



# MIAMI BEACH

NO. LTC # **287-2012**

## LETTER TO COMMISSION

TO: Mayor Matti Herrera Bower and Members of the City Commission

FROM: Kathie G. Brooks, Interim City Manager

DATE: November 9, 2012

SUBJECT: Anticipated high tides

The purpose of this LTC is to advise you on the potential localized temporary flooding that might occur from November 11 through November 18<sup>th</sup>, as a result of extreme high tides.

Beginning Sunday, November 11, the City will be experiencing tides above normal for the period of one week. As you know, the City of Miami Beach is located on a barrier island and is vulnerable to the impacts of these high tides. Low lying areas that are especially prone to tidal flooding are Purdy Avenue, between Dade Boulevard and 20<sup>th</sup> Street, the west side of Palm Island, Alton Road and West Avenue, particularly at 5<sup>th</sup> Street, 10<sup>th</sup> Street and 14<sup>th</sup> Streets.

Next week's tides (see attachment) come very close to, but not quite as high as last month's tides. Last month's tides ran over a foot above normal predicted tides. Currently, tides are running about 0.5 feet above the predicted tides.

Moderate east wind and light showers are forecasted for next week; therefore, it is likely that the City will experience short term flooding in its low lying areas. City staff will take the necessary preventive measures to mitigate temporary flooding, including placing sediment control tubes and special sandbags at catch basin openings in Alton Road intersections at 5<sup>th</sup> and 10<sup>th</sup> streets, installation of pipe in-line air plugs at low lying areas, and cleaning of catch basins as needed. We will also have police and parking enforcement on standby to assist as needed with traffic control and continue to monitor weather forecast to adjust our response plans.

Attachment

Government Cut, Miami Harbor Entrance, Florida 25.7633° N, 80.1300° W

KGB/JGG/FHB

RECEIVED  
2012 NOV - 9 PM 2:50  
CITY CLERK'S OFFICE

**Government Cut, Miami Harbor Entrance, Florida**  
**25.7633° N, 80.1300° W**

2012-11-11 Sunday	6:00 AM EST	<b>3.13 feet</b> High Tide
2012-11-11 Sunday	6:10 PM EST	<b>3.07 feet</b> High Tide
2012-11-12 Monday	6:51 AM EST	<b>3.31 feet</b> High Tide
2012-11-12 Monday	7:00 PM EST	<b>3.19 feet</b> High Tide
2012-11-13 Tuesday	7:42 AM EST	<b>3.45 feet</b> High Tide
2012-11-13 Tuesday	7:50 PM EST	<b>3.27 feet</b> High Tide
2012-11-14 Wednesday	8:32 AM EST	<b>3.51 feet</b> High Tide
2012-11-14 Wednesday	8:41 PM EST	<b>3.29 feet</b> High Tide
2012-11-15 Thursday	9:23 AM EST	<b>3.50 feet</b> High Tide
2012-11-15 Thursday	9:33 PM EST	<b>3.25 feet</b> High Tide
2012-11-16 Friday 1	0:14 AM EST	<b>3.42 feet</b> High Tide
2012-11-16 Friday	10:27 PM EST	<b>3.15 feet</b> High Tide
2012-11-17 Saturday	11:08 AM EST	<b>3.28 feet</b> High Tide
2012-11-17 Saturday	11:24 PM EST	<b>3.01 feet</b> High Tide
2012-11-18 Sunday	12:04 PM EST	<b>3.12 feet</b> High Tide
2012-11-19 Monday	12:26 AM EST	<b>2.86 feet</b> High Tide