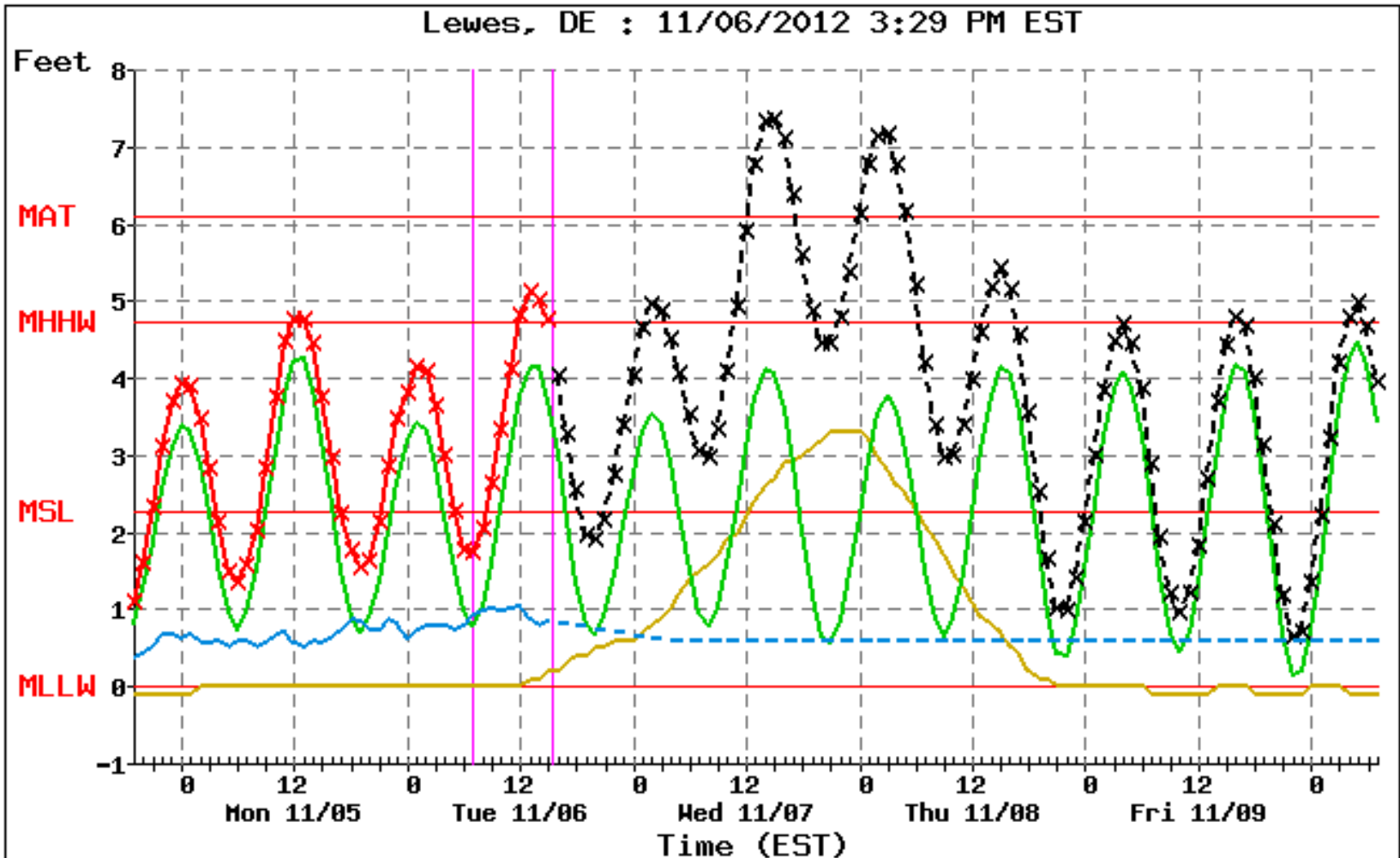


Weather Briefing Strong Coastal Nor'easter November 7th-8th, 2012

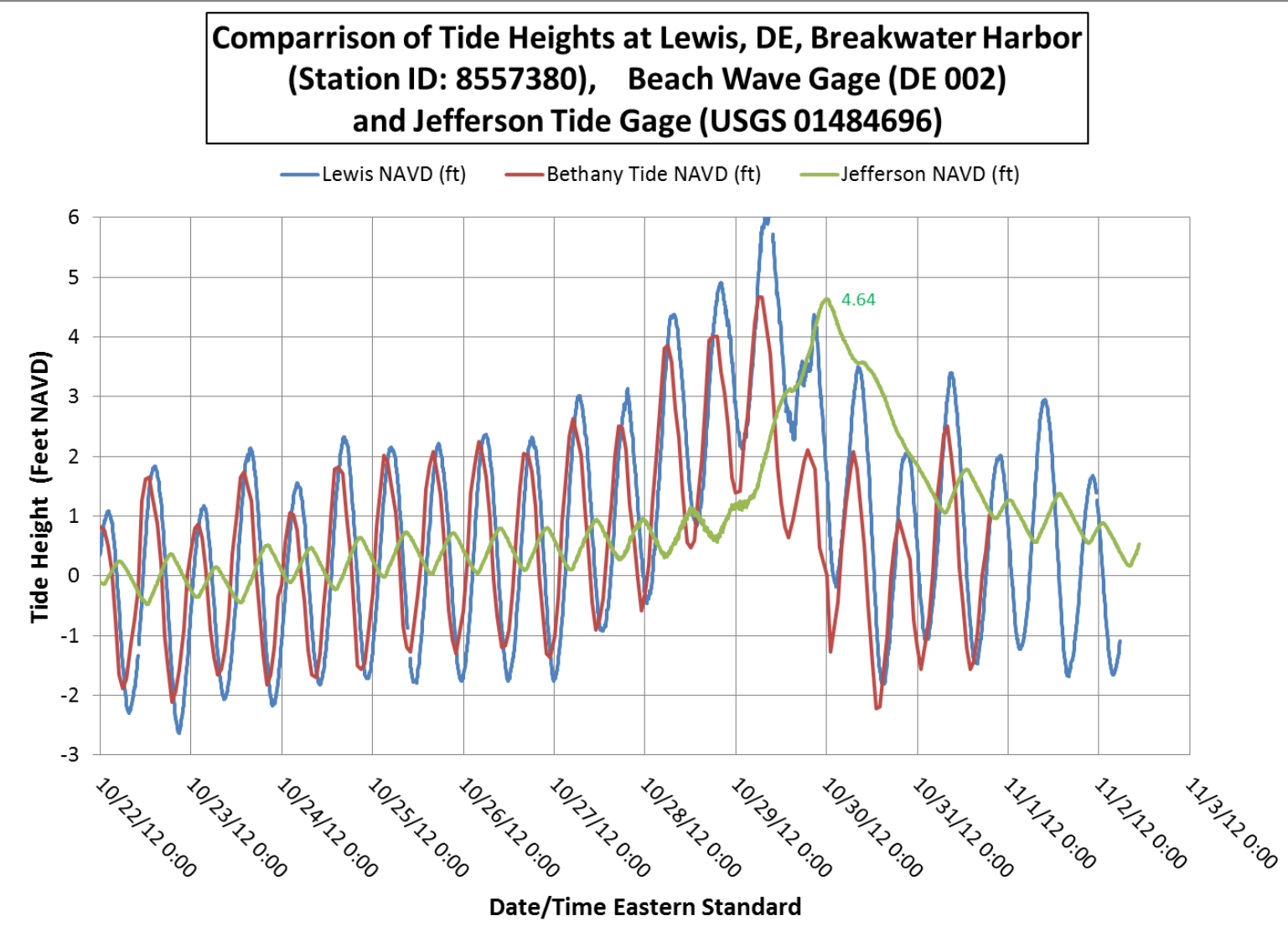
- A strong coastal nor'easter will threaten the region in the November 7th-8th timeframe.
- Storm force wind gusts (55-65 mph) are likely during this storm.
- Waves in surf zone along the Atlantic Coast will be 8 to 10 feet.
- Moderate beach erosion is likely; **major beach erosion is possible.**
- The high tides **in the ocean** of most concern are the ones around midday Wednesday, November 7th and the following high tide Wednesday night. See prediction for Lewis on page 2.
- The high tides **in the canals** of most concern are the ones that occur 6 to 18 hours after the high tides in the ocean. See page 3 and page 4.
- There will be moderate to severe beach erosion during this event.
- The canals will probably overflow the lower bulkheads. See page 5.
- You are able to track the canal tides at <http://waterdata.usgs.gov/nwis/uv?01484696>
- You are able to track Lewis Predictions at <http://www.nws.noaa.gov/mdl/etsurge/index.php?page=stn®ion=ne&type=both&stn=delews>

The Ocean Tides Are Predicted To Be More Than 3 Feet Higher Than Normal. The Maximum Tide Is Predicted To Be About 7.5 Feet Referenced To Mean Lower Low Water (MLLW). Last Week's Storm Registered 8.6 Feet MLLW. It However Was Not A True Nor'Ester. This Storm Is And Therefor May Do More Damage To The Dunes.

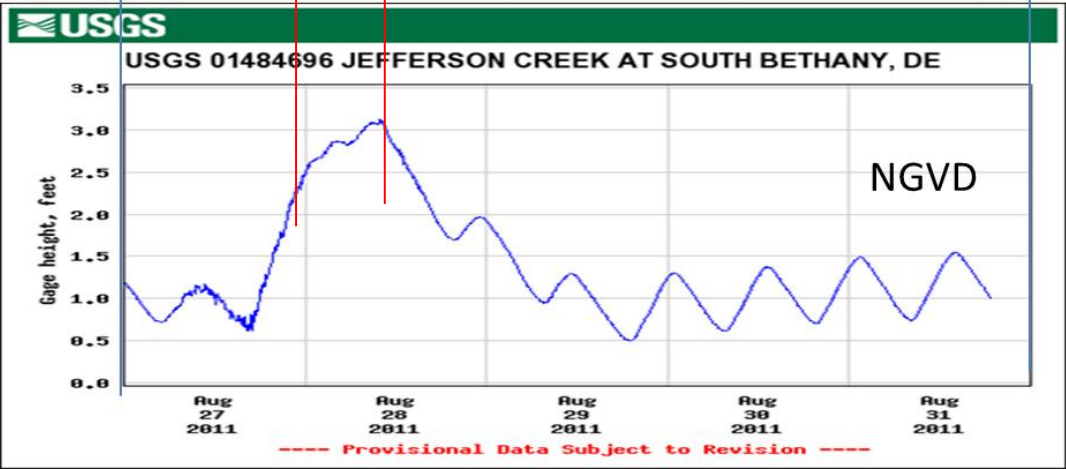
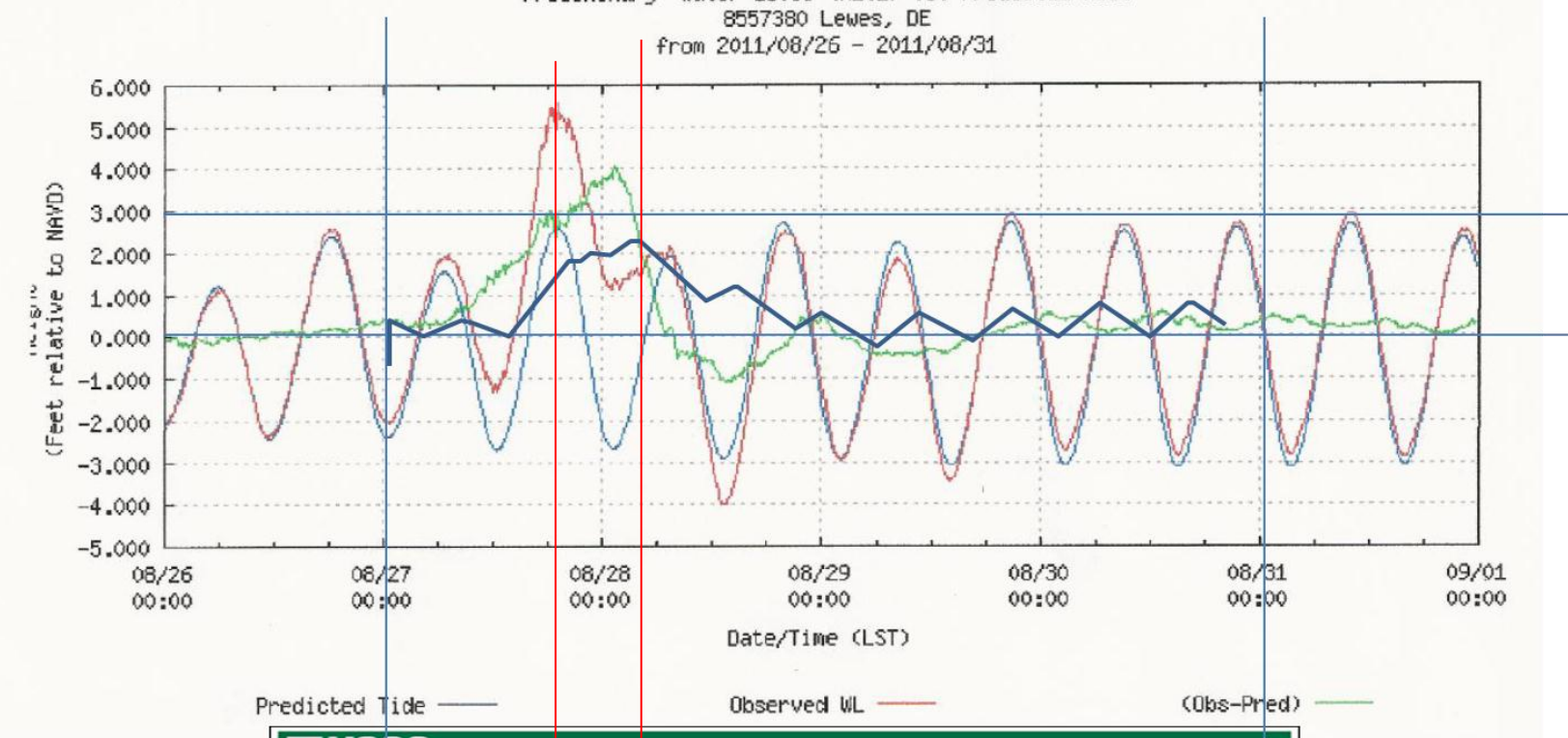
Surge (Yellow) Tide (Green) Observation (Red) Forecast (Black) Anomaly=(Obs.-(Tide+Surge)) (Blue)



Last Week, The Canal Maximum Tide Occurred About 18 Hours After The Lewis Maximum Tide. On This Chart All Tides Are Referenced To The NAVD 1988 Datum Which Is Different Than The Lewis MLLW Datum By About 2.6 Feet.



For The Hurricane (August, 2011) The Canal Maximum Tide Occurred About 6 To 12 Hours After The Lewis Maximum Tide.



The Canal Tides Are Very Hard To Predict Since They Are Very Dependent On Wind. Last Week The Wind Was Significantly Different Than Previous Storms. It Is Expected That The Nov. 8 Canal Tides Will Be No Worse Than The Aug., 2011 Hurricane.

Street End	Elevation of Bulkhead (feet NGVD)	Flood over Bulkhead on 8/28/2011 (feet)	Flood over Bulkhead on 9/19/2003 (feet)	Flood over Bulkhead on 10/29/2012 (feet)	Prediction for 11/08/2012
Tide Gage NGVD		3.12	3.52	5.44	3.12
Plymouth					
Bristol					
Victotia					
Kimberly					
Rebecca	3.46	-0.34	0.06	1.98	-0.34
W. Bayshore	2.88	0.24	0.64	2.56	0.24
Layton	2.72	0.40	0.80	2.72	0.40
New Castle	3.08	0.04	0.44	2.36	0.04
Henlopen	3.34	-0.22	0.18	2.10	-0.22
Brandywine	3.66	-0.54	-0.14	1.78	-0.54
Petherton	4.43	-1.31	-0.91	1.01	-1.31
Sussex					
Kent					
Godwin	3.19	-0.07	0.33	2.25	-0.07
107 Godwin	2.86	0.26	0.66	2.58	0.26
W. Anchorage	3.58	-0.46	-0.06	1.86	-0.46
W. 11th	4.50	-1.38	-0.98	0.94	-1.38
W. 10th	4.51	-1.39	-0.99	0.93	-1.39
W. 9th	3.28	-0.16	0.24	2.16	-0.16
W. 8th	4.13	-1.01	-0.61	1.31	-1.01
W. 7th	4.06	-0.94	-0.54	1.38	-0.94
W. 6th	3.60	-0.48	-0.08	1.84	-0.48
W. 5th	3.68	-0.56	-0.16	1.76	-0.56
W. 4th	3.69	-0.57	-0.17	1.75	-0.57
W. 3th	3.61	-0.49	-0.09	1.83	-0.49
W. 2th	2.78	0.34	0.74	2.66	0.34
W. 1th	2.79	0.33	0.73	2.65	0.33

Canal End	Elevation of Bulkhead (feet NGVD)	Flood over Bulkhead on 8/28/2011 (feet)	Flood over Bulkhead on 9/19/2003 (feet)	Flood over Bulkhead on 10/29/2012 (feet)	Prediction for 11/08/2012
Tide Gage NGVD		3.12	3.52	5.44	3.12
W. 2nd	2.86	0.26	0.66	2.58	0.26
W. 3rd	2.77	0.35	0.75	2.67	0.35
W. 4th	3.02	0.10	0.50	2.42	0.10
W. 5th	3.61	-0.49	-0.09	1.83	-0.49
W. 6th	3.11	0.01	0.41	2.33	0.01
W. 7th	3.19	-0.07	0.33	2.25	-0.07
W. 8th	3.61	-0.49	-0.09	1.83	-0.49
W. 9th	3.86	-0.74	-0.34	1.58	-0.74
W. Russell	3.36	-0.24	0.16	2.08	-0.24
E. Russell	4.00	-0.88	-0.48	1.44	-0.88
W. 10th	4.00	-0.88	-0.48	1.44	-0.88
W. 11th	3.92	-0.80	-0.40	1.52	-0.80
Anchorage	3.42	-0.30	0.10	2.02	-0.30
Petherton	4.19	-1.07	-0.67	1.25	-1.07
Brandywine	3.36	-0.24	0.16	2.08	-0.24
S. Highway	3.19	-0.07	0.33	2.25	-0.07
York	2.52	0.60	1.00	2.92	0.60
Rebeca	3.94	-0.82	-0.42	1.50	-0.82
Kimberly	2.69	0.43	0.83	2.75	0.43
Victoria	2.86	0.26	0.66	2.58	0.26
Bristol	2.69	0.43	0.83	2.75	0.43
Boone	4.02	-0.90	-0.50	1.42	-0.90
N. Highway	2.78	0.34	0.74	2.66	0.34
W. May	3.04	0.08	0.48	2.40	0.08
E. May	3.52	-0.40	0.00	1.92	-0.40
Layton	2.71	0.41	0.81	2.73	0.41