The precipitation rate relationship is given by:

\[ f_i^{(1)} = \frac{3}{2} g_i \]

This equation represents the interpolated data, where \( f_i^{(1)} \) is the interpolated function value at time \( t_i \), and \( g_i \) is the original data value at the same time. The graph illustrates the original data (green) and the interpolated data (blue) with a zero baseline (black line).