

Table 2. Tidal constituents, based on analysis of bottom pressure at Station A (40° 23.4' N., 73°47.1' W., 38 m water depth, see Figure 1) for the period December 1999 – April 2000.

Constituent	Frequency (hours ⁻¹)	Amplitude (cm)	Phase (degrees)
O ₁	0.03873065	6.8	167.1
P ₁	0.04155259	3.0	174.6
K ₁	0.04178075	9.8	174.6
MU ₂	0.07768947	3.8	339.0
2N ₂	0.07748710	2.4	310.9
N ₂	0.07899925	16.8	327.6
M ₂	0.07899925	64.0	351.8
S ₂	0.08333334	13.9	16.3
K ₂	0.08356149	3.7	16.3

