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WEATHER REPORT

Nor'easter: Outer Banks Coastal Flood Warning Now Runs Into Wednesday · Southwest Hail and Arizona Flood Watch · Alaska Snow · Today's Weather Extremes

Tuesday morning, October 20, 2026 · Issued 8:45 AM CT · Operated by Meridian Desk for HailDataHub

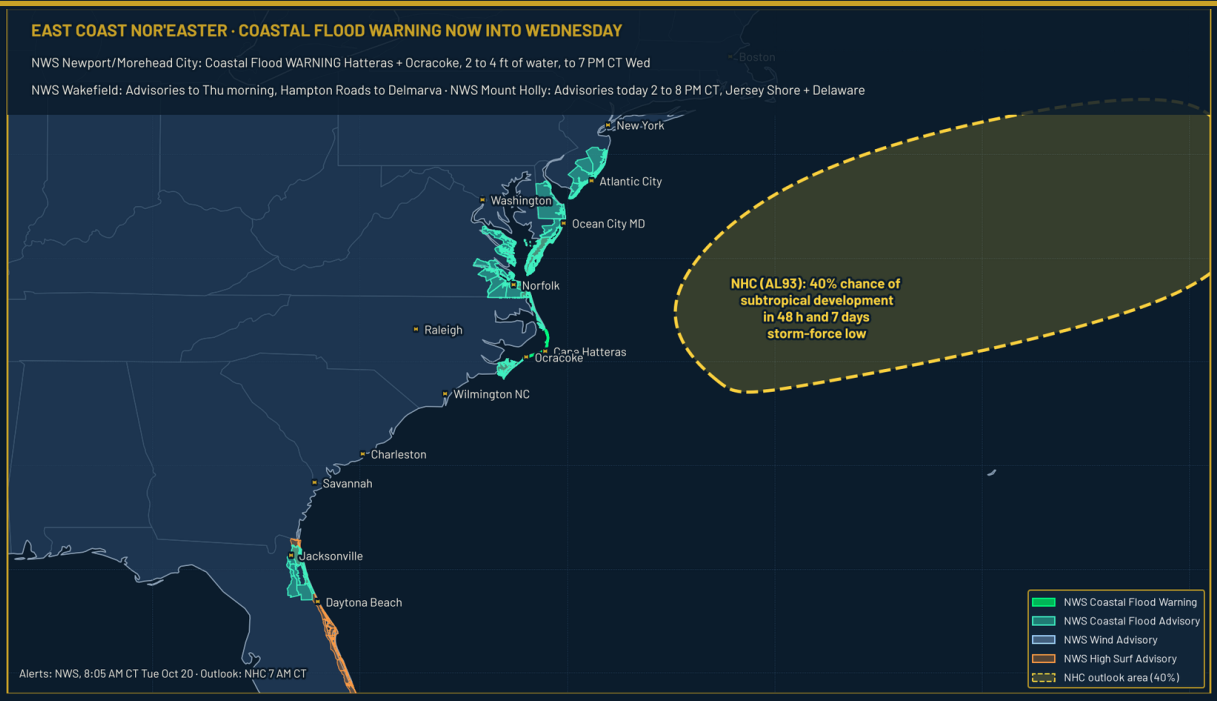
EAST COAST: THE NOR'EASTER HANGS ON OFF NORTH CAROLINA

NWS extended the **Coastal Flood Warning for Hatteras and Ocracoke islands to 7 PM CT Wednesday** (2 to 4 feet of water). On Hatteras and Ocracoke, NWS says be ready to be stranded for multiple days. Tidal flooding reaches the **Jersey Shore and Delaware beaches this afternoon** and **Hampton Roads and Delmarva into Thursday**. NHC now gives the low a **40% chance in 48 hours** of turning subtropical.

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EAST COAST NOR'EASTER

NWS (8:05 AM CT): Coastal Flood Warning Hatteras + Ocracoke to 7 PM CT Wed · tides into Thu · NHC 40%



haildatahub.com · Full report · NWS / WPC / SPC / NOAA NHC

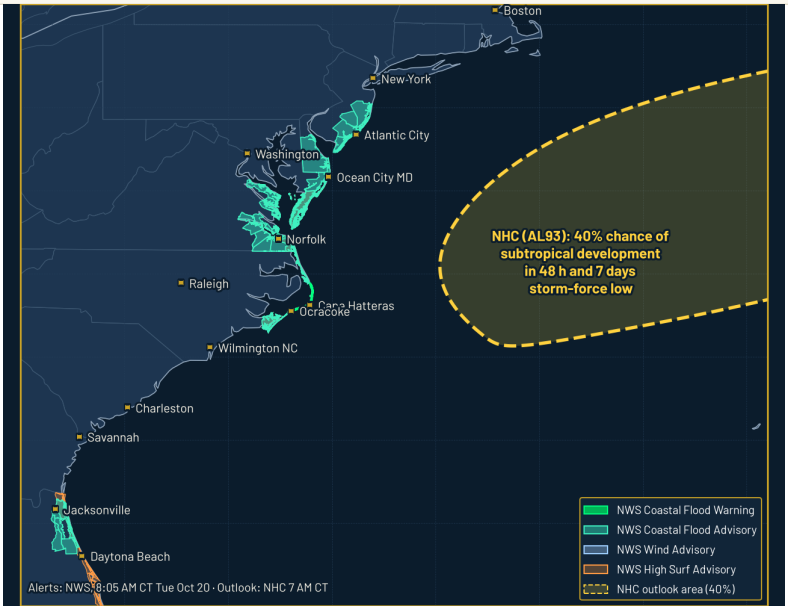
Also this morning: storms dropped **1.25-inch hail near Deming, New Mexico, and in southeast Arizona**, with an emergency-manager-confirmed tornado west of Deming, and **Flood Watches** cover most of Arizona Wednesday into Thursday. **Alaska** has 4 Winter Storm Warnings. **Super Typhoon Champi** (about 155 mph) is far from U.S. land. In Illinois, only morning fog. Plus today's weather extremes, coldest to hottest.

haildatahub.com · Sources: NWS alerts 8:05 AM CT · NHC outlooks 7 AM CT · WPC 3:08 AM CT · SPC reports · JTWC 024 · Dare County · station reports

1 · East Coast nor'easter (lead)

Safety first: Same storm, longer stay. The warning for Hatteras and Ocracoke now runs through Wednesday, and NWS says the high tides through Thursday could run higher than what we have seen so far.

Item	Official (NHC, WPC, NWS; alerts as of 8:05 AM CT)
The storm	**NHC Atlantic outlook (7 AM CT):** a storm-force non-tropical low a few hundred miles off the North Carolina coast is still attached to a front. Over the next couple of days, as it moves slowly north-northeast over the Gulf Stream, it could briefly gain **subtropical** traits: **40% in 48 hours, 40% in 7 days**. It should speed northeast, away from the U.S., by the end of the week. High winds, coastal flooding and dangerous surf happen either way. **WPC (3:08 AM CT):** the low will strengthen as it drifts north, with coastal flooding, dangerous seas and beach erosion at high tide from **southern New Jersey to the North Carolina coast** and gusts over 40 mph on the immediate coast, especially the Outer Banks.
North Carolina	**NWS Newport/Morehead City: Coastal Flood WARNING** for **Hatteras Island** and **Ocracoke Island**, 2 to 4 feet of water above ground in low spots, now **until 8 PM EDT (7 PM CT) Wednesday**. **Wind Advisory** for the Outer Banks, gusts to **45 mph**, until 11 PM CT tonight. High Surf: 9 to 13 ft on Hatteras (to 5 AM CT Thursday), 6 to 9 ft on Ocracoke (to 7 AM CT Wednesday). Coastal Flood Advisories: northern Outer Banks (1 to 3 ft, to 7 PM CT Wednesday) and East Carteret (1 to 2 ft, to 7 PM CT today). **Briefing #11:** high tides through Thursday may run higher than so far; on Hatteras and Ocracoke, prepare to be stranded for multiple days.
Outer Banks access	Check **DriveNC.gov (NCDOT)** for NC 12 road status before driving. **Dare County Bulletin #4:** the Hatteras Island visitor evacuation remains in place; ferry disruptions may last into midweek.
Virginia + Maryland	**NWS Wakefield** (Monday's watches are now advisories): Virginia Beach and eastern Currituck up to 1 ft, to 9 AM CT Thursday; Norfolk, Chesapeake, Portsmouth, Suffolk, Hampton, Newport News, Isle of Wight, James City, Surry and Charles City up to 1 ft, to noon CT Thursday; Maryland beaches and the Virginia Eastern Shore 1 to 2 ft, 11 AM CT today to 9 AM CT Thursday; Northern Neck and Middle Peninsula up to 1 ft, 4 PM CT today to 2 PM CT Thursday. High Surf 7 to 12 ft into Thursday.
New Jersey + Delaware	**NWS Mount Holly:** Coastal Flood Advisories **2 to 8 PM CT today**, up to half a foot of water in Ocean, Atlantic, Cape May and SE Burlington counties, Kent County and the Delaware beaches. More high-tide alerts are likely after this evening.
Florida	**NWS Jacksonville:** Coastal Flood Advisories to 3 AM CT Thursday; High Surf 5 to 7 ft to 1 AM CT Wednesday. **NWS Melbourne:** the St. Johns River near Astor is in **moderate flood**.



Map: HailDataHub from NWS coastal flood, wind and surf products (api.weather.gov, 8:05 AM CT) and the NHC outlook area (GIS, 7 AM CT). Cancelled and replaced alerts removed.

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Official sources: NWS · WPC · SPC · NOAA NHC · JTWC · Dare County. Act on local official guidance.

Who's in the path

- **Hatteras and Ocracoke islands:** the highest water, 2 to 4 ft, at each high tide through Wednesday
- **Northern Outer Banks:** 1 to 3 ft of water near high tide through Wednesday, gusts to 45 mph today
- **Virginia Beach, Norfolk, Hampton Roads and the Eastern Shore:** shallow tidal flooding at each high tide into Thursday
- **Jersey Shore and Delaware beaches:** minor flooding on the most vulnerable roads this evening, with more likely later in the week

What changed since Monday evening's report (6:10 PM CT): NHC's 48-hour subtropical chance rose to **40%** (it was near 0% Monday morning); the 7-day chance is unchanged at 40%. The Hatteras and Ocracoke warning still ends at 7 PM CT Wednesday. Wakefield's Coastal Flood Watches are now advisories. Since Monday morning, Outer Banks gusts were trimmed from 50 to **45 mph**, and Mount Holly lowered the Delaware beaches from up to 1 ft to up to half a foot for today.

2 · Southwest: hail, a tornado, then a flood watch

Item	Official (SPC preliminary reports; NWS)
Hail	**1.25 in.** (half-dollar) 1 mile west of **Deming, NM**, 7:10 PM CT Monday; **1.25 in.** 18 miles north of **Pirtleville, AZ**, 4:57 PM CT Monday (SPC, 7 AM CT Mon to 7 AM CT Tue)
Tornado	NWS El Paso issued a **Tornado Warning** at 6:50 PM CT Monday for an emergency-manager-confirmed tornado about **8 miles west of Deming**. SPC has not logged a tornado report yet; NWS has not posted a survey
Wind	**77 mph** measured 3 miles NNE of Rodeo, NM; 59 mph near White Sands; power lines down near Douglas, AZ, and Rodeo (SPC)
Flood Watches	**NWS Phoenix, Tucson and Flagstaff:** Flood Watches for most of Arizona from Wednesday into Thursday night, including the **Phoenix metro** (10 PM CT Wednesday to 7 PM CT Thursday) and northern and central Arizona (7 AM CT Wednesday to 1 AM CT Friday)
WPC	Slight Risk of excessive rain Wednesday for central and southern California, and Wednesday to Thursday from southern Utah and Colorado into much of Arizona and New Mexico

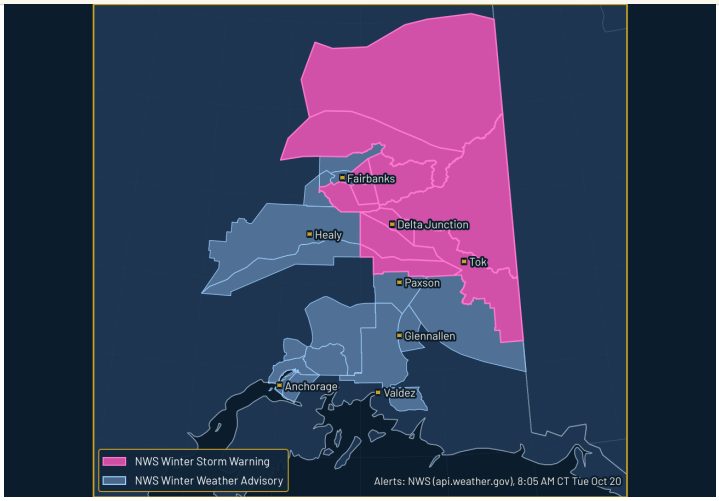


Map: HailDataHub from SPC preliminary storm reports and NWS Flood Watch areas (api.weather.gov). NWS warning text mentioned hail up to 1.75 in.

What changed since Monday evening: Monday evening's report had the 1.25-inch Pirtleville hail; the Deming hail, the Tornado Warning and the 77 mph Rodeo gust came later Monday evening. Arizona Flood Watches are new.

3 · Winter check: Alaska snow; Illinois quiet

Area	Official (NWS alerts as of 8:05 AM CT; times in CT)
Eastern Alaska Range	**Winter Storm Warning:** 24 to 36 in. above 2,500 ft (12 to 24 in. below), to **7 AM CT Thursday** (NWS Fairbanks)
Delta Junction, Upper Tanana, Fortymile	**Winter Storm Warning:** 6 to 12 in., locally 12 to 16 in., to 7 PM CT Wednesday
Yukon Flats, White Mountains, Tanana Flats	**Winter Storm Warnings:** 5 to 11 in. (Yukon Flats, White Mountains, Upper Chena, 1 PM CT today to 7 PM CT Wednesday); 5 to 10 in. (Tanana Flats, Eielson, Salcha)
Fairbanks + Anchorage	**Winter Weather Advisories:** Fairbanks 3 to 7 in. (1 PM CT today to 7 PM CT Wednesday); Anchorage and Mat-Su 2 to 6 in. (to 4 PM CT today); Anchorage Hillside and Eagle River 6 to 12 in.; Thompson Pass 10 to 16 in.
Southeast Alaska	Flood Watches for an atmospheric river (Juneau, Yakutat, Glacier Bay); High Wind Warning for Skagway, gusts to 65 mph (NWS Juneau)
Lower 48 + Illinois	No Lower 48 winter storm alerts. Illinois has only Dense Fog Advisories (McHenry, Lake, DuPage, Cook, Boone and Kane counties until 10 AM CT, NWS Chicago)

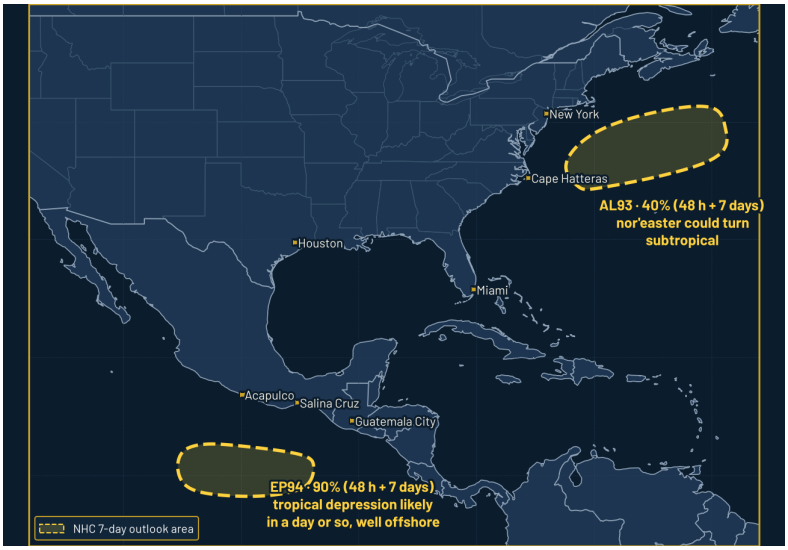


What changed since Monday evening: Monday evening's 24 to 36 in. for the eastern Alaska Range is unchanged. Since Monday morning, Fairbanks moved from a Watch to a Winter Weather Advisory (3 to 7 in.).

4 · Tropics check

Basin	Official (NOAA NHC, JTWC)
Atlantic	No tropical cyclones. The nor'easter (Invest 93L): **40% in 48 hours, 40% in 7 days** (NHC, 7 AM CT). It is not a named storm
Eastern Pacific	Invest 94E, a few hundred miles south of the Gulf of Tehuantepec: **90% in 48 hours**; NHC says a tropical depression is likely to form in the next day or so while it moves west-northwest about 10 mph, **well offshore** of southern Mexico (NHC, 7 AM CT)
Central Pacific	Nothing expected for the next 7 days (NHC/CPHC)
Western Pacific	**Super Typhoon Champi:** about **155 mph** (135 kt), 922 mb, about 704 nautical miles (810 mi) south-southeast of Kadena Air Base, Okinawa, moving WNW at 15 mph (13 kt) (JTWC Warning 024, 4 AM CT). No U.S. land threat

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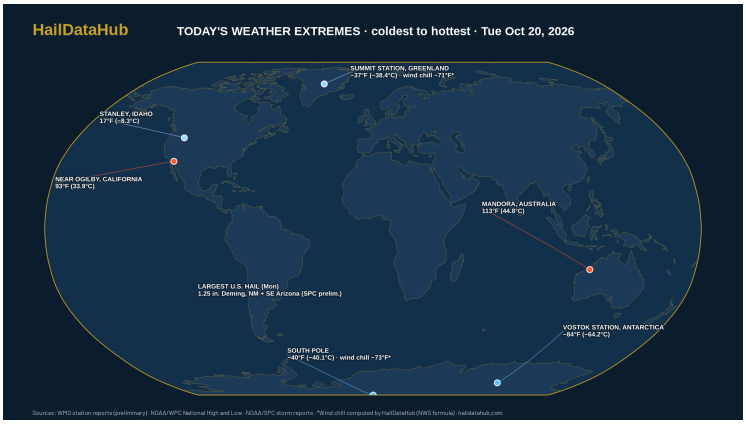
What changed since Monday evening: Eastern Pacific odds rose from 60% to 90% in 48 hours. The Atlantic 48-hour chance is now 40%. Champi held near 155 mph.

5 · Today's Weather Extremes · coldest to hottest

Extreme	Value	Place / station	Time (CT) · source
World low	−64.2°C (−84°F)	Vostok Station, Antarctica (WMO 89606)	12-h minimum ending 00 UTC Oct 20 (7 PM CT Mon) · station report, preliminary
South Pole now	−40.1°C (−40°F); wind 15 kt (17 mph); wind chill −73°F (computed)	Amundsen-Scott South Pole Station (WMO 89009)	12 UTC Oct 20 (7 AM CT) · station report · wind chill computed by HailDataHub (NWS formula)
Greenland now	−38.4°C (−37°F); wind 18 kt (21 mph); wind chill −71°F (computed)	Summit Station, Greenland (WMO 04419)	12 UTC Oct 20 (7 AM CT) · station report · wind chill computed (NWS formula)
U.S. low	17°F	Stanley, ID (tie, 3 sites in ID and MT)	Mon Oct 19 · NOAA/WPC National High and Low, issued 9:30 PM CT Mon (preliminary)
U.S. high	93°F	Near Ogilby, CA (tie, 3 sites in CA and AZ)	Mon Oct 19 · NOAA/WPC National High and Low, issued 9:30 PM CT Mon (preliminary)
World high	44.8°C (113°F)	Mandora, Western Australia	Daily maximum reported 13 UTC Oct 19 (8 AM CT Mon) · station report, preliminary
Largest U.S. hail	1.25 in.	Near Deming, NM, and 18 mi N of Pirtleville, AZ	Mon 4:57 and 7:10 PM CT · SPC storm reports (preliminary)

World values are preliminary, from station rankings, each re-checked against the station's own report. Left out: Dome A, whose sensor has barely changed for days. The WPC product header misprints its date; its page lists the issue time as 0230 UTC Oct 20 (9:30 PM CT Monday), so these are Monday's U.S. values.

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6 · Top Weather Stories (verified)

1) The nor'easter is not a named storm: NHC gives it a 40% chance in 48 hours and 40% in 7 days of turning subtropical; it should speed northeast, away from the U.S., by the end of the week. The coastal flood, wind and surf impacts are the same either way.

2) Super Typhoon Champi: JTWC Warning 024 puts it near **155 mph** (135 kt, gusts near 190 mph), forecast to peak near **180 mph** today, then weaken. Its track passes east of Taiwan toward Japan's southern islands by Friday. PAGASA (Philippines), which calls it Super Typhoon Rosal, has Wind Signal No. 1 up for Batanes and parts of Luzon. No U.S. land threat.

3) The UK names its first storm of the season: the Met Office named **Storm Austen**, with a yellow wind warning from midnight to midday Friday, Oct. 23 (UK time) for southwest and southern England and south Wales: gusts of 50 to 60 mph, and 70 mph or more on exposed coasts.

4) Southwest rain: after Monday's hail and tornado near Deming, WPC flags a Slight Risk of flooding rain Wednesday in southern California and Wednesday into Thursday across Arizona and New Mexico.

7 · What customers should do

- **Outer Banks:** check DriveNC.gov for NC 12 before you go; do not drive around barricades. Move vehicles to higher ground and stay off the beach near high tide
- **Hampton Roads, Delmarva and the Jersey Shore:** plan for flooded streets at high tide through Thursday; never drive through water on the road
- **Arizona and New Mexico:** watch for flash flooding Wednesday and Thursday; do not enter flooded washes
- **Interior Alaska:** delay travel during the heaviest snow today and Wednesday, and carry winter gear
- **After wind, flood or hail damage:** photograph roofs, siding, fences, windows and vehicles from several angles before cleanup, note the date and time, keep receipts, make only temporary repairs, then call your insurer

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HailDataHub is not NOAA and not an insurer. Always act on local NWS, NHC and emergency-management guidance.

8 · Sources (clickable)

NHC Atlantic Tropical Weather Outlook **www.nhc.noaa.gov/text/MIATWOAT.shtml**	**NHC outlook graphics (Atlantic)** www.nhc.noaa.gov/gtwo.php?basin=atlc
NHC outlook GIS areas **www.nhc.noaa.gov/xgtwo/gtwo_shapefiles.zip**	**NHC Eastern Pacific outlook** www.nhc.noaa.gov/text/MIATWOEP.shtml
CPHC Central Pacific outlook **www.nhc.noaa.gov/text/HFOTWOCP.shtml**	**WPC Short Range Discussion** www.wpc.ncep.noaa.gov/discussions/hpcdiscussions...

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WPC Excessive Rainfall Outlooks www.wpc.ncep.noaa.gov/qpf/excess_rain.shtml	**NWS Newport/Morehead City alerts** forecast.weather.gov/wwamap/wwatxtget.php?cwa=mh...
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NWS Melbourne alerts forecast.weather.gov/wwamap/wwatxtget.php?cwa=ml...	**Dare County Bulletin #4** www.darenc.gov/Home/Components/News/News/9678/17
DriveNC (NCDOT) road conditions drivenc.gov/	**SPC storm reports (yesterday)** www.spc.noaa.gov/climo/reports/yesterday.html
NWS El Paso Tornado Warning text (Oct 19) kamala.cod.edu/offs/KEPZ/2610192350.wfus54.html	**NWS El Paso alerts** forecast.weather.gov/wwamap/wwatxtget.php?cwa=ep...
NWS Phoenix alerts forecast.weather.gov/wwamap/wwatxtget.php?cwa=ps...	**NWS Tucson alerts** forecast.weather.gov/wwamap/wwatxtget.php?cwa=tw...
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NWS Chicago alerts forecast.weather.gov/wwamap/wwatxtget.php?cwa=lo...	**NWS active alerts (API)** api.weather.gov/alerts/active
JTWC Warning 024, Champi (29W) www.metoc.navy.mil/jtwc/products/wp2926web.txt	**PAGASA tropical cyclone bulletin** www.pagasa.dost.gov.ph/tropical-cyclone/severe-w...
WPC National High and Low www.wpc.ncep.noaa.gov/discussions/hpcdiscussions...	**Met Office: Storm Austen named** www.metoffice.gov.uk/about-us/news-and-media/med...
HailDataHub storm article haildatahub.com/gulf-tropics-weather-update/	**HailDataHub alerts** haildatahub.com/alerts/

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