

DR5: Tabulated data for backstripping and tectonic subsidence calculations for Salyer well of the central Tulare basin area. Bottom data rows are for latest Miocene to Quaternary subsidence residuals measured between Salyer well and the northern margin of the San Joaquin basin along the Figure 8b structure section trace. Backstripping and tectonic subsidence calculations after Allen and Allen (1990) and Watts (2001), and performed on OSXBackstrip by N. Cardozo (<http://homepage.mac.com/nfcd/work/programs.html>).

Unit	Base km	Age _b	SL _b	WD _b	Top km	Age _t	SL _t	WD _t	ρc	c	ϕ _o	Type
uKp	4.175	84	0.2	0.2	3.171	64	0.2	0.1	2700	0.354	53	0
Tm	3.171	64	0.2	0.1	2.822	60	0.15	0.1	2705	0.33	50	0
Tl	2.822	60	0.15	0.1	2.637	52	0.05	0.1	2710	0.28	47	0
Tk	2.637	52	0.05	0.1	2.559	37	0.15	0.3	2690	0.65	68	0
Tv	2.559	37	0.15	0.3	2.221	24	0.125	0.075	2710	0.2	42	0
Tfj	2.221	24	0.125	0.075	2.078	18	0.11	0.05	2695	0.22	45	0
To	2.078	18	0.11	0.05	1.89	16	0.15	0.05	2710	0.2	42.5	0
Trm	1.89	16	0.15	0.05	1.862	12	0.04	0.05	2700	0.27	49	0
Tsm	1.862	12	0.04	0.05	1.729	7	0	0.025	2710	0.2	42	0
Tsj/e	1.729	7	0	0.025	1.041	2.5	0	0.025	2695	0.31	50	0
Qt	1.041	2.5	0	0.025	0	0	0	0	2710	0.2	42	0
Latest Miocene-Quaternary Subsidence Residual Data												
Tsj/e	1.15	7	0	0.025	0.7	2.5	0	0	2695	0.31	50	0
Qt	0.7	2.5	0	0	0	0	0	0	2710	0.2	42	0