

Slip rates bracketed by range of possible correlations between Shively and Hydesville regions.

Shively Terrace ¹	Bold Terrace ²	Relative Age ³	Age (years) ⁴	Terrace Height ⁵	Incision Rate ⁶	Scarp Height ⁷	Separation Rate ⁸	Dip ⁹		
								20	30	40
								Slip Rate ¹⁰		
T3	T2	preferred	4300	17.9	4.2	5.7	1.3	3.9	2.7	2.1
T4	T3	preferred	5600	24.1	4.3	8.5	1.5	4.4	3.0	2.4
T7	T12	preferred	22400	81.9	3.7	19.8	0.9	2.6	1.8	1.4

1. Terrace number, Shively region.

2. Terrace number, Hydesville region (Bold & Michalak, 2022).

3. The Hydesville terrace age relative to the Shively terrace.

4. Bold terrace age. Ages for Bold T-9, 12 & 17 from Bold & Michalak (2022).

5. Terrace relative elevation measured from topographic cross section.

6. Incision rate calculated from the age⁴ and height⁵.

7. Scarp height measured from 10 meter wide swath profile.

8. Separation rate (scarp height divided by terrace age) for the vertical displacement of terrace tread.

9. Range of fault dips assumed for slip rate calculation.

10. Slip rate using the separation rate and the dip angle. Preferred rates shown with yellow letters.