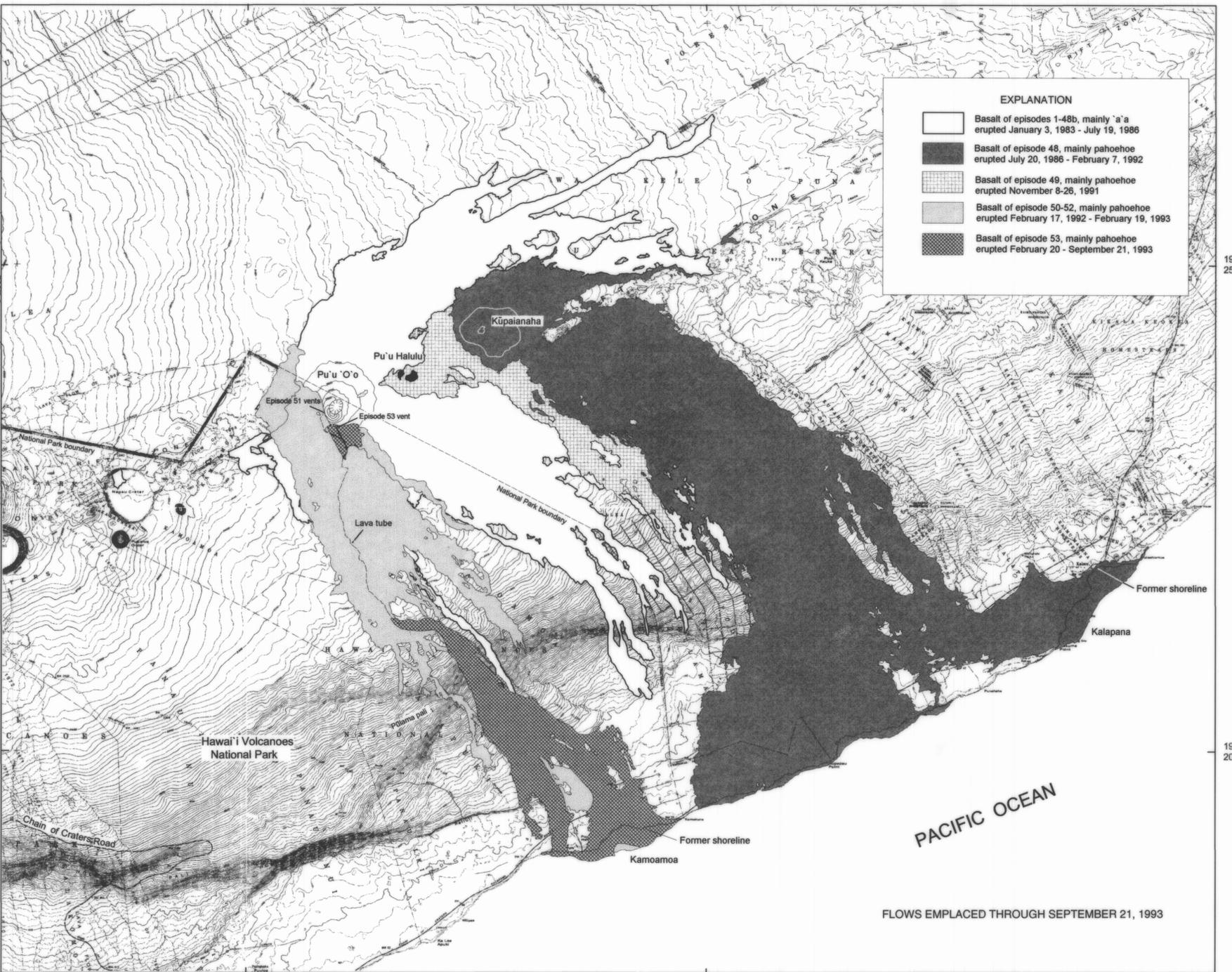
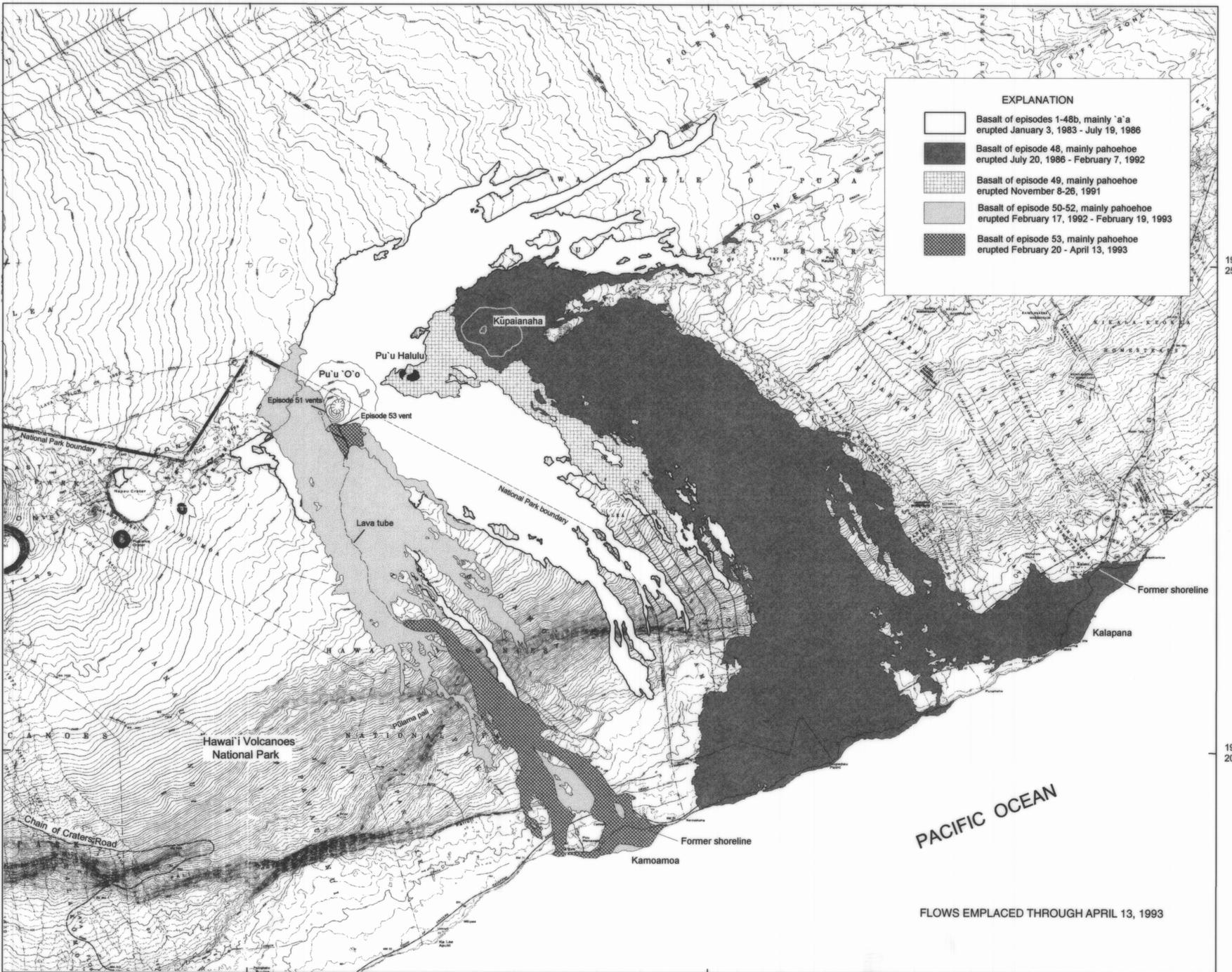


155° 07' 30"

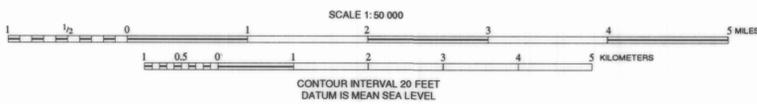
155° 02' 30"



Base from U.S. Geological Survey 1:24,000
Kalapana, 1982; Kalapana, Mokuapuhi Crater,
Volcano, 1981; Pahoa South, 1980

155° 07' 30"

155° 02' 30"



**Flows Emplaced Through April 13, 1993 and September 21, 1993
Pu'u 'O'o - Kupaianaha Eruption of Kilauea Volcano**

By
C. Christina Heliker, Margaret T. Mangan, Tari N. Mattox,
and James P. Kauahikaua
1998

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