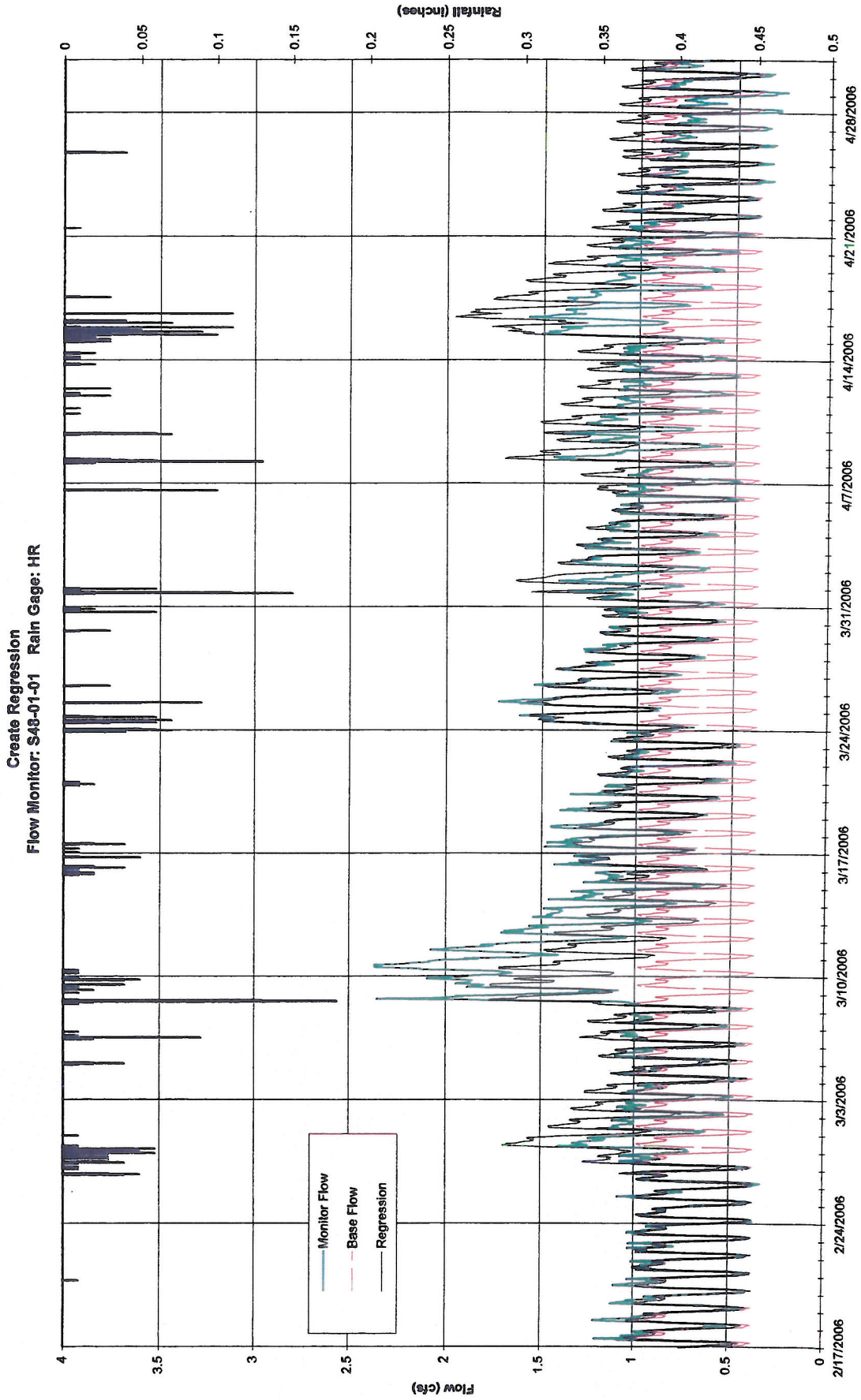


Appendix C

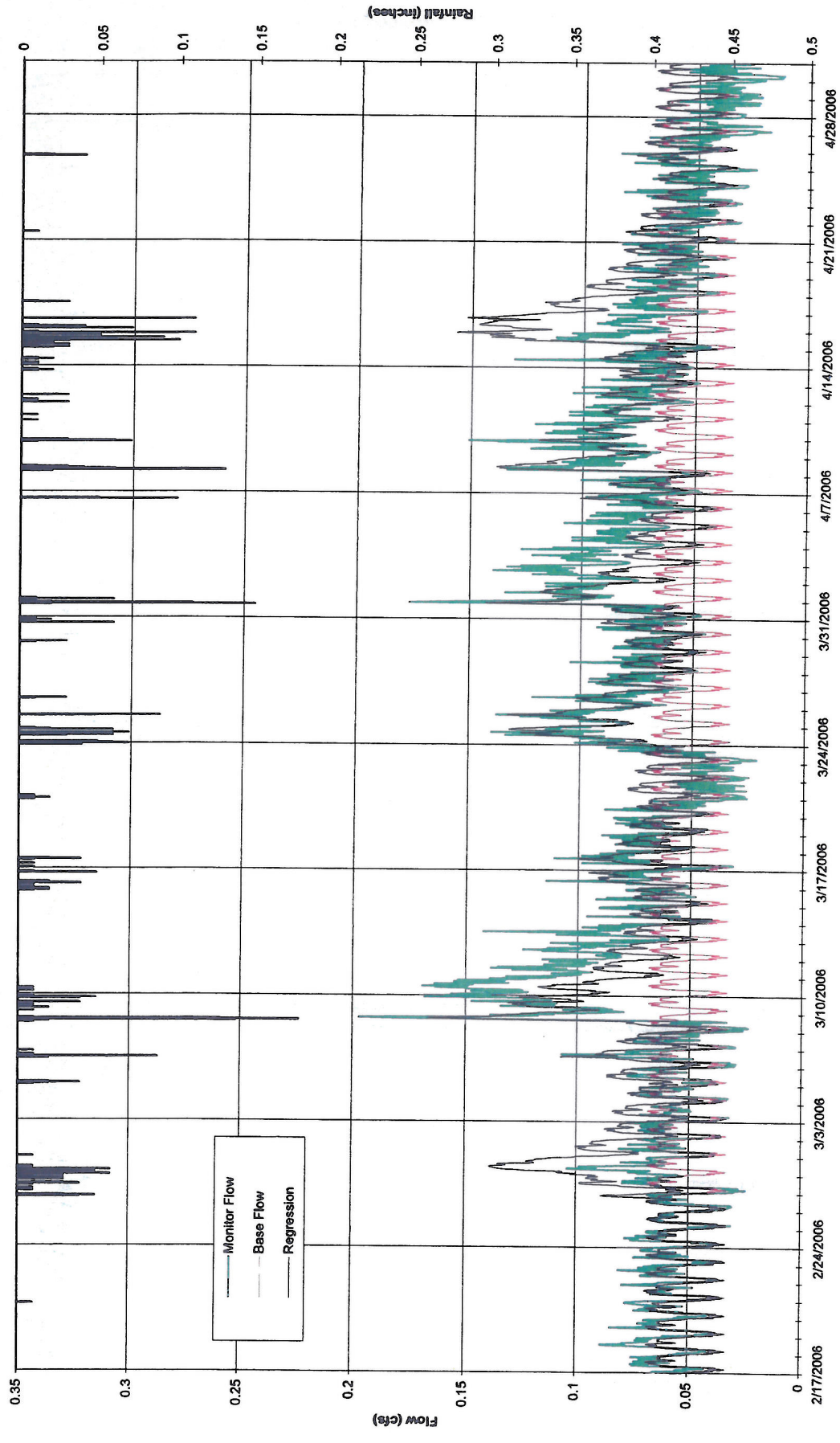
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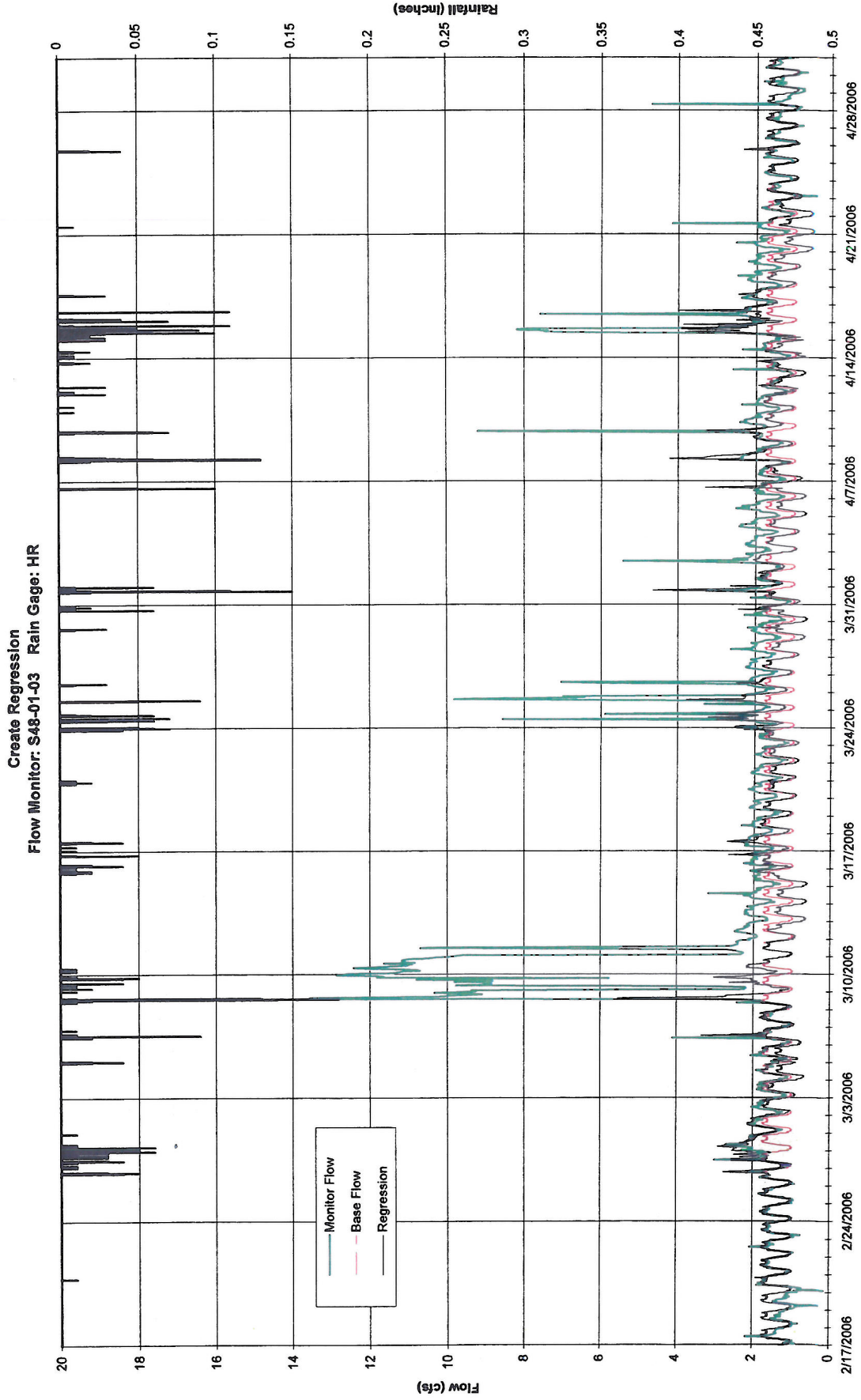
Create Regression

Flow Monitor: S48-01-02 Rain Gage: HR

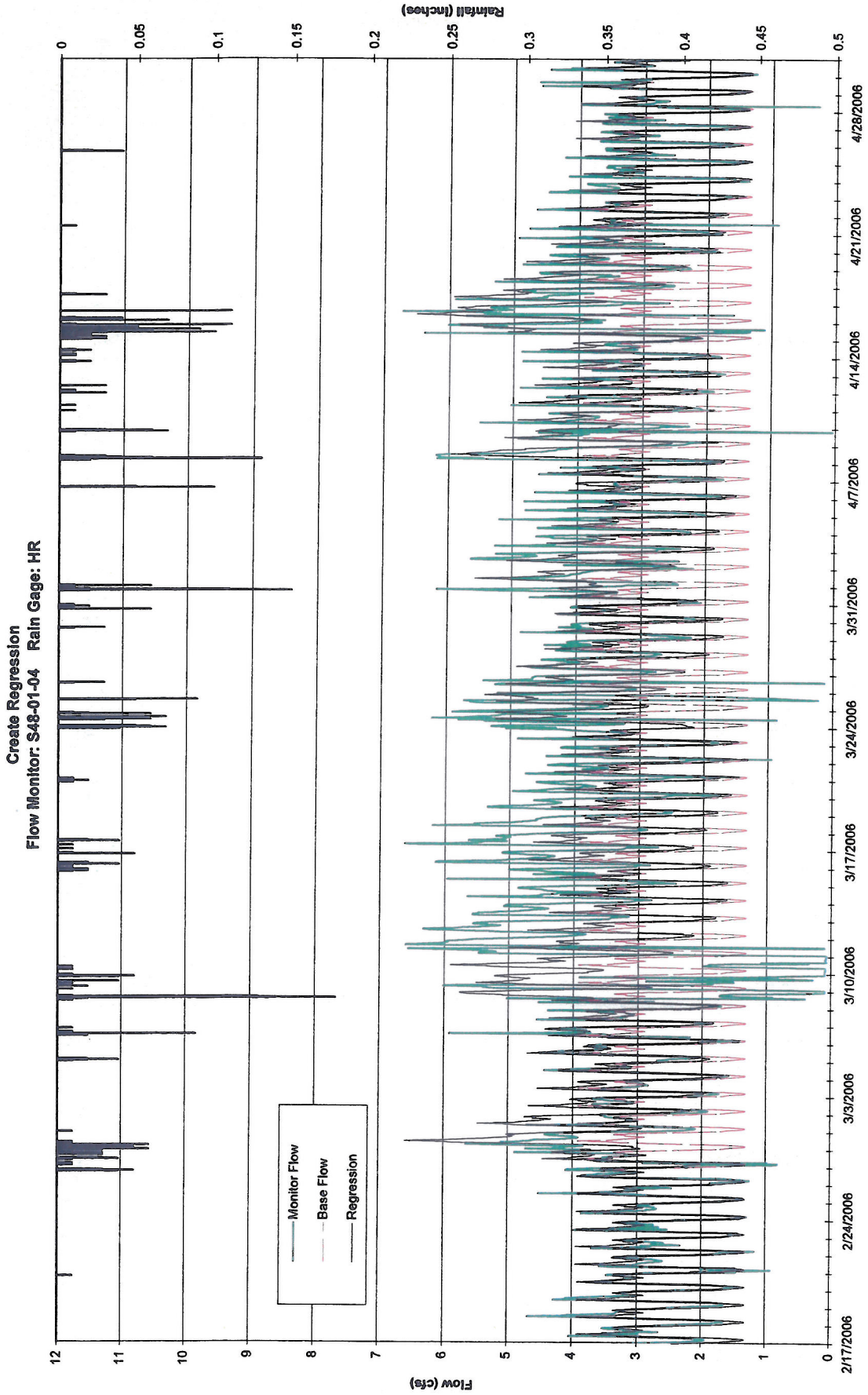


Equation: $RDII = 0.00 \cdot 1 \text{ hr} + 0.25 \cdot 3 \text{ hr} + 0.14 \cdot 6 \text{ hr} + 0.12 \cdot 12 \text{ hr} + 0.10 \cdot 24 \text{ hr} + 0.05 \cdot 48 \text{ hr} + 0.03 \cdot 96 \text{ hr} + 0.01 \cdot 168 \text{ hr} + 0.00 \cdot 360 \text{ hr}$

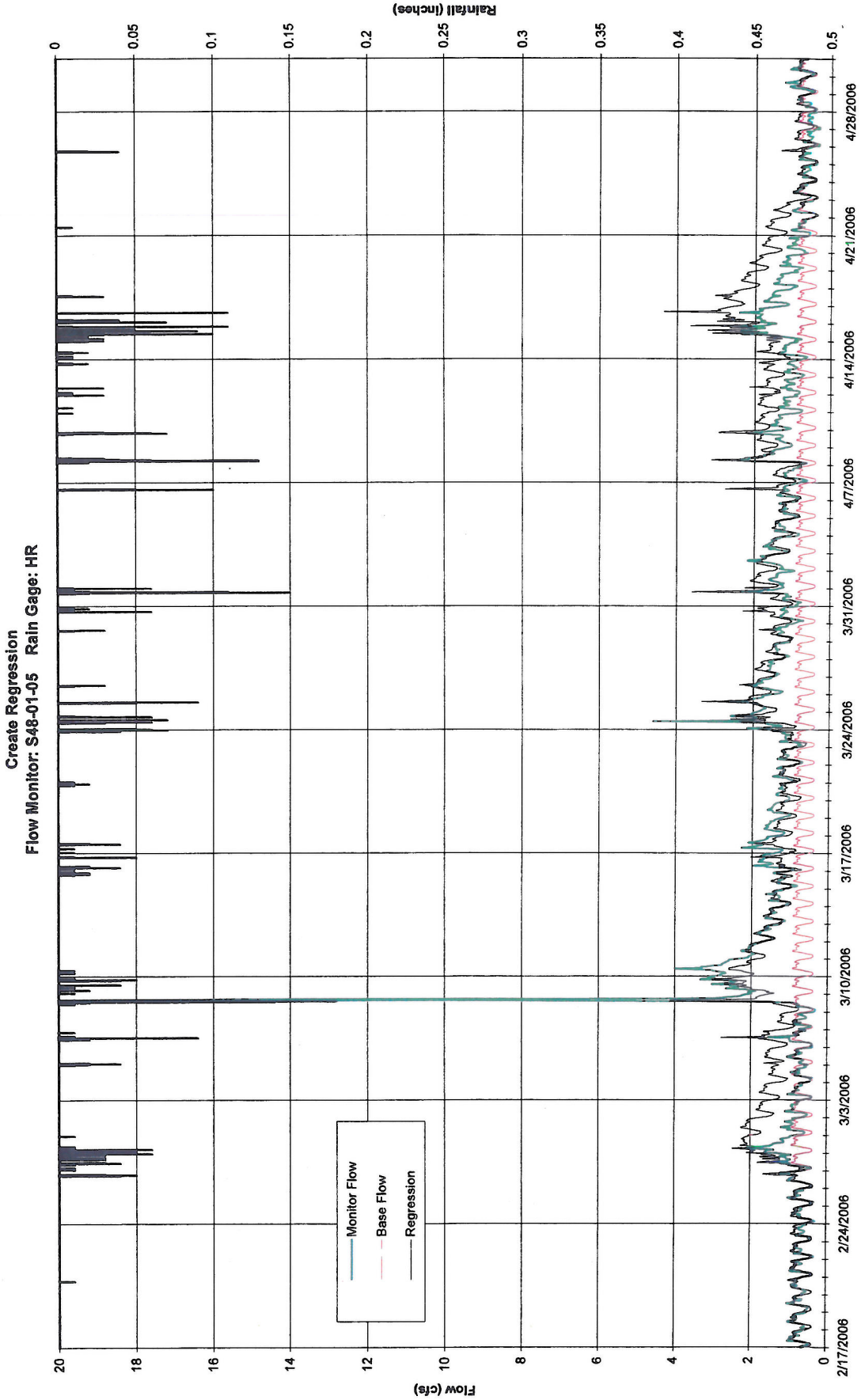
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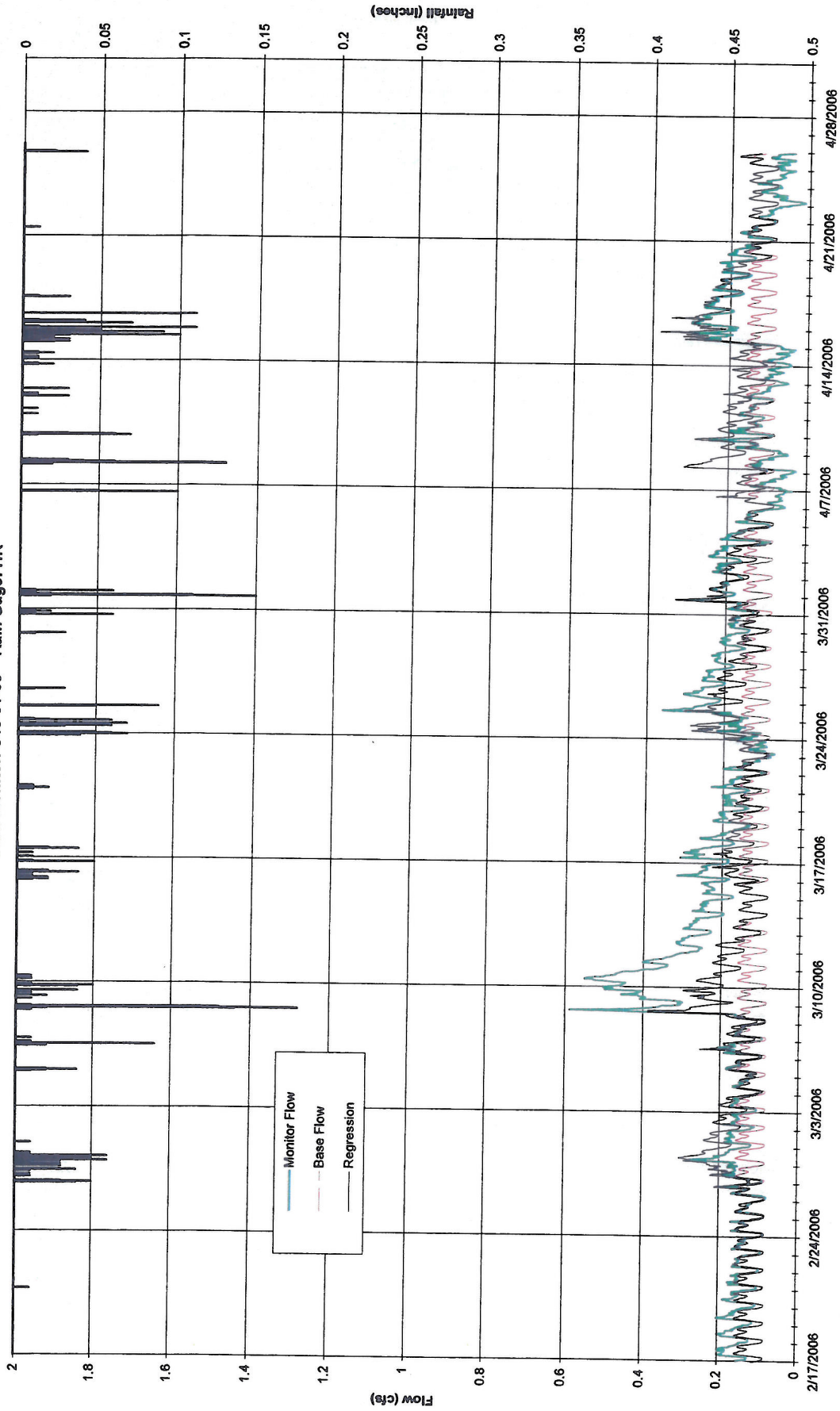


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Create Regression
 Flow Monitor: S48-01-06 Rain Gage: HR

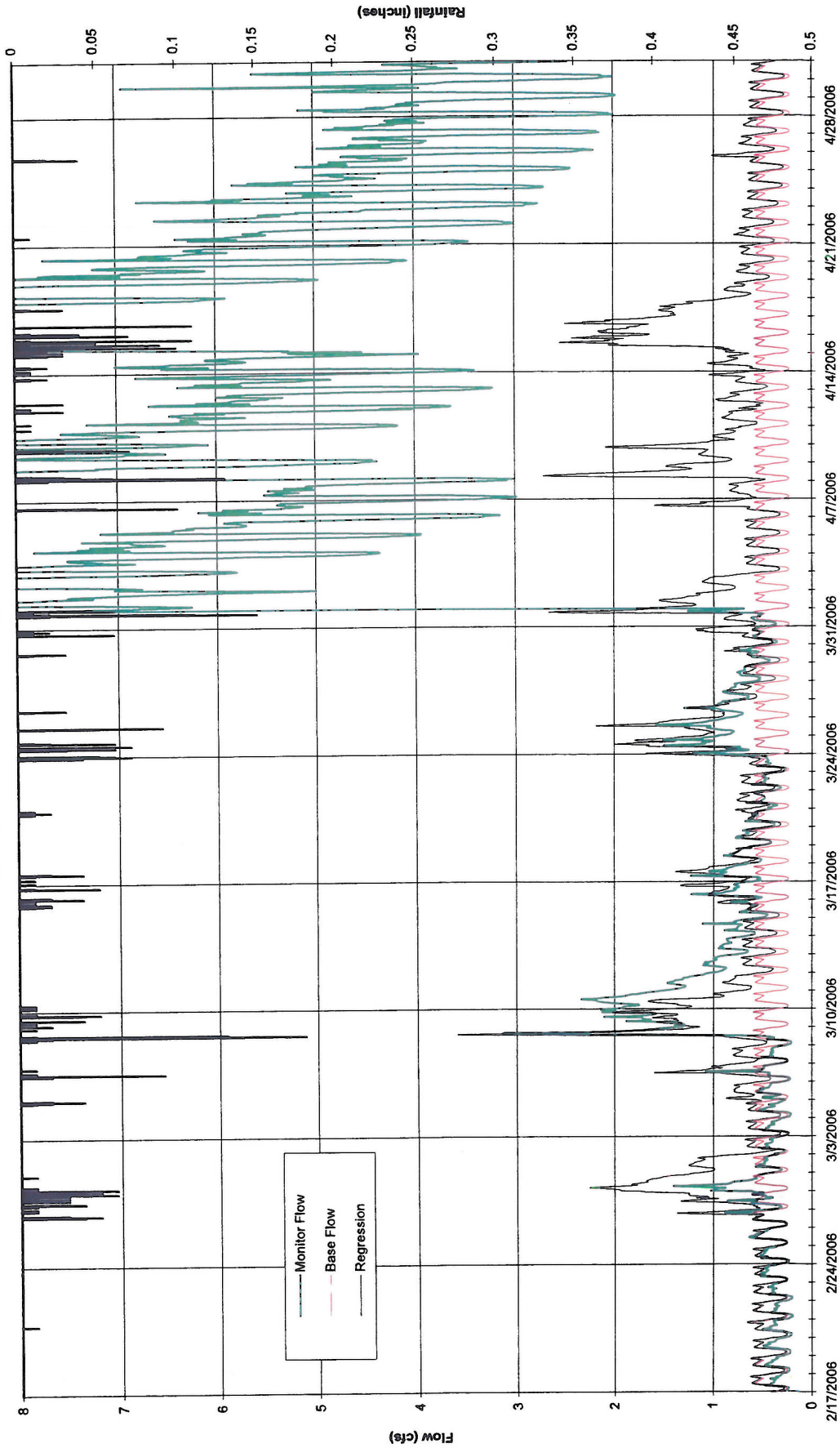


Equation: $RDII = 1.00 * I \text{ hr} + 0.34 * I^3 \text{ hr} + 0.22 * I^6 \text{ hr} + 0.26 * I^{12} \text{ hr} + 0.15 * I^{24} \text{ hr} + 0.12 * I^{48} \text{ hr} + 0.08 * I^{96} \text{ hr} + 0.00 * I^{168} \text{ hr} + 0.00 * I^{360} \text{ hr}$

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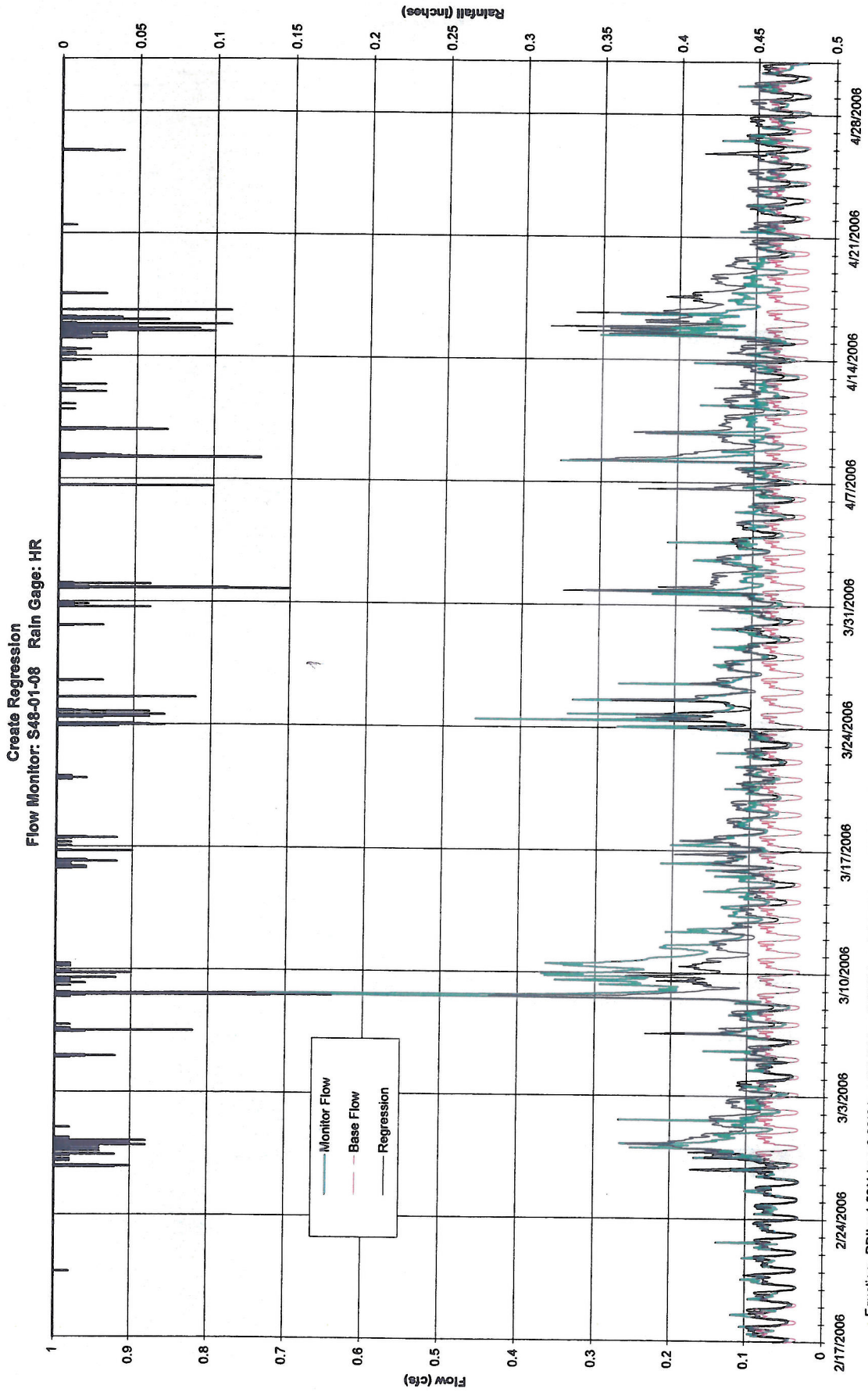
Create Regression

Flow Monitor: S48-01-07 Rain Gage: HR

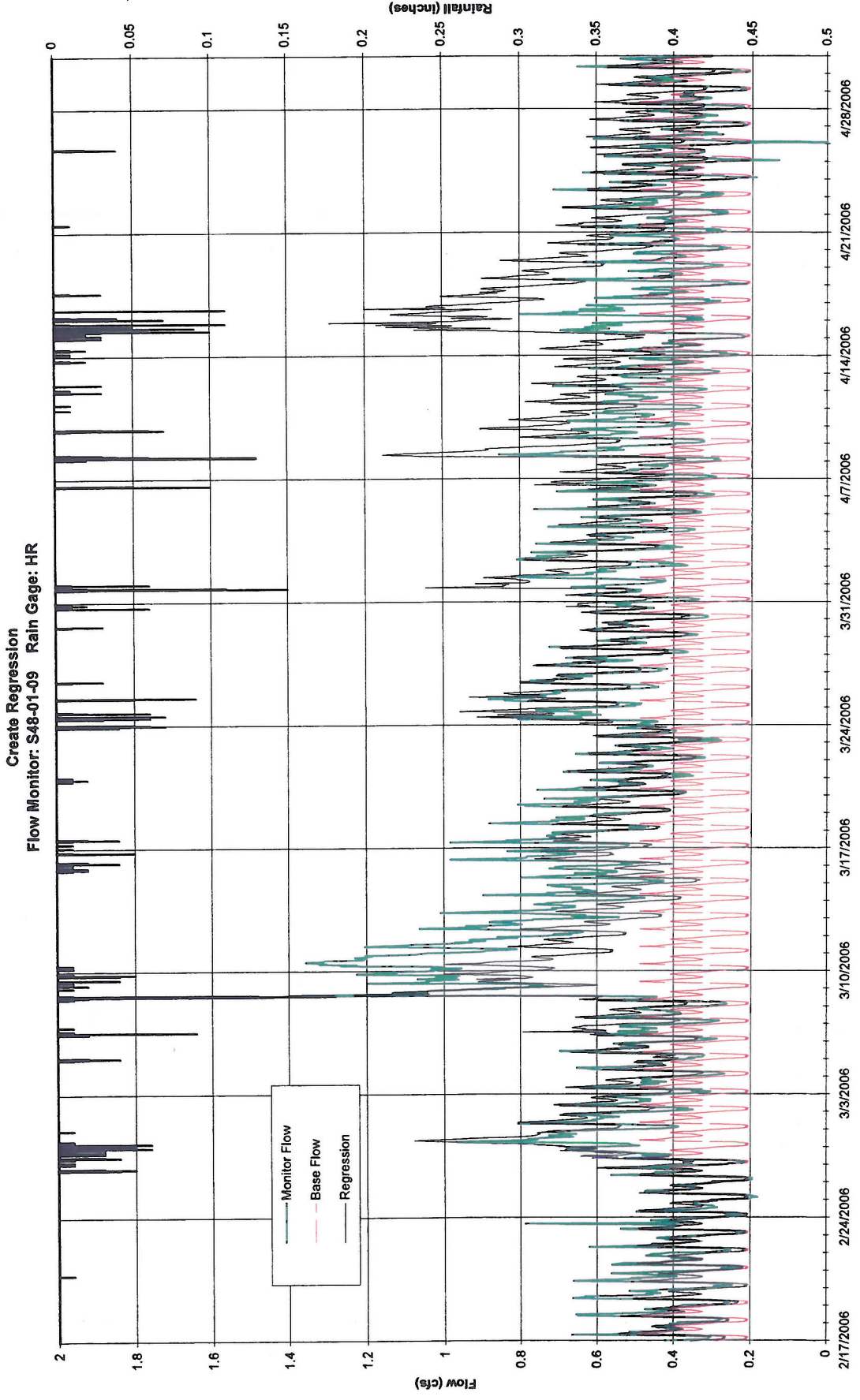


Equation: $RDII = 7.50 \cdot 1 \text{ hr} + 6.00 \cdot 3 \text{ hr} + 3.00 \cdot 6 \text{ hr} + 1.50 \cdot 12 \text{ hr} + 2.00 \cdot 18 \text{ hr} + 1.20 \cdot 48 \text{ hr} + 0.10 \cdot 96 \text{ hr} + 0.10 \cdot 168 \text{ hr} + 0.05 \cdot 360 \text{ hr}$

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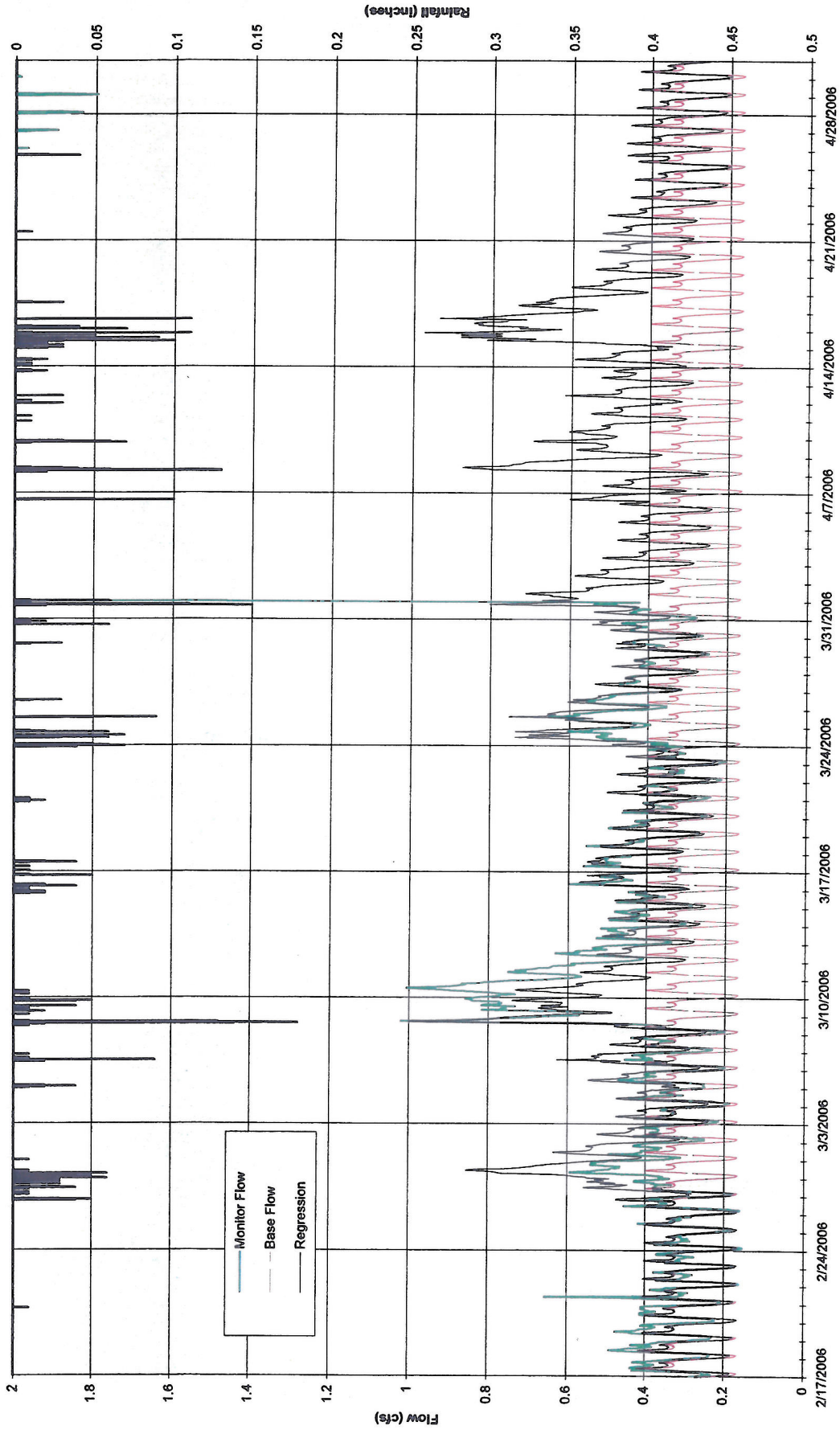
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Equation: $RDII = 3.00 \times 1 \text{ hr} + 1.00 \times 10^{-3} \text{ hr} + 1.20 \times 10^{-6} \text{ hr} + 1.00 \times 10^{-12} \text{ hr} + 0.51 \times 10^{-24} \text{ hr} + 0.46 \times 10^{-48} \text{ hr} + 0.30 \times 10^{-96} \text{ hr} + 0.13 \times 10^{-168} \text{ hr} + 0.09 \times 10^{-360} \text{ hr}$

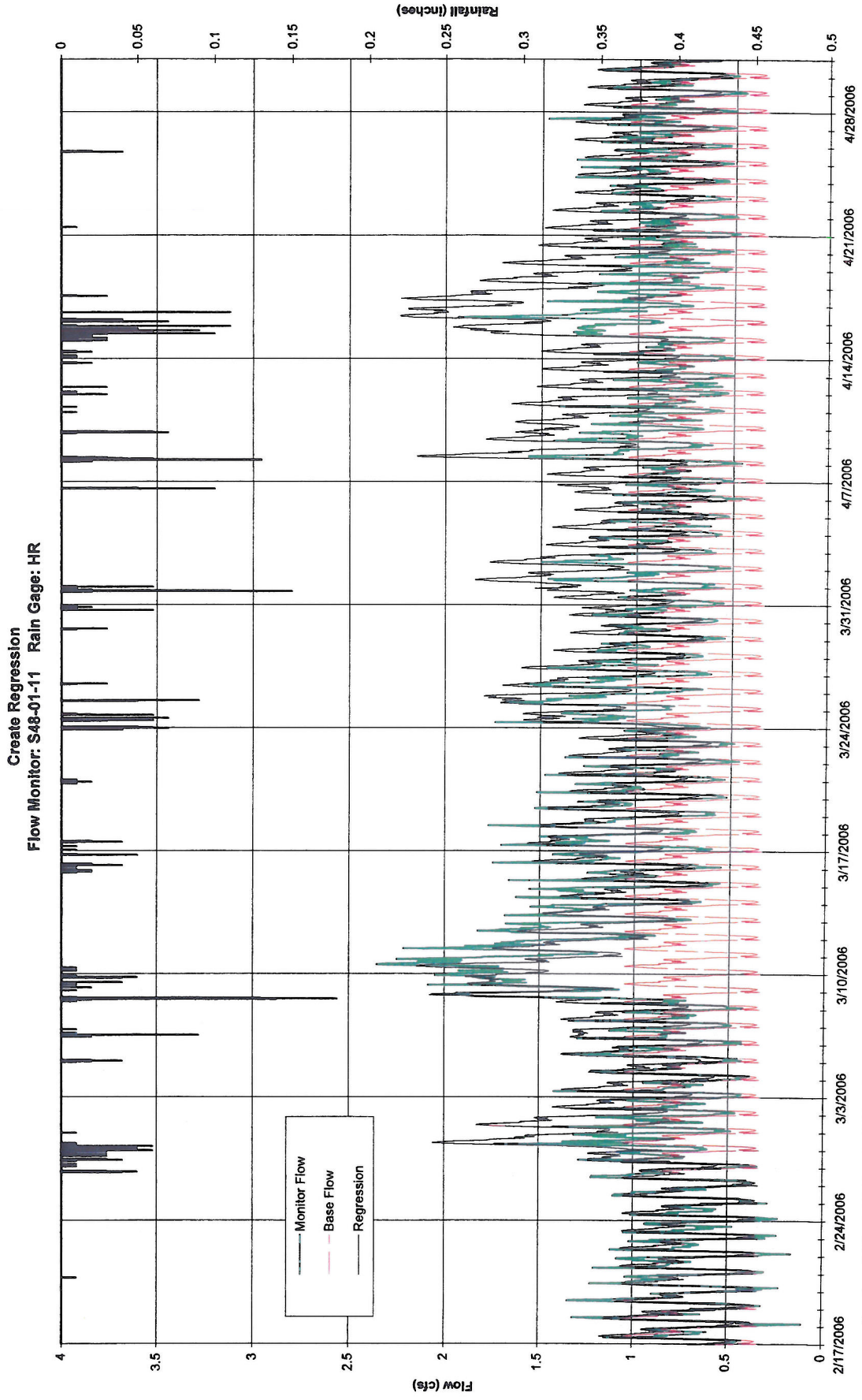
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Create Regression
 Flow Monitor: S48-01-10 Rain Gage: HR



Equation: $RD11 = 2.00 \times 1 \text{ hr} + 1.00 \times 3 \text{ hr} + 0.80 \times 6 \text{ hr} + 0.80 \times 12 \text{ hr} + 0.50 \times 18 \text{ hr} + 0.35 \times 48 \text{ hr} + 0.20 \times 64 \text{ hr} + 0.10 \times 168 \text{ hr} + 0.03 \times 360 \text{ hr}$

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Equation: $RDII = 1.00 \times 1 \text{ hr} + 1.00 \times 3 \text{ hr} + 2.00 \times 6 \text{ hr} + 1.50 \times 12 \text{ hr} + 1.00 \times 24 \text{ hr} + 1.20 \times 48 \text{ hr} + 0.50 \times 96 \text{ hr} + 0.25 \times 168 \text{ hr} + 0.20 \times 360 \text{ hr}$