



November 19, 2025

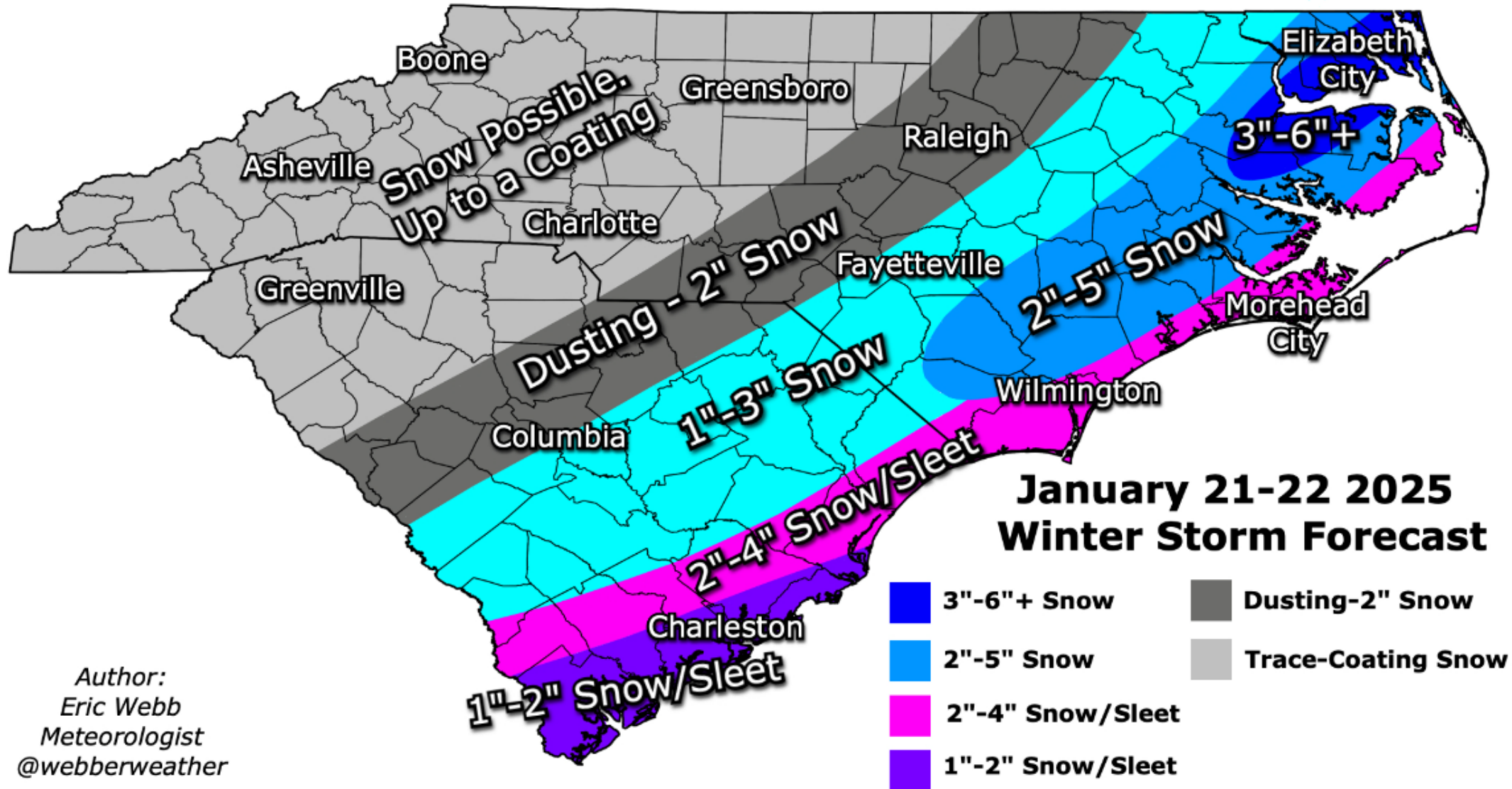
2025 Hurricane/Storms Update

Robb Mairs

NC Division of Coastal Management



Unnamed Winter Storms



Unnamed Winter Storms



Photo Source: CPS, LLC
Facing North 1-21-25

King Tides



2025 North Carolina King Tides Calendar

January							February							March							April						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
29	30	31					26	27	28	29	30	31	1	23	24	25	26	27	28	1	30	31	1	2	3	4	5
5	6	7	8	9	10	11	2	3	4	5	6	7	8	2	3	4	5	6	7	8	6	7	8	9	10	11	12
12	13	14	15	16	17	18	9	10	11	12	13	14	15	9	10	11	12	13	14	15	13	14	15	16	17	18	19
19	20	21	22	23	24	25	16	17	18	19	20	21	22	16	17	18	19	20	21	22	20	21	22	23	24	25	26
26	27	28	29	30	31	1	23	24	25	26	27	28	1	30	31	1	2	3	4	5	27	28	29	30	1	2	3

May							June							July							August						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
27	28	29	30	1	2	3	1	2	3	4	5	6	7	29	30	1	2	3	4	5	27	28	29	30	31	1	2
4	5	6	7	8	9	10	8	9	10	11	12	13	14	6	7	8	9	10	11	12	3	4	5	6	7	8	9
11	12	13	14	15	16	17	15	16	17	18	19	20	21	13	14	15	16	17	18	19	10	11	12	13	14	15	16
18	19	20	21	22	23	24	22	23	24	25	26	27	28	20	21	22	23	24	25	26	17	18	19	20	21	22	23
25	26	27	28	29	30	31	29	30	1	2	3	4	5	27	28	29	30	31	1	2	24	25	26	27	28	29	30

September							October							November							December						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
31	1	2	3	4	5	6	28	29	30	1	2	3	4	26	27	28	29	30	31	1	30	1	2	3	4	5	6
7	8	9	10	11	12	13	5	6	7	8	9	10	11	2	3	4	5	6	7	8	7	8	9	10	11	12	13
14	15	16	17	18	19	20	12	13	14	15	16	17	18	9	10	11	12	13	14	15	14	15	16	17	18	19	20
21	22	23	24	25	26	27	19	20	21	22	23	24	25	16	17	18	19	20	21	22	21	22	23	24	25	26	27
28	29	30	1	2	3	4	26	27	28	29	30	31	1	23	24	25	26	27	28	29	28	29	30	31	1	2	3



King Tide



Expected Higher & Lower Water Events



Lunar Perigee
(moon closest to Earth)



Full Moon



New Moon



Super Full Moon
(Perigee & Full Moon)



Super New Moon
(Perigee & New Moon)

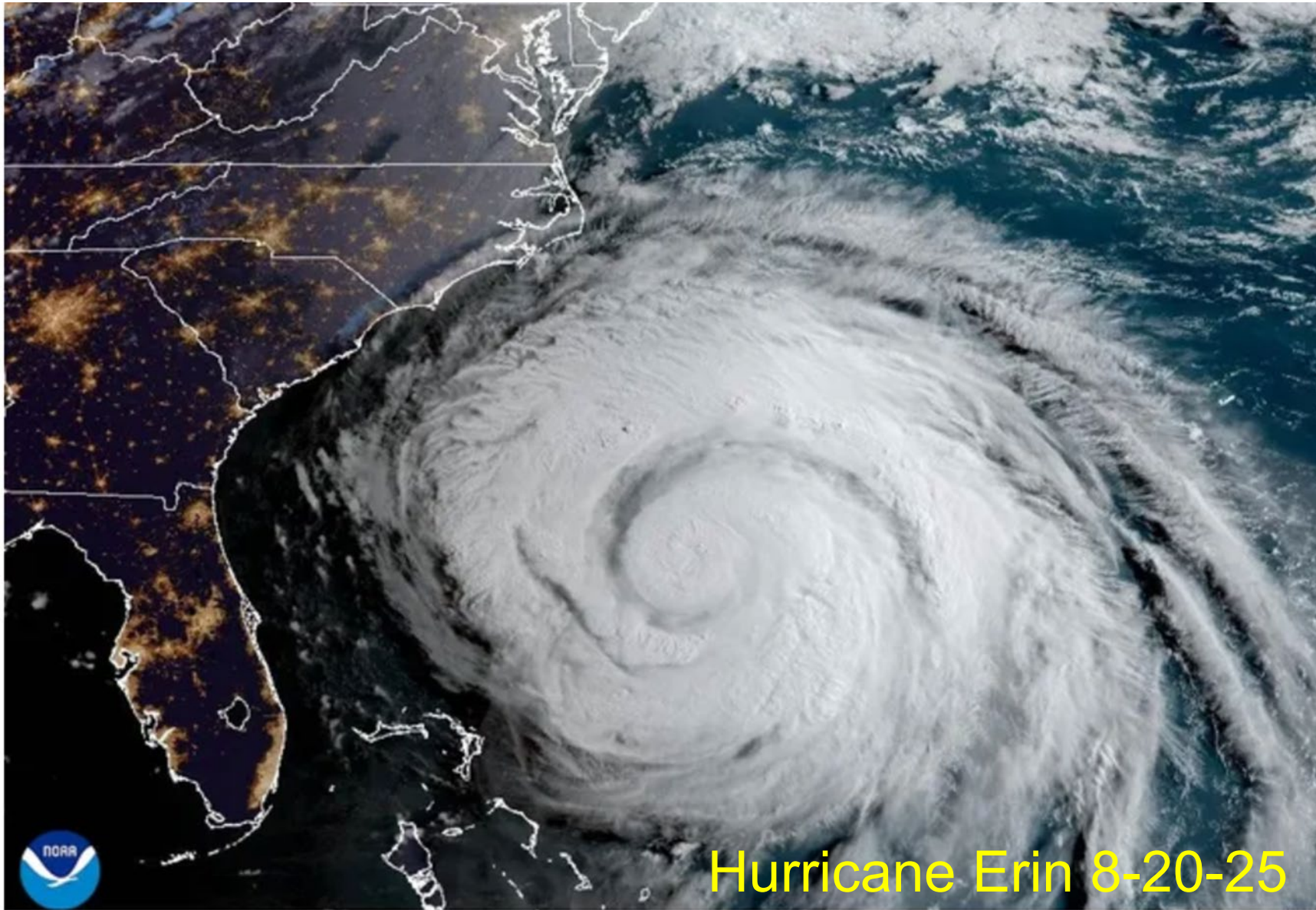


Hurricanes and Tropical Storms

Tropical Storm Chantal 7-5-25



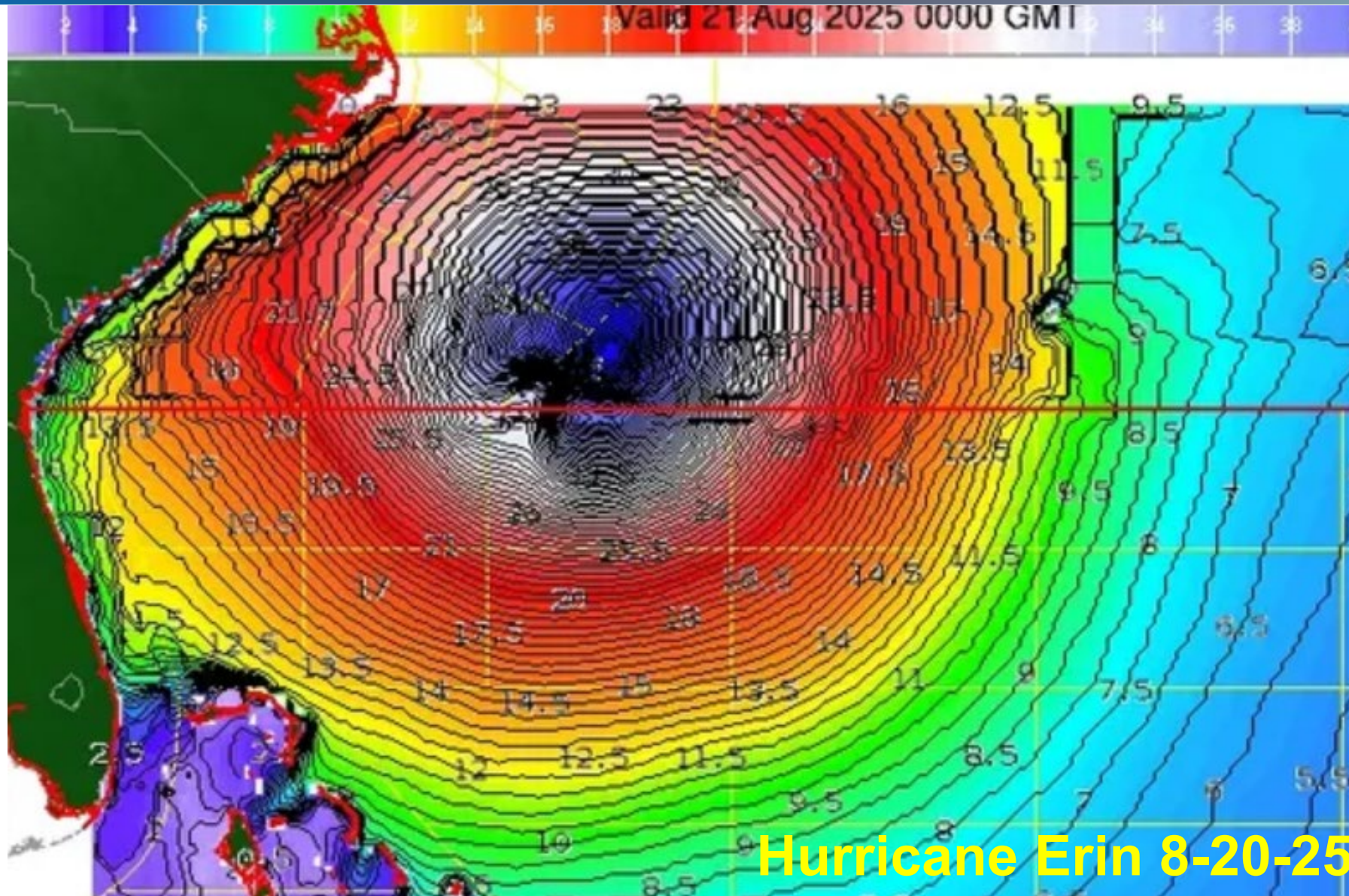
Hurricanes and Tropical Storms



Hurricane Erin 8-20-25



Hurricanes and Tropical Storms



Hurricanes and Tropical Storms



Hurricanes and Tropical Storms



Unnamed Storms and King Tides



**NCDCM and DOT Staff Avon Sand Mine/Pit Inspection
8/22/25 Prior to Hurricane Erin**

Hurricanes and Tropical Storms

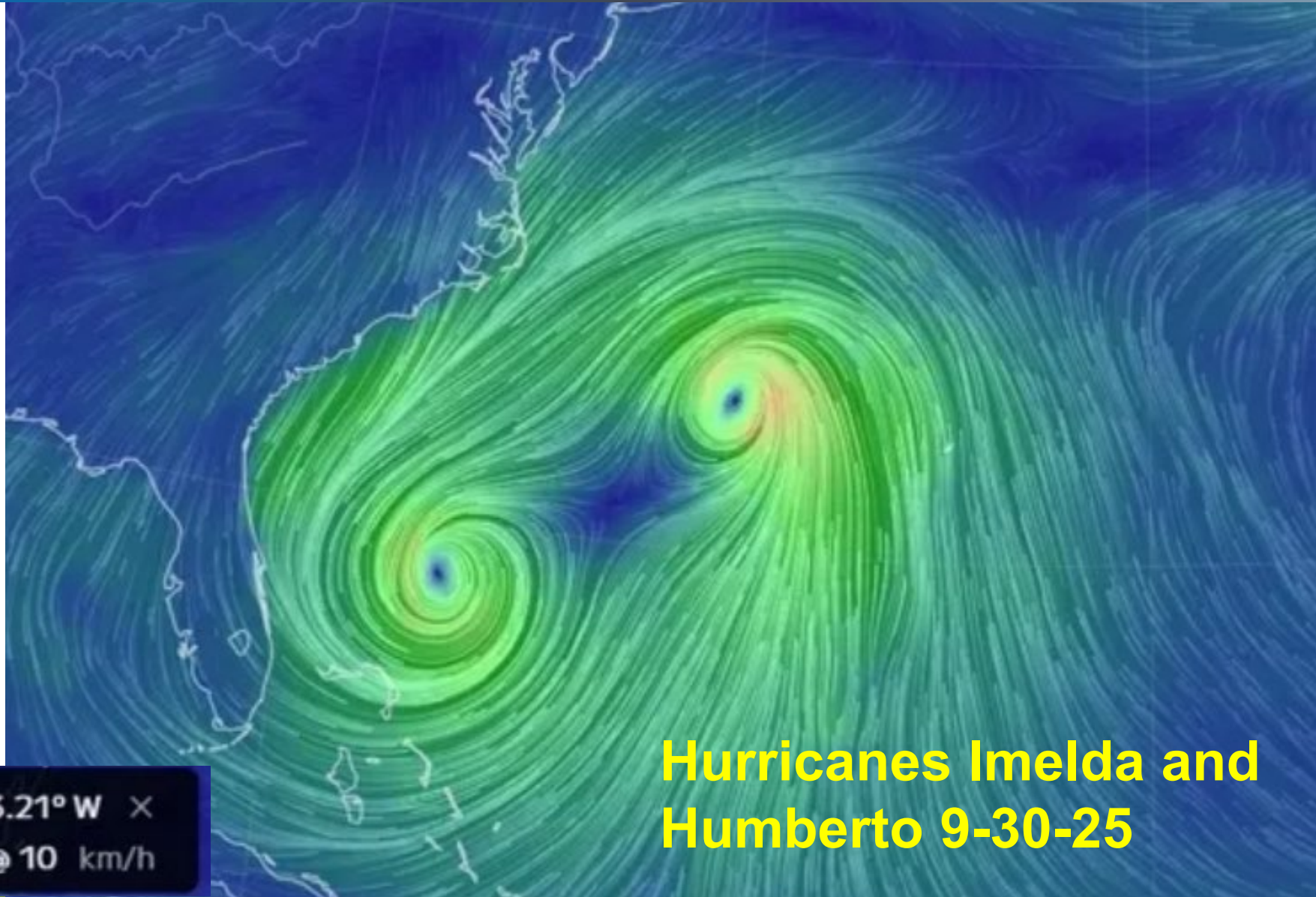


**Hurricanes Imelda and
Humberto 9-30-25**

30 Sep 2025 18:01Z - NOAA/NESDIS/STAR - GOES-19 - GEOCOLOR Composite - EUS



Hurricanes Imelda and Humberto 9-30-25



38.50° N, 103.21° W ×
Wind | 205° @ 10 km/h

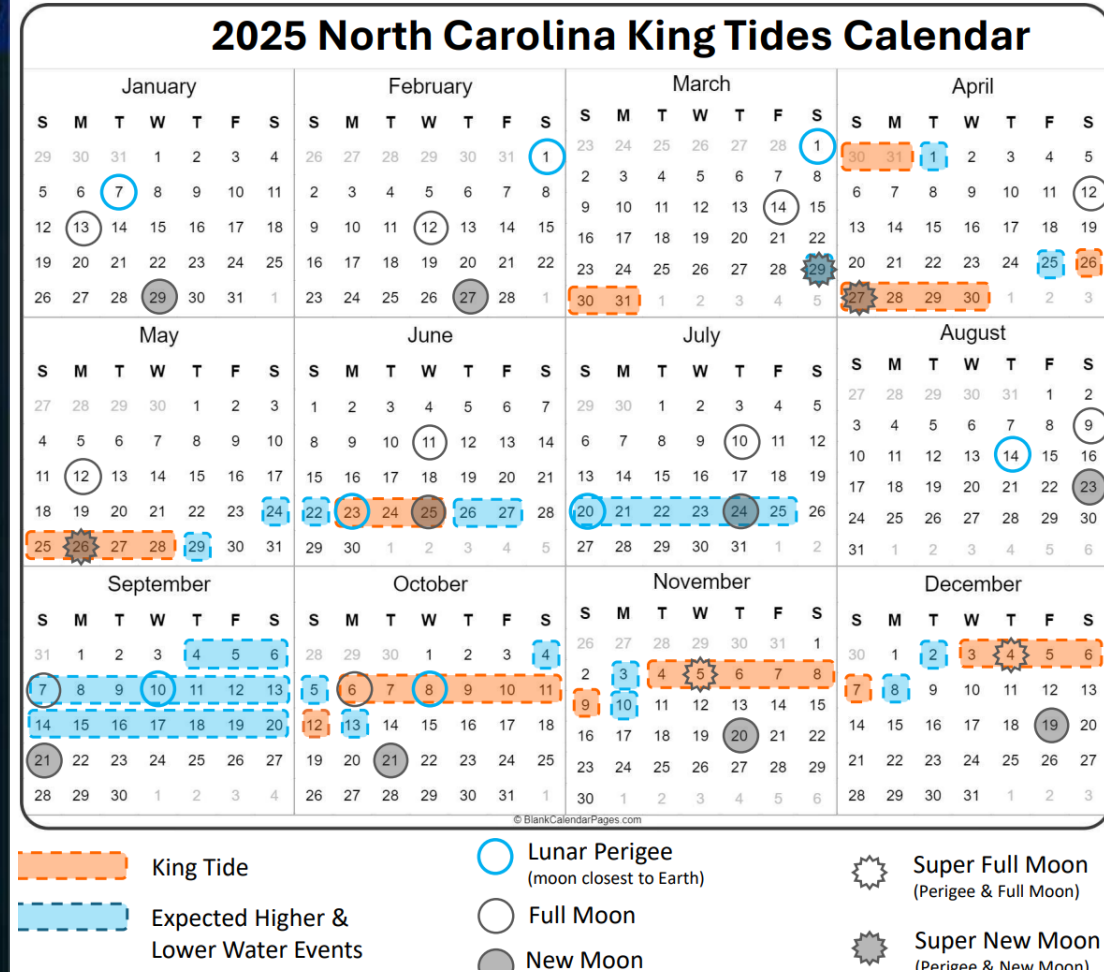
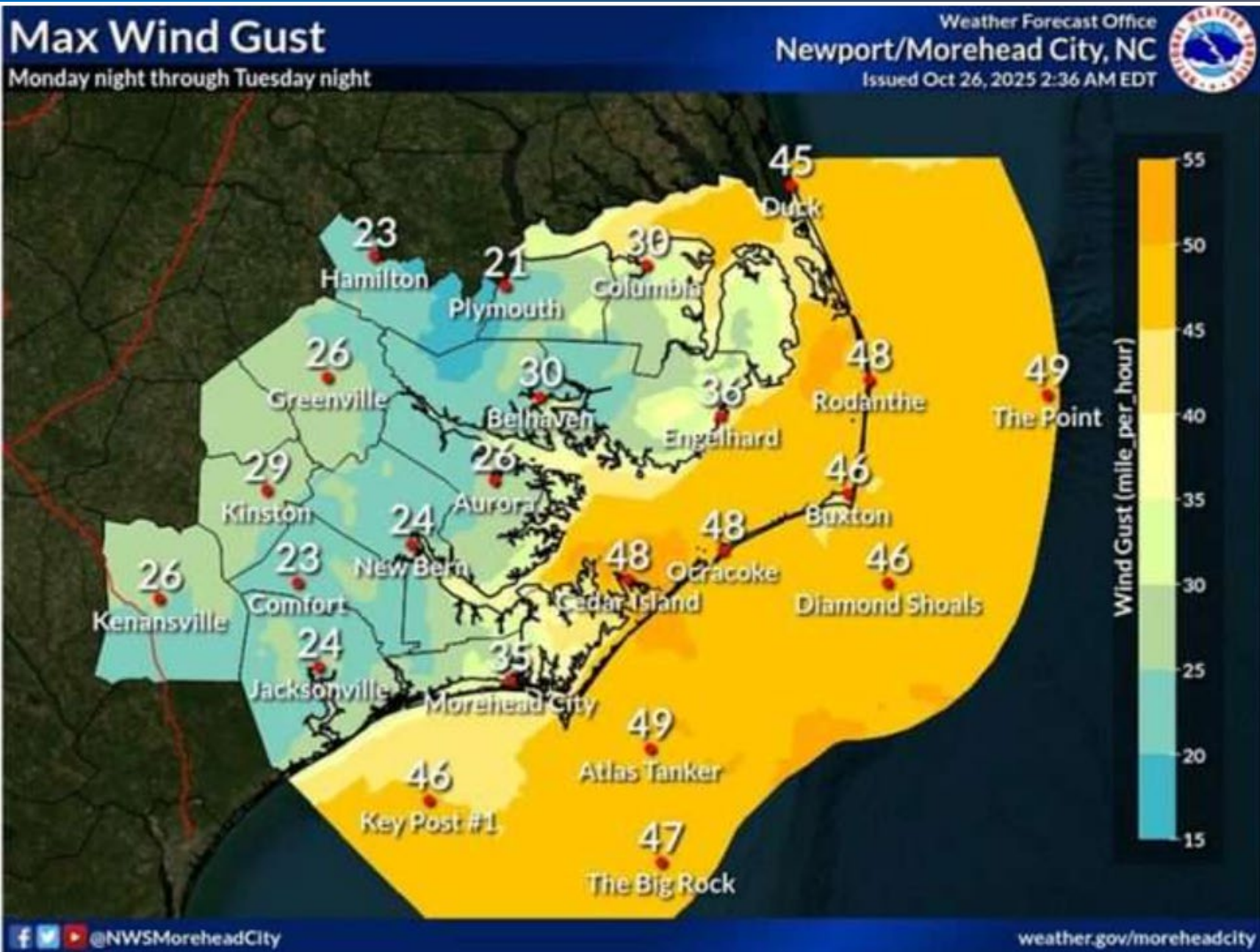
**Hurricanes Imelda and
Humberto 9-30-25**

Hurricanes and Tropical Storms



Photo Source:
Don Bowers-Island Free Press

Unnamed Storms and King Tides



Unnamed Storms and King Tides

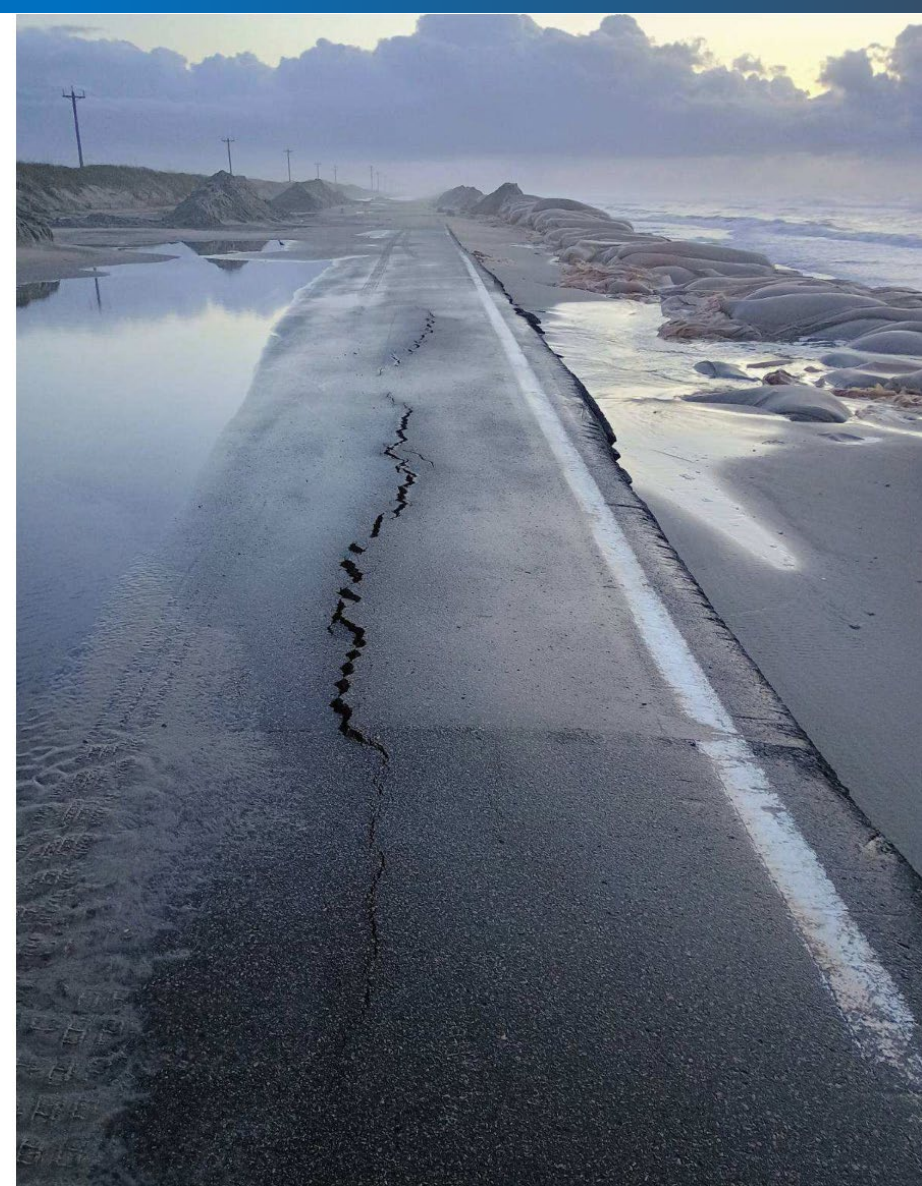
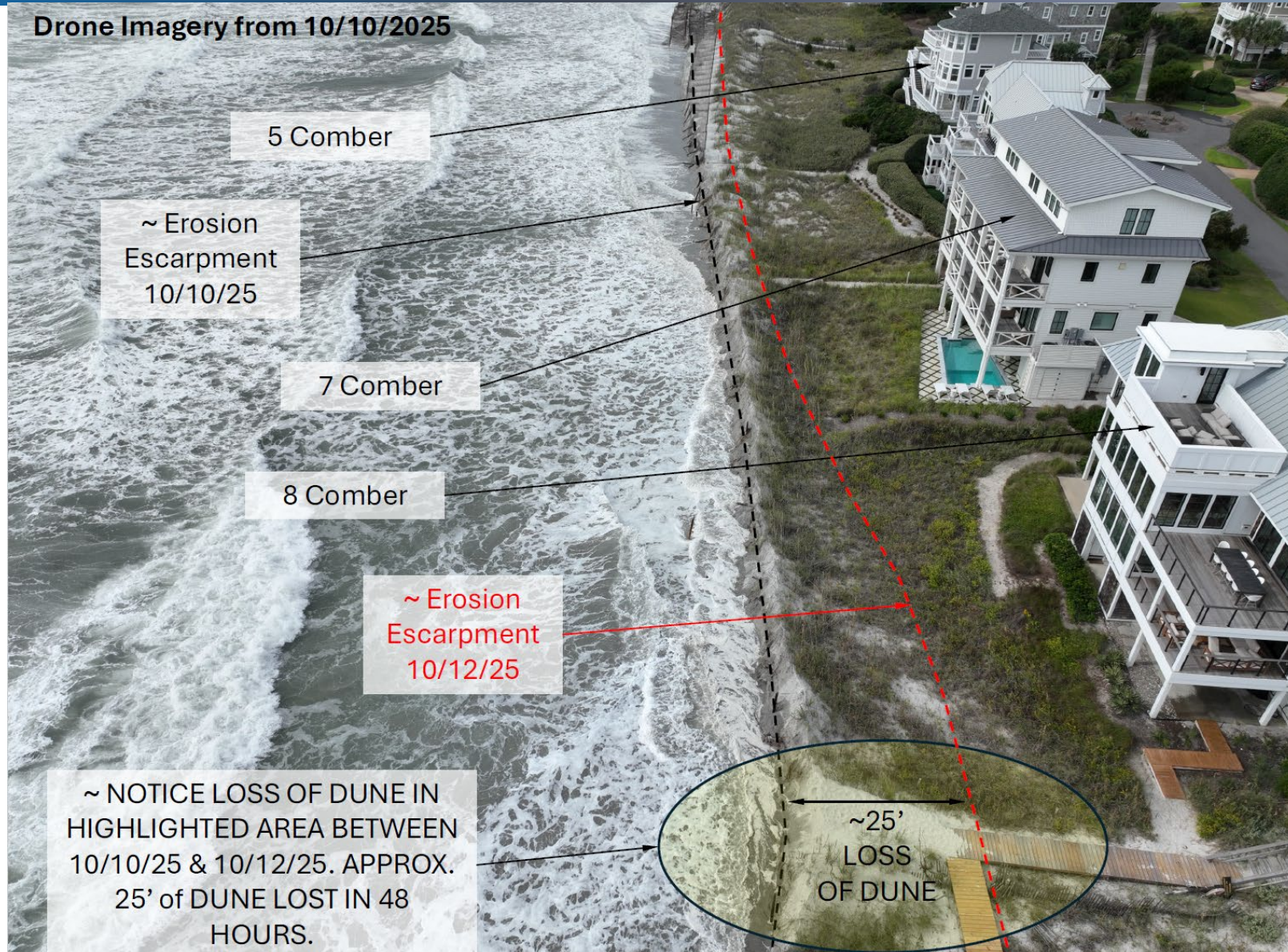
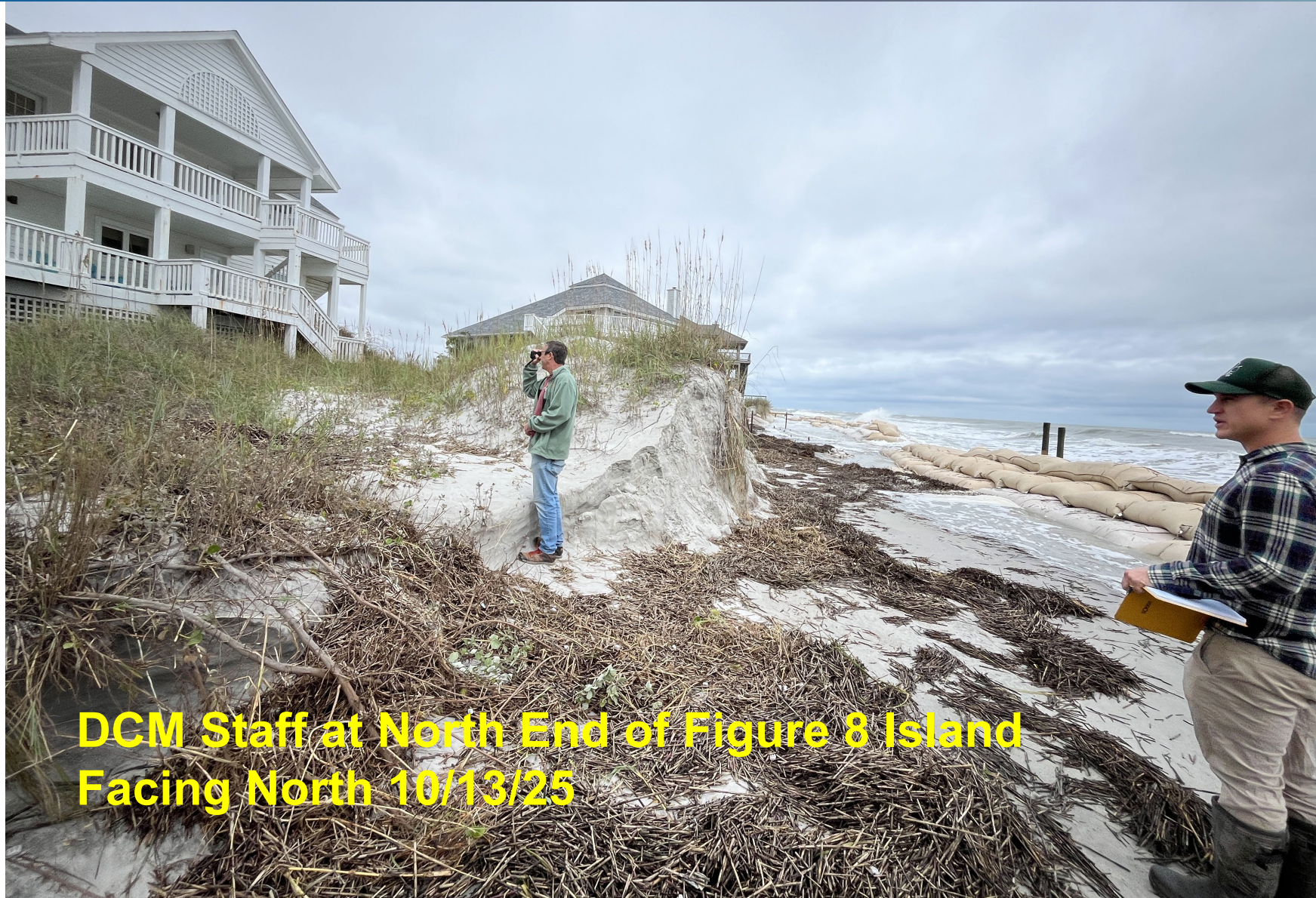


Photo Source: NC DCM Staff Post Mid-October Nor'easter

Unnamed Storms and King Tides



Unnamed Storms and King Tides



**DCM Staff at North End of Figure 8 Island
Facing North 10/13/25**

Unnamed Storms and King Tides



Source: Town of NTB Staff Photo
Facing North 10-27-25

Unnamed Storms and King Tides



Photo Source:
DCM Staff 10/7/25

Unnamed Storms and King Tides



Photo Source:
Don Bowers-Island Free Press

Oceanfront Home Collapses on Hatteras Island 2025

- 46006 Cottage Avenue, Buxton** – Collapsed on October 18.
- 23047 G.A. Kohler Court, Rodanthe** – Collapsed on October 3.
- 46221 Tower Circle Road, Buxton** – Collapsed on October 2
- 46207 Tower Circle Road, Buxton** – Collapsed on October 1.
- 46203 Tower Circle Road, Buxton** – Collapsed on September 30.
- 46001 Cottage Avenue, Buxton** – Collapsed on September 30.
- 46002 Cottage Avenue, Buxton** – Collapsed on September 30.
- 46007 Cottage Avenue, Buxton** – Collapsed on September 30.
- 46209 Tower Circle Road, Buxton** – Collapsed on September 30.
- 46211 Tower Circle Road, Buxton** – Collapsed on September 30.
- 46227 Tower Circle Road, Buxton** – Collapsed on September 16.
- 46002 Ocean Drive, Buxton** – Collapsed on October 28.
- 46223 Tower Circle Road, Buxton** – Collapsed on October 28.
- 46003 Ocean Drive, Buxton** – Collapsed on October 28.
- 46016 Cottage Avenue, Buxton** – Collapsed on October 28.
- 46213 Tower Circle Road, Buxton** – Collapsed on October 28.



Source: *Joy Crist and Don Bowers-Island Free Press*

Unnamed Storms and King Tides



Photo Source:
Don Bowers-Island Free Press

Unnamed Storms and King Tides



Source: *Don Bowers-Island Free Press*