

**TABLE 4-4
EXTREME WAVE PREDICTION AT SEAL ISLAND**

Return Event (Years)	Westerly Storm		Easterly Storm	
	H _S (Feet)	T _{peak} (Seconds)	H _S (Feet)	T _{peak} (Seconds)
1	7.1	6.8	7.6	7.0
5	8.3	7.8	8.3	7.5
10	10.8	8.3	9.7	7.8
25	14.6	5.1	11.1	9.9
50	18.4	9.9	11.8	10.7
100	19.9	10.9	12.8	12.3

Notes: H_S = Significant wave height
T_{Peak} = Peak wave period

Based on Beaufort Sea Hindcast Study

Source: BPXA, 1997b:Table 2.1-3