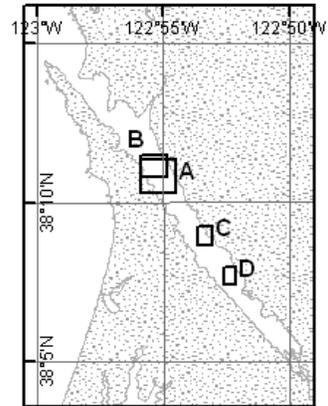
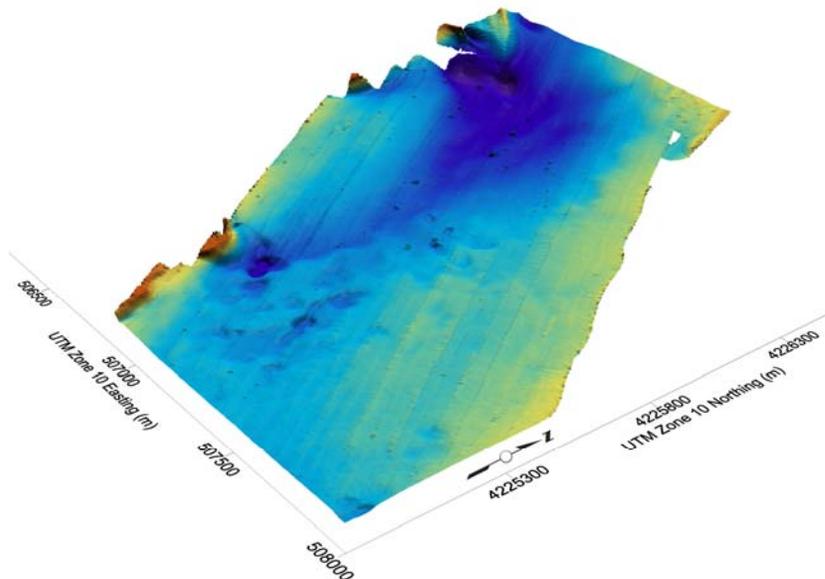
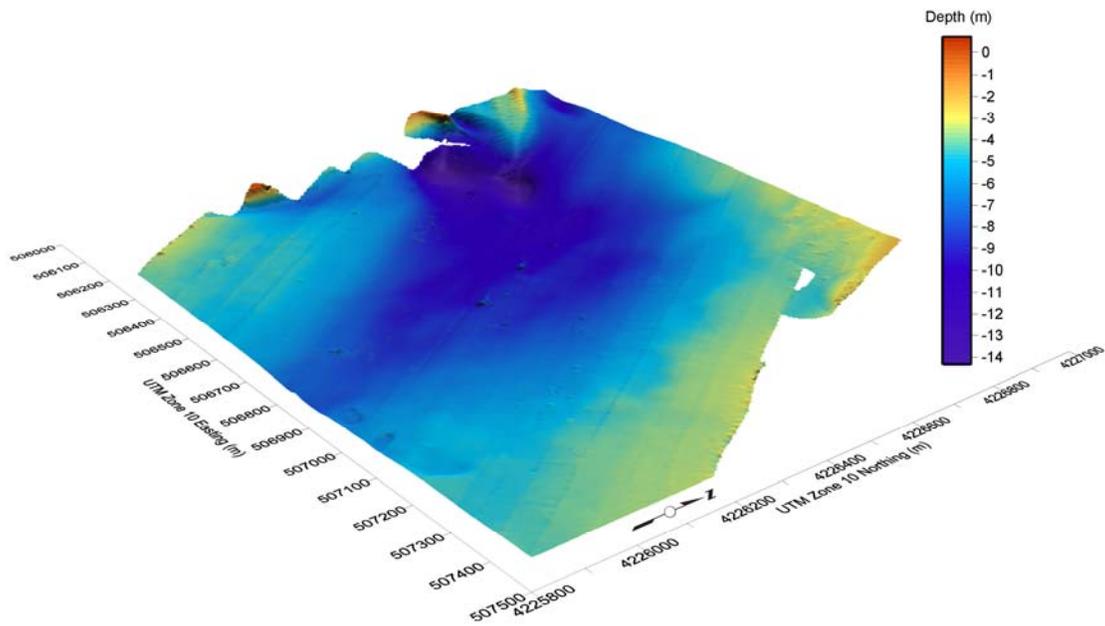


Figure 1-4. Perspective views of interferometric sidescan sonar bathymetric data, Tomales Bay, California. Perspective images generated with Surfer software (described in text).

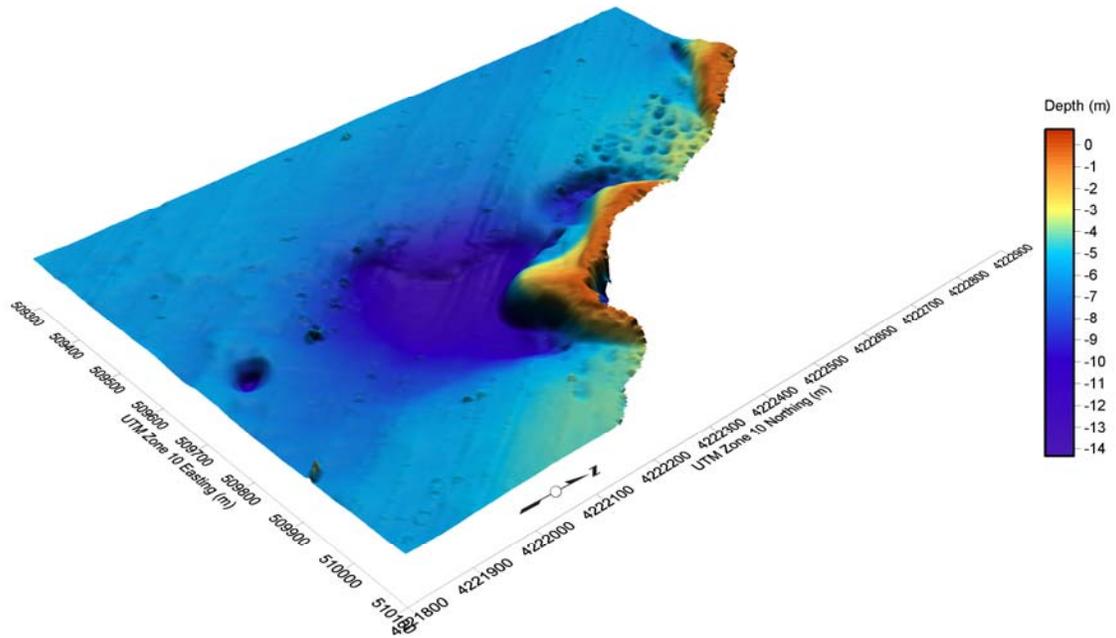


A. View of the west side of Tomales Bay from Tomales Beach (top) southward (see index map for location). The depression in the middle of the image is 12 m deep. Average surrounding water depth is 5 m. See B. for depth legend.

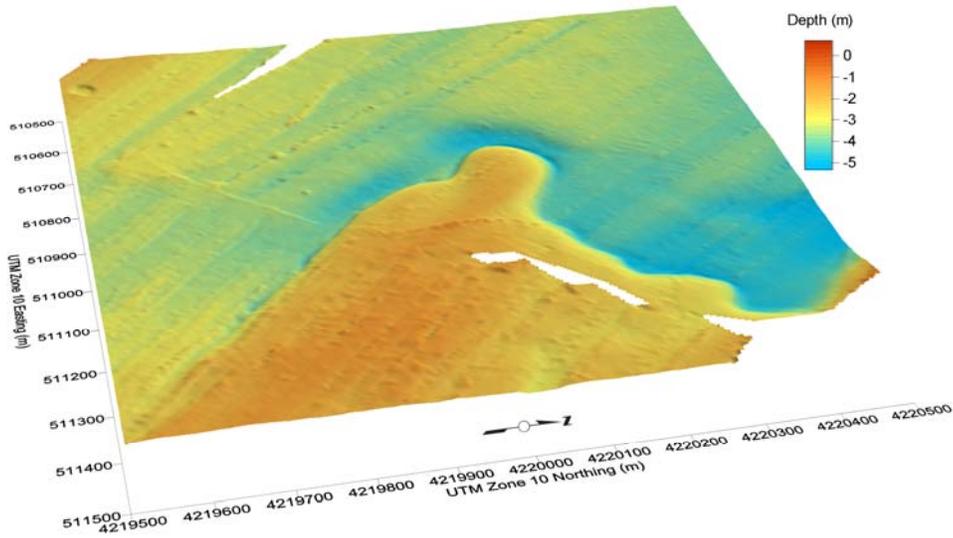


B. Close-up of the northern extent of the area shown in A. Adjacent to Pelican Point, sand waves extend into the double depression (purple near top of image). The depression on the east is 17.4 m deep, the one to the west is 18.0 m deep. The sand waves lie between 5 m and 16 m water depth. Average depth is 8 m.

Figure 1-4. (continued)



C. View over the point near Reynolds toward the mouth of the bay. The depression (light to dark blue) adjacent to the point is 14.3m deep. Average surrounding water depth is 4.7 m.



D. View from the edge of the Lagunitas Creek delta at the southern end of Tomales Bay. The average depth of the delta is 3.4 m and the average depth at the margin of the delta is 6.0 m. The average depth in the area is 5 m.