

## Extreme Water Level Advisory

January 1, 2010 – January 4, 2010

A bulletin was received from the Institute of Ocean Sciences and the BC Ministry of Environment advising of extreme high tides between January 1, 2010 and January 4, 2010. There is a risk of flooding in low lying areas of Delta not protected by a dike/seawall.

A summary of daily extreme water levels are provided in the table below.

The daily high values are colour coded to convey the damage and flooding risk they represent:

- **Green** indicates normal conditions,
- **Yellow** indicates levels where low-lying coastal areas may experience flooding,
- **Red** indicates high risk of flooding in exposed coastal areas, however this is not.

### Summary of daily forecast peak water levels

Date	Tide Chart Datum Water Level *	Est. Time of High Water	Predicted Geodetic Peak Water Elevation
	(m)	(hrs)	(m)
Jan 01, 2010	5.10 m	7:00 AM PST	2.10m
Jan 02, 2010	5.09 m	7:00 AM PST	2.09m
Jan 03, 2010	4.97 m	8:00 AM PST	1.97m
Jan 04, 2010	4.90 m	9:00 AM PST	1.90m

\*- Tide chart levels are at Point Atkinson, with zero on the chart being the lowest normal tide. For Delta add approximately 30 minutes to the peak tide times.

Our Engineering crews are actively monitoring areas historically susceptible to flooding in Delta. Further updates will be provided as required and available on the Corporation of Delta website at [www.corp.delta.bc.ca](http://www.corp.delta.bc.ca).