

The final field sheet is plotted using predicted tides determined from Baltimore, Maryland, using zoned time and height correctors designated in Table 2 of the 1993 Tide Tables "East Coast of North and South America, including Greenland" for Deep Landing, Swan Creek. Significant differences between predicted and real tides were observed. Because of the large shallow bay and small tidal range, winds greatly affected the times and heights of the high and low tides. This accounts for differences of up to 0.4 meters when mainscheme and crossline hydrography are compared. This difference can also be seen when adjoining mainscheme or splits were run on different days.

Approved water levels were requested from the Product and Services Branch, N/OES231, in a letter dated December 14, 1993. A copy is appended to this report.