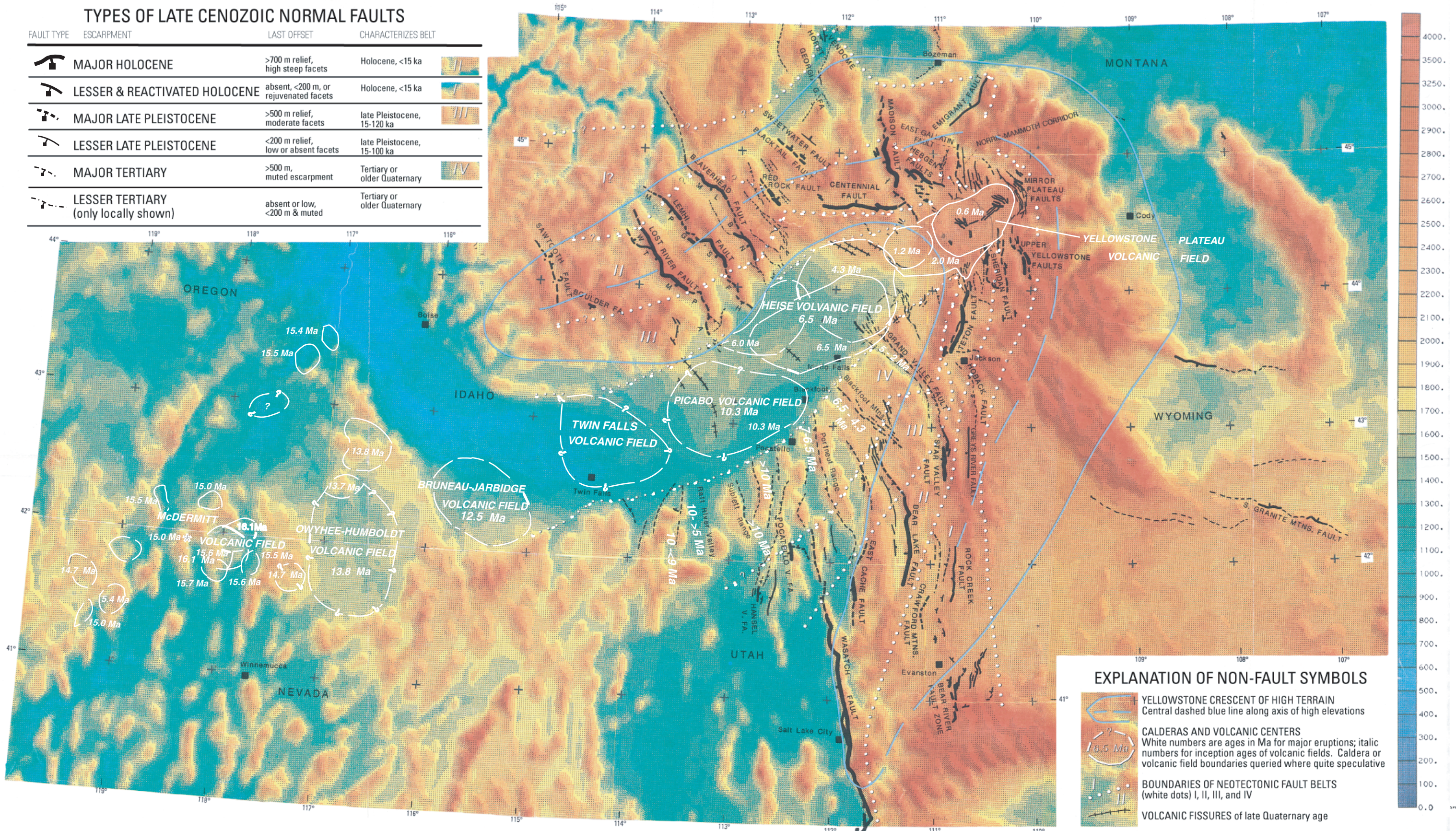


THE TRACK OF THE YELLOWSTONE HOTSPOT: VOLCANISM, FAULTING, AND UPLIFT

TYPES OF LATE CENOZOIC NORMAL FAULTS

FAULT TYPE	ESCARPMENT	LAST OFFSET	CHARACTERIZES BELT
	MAJOR HOLOCENE	>700 m relief, high steep facets	Holocene, <15 ka
	LESSER & REACTIVATED HOLOCENE	absent, <200 m, or rejuvenated facets	Holocene, <15 ka
	MAJOR LATE PLEISTOCENE	>500 m relief, moderate facets	late Pleistocene, 15-120 ka
	LESSER LATE PLEISTOCENE	<200 m relief, low or absent facets	late Pleistocene, 15-100 ka
	MAJOR TERTIARY	>500 m, muted escarpment	Tertiary or older Quaternary
	LESSER TERTIARY (only locally shown)	absent or low, <200 m & muted	Tertiary or older Quaternary



EXPLANATION OF NON-FAULT SYMBOLS

- YELLOWSTONE CRESCENT OF HIGH TERRAIN
Central dashed blue line along axis of high elevations
- CALDERAS AND VOLCANIC CENTERS
White numbers are ages in Ma for major eruptions; italic numbers for inception ages of volcanic fields. Caldera or volcanic field boundaries queried where quite speculative
- BOUNDARIES OF NEOTECTONIC FAULT BELTS
(white dots) I, II, III, and IV
- VOLCANIC FISSURES of late Quaternary age

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