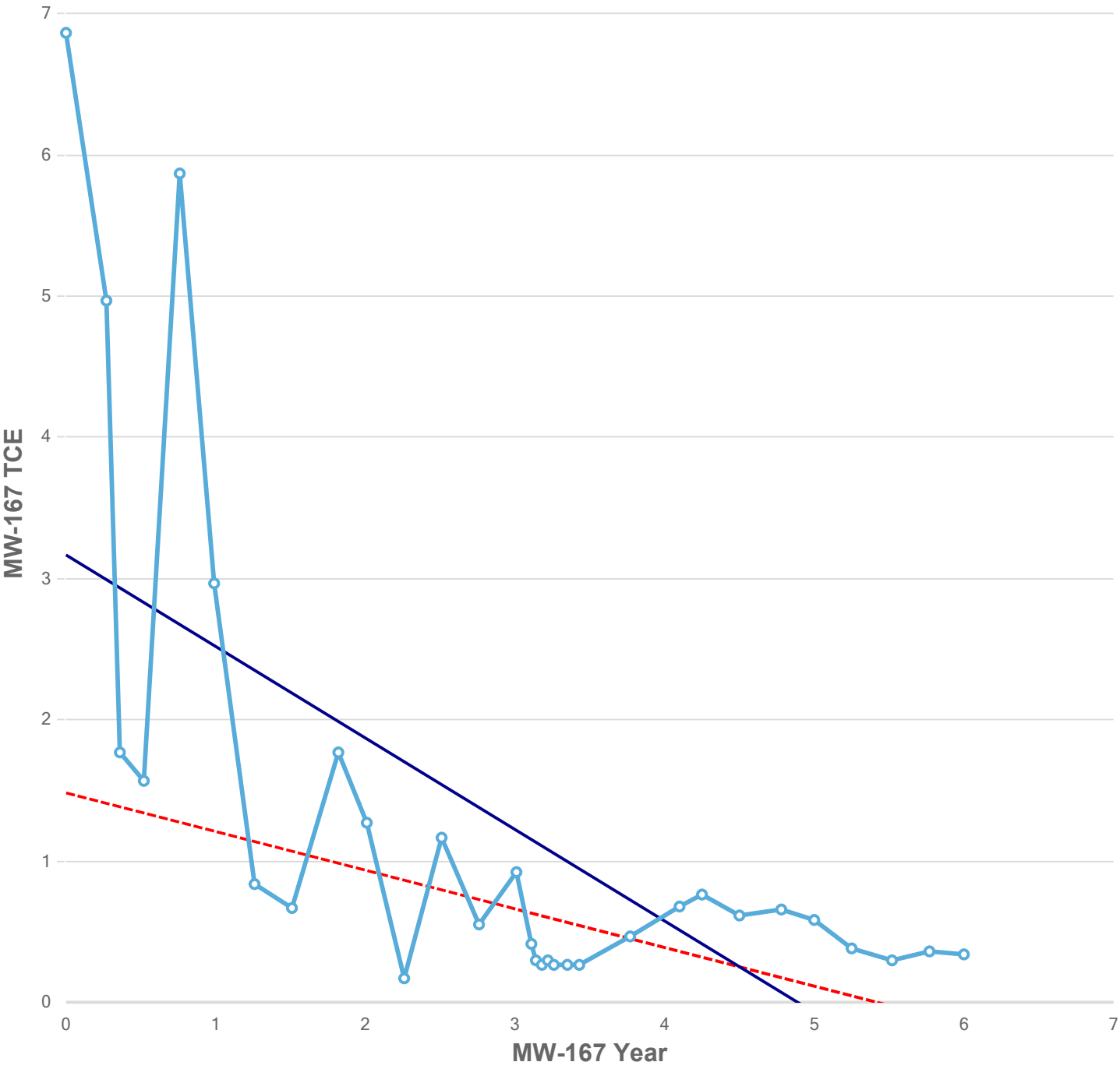


# Mann-Kendall Trend Test



## Mann-Kendall Trend Analysis

|                            |         |
|----------------------------|---------|
| n                          | 31      |
| Confidence Coefficient     | 0.9000  |
| Level of Significance      | 0.1000  |
| Standard Deviation of S    | 58.7225 |
| Standardized Value of S    | -3.7805 |
| M-K Test Value (S)         | -223    |
| Appx. Critical Value (0.1) | -1.2816 |
| Approximate p-value        | 0.0001  |

## OLS Regression Line (Blue)

|                          |         |
|--------------------------|---------|
| OLS Regression Slope     | -0.6489 |
| OLS Regression Intercept | 3.1961  |

## Theil-Sen Trend Line (Red)

|                     |         |
|---------------------|---------|
| Theil-Sen Slope     | -0.2764 |
| Theil-Sen Intercept | 1.5178  |

Statistically significant evidence of a decreasing trend at the specified level of significance.