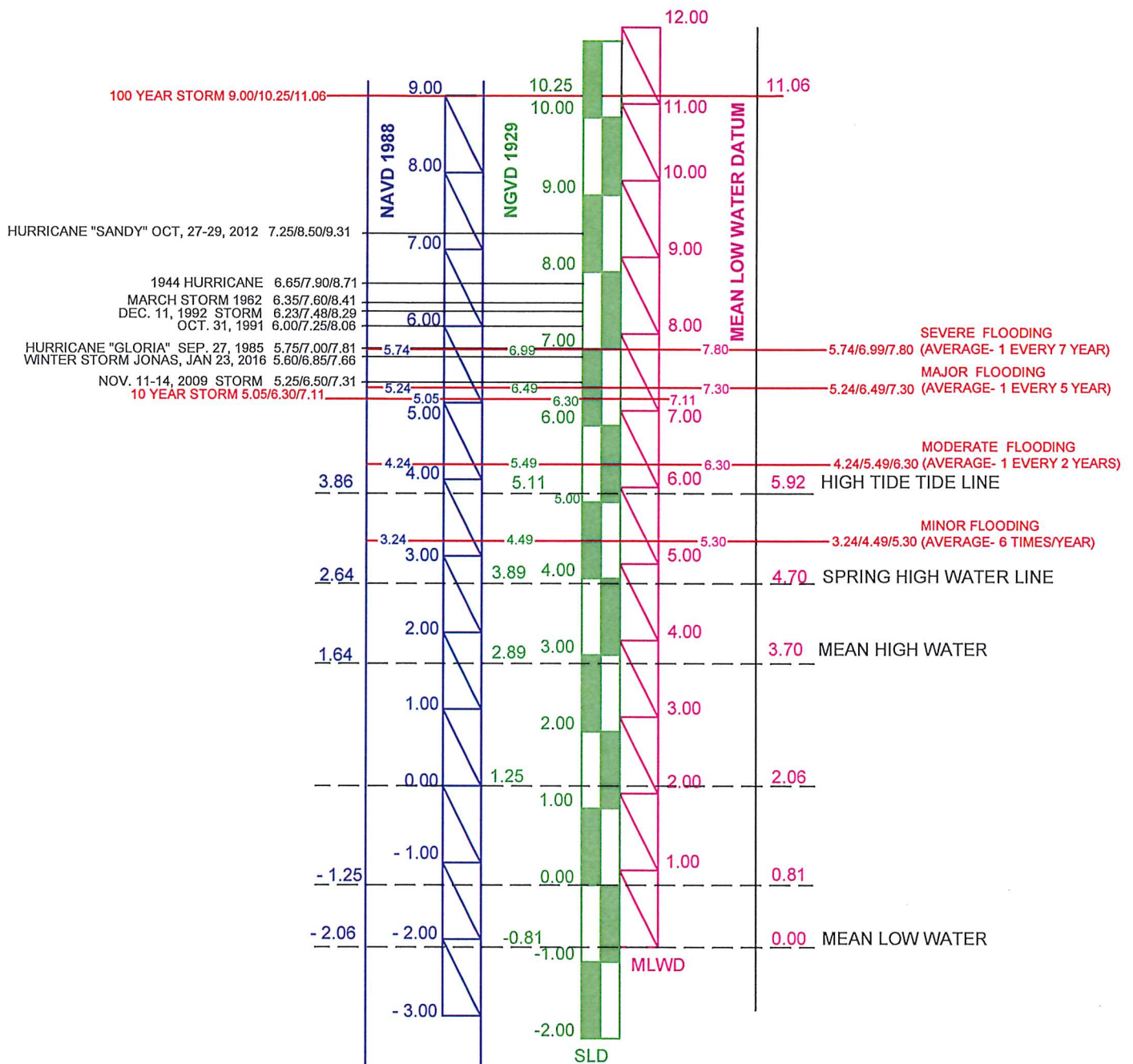


Ocean City Office of Emergency Management



Environmental Commission Lecture Series

October 24, 2017



TIDE HEIGHTS

RELATIVE TO NAVD 88, NGVD 29 & MLW DATUM

OCEAN CITY, NJ

HISTORIC TIDE INFORMATION FROM 520 BAY AVENUE TIDE STATION AND
WALLACE HARDWARE STORE

NAVD 88: NORTH AMERICAN VERTICAL DATUM OF 1988

NGVD 29: NATIONAL GEODETIC VERTICAL DATUM OF 1929 (ORIGINALLY CALLED SEA LEVEL DATUM (SLD) OF 1929)

MLW DATUM: MEAN LOW WATER DATUM

ELEVATION CERTIFICATE

Important: Read the instructions on pages 1-9.

OMB No. 1660-0008
Expiration Date: July 31, 2015

SECTION A - PROPERTY INFORMATION

A1. Building Owner's Name

FOR INSURANCE COMPANY USE

A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.
● VICTORIA LANE

Policy Number

Company NAIC Number

City OCEAN CITY

State NJ

ZIP Code 08226

A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.)
LOT BLOCK 3507

A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.) RESIDENTIAL

A5. Latitude/Longitude: Lat. 39-14-43" Long. 74-37-10" Horizontal Datum: ☒ NAD 1927 ☐ NAD 1983

A6. Attach at least 2 photographs of the building if the Certificate is being used to obtain flood insurance.

A7. Building Diagram Number 8

A8. For a building with a crawlspace or enclosure(s):

a) Square footage of crawlspace or enclosure(s) 837 sq ft

b) Number of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above adjacent grade 8

c) Total net area of flood openings in A8.b 1505 sq in

d) Engineered flood openings? ☒ Yes ☒ No

A9. For a building with an attached garage:

a) Square footage of attached garage 290 sq ft

b) Number of permanent flood openings in the attached garage within 1.0 foot above adjacent grade 2

c) Total net area of flood openings in A9.b 400 sq in

d) Engineered flood openings? ☒ Yes ☐ No

SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

B1. NFIP Community Name & Community Number
OCEAN CITY 3453100003 C

B2. County Name
CAPE MAY

B3. State
NJ

B4. Map/Panel Number
345310-0003

B5. Suffix
C

B6. FIRM Index Date
7/15/92

B7. FIRM Panel
Effective/Revised Date
9/5/84

B8. Flood
Zone(s)
A-7

B9. Base Flood Elevation(s) (Zone
AO, use base flood depth)
10

B10. Indicate the source of the Base Flood Elevation (BFE) data or base flood depth entered in Item B9.

☐ FIS Profile

☒ FIRM

☐ Community Determined

☐ Other/Source: _____

B11. Indicate elevation datum used for BFE in Item B9: ☒ NGVD 1929

☐ NAVD 1988

☐ Other/Source: _____

B12. Is the building located in a Coastal Barrier Resources System (CBRS) area or Otherwise Protected Area (OPA)?

☐ Yes ☒ No

Designation Date: _____

☐ CBRS

☐ OPA

SECTION C - BUILDING ELEVATION INFORMATION (SURVEY REQUIRED)

C1. Building elevations are based on: ☐ Construction Drawings* ☐ Building Under Construction* ☒ Finished Construction

*A new Elevation Certificate will be required when construction of the building is complete.

C2. Elevations - Zones A1-A30, AE, AH, A (with BFE), VE, V1-V30, V (with BFE), AR, AR/A, AR/AE, AR/A1-A30, AR/AH, AR/AO. Complete Items C2.a-h below according to the building diagram specified in Item A7. In Puerto Rico only, enter meters.

Benchmark Utilized: LOCAL

Vertical Datum: 1929

Indicate elevation datum used for the elevations in items a) through h) below. ☒ NGVD 1929 ☐ NAVD 1988 ☐ Other/Source: _____

Datum used for building elevations must be the same as that used for the BFE.

Check the measurement used.

a) Top of bottom floor (including basement, crawlspace, or enclosure floor)

5.3

☒ feet ☐ meters

b) Top of the next higher floor

12.3

☒ feet ☐ meters

c) Bottom of the lowest horizontal structural member (V Zones only)

N/A

☐ feet ☐ meters

d) Attached garage (top of slab)

5.3

☒ feet ☐ meters

e) Lowest elevation of machinery or equipment servicing the building
(Describe type of equipment and location in Comments)

11.3

☒ feet ☐ meters

f) Lowest adjacent (finished) grade next to building (LAG)

5.0

☒ feet ☐ meters

g) Highest adjacent (finished) grade next to building (HAG)

5.3

☒ feet ☐ meters

h) Lowest adjacent grade at lowest elevation of deck or stairs, including structural support

5.0

☒ feet ☐ meters

SECTION D - SURVEYOR, ENGINEER, OR ARCHITECT CERTIFICATION

This certification is to be signed and sealed by a land surveyor, engineer, or architect authorized by law to certify elevation information. I certify that the information on this Certificate represents my best efforts to interpret the data available. I understand that any false statement may be punishable by fine or imprisonment under 18 U.S. Code, Section 1001.

☒ Check here if comments are provided on back of form.

Were latitude and longitude in Section A provided by a licensed land surveyor? ☒ Yes ☐ No

☒ Check here if attachments.

Certifier's Name THOMAS N. TOLBERT

License Number 38608

Title PRESIDENT

Company Name DESIGN LAND SURVEYING, P.A.

Address P.O. BOX 667

City TURNERSVILLE

State NJ

ZIP Code 08012

Signature

Date 07/15/14

Telephone 856-374-1134

PLACE
SEAL
HERE

**Items to be included**

- All structural elements, including:
 - Spread or continuous foundation footings and pilings
 - Monolithic or other types of concrete slabs
 - Bearing walls, tie beams and trusses
 - Floors and ceilings
 - Attached decks and porches
 - Interior partition walls
 - Exterior wall finishes (brick, stucco, siding) including painting and moldings
 - Windows and doors
 - Reshingling or retiling a roof
- Hardware
- All interior finishing elements, including:
 - Tiling, linoleum, stone, or carpet over subflooring
 - Bathroom tiling and fixtures
 - Wall finishes (drywall, painting, stucco, plaster, paneling, marble, etc.)
 - Kitchen, utility and bathroom cabinets
 - Built-in bookcases, cabinets, and furniture
- Hardware
- All utility and service equipment, including:
 - HVAC equipment
 - Plumbing and electrical services
 - Light fixtures and ceiling fans
 - Security systems
 - Built-in kitchen appliances
 - Central vacuum systems
 - Water filtration, conditioning, or recirculation systems
- Cost to demolish storm-damaged building components
- Labor and other costs associated with moving or altering undamaged building components to accommodate improvements or additions
- Overhead and profits

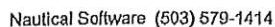
Items to be excluded

- Plans and specifications
- Survey costs
- Permit fees
- Post-storm debris removal and clean up
- Outside improvements, including:
 - Landscaping
 - Sidewalks
 - Fences
 - Yard lights
 - Swimming pools
 - Screened pool enclosures
- Detached structures (including garages, sheds and gazebos)
- Landscape irrigation systems

Figure 8-1. Items included in calculating cost of the project

Tides - Ocean City (9th Street bridge)		
Average Tides Mean Range: 3.7 ft Diurnal Range: 4.5 ft Mean Tide: 2.0 ft	39° 17.0' N 74° 35.0' W October 2017	Monthly High & Low High October 7, 9:53a 4.8 ft Low October 7, 3:47a -0.3 ft

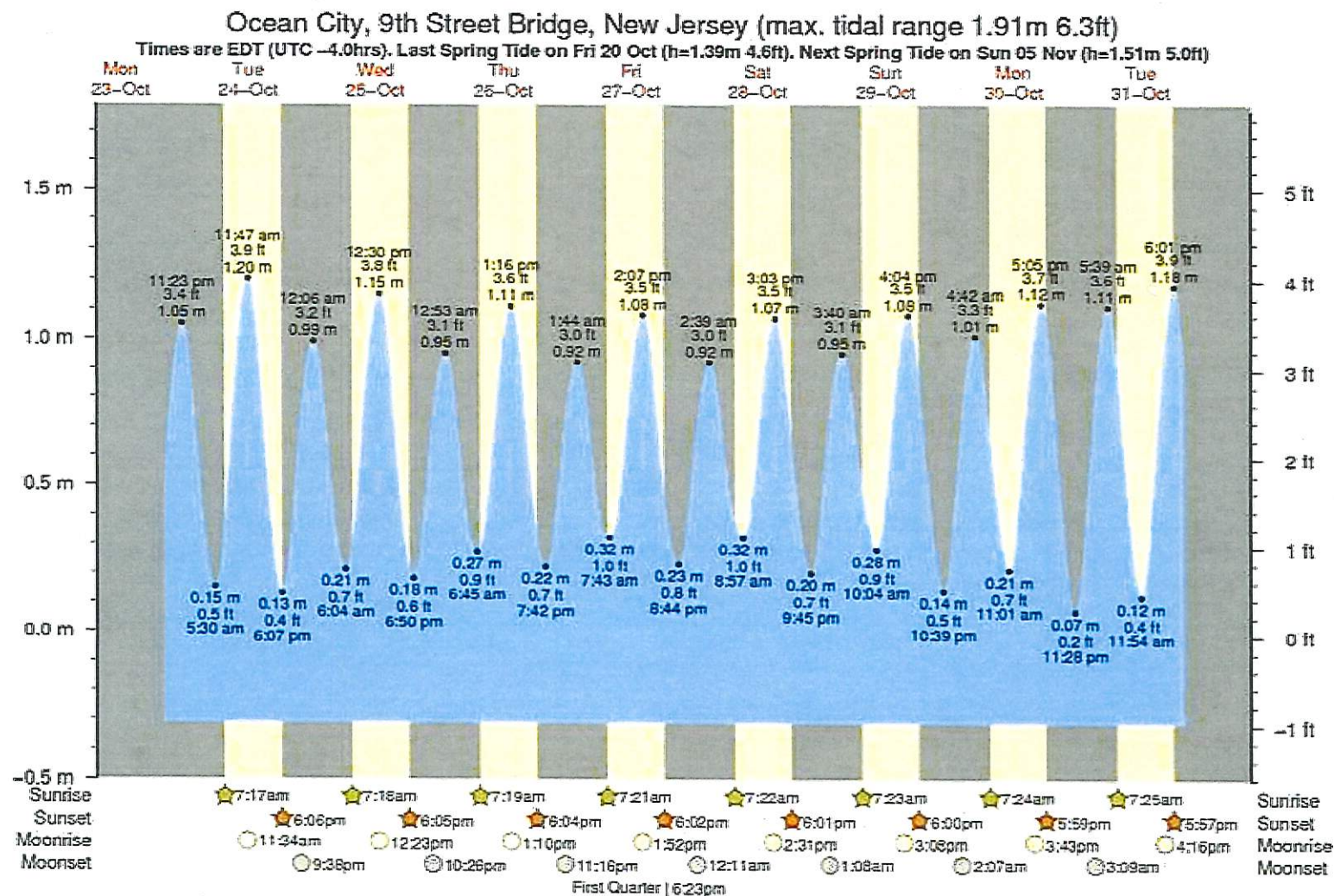
Monthly High & Low	
High October 7, 9:53a	4.8 ft
Low October 7, 3:47a	-0.3 ft



Tide chart for Ocean City, 9th Street Bridge showing low and high tide times for the next 7 days

Tide Times are EDT (UTC -4.0hrs). Last Spring High Tide at Ocean City, 9th Street Bridge was on Fri 20 Oct (height:1.39m 4.6ft). Next high Spring Tide at Ocean City, 9th Street Bridge will be on Sun 05 Nov (height:1.51m 5.0ft).

Tide datum: Mean Lower Low Water.



Ocean City, 9th Street Bridge Tide Chart. The largest known tidal range at Ocean City, 9th Street Bridge is 1.91m 6.3 feet

OCEAN CITY, 9TH STREET BRIDGE TIDE CHART KEY:

The tide chart above shows the height and times of high tide and low tide for Ocean City, 9th Street Bridge, New Jersey. The red flashing dot shows the tide time right now. The yellow shading corresponds to daylight hours between sunrise and sunset at Ocean City, 9th Street Bridge.

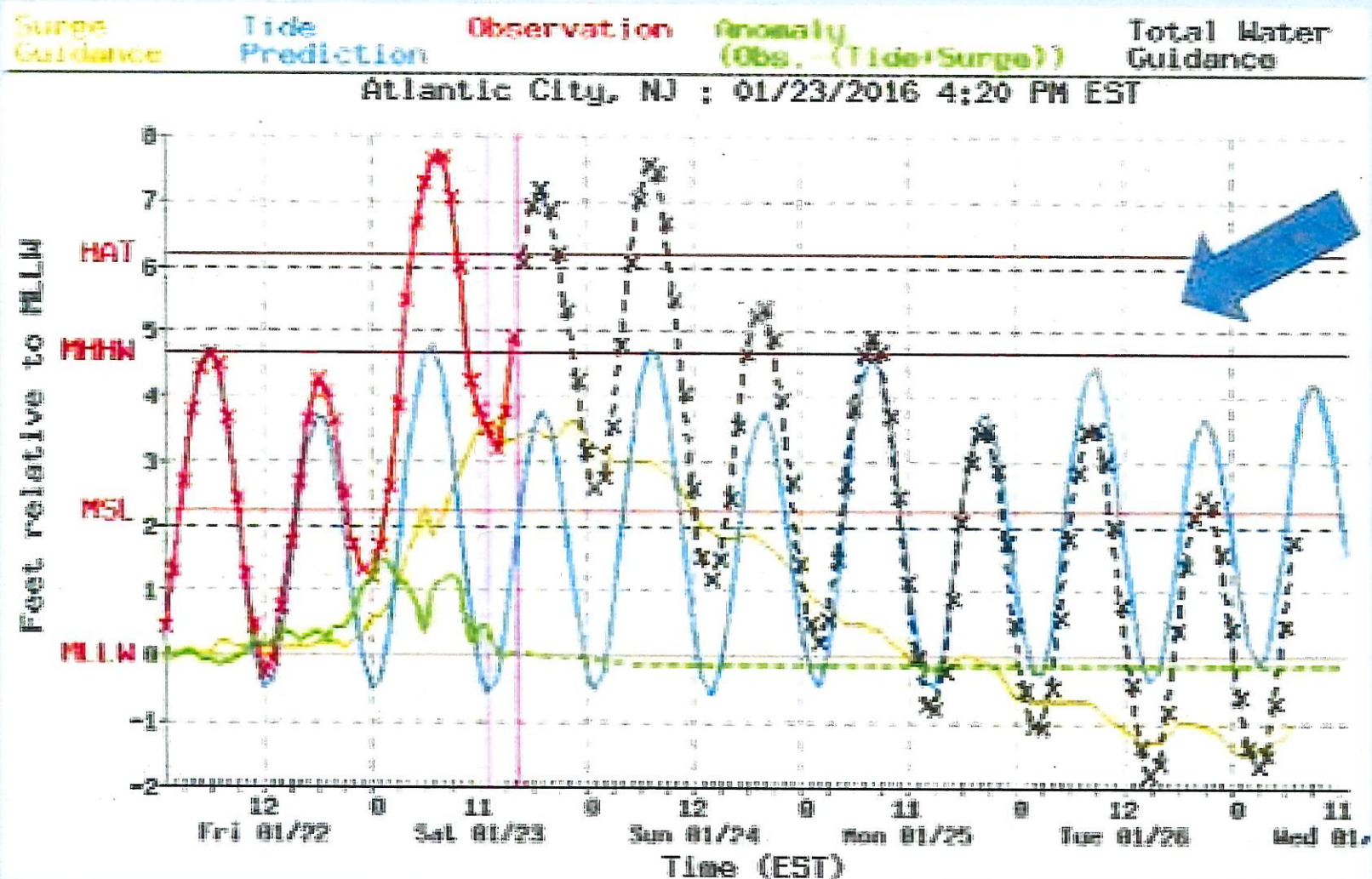
OCEAN CITY, 9TH STREET BRIDGE TIDE TABLE:

Tuesday 24 October	7:17 AM	EDT			Sunrise
	11:33 AM	EDT			Moonrise
	11:47 AM	EDT	1.20 m	(3.95 feet)	High Tide
	6:06 PM	EDT			Sunset
	6:07 PM	EDT	0.13 m	(0.43 feet)	Low Tide
	9:38 PM	EDT			Moonset
Wednesday 25 October	12:06 AM	EDT	0.99 m	(3.25 feet)	High Tide
	6:04 AM	EDT	0.21 m	(0.70 feet)	Low Tide
	7:18 AM	EDT			Sunrise
	12:23 PM	EDT			Moonrise
	12:30 PM	EDT	1.15 m	(3.78 feet)	High Tide
	6:05 PM	EDT			Sunset
Thursday 26 October	6:50 PM	EDT	0.18 m	(0.60 feet)	Low Tide
	10:26 PM	EDT			Moonset
	12:53 AM	EDT	0.95 m	(3.11 feet)	High Tide
	6:45 AM	EDT	0.27 m	(0.89 feet)	Low Tide
	7:19 AM	EDT			Sunrise
	1:10 PM	EDT			Moonrise
Friday 27 October	1:16 PM	EDT	1.11 m	(3.64 feet)	High Tide
	6:04 PM	EDT			Sunset
	7:42 PM	EDT	0.22 m	(0.72 feet)	Low Tide
	11:16 PM	EDT			Moonset
	1:44 AM	EDT	0.92 m	(3.03 feet)	High Tide
	7:21 AM	EDT			Sunrise
	7:43 AM	EDT	0.32 m	(1.04 feet)	Low Tide
	1:52 PM	EDT			Moonrise
	2:07 PM	EDT	1.08 m	(3.54 feet)	High Tide
	6:02 PM	EDT			Sunset
	6:23 PM	EDT			First Quarter
	8:44 PM	EDT	0.23 m	(0.74 feet)	Low Tide



NOAA's National Weather Service Philadelphia/Mt. Holly NJ

Issued: Saturday, January 23, 2016 – 5 PM
This is the last Briefing Package for this event



These charts show the potential for coastal and flooding with the next two high tides (this evening Sunday morning high tides).



Welcome to Ocean City NEW JERSEY

[Citizen Services](#)[Government](#)[Departments](#)[Events](#)[Recreation](#)[Public Safety](#)[Visitors](#)

Email Notifications

Check on the categories of interest below to receive timely email notifications from the City of Ocean City, New Jersey.

First Name:
Last Name:
Zip Code:
*Email:

- Select at least one group:
- ☐ Boards & Commissions Agendas
 - ☐ City Council Agenda
 - ☐ Emergency Alerts & Information
 - ☐ Ocean City News
 - ☐ Planning and Zoning Board Agendas
 - ☐ Project Updates
 - ☐ Tax Reminders & Information
 - ☐ Whats Happening

Emergency Notification Signup with CodeRed:

Thank you for your interest in signing up for Ocean City's Emergency Notification System. We are proud to offer this new service to the public. An Emergency Notification System gives those in charge of Public Safety a chance to reach out to the public in case of an emergency event. This system, combined with our other emergency alert methods, is designed to get emergency messages to you the public, quickly and effectively. This does not preclude you from calling 911 if you need emergency information; it simply provides an opportunity for us to disseminate critical information to you if and when the need arises. The reason for this form is to gather as many means of contact as you may have, so that in the event of an emergency that affects Ocean City, we can notify you in multiple ways.

IMPORTANT NOTES:

- We maintain a constantly updating database of all land line telephone numbers registered in Ocean City. Feel free to list any additional land line phone numbers, however we are most interested in gathering cell phone numbers and email addresses.
- If you have an Ocean City address, please provide it in the Street Address field, in the event of a localized emergency your local address will integrate with the notification systems mapping capabilities.
- This information will remain in the custody of the Ocean City Office of Emergency Management at all times, and will only be used for Emergency Notification purposes.

We appreciate you taking the time to share this important information with us!



WEATHER WARNING®

Please make sure you visit the [Emergency Notification System](#) site to enroll.

Thank You