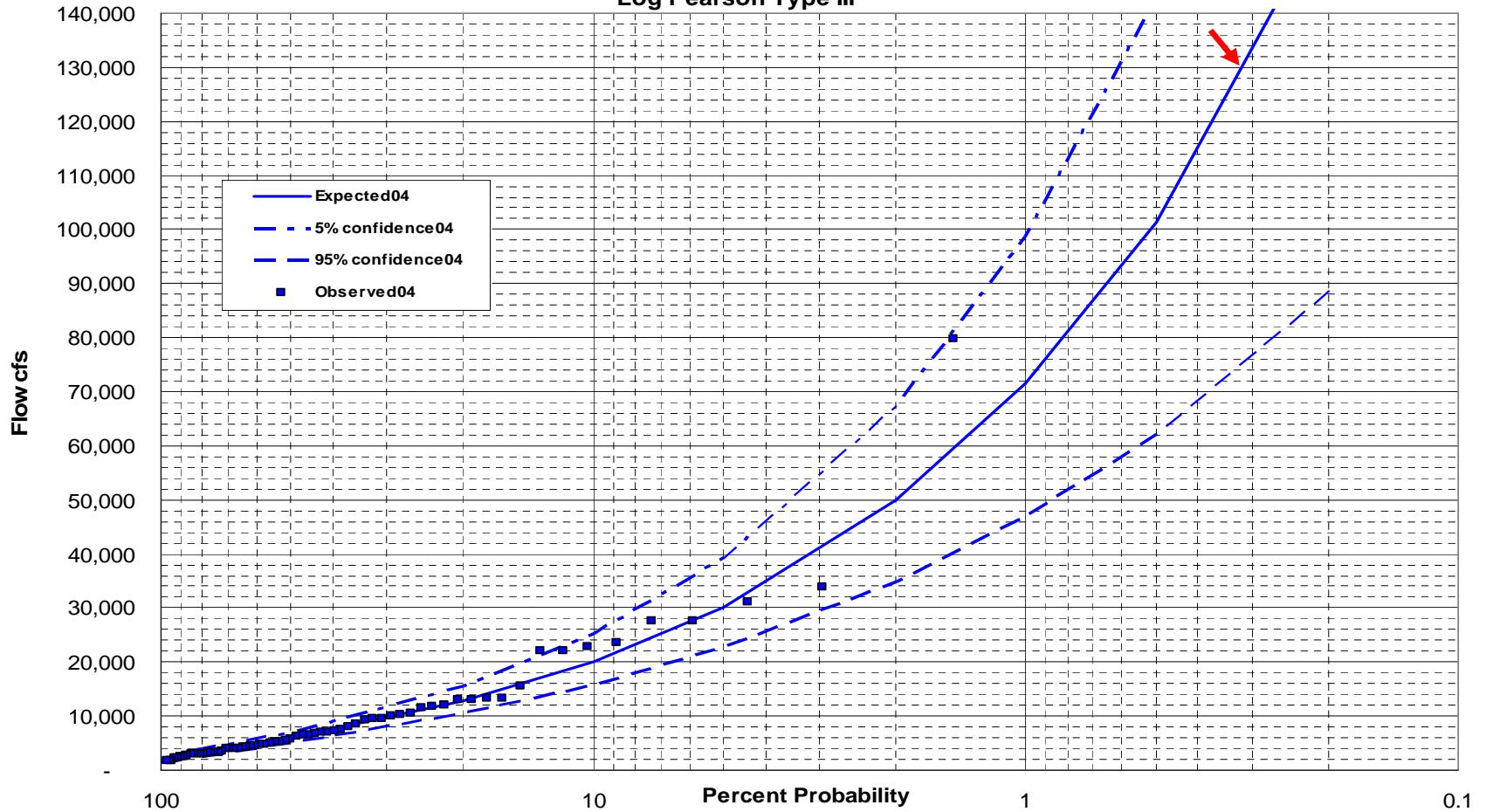
October Frequency Analysis

Log Pearson Type III



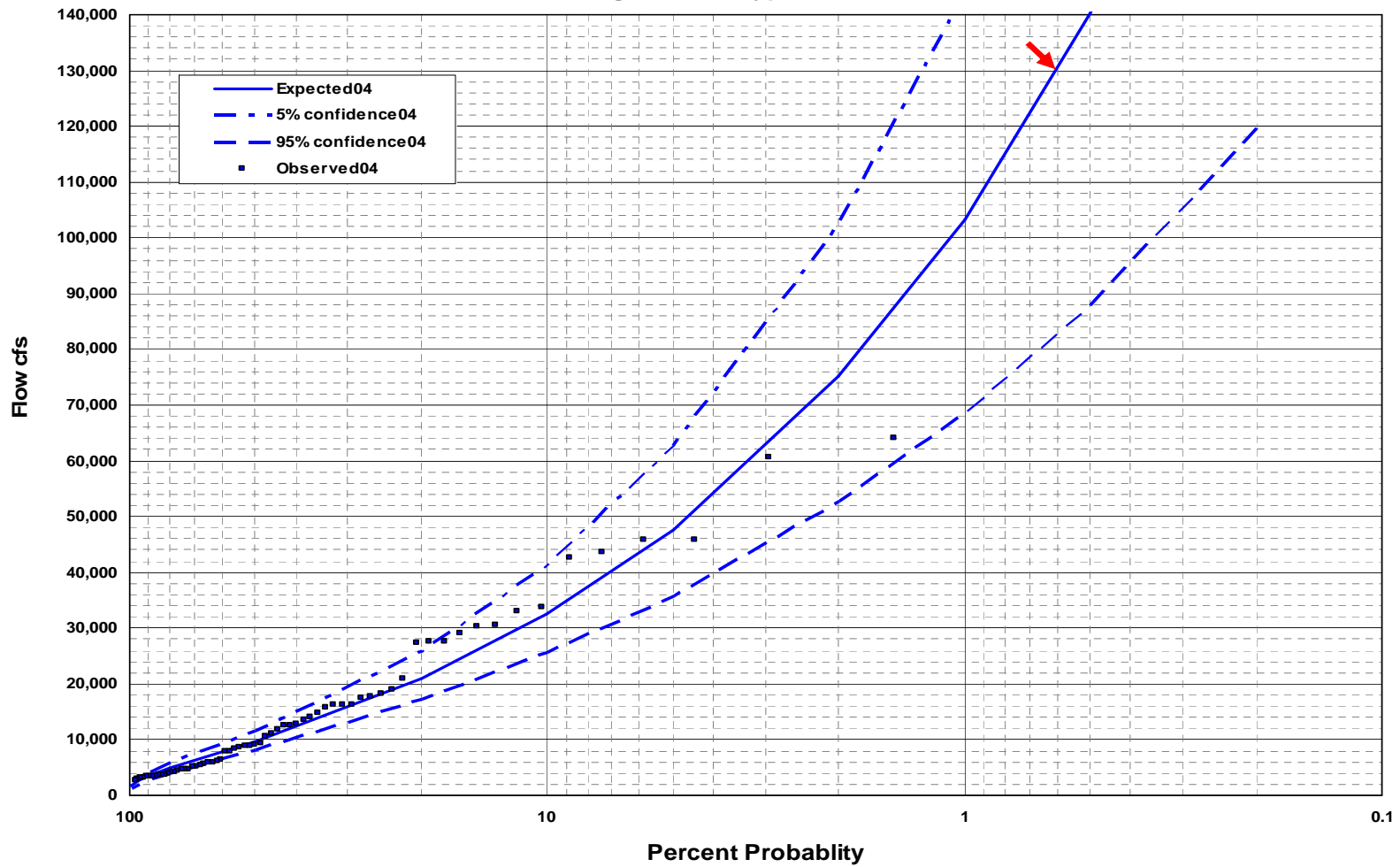
November Frequency Analysis

Log Pearson Type III



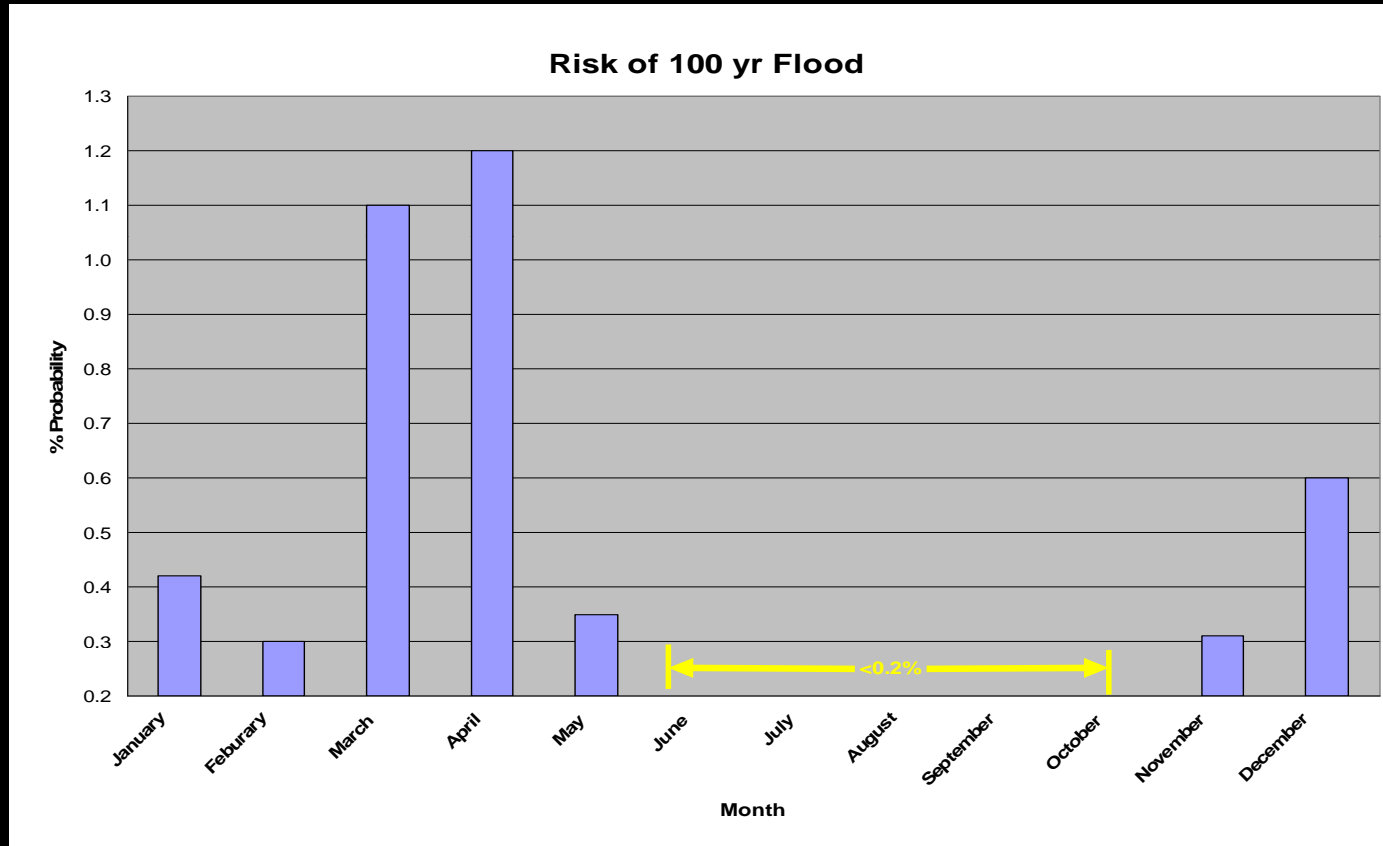
December Frequency Analysis

Log Pearson Type III





Monthly Frequency Analysis of Martin Inflows



Martin Pool

