

Figure 1. Stratigraphic correlation chart for units in individual stratigraphic domains. Location of domains and bounding structures are shown in figure 1. Wavy red lines indicate major unconformities; local unconformities are indicated by gaps between colored boxes. Quaternary surficial deposits common to most of the domains are not shown; U for part of the Quaternary.

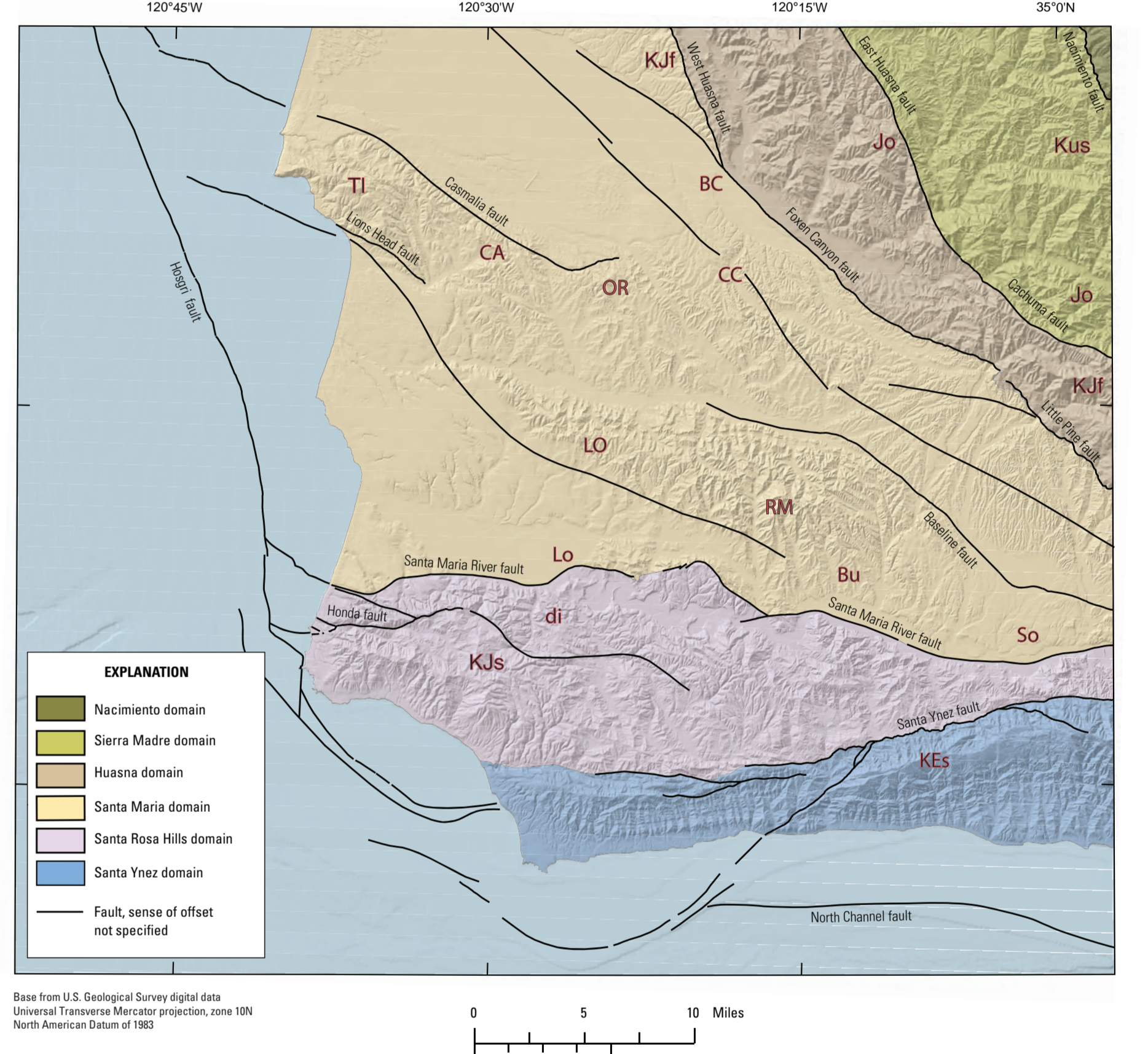


Figure 2. Index map showing location of stratigraphic domains. Selected structures are shown for reference including the labeled locations which also appear on the gravity and aeromagnetic map layouts: Bradley Canyon (BC), Bushhorn (Bu), possible diastrophic location (D), Santa Ynez Mountain eastern ridge (KES), Lompoc (Lo), Lompoc oilfield (LO), and Soaking (So). There are five geologic unit labels that appear here and on those map layouts: Jo, KJf, KJs, Kus, and TI.

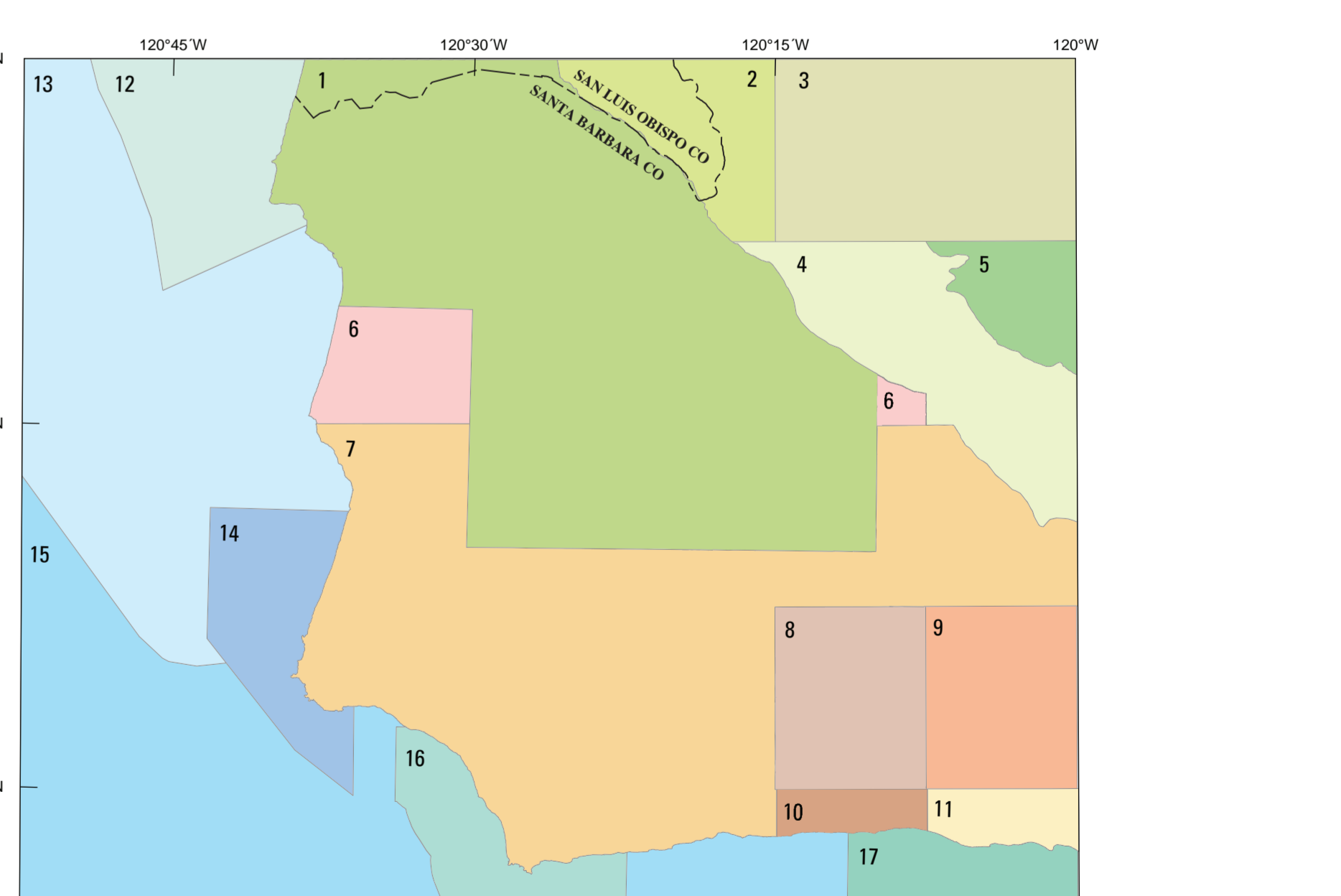


Figure 3. Index map showing areas of previous mapping in the study area. 1, Woodward and Brannette (1950); 2, Hall (1978); 3, Vaddler and others (1981); 4, Hall (1981); 5, Fozzoli and Vaddler (1986); modified from Jensen (1977); 6, Dobbie (1965); 7, Dobbie (1965); 8, Dobbie (1981a); 9, Dobbie (1981a); 10, Dobbie (1981a); 11, Dobbie (1981a); 12, Johnson and Watt (2012); 13, Willingham and others (2013); 14, Sorlien and others (1988a); 15, Sorlien and others (1988b); 16, Johnson and others (2018); 17, Johnson and others (2018).

Geologic and Geophysical Maps of the Santa Maria and Point Conception 30'x60' Quadrangles, California

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