

NOUS41 KWBC 071850
PNSWSH

Service Change Notice 26-63
National Weather Service Headquarters Silver Spring, MD
250 PM EDT Tue Jul 7, 2026

To: Subscribers:
 -NOAA Weather Wire Service
 -Emergency Managers Weather Information Network
 -NOAAPort
 Other NWS Partners and NWS Employees

From: David Michaud
 Director
 NWS Central Operations

Subject: Probabilistic Extra-Tropical Storm Surge (P-ETSS) model
upgrade: effective July 7, 2026

Effective July 7, 2026, starting with the 1200 Coordinated Universal Time (UTC) cycle, the NWS Office of Modeling and Development (OMD) will upgrade the Probabilistic Extra-Tropical Storm Surge (P-ETSS) model to version 1.4.5. In the event that the implementation date is declared a Critical Weather Day (CWD), an Enhanced Caution Event (ECE), or other significant weather is occurring or is anticipated to occur, implementation of this change will take place at 1200 UTC on the next weekday not declared a CWD or ECE and when no significant weather is occurring.

1. MODEL CHANGES

- Include a "bias-calculation" flag to disable bias calculations for selected stations:

[AK] GLTA2 (Carolyn Is. Golovin Bay, AK), KWGA2 (Kwigillingok, AK),
OLSA2 (Nikolski, AK), SFTA2 (Shishmaref Inlet, AK), SMBA2 (St. Michael
Norton Sound, AK), TLTA2 (Port Clarence, AK), TNUA2 (Tununak, AK),
[GA] GCYG1 (Savannah River, GA),
[MA] AMEM3 (Amelia, MA), POPM3 (Popponesset, MA),
[ME] ASTM1 (Augusta, ME), CPEM1 (Camp Ellis Saco, ME)
[NC] AVNN7 (Avon Harbor, NC), COLN7 (Columbia, NC), CTIN7 (Cedar Is.,
NC), EGHN7 (Engelhard, NC), FRIN7 (Pamlico Sound, NC), JCKN7
(Jacksonville, NC), KITN7 (Albemarle Sound, NC), MINN7 (Currituck Sound,
NC), NAGN7 (Roanoke Sound Nags, NC), ORLN7 (Oriental, NC), RBDN7 (Trent
River, NC), RMLN7 (Shallowbag Bay, NC), SBNN7 (Sunset Beach, NC), SNDN7
(Currituck Sound B, NC), STUN7 (Pamlico Sound S., NC),
[NY] SADN6 (East Creek Sands Point, NY),
[SC] BRBS1 (Beaufort, SC), PWNG1 (PortWentworth, SC), SVDG1 (Savannah
River, SC),
[TX] RLIT2 (Realitos Peninsula, TX),
[VA] EMWN7 (Pasquotank River, VA), LONV2 (London Bridge Creek, VA),
THAV2 (Thalia Creek, VA),
[WA] CPTW1 (Cape Disappointment, WA)

- Include observation-based bias corrections for nine (9) Eastern Region stations: BAHM1 (Bath, ME), MCSM1 (Machias, ME), MIGM1 (Milbridge, ME), HPMN3 (Hamton, NH), RYPN6 (Mamaroneck Harbor, NY), NRSV2 (Nansemond River, VA), PRTV2 (Chesapeake Bay, VA), RAPV2 (Rappahannock River, VA), WCKV2 (Chesapeake Gwynn Is., VA); and four (4) Alaska Region stations: ELTA2 (Elim, AK), SFTA2 (Shaktoolik, AK), SHTA2 (Shishmaref Inlet, AK), SMBA2 (St. Michael Norton Sound, AK)

- Include Standard Hydrometeorological Exchange Format (SHEF) support for eight (8) Alaska Region stations: ELTA2 (Elim, AK), HPBA2 (Hooper Bay, AK), KVTA2 (Kivalina, AK), SFTA2 (Shaktoolik, AK), SHTA2 (Shishmaref Inlet, AK), SMBA2 (St. Michael Norton Sound, AK), TLTA2 (Port Clarence, AK), WALA2 (Wales, AK)

- Include SHEF support for fourteen (14) stations for Puerto Rico and the U.S. Virgin Islands: AROP4 (Arecibo, PR), CLBP4 (Culebra, PR), ESPP4 (Esperanza, PR), FRDP4 (Fajardo, PR), MGIP4 (Magueyes, Is., PR), MGZP4 (Mayaguez, PR), PLSP4 (Penuelas, PR), SJNP4 (San Juan, PR), VQSP4 (Isable Segunda Vieques, Is., PR), YABP4 (Yabucoa Harbor, PR), CHAV3 (Charlotte Amalie, VI), CHSV3 (Christiansted Harbor, VI), LAMV3 (Lameshur Bay, VI), LTBV3 (Limetree Bay, VI)

- Update datum information for seventeen (17) stations: ITKA2 (Sitka, AK), JNEA2 (Juneau, AK), KECA2 (Ketchikan, AK), PMOA2 (Port Moller, AK), SMBA2 (St. Michael Norton Sound, AK), UNLA2 (Unalaska, AK), DMSF1 (Dames Point, FL), NBNF1 (Naples Bay, FL), BLHN7 (Belhaven, NC), CTIN7 (Cedar Is., NC), PAMN7 (Washington, NC), SNDN7 (Currituck Sound, NC), BASN4 (Coates Point, NJ), MTLN4 (Mantaloking, NJ), WATN4 (Waretown, NJ), NEAW1 (Neah Bay, WA), PTWW1 (Port Townsend, WA)

After this change is implemented, the current P-ETSS and ETSS products will be available here:

<https://nomads.ncep.noaa.gov/pub/data/nccf/com/petss/prod/>

Any questions, comments or requests regarding this model upgrade should be directed to the contacts below. We will review any feedback and decide whether to proceed.

For questions regarding these model changes, please contact:

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NWS Service Change Notices are available here:
<https://www.weather.gov/notification/>

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