

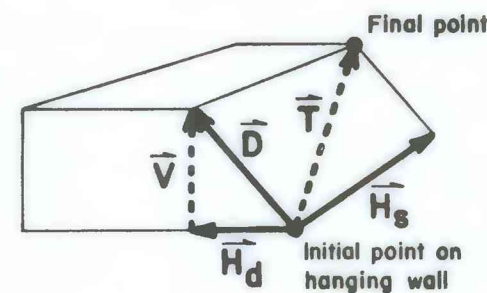
Map Location #	Fault	Location	Latitude/Longitude	Fault Strike	Style: ¹ Component	Slip ² mm - mx	Age of Offset ^{2,4} (1000 Years) mn - mx	Slip Rate (mm / yr) mn mx pf	Feature Offset	Method of Age Estimation	Us Ua ³	Reference(s)	Comments	Compiler's Initials
TR SYZ01	Santa Ynez (N. strand)	Blue Canyon	34°29.5'/119°35.8'	100	LV:V	8.5 m P	10-700		river terrace surface	SYZ01	Inferred	A B Keaton (1978)	Offsets reported for two strands that bound a graben (see SYZ02). Rate calculated by compiler assuming undated terrace deposits and incised channels are late Quaternary; preferred age is 100,000 years. Net V across the graben is 6.8 m, and preferred rate across entire zone is approx. 1 mm/yr.	JZ
						33 m P 34 m E	10-700	.05 3.4 0.3	incised stream channels	Inferred	A B			
TR SYZ02	Santa Ynez (S. strand)	Blue Canyon	34°29.4'/119°35.8'	100	LV:V	15.3 m P	10-700		river terrace surface	SYZ02	Inferred	A B Keaton (1978)	Same as for SYZ01	JZ
						65 m P 67 m E	10-700	0.1 6.7 0.7	incised stream channels	Inferred	A B			
TR THP01	Thorpe	Timber Canyon	34°24.5'/119°00.8'	085	N:V T	2.5-7.5 m 3.0-10.6 m	4.5-5		alluvial fan surface	THP01	soil development, dendrochronology, and ¹⁴ C	B A C Rockwell (1983)	Assumes that vertical separation approximates V. Fault parallels bedding and may represent flexural-slip along overturned limb of fold. Fault dip of 45°-55° used to compute T.	JZ
						11-17 m 13-24 m	25-30	.43 .96 --	alluvial fan surface	soil development, ¹⁴ C	A B			
						95-100 m 116-141 m	160-200	.58 .88 --	alluvial fan surface	soil development	A C			
TR VIL01	Willanova	Ventura River	34°25.6'/119°16.8'	050	R:V	8.7-9.3 m	28.5-30.9		river terrace surface	VIL01	soil development, ¹⁴ C	A B Keller and others, in press; Rockwell (1983)	Fault generally parallels bedding and may represent flexural-slip displacement.	JZ
						10.7-11.3 m	36.5-39.5	.27 .31 --	river terrace surface	soil development, ¹⁴ C	A B			
TR VNT01	Ventura	Town of Ventura	34°16.8'/119°15.2'	090	LR?:V D	12 m E 12-13.9 m	5.7-15	.8 2.4 --	alluvial fan surface	VNT01	¹⁴ C, amino-acid racemization on bone	B B Sarna-Wojcicki and others (1976); Gardner and Stahl (1977); Lee and others (1979); Yeats and others, in press; Yerkes and Lee (1979); Yeats (1982) Sarna-Wojcicki and Yerkes (1982)	Inferred by Yeats (1982) to be a non-seislogenic, "bending moment" fault. Evidence for or against this hypothesis is inconclusive. Possible small LL component. D derived from assumed fault dip of 60°-90°.	AS

1-Style: strike-slip RL right lateral
LL left lateral
dip-slip R reverse or thrust, compressional
N normal, extensional
oblique-slip RR right-reverse LR left-reverse
RN right-normal LN left-normal
RV right-vertical LV left-vertical

Components: refer to block diagram

$$T = H_s + D = H_s + H_d + V$$

$$T = (H_s^2 + H_d^2 + V^2)^{1/2}$$



2. mn-minimum mx-maximum pf-preferred
* Slip, age, and slip rate apply to a definite period in the past.
E - best estimate or measured value, neither mn nor mx.
P - published value, neither mn nor mx.
S - accurate to value shown, mn and mx are the same value.
U - mn or mx value is unknown.

3. U_s - qualitative uncertainty associated with slip estimate.
U_a - qualitative uncertainty both in the analytical method used to reckon ages and in the assumptions made linking them to the age of the offset feature.
A - small uncertainty C - distinct uncertainty
B - significant uncertainty D - major uncertainty
4. For all but starred (*) entries "age" is age of offset feature, in years before present.

PRELIMINARY SLIP-RATE TABLE AND MAP OF LATE-QUATERNARY FAULTS OF CALIFORNIA

by

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This report is preliminary and has not been reviewed for conformity with U.S. Geological Survey editorial standards and stratigraphic nomenclature.