

The final field sheet was plotted using predicted tides determined from Pensacola, Florida, with the time and height correctors designated in section 5.9 of the project instructions. Weather and wind conditions during this survey had a far greater effect on the true water levels than did tidal action. This resulted in generally higher water levels during periods of southerly winds (when Gulf water is blown into the Bay), and lower water levels during periods of northerly winds. Depth differences (<0.3m) between some adjacent lines of hydro run on different days and also any contour irregularities, are believed to be due to the effect of the winds on the Bay water-levels. Approved water levels were requested from the Product and Services Branch, N/OES231, in a letter dated 3/12/93. A copy is included in Appendix V* of this report. With the application of approved tides no unusual anomalies were evident. Approved tide note is attached to this report.