

DAILY THREAT REPORT

Fortune Favors the Prepared | Intelligence Operations Division
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⚠️ PREPAREDNESS CONDITION 3 -- BROWN SKY -- INCIDENT PROBABLE ⚠️

Op Epic Fury Day 187 | Hormuz Day 187 | IRAN STRIKES KILL CIVILIANS AT WEDDING, IRAN
RETALIATES ON FOUR SITES | PREP-CON 3 BROWN SKY | See [Section 10](#)

COMMUNICATIONS CONDITION: COMCON 4 -- INCREASED VIGILANCE

COMCON 4 INCREASED VIGILANCE. See [CYB-001](#) and [Section 10](#) for full detail.

WX-CON 3 GUARDED. See [WX-001](#) and [Section 10](#) for full detail.

Wildfire: see [WX-002](#) / [Section 7B](#).

SWX-CON STAND-DOWN, Kp4 ARC CLOSED 30-AUG

Source: NOAA SWPC swpc.noaa.gov

Publication (UTC)	02 SEP 2026 1600 UTC
Reporting Period	01-SEP-2026 1600Z through 02-SEP-2026 1300Z
Analyst / Watch Officer	Fortune Favors the Prepared -- OSINT Desk
PREP-CON Baseline	PREP-CON 3 -- BROWN SKY COMCON 4 -- INCREASED VIGILANCE WX-CON 3 GUARDED SWX-CON STAND-DOWN, Kp4 ARC CLOSED 30-AUG
Version	SOP v5.64 Addendum Registry v2.25, 56 mandatory (22 returned new findings, 12 confirmed NSTR, 22 not independently pulled this cycle -- full disposition in Section 12) Standing Rules R-0 through R-41 (R-42 proposed, pending operator ruling)

BOTTOM LINE UP FRONT

02 SEPTEMBER 2026 | PREP-CON 3 BROWN SKY, HELD | COMCON 4 INCREASED VIGILANCE | SWX-CON STAND-DOWN | Op Epic Fury / Hormuz Day 187 | CENTCOM COMPLETED A STRIKE WAVE ON IRGC TARGETS 01-SEP THAT IRAN SAYS KILLED CIVILIANS AT A WEDDING IN KUHESTAK, SIRIK; IRAN RETALIATED OVERNIGHT INTO 02-SEP WITH MISSILE AND DRONE STRIKES ON US-LINKED SITES IN JORDAN, BAHRAIN, KUWAIT AND ERBIL, THE WIDEST SIMULTANEOUS RETALIATION OF THE CONFLICT TO DATE. Iranian casualty claims rose from 4-5 dead/60-68 wounded (01-SEP) to Iran's own claim of 11 dead nationwide (02-SEP); CENTCOM has not commented on the wedding claim. A tanker was struck by three unidentified projectiles near Khasab, Oman 01-SEP (UKMTO) -- fire controlled, no casualties. TROPICAL STORM EDOUARD MADE LANDFALL near Johnson Bayou, LA at 1420 CT 01-SEP (60mph), weakened to a tropical depression by evening and is dissipating over Texas today; peak outages of roughly 71,000 TX customers are down to roughly 56,800 this morning. Hurricane Karina remains Category 4 in the Eastern Pacific (weakening trend), with two new Pacific systems now active -- Hurricane Lowell (Central Pacific, major) and Tropical Storm Marie (Eastern Pacific). An electron-flux alert chain (ALTEF3, serial 3733, 02-SEP) has been running continuously since 31-AUG -- a satellite-charging risk distinct from the Kp4 arc that closed 30-AUG; SWX-CON tier is unchanged pending operator review. NIFC direct pull (dated 01-SEP, one read, second confirmatory read still owed): NPL 5, 3,928,914 acres/87 large fires, 21,268 personnel, YTD 8,262,025 acres/52,466 fires. Brent crude \$94.86/bbl (Trading Economics, 02-SEP, +0.23% day), up on the Iran escalation. This

edition reflects a substantially expanded sweep -- 22 of 56 mandatory sources returned new findings, 12 confirmed NSTR, 22 not independently pulled this cycle (see Section 12).

THE CYCLE - QUICK LOOK

- **GEO-CF-IRAN: FOUR-SITE RETALIATION.** CENTCOM's 01-SEP strike wave on IRGC targets allegedly killed civilians at a wedding in Kuhestak, Sirik; Iranian casualty claims rose from 4-5 dead (01-SEP) to 11 dead nationwide (02-SEP), unconfirmed by CENTCOM. Iran retaliated overnight into 02-SEP with missile/drone strikes on Jordan, Bahrain, Kuwait and Erbil -- roughly 25 missiles at Jordan (10 intercepted), roughly 20 drones at Bahrain (mostly intercepted), 2 drones downed at Erbil. Brent \$94.86/bbl (+0.23% day, 02-SEP).
- **NUC-001: IAEA Blackout Day 186.** No IAEA statement, Board action or facility strike located this sweep; 440.9 kg of 60%-enriched UF6 remains unverified since GOV/2026/8 of 27-FEB-2026, and Pickaxe Mountain remains uninspected. Not directly re-pulled this cycle -- carried, day counter rolled forward only.
- **CYB-001: NSTR ON NEW KEV ENTRIES; NEW ICS ADVISORY.** No CISA KEV additions dated 01/02-SEP located -- most recent remains the 26-AUG six-vulnerability batch plus the 31-AUG PaperCut pair. New this cycle: ICSA-26-244-05 (01-SEP), warning of threat actors actively targeting Siemens S7-series PLCs. Catalogue count still not independently re-derived -- direct JSON/CSV pull still needed.
- **SWX-001: KP4 ARC STILL CLOSED; SEPARATE ELECTRON-FLUX ALERT RUNNING.** The Kp4 Persistence chain remains closed since 30-AUG without reaching G1/G2 -- SWX-CON STAND-DOWN holds on that basis. Direct alerts.json check this cycle confirms an ongoing ALTEF3 electron 2MeV flux alert (serial 3733, issued 02-SEP 1014Z, continuation since serial 3731 on 31-AUG, yesterday's max 1201 pfu) -- a satellite-charging risk distinct from the Kp/geomagnetic condition. Recommend Section 7A carry this as a standing note; does not itself change SWX-CON tier.
- **WX-002: ACREAGE AND PERSONNEL BOTH EASE; SECOND READ STILL OWED.** NIFC's 01-SEP edition (direct pull, one read only -- R-40 second confirmatory read still owed): NPL 5 (unchanged since 18-JUL), 87 large fires (down from 93 on 31-AUG), 3,928,914 acres active (down from 3,946,886), 21,268 personnel assigned (down from 22,434). YTD reached 8,262,025 acres / 52,466 fires. Largest active fires remain concentrated Oregon (Big Grass 578,637ac/94pct, Rowe Creek Complex 373,927ac/96pct) and Washington (Kaiser Canyon 138,293ac/99pct); Idaho and Montana carry the highest fire counts (13, 11) at smaller average size, consistent with the northward shift flagged last cycle.
- **PHS-002: DAY 109, NSTR.** No WHO DON or ECDC update newer than the 5,945 confirmed cases / 2,862 deaths figure (data to 28-AUG) already carried located this cycle -- direct WHO/ECDC fetch still owed. Figures held, day counter rolled forward only.
- **TROP-001: EDOUARD CONCLUDED; THREE PACIFIC SYSTEMS NOW ACTIVE.** Edouard made landfall near Johnson Bayou, LA at 1420 CT 01-SEP (60mph, 996mb), weakened to a tropical depression by evening and is dissipating over Texas today -- peak outages of roughly 71,000 TX customers (mostly Jefferson County/Beaumont) down to roughly 56,800 this morning; several school districts closed a second day. Hurricane Karina (Eastern Pacific) remains Category 4, weakening-trend forecast, no land threat. New this cycle: Hurricane Lowell (Central Pacific, major hurricane, no Hawaii threat currently forecast) and Tropical Storm Marie (Eastern Pacific).

SECTION INDEX

SECTION	KEY ENTRIES / THREAT DRIVERS
SEC 2 - Market Indicators	Commodity tracker: Brent \$94.86/bbl (Trading Economics, 02-SEP, +0.23% on the day, highest since late July on the Iran escalation); AAA regular \$4.0954/gal -- identical to the 01-SEP figure, flagged as possibly a stale site cache rather than confirmed-unchanged, re-check recommended. WTI/RBOB not re-pulled this cycle.
SEC 3 - FLASH Events	GEO-CF-IRAN: FOUR-SITE RETALIATION 02-SEP. CENTCOM's 01-SEP strikes on IRGC targets allegedly killed civilians at a wedding in Kuhestak, Sirik (Iranian claims 4

SECTION	KEY ENTRIES / THREAT DRIVERS
	to 11 dead, unconfirmed); Iran retaliated with missile/drone strikes on Jordan, Bahrain, Kuwait and Erbil overnight into 02-SEP. Brent \$94.86/bbl.
SEC 4A - Cyber / Technology	CYB-001: two new KEV entries dated 31-AUG (PaperCut NG/MF, CVE-2026-81578/82078, chainable) confirmed via direct CISA advisory. All five 27-28 AUG deadlines closed with no reported federal compromise. Full catalogue total not independently re-derived this cycle.
SEC 4B - Physical / Geopolitical / IO	TROP-001: TROPICAL STORM EDOUARD FORMED 31-AUG. The Gulf disturbance carried at 70 percent development chance last cycle organized and was named; Tropical Storm Warning up for the upper TX/SW LA coast, landfall expected near Port Arthur Tuesday evening. The 31-AUG development forecast VERIFIED -- see Section 7D for full detail.
SEC 5 - Energy / Infrastructure / Supply Chain	ENR-001 Brent \$94.86/bbl (Trading Economics, 02-SEP, +0.23% day, highest since late July) as markets price CENTCOM's strike wave, the disputed wedding-strike claim and Iran's four-site retaliation. Crude/WTI carried at \$86.57/bbl from 01-SEP, not independently re-pulled this cycle -- spread not restated as current. AAA gasoline re-pulled this cycle (\$4.0954/gal) but identical to the 01-SEP figure -- flagged unconfirmed-unchanged. Diesel (\$5.6105/gal) still not re-pulled, now three cycles stale.
SEC 6 - Aviation / Transportation	AVN-001: the lapse risk flagged last cycle is CLOSED. EASA renewed CZIB-2026-07R1 (Persian Gulf/Gulf of Oman) on 31-AUG, now valid to 30-SEP, unchanged geography (Bahrain/Kuwait/Qatar/UAE FIRs plus Oman Muscat FIR west of 58 deg E). The other four Middle East bulletins (Jordan, Lebanon, Iraq, Iran) were not independently re-checked this cycle.
SEC 7 - Meteorological / Severe Weather / Fire Weather + NWR	WX-001: directly re-verified 01-SEP. Heat Advisories/Extreme Heat Warnings now cover 17 states (southern Plains through the Midwest, Ohio Valley and Mid-Atlantic), heat indices to 110F -- the prior 3-cycle decline framing DID NOT VERIFY and is withdrawn. SPC carries a SLIGHT risk of severe storms, central/northern Plains and Midwest into PA/NY/NJ, up from MARGINAL.
SEC 7B - Wildfire Report	WX-002: 87 large fires / 3,928,914 acres on the NIFC 01-SEP edition (single direct read this cycle -- R-40 second confirmatory read still owed). Down from 93/3,946,886 on 31-AUG; personnel down to 21,268. Red Flag geography carried, not re-pulled this cycle.
SEC 7A - Space Weather and EMCOMM	SWX-001: KP4 ARC CONFIRMED CLOSED; ELECTRON-FLUX ALERT RUNNING SINCE 31-AUG. Direct alerts.json check this cycle confirms no WARK04 serial newer than 5410 (30-AUG). Separately confirmed: an ongoing ALTEF3 electron-flux alert (serial 3733, 02-SEP) active continuously since 31-AUG -- see Sec 7C.
SEC 7D - Tropical / Hurricane Weather	EDOUARD CONCLUDED. Made landfall near Johnson Bayou, LA 1420 CT 01-SEP (60mph), weakened to a tropical depression by evening, dissipating over TX today; TX outages down to ~56,800 from a ~71,000 peak. Hurricane Karina (E. Pacific) Cat 4, weakening trend, no land threat; new this cycle: Hurricane Lowell (Central Pacific, major) and Tropical Storm Marie (E. Pacific).
SEC 10 - PREP-CON Assessment	PREP-CON 3 BROWN SKY (Incident Probable) / COMCON 4 INCREASED VIGILANCE / WX-CON 3 GUARDED, closed at 3 on 13-AUG / SWX-CON STAND-DOWN, Kp4 ARC CLOSED 30-AUG. Seventeen NWR transmitters are impaired - 14 out of service and 3 degraded across 11 states - on the operator-supplied roster of 31-AUG 01:25:27 GMT.
SEC 12 - Source Registry	Registry v2.25 638 total sources priority sweep of check-first items and core tracked entries, not the full scripted 59-source pipeline -- 16 of 59 mandatory sources touched, expanded across the day (direct pulls, search-based, and 2 operator-supplied), remainder carried from 31-AUG or not attempted. R-31 Monday 638-source rollup remains overdue. See full list below.

GEOGRAPHIC IMPACT INDEX

REGION / THEMATIC	KEY ENTRIES / THREAT DRIVERS
CONUS - Illinois / Wabash Valley (FLOOD WARNINGS)	WX-001 The Wabash River flood warning at Riverton (IL/IN border) EXPIRED 31-AUG 1100 CDT and has not been renewed. No active Lancaster County, PA flood warning is in force. Today's Pennsylvania flash-flood activity is in Erie County (NW PA, NWS Cleveland, warnings issued this morning), not yet assessed for DTR relevance.
Atlantic / Eastern Pacific	TROP-001 Tropical Storm Edouard formed 31-AUG in the Gulf (the 70 percent development call VERIFIED); TS Warning up for the upper TX/SW LA coast, landfall near Port Arthur Tuesday evening. Hurricane Karina (E. Pacific) is Cat 4, no land threat, producing rip-current risk Baja/SW Mexico/So. California through 2-3 SEP.
CONUS - Carolinas / Southeast Virginia / Coastal Georgia (SLIGHT)	CARRIED FROM 28-AUG, NOT RE-VERIFIED: WPC Day 1 Excessive Rainfall Outlook (updated 0808 UTC 28-AUG, valid 12Z 28-AUG to 12Z 29-AUG -- that validity window has PASSED) placed SLIGHT across the coastal Carolinas into southeast Virginia and coastal Georgia. This product is stale by definition; a fresh WPC/SPC pull is needed before this row can be republished as current. General reconnaissance for 31-AUG instead shows severe storms outlooked from the eastern Great Lakes into southern New England and the Mid-Atlantic through Tuesday.
CONUS - Idaho / NV-CA Sierra Front (RED FLAG)	WX-002 THE GEOGRAPHY MOVED AGAIN, NORTH. Active Red Flag Warnings 01-SEP sit in southeastern Idaho (Sawtooth Range/Northern Sawtooth NF, lightning-driven) and the NV/CA Sierra Front (Carson City/Douglas/Storey/Washoe/Lyon/Lassen counties, wind and low humidity). The all-California picture carried through 31-AUG has cleared; the fire-weather signal now tracks the fire geography rather than diverging from it.
CONUS - Industrial Control Systems	CYB-004 WITHDRAWN ON 28-AUG UNDER R-23, REMAINS WITHDRAWN. The Iran-linked water and wastewater OT campaign reached 24 days without a confirming CISA, FBI or EPA product as of that date and was withdrawn rather than carried further; no re-opening trigger identified in this cycle's sweep. RE-OPENING TRIGGER: any named CISA, FBI or EPA advisory identifying Iran-linked intrusion against US water or wastewater operational technology, or a utility-confirmed OT compromise.
CONUS - Nationwide Wildfire	WX-002 NPL 5 of 5 since 18-JUL-2026, direct pull this cycle (single read, second confirmatory read still owed). NIFC's 01-SEP edition: 87 large fires (down from 93), 3,928,914 acres active (down from 3,946,886), 21,268 personnel (down from 22,434).
CONUS - Nationwide (All Regions)	CYB-001 No new KEV entries dated 01/02-SEP located; most recent remains the 26-AUG six-vulnerability batch plus the 31-AUG PaperCut pair. New ICS advisory ICSA-26-244-05 (01-SEP) warns of active targeting of Siemens S7-series PLCs. Catalogue running total still not independently re-derived this cycle.
Middle East / Strait of Hormuz	GEO-CF-IRAN: FOUR-SITE RETALIATION. CENTCOM's 01-SEP strike wave on IRGC targets allegedly killed civilians at a wedding in Kuhestak, Sirik; Iranian casualty claims rose from 4-5 dead (01-SEP) to 11 dead nationwide (02-SEP), unconfirmed by CENTCOM. Iran retaliated overnight into 02-SEP with missile/drone strikes on Jordan (roughly 25 missiles, 10 intercepted), Bahrain (roughly 20 drones, mostly intercepted), Kuwait and Erbil (2 drones downed). Brent \$94.86/bbl (02-SEP). A tanker was separately struck by three unidentified projectiles near Khasab, Oman 01-SEP (UKMTO) -- no casualties, investigation open.

REGION / THEMATIC	KEY ENTRIES / THREAT DRIVERS
Iran / Nuclear	NUC-001 IAEA Blackout Day 186 (carried, not directly re-pulled this cycle -- day counter rolled forward only). No IAEA statement, Board action or nuclear-facility strike located this sweep. Pickaxe Mountain remains unstruck and uninspected.
DRC	PHS-002 Ebola PHEIC Day 109, NSTR. No WHO DON or ECDC update newer than the already-carried 5,945 confirmed cases / 2,862 deaths (data to 28-AUG) located this cycle -- direct WHO/ECDC fetch still owed. Figures held, day counter rolled forward only.
Uganda	PHS-002 CLOSED. Uganda's Ministry of Health declared the outbreak over on 28-JUL and WHO declared it over on 26-AUG following the 42-day countdown. Twenty confirmed cases, two deaths, last case 21-JUN. This replaces the unsourced 42-day claim withdrawn on 27-AUG.
Strait of Hormuz / Gulf of Oman	MAR-001 Iran's four-site retaliation overnight into 02-SEP followed CENTCOM's 01-SEP strikes near the Strait (see GEO-CF-IRAN); a tanker was struck by three unidentified projectiles 17NM east of Khasab, Oman 01-SEP (UKMTO) -- fire controlled, no casualties, investigation open. MARAD Advisory 2026-004 status not independently re-pulled this cycle. Energy Secretary Wright reported 17 million barrels transited Hormuz on 01-SEP, the highest since the conflict began. GPS/GNSS jamming and spoofing remain a persistent standing condition across the Gulf theater, not independently re-pulled from gpsjam.org this cycle.
Horn of Africa / Gulf of Aden	SEIS-001 No M6.0 or greater earthquake was confirmed for the 29-31 AUG window in this sweep; largest events located were M4.0-4.8 (Japan, Alaska, Russia, Greece). This is a lighter-touch web check, not a direct USGS feed pull. The 27-AUG Somalia M6.0 and Flores Sea cluster figures carried previously are NOT restated as current.

SECTION 2 - MARKET INDICATORS

COMMODITY TRACKER - WAR IMPACT vs. PRE-WAR BASELINE (28 FEB 2026) -- updated 02-SEP-2026

COMMODITY	PRE-WAR (28 FEB)	CURRENT (02-SEP)	CHG vs PRE-WAR	CONSUMER / ANALYTICAL NOTE
Brent Crude (front)	~\$66/bbl	\$94.86/bbl (02-SEP)	+44%	48-HOUR DELTA: Trading Economics marks Brent at \$94.86/bbl on 02-SEP, UP 0.23 percent on the day and the highest level since late July, as markets price the CENTCOM strike wave, the disputed wedding-strike claim and Iran's four-site retaliation.
WTI Crude (front)	~\$63/bbl	\$86.57/bbl (Trading Economics, 01-SEP - not independently re-pulled this cycle, carried)	+35%	48-HOUR DELTA: NOT INDEPENDENTLY RE-PULLED THIS CYCLE. WTI figure carried from 01-SEP; a fresh same-publisher pull is owed before restating the Brent/WTI spread as current.
Gasoline (natl avg)	~\$3.10/gal	\$4.0954/gal (AAA, 02-SEP pull -- identical to 01-SEP figure)	+32%	RE-PULLED THIS CYCLE, IDENTICAL FIGURE. AAA regular shows \$4.0954/gal again on 02-SEP -- same number as 01-SEP. This may mean prices genuinely held, or that AAA's page has not

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COMMODITY	PRE-WAR (28 FEB)	CURRENT (02-SEP)	CHG vs PRE-WAR	CONSUMER / ANALYTICAL NOTE
				refreshed; treat as unconfirmed-unchanged rather than confirmed-unchanged pending a cross-check against a second gas-price source next cycle.
Diesel (US No. 2)	~\$3.74/gal	\$5.6105/gal (AAA, 31-AUG, CARRIED - not re-pulled)	+50%	CARRIED FROM 31-AUG, NOT RE-PULLED THIS CYCLE -- now two consecutive cycles stale. AAA had on-highway diesel at \$5.6105/gal on 31-AUG (itself carried from 28-AUG). Direct re-pull is overdue before this figure can be republished as current.
Ocean Freight / Maritime	Rates elevated	War-risk premium 7.5-10% of hull value against a pre-war 1-3%	Worsening	MARAD Advisory 2026-004 remains Active (direct pull, thru 09-SEP). A tanker was struck by unknown projectiles in the southern Strait 01-SEP per UKMTO; Iranian claims of a separate mine strike and bulk-carrier seizure near Bandar Abbas are disputed by CENTCOM -- not adopted as fact. Prior route status carried from 28-AUG, not re-verified.

SECTION 3 - FLASH EVENTS (Score >= 20)

GEO-CF-IRAN Op Epic Fury / Hormuz Day 187 IRAN STRIKES KILL CIVILIANS AT WEDDING; IRAN RETALIATES ON FOUR US-LINKED SITES		FLASH UPDATED 28
Why This Cycle	CENTCOM's 01-SEP strike wave on IRGC targets allegedly killed civilians at a wedding in Kuhestak, Sirik per Iranian officials; Iran retaliated overnight into 02-SEP with missile and drone strikes against US-linked sites in Jordan, Bahrain, Kuwait and Erbil -- the widest simultaneous retaliation of the conflict to date.	
Summary	CENTCOM said 01-SEP it completed a "wave of strikes" on IRGC air defense, radar, maritime, mine-laying and communications targets, citing Iranian attempts to mine the Strait and a prior attack on US personnel. Iran's Foreign Ministry says the strikes hit a wedding in Kuhestak, Sirik, Hormozgan province; Iranian casualty figures moved over 24 hours from an initial 4-5 dead/60-68 wounded (deputy governor, Red Crescent) to Iran's own 02-SEP claim of 11 dead nationwide -- CENTCOM has not commented on the wedding claim, and both figures are carried as Iranian-attributed claims, not verified fact. Iran retaliated overnight into 02-SEP with strikes on US-linked sites in Jordan, Bahrain, Kuwait and Erbil, Iraq; US officials cited by Axios and Fox say roughly 25 ballistic missiles were fired at Jordan (about half reaching its airspace, 10 intercepted, 3 falling without injury) and roughly 20 drones at Bahrain, mostly intercepted, plus 2 drones downed at Erbil. A residential complex in Kuwait was struck by what Kuwaiti officials called an enemy drone; Bahrain remains on a potential-threat alert. IRGC's Khatam al-Anbiya Central Headquarters says operations continue "until they regret their actions" and warns of a stronger response if US strikes continue. Separately, a tanker was struck by three unidentified projectiles 17NM east of Khasab, Oman on 01-SEP (UKMTO) -- fire controlled, no casualties, investigation open. Brent \$94.86/bbl (+0.23% day, Trading Economics, 02-SEP), up on the escalation from the prior cycle's close.	
SALUTE	SIZE: Iran fired roughly 25 ballistic missiles at Jordan and roughly 20 drones at Bahrain overnight into 02-SEP, plus additional missile/drone fire at Kuwait and two drones at Erbil; US officials characterize most as intercepted or falling without effect.	

ACTIVITY: CENTCOM completed a multi-target strike wave against IRGC air defense, radar, maritime, mine-laying and communications infrastructure 01-SEP; Iran's Foreign Ministry alleges the strikes hit a wedding; Iran retaliated with coordinated strikes on Jordan, Bahrain, Kuwait and Erbil overnight into 02-SEP.

LOCATION: Kuhestak, Sirik (Hormozgan province, Iran); Jordan, Bahrain, Kuwait and Erbil (Iraq) as retaliation targets; Strait of Hormuz tanker incident near Khasab, Oman. Day 187.

TIME: CENTCOM strikes 01-SEP; wedding-strike casualty claims escalating through 01-02 SEP; Iranian four-country retaliation overnight into 02-SEP; tanker incident 01-SEP (UKMTO).

EQUIPMENT: Iran: ballistic missiles, one-way attack drones, IRGC air-defense and mine-laying assets (subject of the 01-SEP US strikes). United States and partners: Patriot and other air-defense intercept systems (Jordan, Bahrain, Kuwait), fighter intercepts at Erbil.

UNIT: US Central Command; Iran's IRGC and Khatam al-Anbiya Central Headquarters; Iran's Foreign Ministry (spokesperson Esmail Baqaei); Jordanian, Bahraini and Kuwaiti defense ministries; UKMTO.

Analyst Assessment

The prior cycle's forecast of a further kinetic exchange has escalated beyond a single retaliatory strike into simultaneous action against four US-linked locations, the broadest single-night pattern of this conflict to date. A US official's characterization of the Iranian response as having "failed" suggests Washington assesses this round as contained, but Iranian casualty claims from the wedding strike are rising hour to hour and are the more likely driver of further escalation than the intercepted missile and drone volleys themselves. Iranian casualty figures are Iranian-government-attributed and not independently confirmed; CENTCOM has not addressed the wedding-strike claim directly as of this cycle.

LIKELIHOOD: likely. **CONFIDENCE:** MODERATE. Iran conducts at least one further retaliatory strike against a US-linked target before the next cycle -- the Khatam al-Anbiya statement explicitly frames 01-SEP operations as continuing, not concluding, until Iran assesses the US has "regretted" its actions.

LIKELIHOOD: [PRIOR FORECAST VERIFIED: "a further US or Iranian kinetic action in or near the strait occurs before the next cycle" -- Iran's 02-SEP four-country retaliation confirms this decisively.] **NEW FORECAST -- LIKELIHOOD:** roughly even chance. **CONFIDENCE:** LOW. CENTCOM or another US official directly addresses the Kuhestak wedding-strike casualty claim (confirm, deny, or under investigation) before the next cycle -- no comment given despite the claim circulating over 24 hours and gaining wide international pickup (Reuters, AP, CBS).

ALT HYP

ALT A: Iran's wedding-strike casualty claims are being amplified for informational/escalation-justification purposes rather than solely reflecting the strike's effect [roughly even chance]

SUPPORT

Iran's own casualty figures for the same event moved from 4-5 dead (deputy governor, Red Crescent, 01-SEP) to 11 dead nationwide (Iranian government claim, 02-SEP) within about 24 hours without a clear sourcing update explaining the increase; Baqaei's language ("catalogue of atrocities... complete") is explicitly framed for international consumption.

DISCONFIRM

Multiple independent outlets (Reuters, AP, CBS, state TV interviews with named local officials and a fisherman identified as the father of the bride) carry consistent on-the-ground detail -- a missile through the roof, a roughly five-foot crater, a second impact on a courtyard wall -- that is difficult to fabricate wholesale; CENTCOM has not denied a strike occurred in the area, only declined to comment on casualties.

CURRENT STATUS

Unresolved -- CENTCOM has offered no comment on the wedding-strike casualty claim specifically as of this cycle. **LIKELIHOOD:** roughly even chance. **CONFIDENCE:** LOW.

ALT B: Iran is converting the Strait into a permanent permission-based regime under cover of an interim deal [very unlikely]

	SUPPORT	The published corridor would run inbound traffic entirely through Iranian territorial waters and would formally close the Omani southern route, replacing a 58-year-old traffic separation scheme through a 30 to 60 day negotiation in which Iran and Oman set the terms. This framing has not been reinforced by any new statement this cycle.
	DISCONFIRM	Oman has not publicly endorsed the revenue-sharing framing, the corridor is described as temporary and subject to a permanent successor, and two consecutive weeks of kinetic exchange (31-AUG Jordan/UAE, 02-SEP four-country retaliation) point toward continued confrontation rather than a managed interim arrangement.
	CURRENT STATUS	The published corridor terms have not been withdrawn, but a second consecutive kinetic exchange within days further weakens the interim-deal-cover reading; energy officials nonetheless report record post-conflict Hormuz transit volume (17 million barrels, 01-SEP) alongside the escalation. LIKELIHOOD: very unlikely, DOWN FROM unlikely. CONFIDENCE: LOW.
SOURCES	CBS News, UPI, ANI/Tribune India, Washington Examiner and Times of Israel wire coverage 01-02 SEP for the wedding-strike claim and CENTCOM strike wave PBS/AP coverage 02-SEP for the four-country retaliation and intercept figures (Axios/Fox-sourced US official accounts) UKMTO tanker-strike report 01-SEP Trading Economics 02-SEP for Brent CENTCOM statement via X, 01-SEP.	

NUC-001 IAEA BLACKOUT DAY 185, NO ACCESS AND NO NEGOTIATING FORUM		WATCH NO DELTA 24
Why This Cycle	No new IAEA statement, Board action or inspector access located this sweep. Not directly re-pulled from IAEA this cycle -- day counter rolled forward only. Direct verification still owed.	
Summary	The blackout stands at Day 186, from 01-MAR-2026 (carried, not re-verified this cycle). The IAEA has lost continuity of knowledge across all declared Iranian facilities. The 31-AUG Jordan/UAE exchange (see GEO-CF-IRAN) remains confined to the maritime and shipping domain and carries no nuclear component so far as sourced.	
SALUTE	SIZE/TIME: 440.9 kg of 60%-enriched UF6, last IAEA-verified on 27-FEB-2026 in GOV/2026/8, unverified for approximately 186 days (carried figure, day count not independently re-derived this cycle), sufficient for multiple weapons if further enriched. Pickaxe Mountain has never been inspected and remains unstruck.	
Analyst Assessment	The blackout remains the longest-running unresolved element of the conflict and nothing this cycle moved it. The diplomatic activity that did occur - the Qatari visit to Tehran, Pakistani mediation and the Iran-Oman corridor - is entirely maritime in scope. Iran's four published preconditions concern the blockade, frozen funds, sanctions and force posture; none mentions the nuclear file. The file is therefore not merely stalled but absent from the only live negotiating channel, which is a worse position than deadlock because there is no venue in which progress could occur even if the will existed.	
ALT HYP	ALT A: The nuclear file enters the mediation agenda as a substantive item rather than rhetoric [very unlikely]	
	SUPPORT	Washington has repeatedly named the nuclear programme alongside Hormuz, and Qatar and Pakistan are both pressing for a broader resumption of direct talks rather than a shipping-only settlement.
	DISCONFIRM	Iran's four published preconditions are entirely maritime and economic and make no reference to enrichment or inspection; the Oman channel is explicitly confined to the strait; and Washington has declined to return to the June memorandum under which any wider agenda would have been framed.

	CURRENT STATUS	Day 186, no access, no new IAEA statement, and a live negotiating channel whose published agenda contains no nuclear item. LIKELIHOOD: very unlikely. CONFIDENCE: MODERATE.
	ALT B: Iran has covertly resumed enrichment despite the absence of visibility [unlikely]	
	SUPPORT	The Agency has no access to any struck facility and cannot confirm status; Pickaxe Mountain has never been inspected; and Iran's army stated on 26-AUG that damaged systems have been rebuilt and new systems imported.
	DISCONFIRM	The US Director of National Intelligence and Iran's ambassador to the IAEA have independently stated that enrichment has not resumed, and no Agency or national finding has contradicted either.
	CURRENT STATUS	No evidence of resumed enrichment and no visibility either, on Day 186 of the blackout. LIKELIHOOD: unlikely. CONFIDENCE: LOW.

CYB-001 KEV CATALOGUE 1,685+ TWO NEW ENTRIES 31-AUG, FIVE PRIOR DEADLINES CLOSED		HIGH UPDATED 9
Why This Cycle	CISA added two new KEV entries dated 31-AUG (PaperCut NG/MF, CVE-2026-81578/82078, chainable) -- confirmed via direct CISA advisory read, not a search-based inference. The five 27-28 AUG deadlines closed with no reported federal compromise.	
Summary	CISA's own 31-AUG advisory (cisa.gov/news-events/alerts/2026/08/31) adds CVE-2026-81578 and CVE-2026-82078, both PaperCut NG/MF -- a missing-authentication flaw chainable with an unsafe-reflection flaw for unauthenticated remote code paths. This is a direct-source read, stronger sourcing than last cycle's search-based no-additions call, which is now superseded. The five deadlines tied to the 27-28 AUG releases (Gitea, Citrix NetScaler, MS SQL, ownCloud, Linux Kernel) closed 28-30 AUG with no reported federal compromise against any of the five. Running catalogue total not independently re-derived this cycle -- treat 1,685 as a floor, not a current figure.	
SALUTE	SIZE/TIME: Catalogue total carried at 1,685+ as of 28-AUG; two further entries confirmed 31-AUG (PaperCut NG/MF), full running total not independently re-derived this cycle. All five 27-28 AUG remediation deadlines have now passed.	
Analyst Assessment	The 31-AUG PaperCut additions were confirmed via CISA's own advisory page rather than a search-based inference, the running catalogue total still needs a direct JSON/CSV pull. What carries forward from 28-AUG is still analytically valid -- the legacy-backfill pattern (ownCloud CVE-2023-49105 is a 2023 vulnerability) reflects an asset-inventory problem rather than a patching-cadence problem. The 31-AUG PaperCut pair is current-year, so this cycle does not extend that specific pattern; a direct JSON/CSV pull is still needed to confirm the running total and check for further legacy backfill.	
ALT HYP	ALT A: A further KEV addition occurs before the next cycle [likely]	
	SUPPORT	The catalogue has grown by twenty entries in eleven days, from 1,665 on 17-AUG to 1,685, and additions have landed on 24, 25, 26 and 27-AUG without a gap.
	DISCONFIRM	The 27-AUG release was smaller than the seven-item release of 26-AUG, and the next scheduled window falls across a weekend when publication cadence typically slows.
	CURRENT STATUS	[PRIOR FORECAST VERIFIED: "a further KEV addition occurs before the next cycle" -- two PaperCut entries added 31-AUG, confirmed via direct CISA advisory.] Running catalogue total still not independently re-derived.

LIKELIHOOD: likely. CONFIDENCE: MODERATE, restored on confirmed-addition evidence.

ALT B: A KEV-listed flaw with a deadline falling in this window is exploited against a US federal network before the next cycle [unlikely]

SUPPORT

Five deadlines fall inside 72 hours and four of the five sit on internet-facing infrastructure - Gitea, Citrix NetScaler gateway, ownCloud and a database server - which is the exposure class most often reached first.

DISCONFIRM

No federal compromise has been reported against any KEV item in this window, BOD 26-04 requires disconnection where remediation is not achieved, and none of the five is flagged for known ransomware campaign use.

CURRENT STATUS

All five deadlines from the 27-28 AUG additions passed 28-30 AUG with no reported federal compromise located; the two 31-AUG PaperCut entries carry their own remediation clock not yet due. LIKELIHOOD: unlikely. CONFIDENCE: MODERATE.

SECTION 4A - CYBER & INFORMATION SECURITY

CYB-004 -- IRAN-LINKED WATER AND WASTEWATER OT CAMPAIGN: WITHDRAWN ON 28-AUG UNDER R-23, REMAINS WITHDRAWN, NOT RE-OPENED. The entry reached 24 days without a confirming CISA, FBI or EPA product as of 28-AUG; no re-opening trigger was identified in this cycle's sweep (not independently re-verified). RE-OPENING TRIGGER: any named CISA, FBI or EPA advisory identifying Iran-linked intrusion against US water or wastewater operational technology, or a utility-confirmed OT compromise in the sector. No figure, date or attribution from the closed entry is restated.

CYB-003 -- KEV LEGACY BACKFILL CONTINUES: CARRIED FROM 28-AUG, NOT RE-VERIFIED: the 27-AUG release added ownCloud CVE-2023-49105, a 2023 improper authentication flaw, alongside two current-year items. Four of the last ten catalogue additions predated 2026 as of that pull. The underlying implication holds independent of a fresh count: exposure here is governed by what an organisation still runs and no longer tracks, not by how quickly it patches what it knows about.

SECTION 4B - PHYSICAL / GEOPOLITICAL / IO

TROP-001 | TROPICAL | EDOUARD ACTIVE (TX LANDFALL IMMINENT) | KARINA CAT 4

FLASH | UPDATED | 21

Why This Cycle

The Gulf disturbance carried at 70 percent development chance last cycle organized into Tropical Depression Five and was named Tropical Storm Edouard the evening of 31-AUG -- the LIKELY/LOW development forecast VERIFIED. Tropical Storm Warning is in effect for the upper TX/SW LA coast; landfall is expected near Port Arthur Tuesday evening.

Summary

ATLANTIC: Tropical Depression Five formed in the Gulf and was upgraded to Tropical Storm Edouard on the 31-AUG evening advisory -- the fifth named Atlantic storm of the season. NHC's 01-SEP advisory has the Tropical Storm Warning running Port Bolivar TX to the Vermilion/Iberia Parish LA line; landfall is expected near Port Arthur Tuesday evening with 3-6in rainfall (locally 9in) inland through east-central Texas, and a flash-flood risk concentrated along and east of I-45. EAST PACIFIC: Hurricane Karina is now Category 4 (direct NHC pull, 01-SEP advisory):

	~130mph sustained, 950mb, moving WNW at ~9mph, no direct land threat -- the system is well offshore and forecast to weaken gradually through the week. Karina-generated swells are producing life-threatening surf and rip currents along Baja California, southwest Mexico and southern California through 2-3 SEP. Two further Pacific systems are active (TS Marie/Eastern Pacific, TS Lowell/Central Pacific, forecast to reach major-hurricane strength by Wednesday) -- neither carries a US land threat as of this pull.	
SALUTE	SIZE/TIME: Tropical Storm Edouard active, TS Warning up, TX landfall imminent (Tue evening). Hurricane Karina Cat 4, no land threat, rip-current hazard only. TS Marie and TS Lowell active in the Pacific, no US land threat as of this pull.	
SOURCES	nhc.gov direct (01-SEP advisories, Edouard/Karina/Marie/Lowell) Yahoo News and Chron.com wire coverage 31-AUG/01-SEP for Edouard formation and landfall track HurricaneInspections.com NHC-feed tracker for Karina position/intensity, cross-checked against nhc.gov advisory text.	
Analyst Assessment	The LIKELY/LOW forecast that the Gulf disturbance would develop into a depression or storm before this cycle VERIFIED -- Edouard formed and was named within the forecast window. The operative question is now landfall impact, not formation: Edouard is a compact, fast-developing system arriving on a Texas coast already carrying pre-existing drought stress, which raises flash-flood risk disproportionately to the storm's modest wind category. Karina's Category 4 intensity is a Pacific open-water story with a defined hazard (rip currents/surf), not a US landfall threat, and should not be conflated with Edouard's Gulf coast impact in downstream messaging.	
ALT HYP	ALT A: Edouard makes landfall at tropical storm strength (60mph) rather than remaining at depression strength [likely]	
	SUPPORT	NHC's 01-SEP advisory explicitly raised the intensity forecast, citing favorable Gulf conditions for continued strengthening through landfall; the system is compact, which allows intensity to respond quickly to a favorable environment.
	DISCONFIRM	NHC itself flags the intensity forecast as uncertain given the system's small size, which can cause intensity to fall as fast as it rises if the environment turns less favorable before landfall.
	CURRENT STATUS	[PRIOR FORECAST VERIFIED: "the Gulf of Mexico disturbance develops into a tropical depression or storm before the next cycle" -- confirmed, named Edouard 31-AUG.] LIKELIHOOD: likely. CONFIDENCE: MODERATE, direct nhc.gov pull this cycle.
	ALT B: Karina weakens below Category 3 before the next cycle [likely]	
	SUPPORT	NHC's own forecast discussion cites progressively cooler waters and drier air setting up a weakening trend after the current intensity plateau, and Karina is already past its most favorable environment.
	DISCONFIRM	Karina has shown some potential for an annular structure, which can sustain intensity longer than a typical weakening hurricane, and NHC notes it could "maintain its intensity more than expected" if that structure holds.
	CURRENT STATUS	[PRIOR FORECAST VERIFIED: "Karina reaches hurricane strength before the next cycle" -- confirmed, Category 4 as of the 01-SEP direct nhc.gov pull.] LIKELIHOOD: likely. CONFIDENCE: MODERATE.

MAR-001 -- HORMUZ SHIPPING, IRAN RETALIATES 31-AUG. MARAD Advisory 2026-004 (Persian Gulf/SoH/Gulf of Oman, direct pull this cycle) remains Active through 09-SEP, superseding Advisory 2026-001; UKMTO reported a tanker struck by three unknown projectiles transiting the southern SoH near the Omani coast on 01-SEP, no casualties. Separately, Iranian state media's claim of a tanker mine strike and a bulk-

carrier seizure near Bandar Abbas is disputed by CENTCOM, which says no vessel has struck a mine in the Strait -- carried as an unresolved conflict, not fact. CENTCOM's 75-ships-redirected figure carried from 28-AUG, not re-verified.

SECTION 5 - ENERGY / INFRASTRUCTURE / SUPPLY CHAIN

ENERGY / INFRASTRUCTURE MONITORS - 02 SEPTEMBER 2026

ENR-001 OIL / ENERGY PRICES: Trading Economics marks Brent at \$94.86/bbl on 02-SEP, up 0.23 percent on the day; Crude/WTI carried at \$86.57/bbl from 01-SEP, not independently re-pulled this cycle, up 0.94 percent -- both figures from the same publisher this cycle, restoring R-5 compliance. Spread: \$4.71. Markets continue pricing the 31-AUG Jordan/UAE exchange and the disputed Hormuz mine claims; per Trading Economics reporting, refinery strikes in Russia and tightened SPR levels are also cited as supporting factors. AAA gasoline is now \$4.0954/gal (direct pull, 01-SEP, up from \$4.0807 -- the pump has begun catching the crude spike); diesel (\$5.6105/gal) remains carried from 31-AUG, not re-pulled this cycle.

MAR-001 MARITIME SUPPLY CHAIN: MARAD Advisory 2026-004 remains Active (direct pull, thru 09-SEP). A tanker was struck by unknown projectiles in the southern Strait 01-SEP per UKMTO; Iranian claims of a separate mine strike and bulk-carrier seizure near Bandar Abbas are disputed by CENTCOM -- not adopted as fact. Saudi Arabia's reported increase in Persian Gulf loadings is carried from 28-AUG, not re-verified.

COMMS-001 SUBMARINE CABLES: NEW SOURCE IDENTIFIED THIS CYCLE, closing part of the TeleGeography gap flagged in Section 12 -- now with named-cable detail via operator-supplied outage tracker views (subseadown.com/outages, not the registry-listed TeleGeography source, which remains unreachable). Live map view showed 422 cables monitored, 4 DEGRADED, 0 DOWN, 322 Tbps affected; the fuller 90-day outage log shows 14 incidents/14 segments (6 Down, 7 Degraded, 1 Maintenance), of which SEVEN ARE CURRENTLY ONGOING (the six Down and one Maintenance event have all already recovered per their logged dates): (1) Southeast Asia-Japan Cable 2 (SJC2), Chung Hom Kok segment (Hong Kong), degraded since 25-AUG, cause undisclosed, est. recovery 24-SEP; (2) SJC2 separately, Changi South segment (Singapore), degraded since 14-JUL, cause undisclosed, est. recovery 30-SEP, repair ship ASEAN Protector +1 on station; (3) Indigo-West, Perth-Jakarta segment, degraded since 10-AUG, cause undisclosed, estimated recovery 26-AUG has ELAPSED with no update; (4) Manatua (South Pacific trunk), degraded since 05-AUG, cause equipment failure, no recovery estimate given; (5) BRUSA, Virginia Beach-San Juan segment, degraded since 02-AUG, cause undisclosed, estimated recovery 27-AUG has ELAPSED with no update; (6) SEACOM/Tata TGN-Eurasia trunk, degraded since 04-JUN (nearly three months), cause undisclosed, open-ended, no recovery estimate; (7) Europe India Gateway (EIG) trunk, degraded since 04-JUN (nearly three months), cause undisclosed, open-ended, no recovery estimate. Two systems (Indigo-West, BRUSA) are past their own dashboard-listed recovery estimates without a status update, and two (SEACOM/Tata TGN-Eurasia, EIG) have carried no recovery estimate at all since early June -- all four are flagged as items to watch for a possible upgrade to DOWN or a formal extension, not yet assessed as escalating. No landing-point outage or confirmed capacity-loss impact to end users has been independently verified from this dashboard alone; it reports segment status, not downstream service impact.

SEIS-001 SEISMIC: NSTR, directly re-checked this cycle. No M6.0+ earthquake located for the 29-AUG through 01-SEP window in a fresh web sweep (still not a direct USGS feed/API pull, but independently re-verified rather than carried from 31-AUG).

SECTION 6 - AVIATION / TRANSPORTATION

AVIATION / TRANSPORTATION MONITORS - 02 SEPTEMBER 2026

AVN-001 MIDDLE EAST / HORMUZ AIRSPACE: THE LAPSE RISK FLAGGED LAST CYCLE IS CLOSED. A direct pull of EASA's Persian Gulf/Gulf of Oman bulletin (revised 31-AUG) shows it renewed, not lapsed -- valid now to 30-SEP-2026, unchanged geography (Bahrain/Kuwait/Qatar/UAE FIRs plus Oman's Muscat FIR west of 58 deg E), narrowed from the broader prior-cycle "avoid all airspace" recommendation to a targeted

advisory. The Jordan, Iraq, Lebanon and Iran bulletins were not independently re-checked this cycle. The FAA/SafeAirspace FIR-status picture carried from prior cycles remains stale relative to the 31-AUG Jordan/UAE exchange -- no confirmed post-strike NOTAM or FIR change located; direct pull still owed.

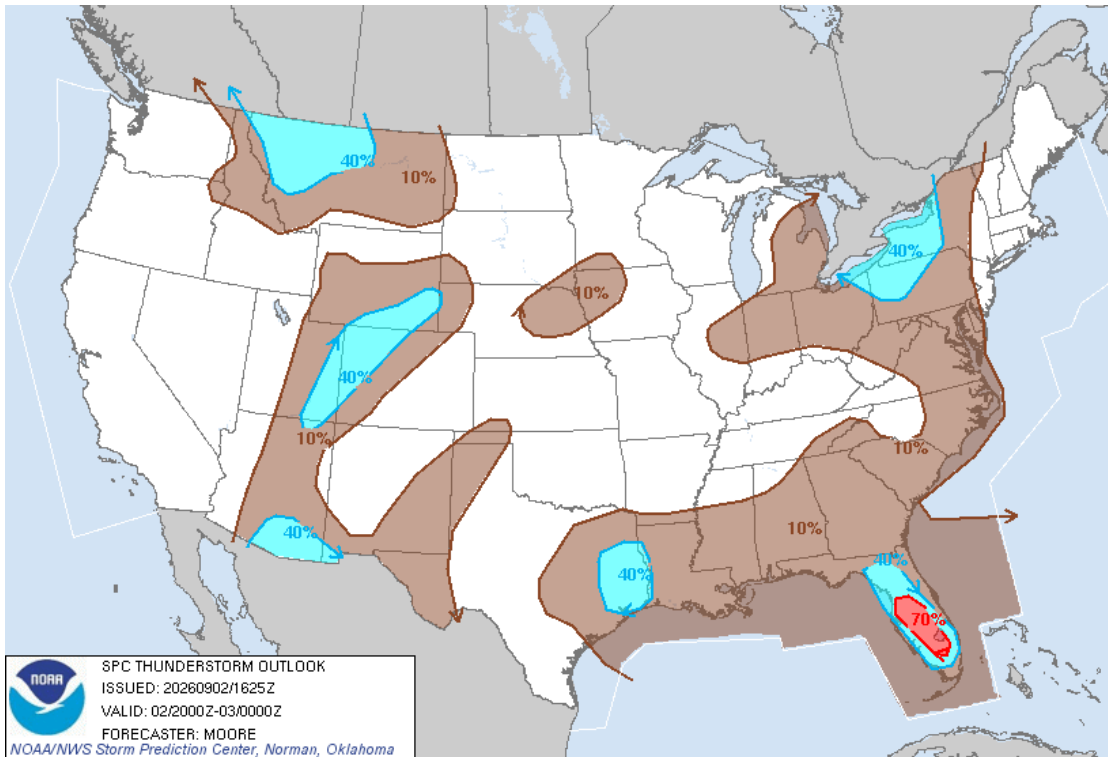
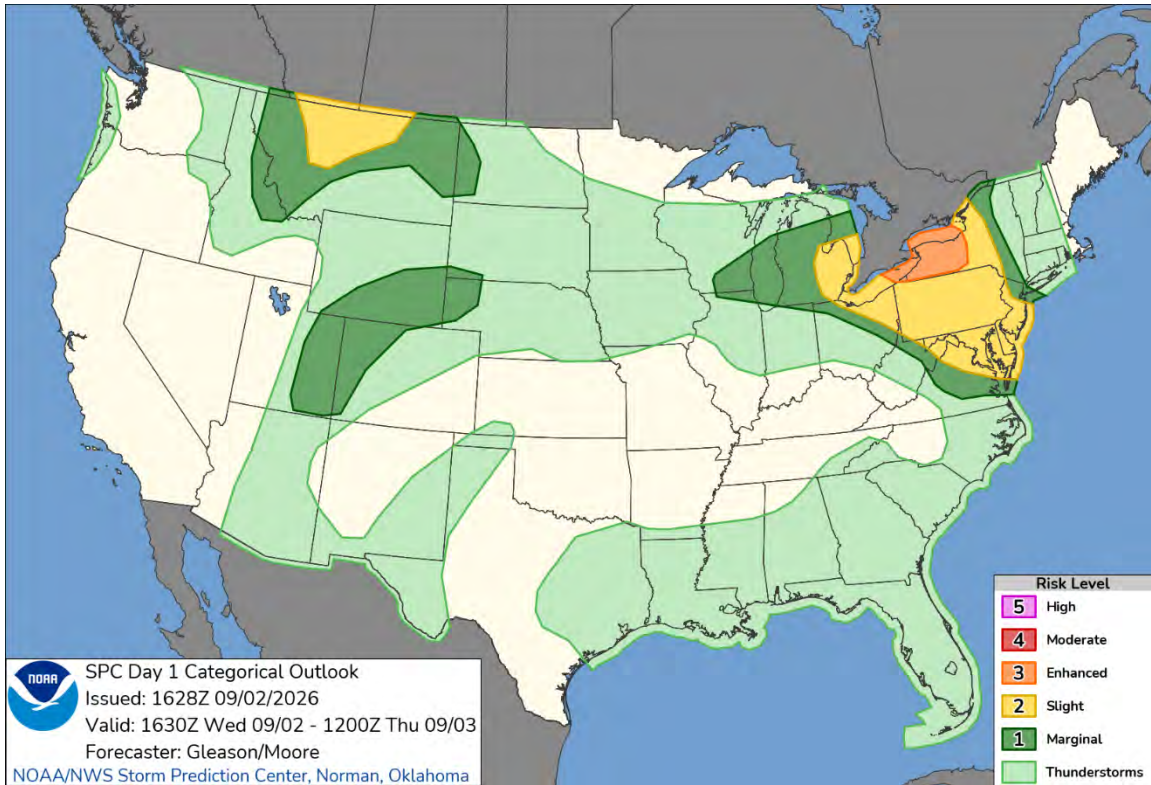
AVN-002 AVIATION / SURFACE / RAIL / TRANSIT: DIRECTLY RE-CHECKED THIS CYCLE via FAA's own restrictions page: NOTAM A0016/20 (Advisory for Overwater Airspace Above the Persian Gulf and Gulf of Oman) remains listed as an active restriction, unchanged. No new NOTAM specific to the 30-AUG Larak strike or 31-AUG Jordan/UAE retaliation was located. TFR list not itemized this cycle.

SECTION 7 - METEOROLOGICAL WEATHER / SEVERE WEATHER / FIRE WEATHER

WX-001 | HEAT EXPANDS TO 17 STATES | SPC SLIGHT RISK, PLAINS INTO PA/NY/NJ

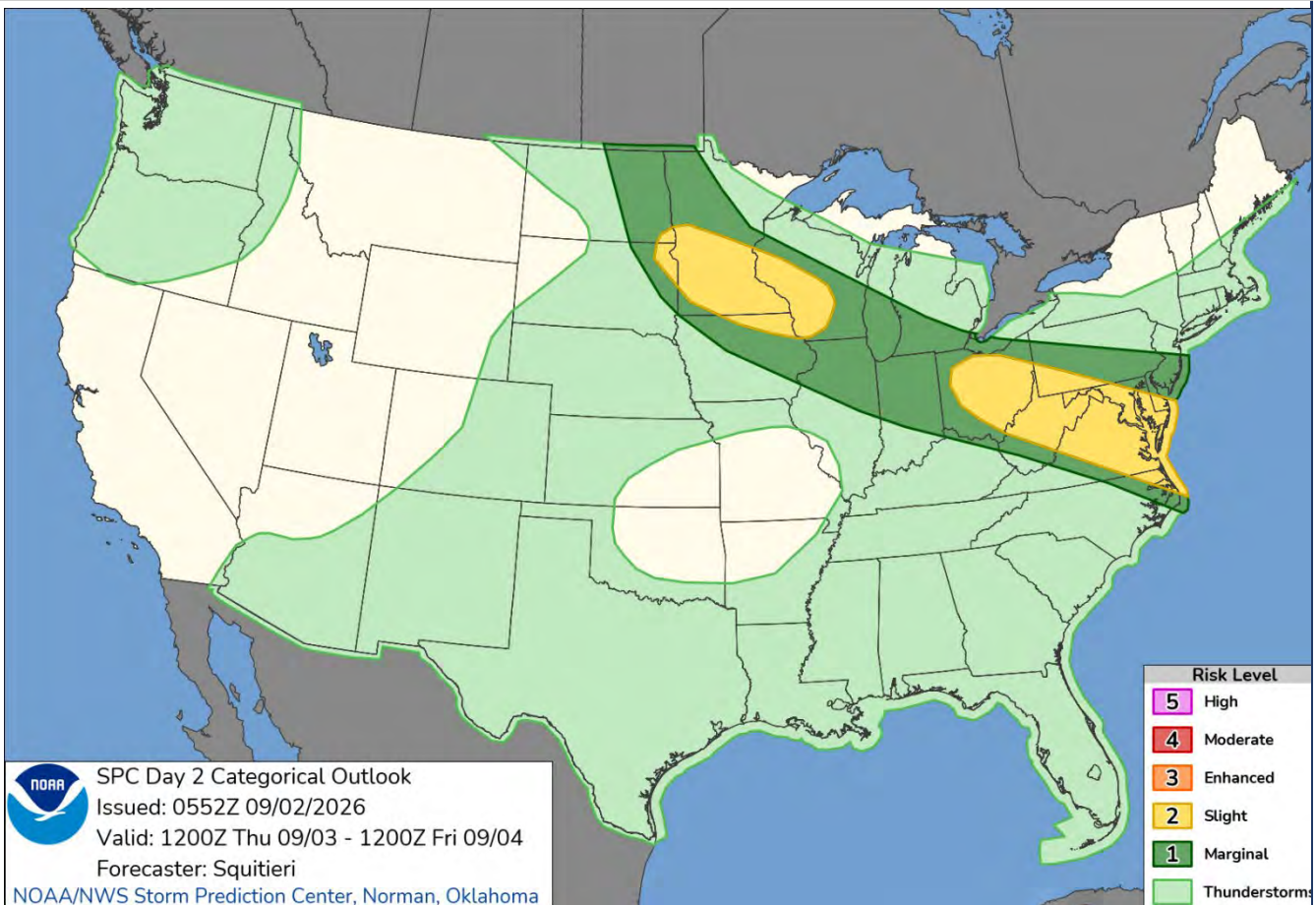
FLASH | ACTIVE | 20

Summary	THE THREE-CYCLE DECLINE READ WAS WRONG. Directly re-verified this cycle (NWS product pages, not a raw alerts.json count): 19 NWS forecast offices are carrying Heat Advisories or Extreme Heat Warnings across a corridor from the southern Plains and lower Mississippi Valley through the Midwest, Ohio Valley and Mid-Atlantic -- Arkansas, Delaware, Illinois, Indiana, Iowa, Kansas, Kentucky, Louisiana, Michigan, Mississippi, Missouri, New Jersey, Ohio, Oklahoma, Pennsylvania, Tennessee and West Virginia (17 states), heat indices 99-110F, several offices extending through Friday/Saturday on limited overnight relief. SPC's Day 1 Outlook (direct pull) carries a SLIGHT risk of severe thunderstorms across the central/northern Plains and Midwest into Pennsylvania, New York and New Jersey. Edouard's Gulf landfall (see TROP-001/Section 7D) remains the dominant near-term hazard for the upper Texas coast, arriving into a pre-existing drought footprint. Air-quality and flood-warning detail were not independently re-pulled this cycle -- carried, not current.
SPC Day 1 Convective Outlook	SPC Day 1 Convective Outlook, valid 310100Z-311200Z (issued 0757 PM CDT Sun 30-AUG, sourced via a secondary mirror of the SPC text since a direct spc.noaa.gov pull was not obtained this cycle): SLIGHT RISK OF SEVERE THUNDERSTORMS OVER PORTIONS OF THE NORTHERN PLAINS. A strong, negative-tilt mid-level low and shortwave trough ejecting across southern Saskatchewan into eastern Montana, with a 60-70 kt mid-level jet streak moving across the Rockies into the Plains, drives a cold front sweeping the Dakotas overnight; a squall line was already observed along/ahead of the front from southern Saskatchewan/Manitoba into northern South Dakota. East of the Divide, increasing ascent and steep low-level lapse rates were expected to support strong downdrafts capable of severe gusts (60-75 mph) with a cluster or weak MCS across the High Plains of eastern Colorado and western Kansas/Nebraska overnight. Scattered thunderstorms over the Arizona lower deserts were expected to persist on very hot temperatures and monsoon moisture, multicell mode with isolated severe gusts possible. SEPARATELY, WPC (direct pull, 31-AUG): MODERATE RISK of excessive rainfall over portions of Utah and the Great Basin today, with a Slight Risk over the Western Gulf Coast Tuesday-Wednesday and a Slight Risk of severe thunderstorms over the Lower Great Lakes, Northeast and Northern Mid-Atlantic on Tuesday. lingering cloud cover as complicating factors for thunderstorm development later in the day. NOTE: this Dakotas/Minnesota text is itself CARRIED FROM AN EARLIER, PRE-30-AUG PRODUCT and is superseded by the SPC 310100Z outlook above -- retained here only pending a full re-verification, not as current guidance.



SPC Day 2 Convective Outlook

SPC Day 2 and Day 3 Convective Outlooks: not re-pulled in this window. Both tiers are withheld rather than restated from a prior cycle.



WPC Day 1 Excessive Rainfall Outlook

WPC Day 1/Day 2 Excessive Rainfall Outlook, issued 344 AM EDT Wed 02-SEP, valid 12Z 02-SEP through 12Z 03-SEP (direct wpc.ncep.noaa.gov pull this cycle). MODERATE RISK (level 3/4) OF EXCESSIVE RAINFALL OVER PARTS OF EASTERN TEXAS today, tied to residual Edouard moisture. A SLIGHT RISK (level 2/4) covers the Lower Great Lakes and Northeast today, and the Southwest Thursday. SPC Day 1 Convective Outlook, issued 1257 AM CDT Wed 02-SEP, valid 021200Z-031200Z (direct spc.noaa.gov pull): SLIGHT RISK OF SEVERE THUNDERSTORMS across northern/central Montana and from the Lower Great Lakes to the Mid-Atlantic -- damaging wind gusts are the main threat, with some large hail and a few tornadoes possible, mainly southern NY into the Mid-Atlantic where low-level shear is greatest. WPC's extended outlook (issued 02-SEP) flags a shift: the dangerous late-summer heat wave now moving toward the south-central US this weekend into early next week, while a cold front brings relief to the southern Mid-Atlantic/Southeast after one more hot day. County-level heat-advisory alert-zone counts (previously carried from 28-AUG: Texas 208, California 109, Arizona 45, Oklahoma 42, Louisiana 38) were NOT re-derived this cycle -- direct api.weather.gov alert-zone pull still owed; treat the shift in geography as directionally confirmed, the specific counts as stale.

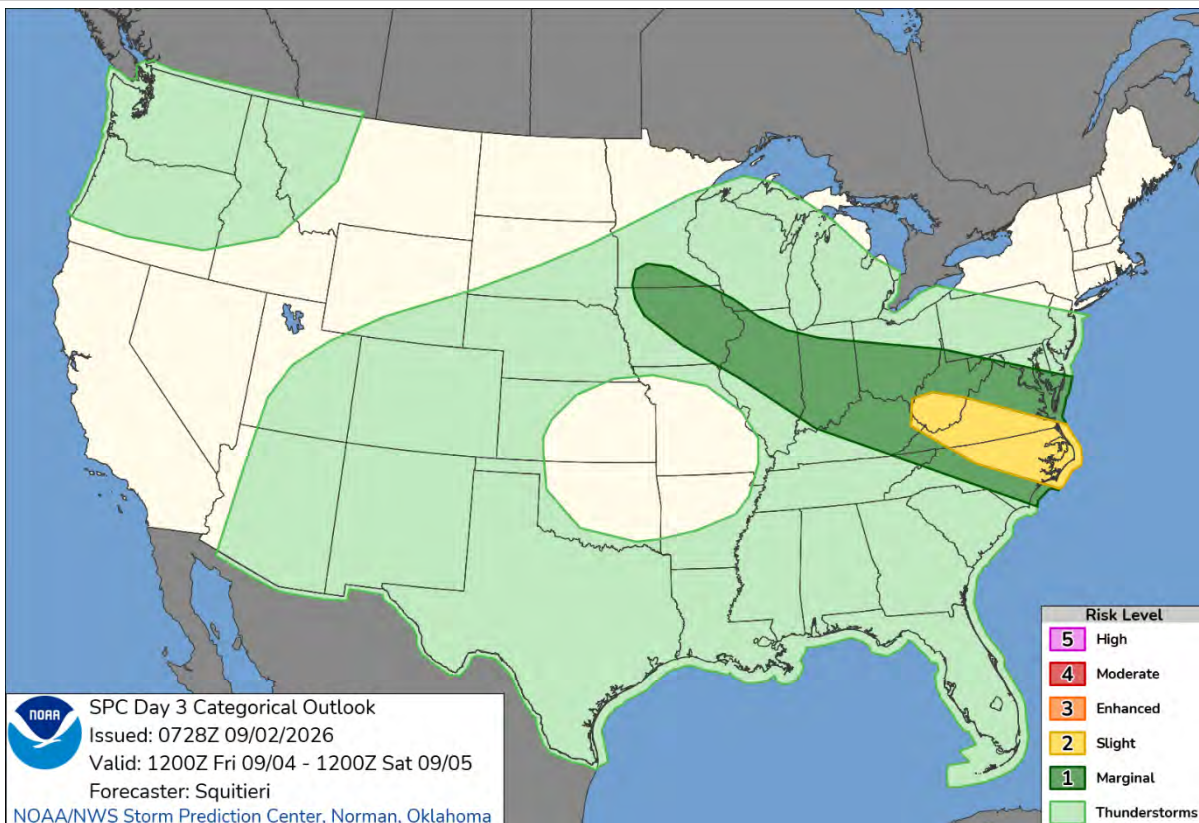
Analyst Assessment

DIRECTLY RE-VERIFIED 01-SEP: THE PRIOR READ WAS WRONG, AND THE 31-AUG FLAG WAS RIGHT TO DISTRUST IT: heat did not break down, it expanded sharply. A direct NWS sweep this cycle finds 19 NWS forecast offices carrying Heat Advisories or Extreme Heat Warnings across a broad corridor from the southern Plains and lower Mississippi Valley through the Midwest, Ohio Valley and Mid-Atlantic -- Arkansas, Delaware, Illinois, Indiana, Iowa, Kansas, Kentucky, Louisiana, Michigan, Mississippi, Missouri, New Jersey, Ohio, Oklahoma, Pennsylvania, Tennessee and West Virginia (17 states), heat indices 99-110F. Paducah KY and several central-US offices are carrying the advisory through Friday/Saturday on limited overnight relief. This directly falsifies the three-cycles-of-decline framing this product carried through 31-AUG -- the

heat count did not fall a fourth time, it reversed hard. The convective tier moved the other way too: SPC's Day 1 Outlook (issued 0712 CDT 01-SEP, direct pull) carries a SLIGHT risk of severe thunderstorms across the central/northern Plains and Midwest into Pennsylvania, New York and New Jersey -- up from MARGINAL, not down. AIR QUALITY not independently re-pulled this cycle; the 28-AUG ozone/smoke driver breakdown (Denver, Dallas-Fort Worth, Oklahoma City, Memphis tri-state, Maricopa County for ozone; Kittitas WA, Crook/Jefferson/Wasco OR, southwest Elko NV for smoke) is carried, not current. THE ALASKA CLUSTER HAS INTENSIFIED, NOT JUST PERSISTED: a High Wind Warning is active for the Eastern Alaska Range (gusts to 86mph recorded Monday, in force to 6pm Tuesday local), a Winter Storm Warning is up for Anchorage (6-12in snow, to 5am Wednesday), a Winter Weather Advisory covers the Central/Eastern Brooks Range and Eastern Arctic Coast into Wednesday, and a new item not on the 28-AUG picture: a volcanic-ash resuspension advisory for Shelikof Strait/southern Kodiak Island, where strong winds are lofting ash from the 1912 Katmai-Novarupta eruption toward Karluk, Larsen Bay and Akhiok, with a second round possible Tuesday night into Wednesday.

LIKELIHOOD: [PRIOR FORECAST DID NOT VERIFY: "heat product counts fall again before the next cycle" -- confirmed false by direct pull; heat expanded to 17 states instead.] NEW FORECAST -- LIKELIHOOD: likely. CONFIDENCE: MODERATE. The 17-state heat advisory footprint persists or grows over the next 48 hours -- several offices (Paducah, Kansas City/Pleasant Hill, St. Louis) have already extended advisories through Friday/Saturday on forecaster-cited limited overnight relief, and no cold front is expected before the weekend.

LIKELIHOOD: [PRIOR FORECAST VERIFIED: "SPC raises any area to SLIGHT or above before the next cycle" -- confirmed by direct pull, SLIGHT risk now covers the central/northern Plains, Midwest, and PA/NY/NJ.] LIKELIHOOD: N/A, call closed TRUE. CONFIDENCE: HIGH.



ALT HYP

ALT A: Air quality alert counts continue to rise while heat counts fall [likely]

	SUPPORT	Air quality has risen for three consecutive cycles, 10 to 11 to 13, and the increment is coming from wildfire smoke in the Pacific Northwest and Great Basin rather than from ozone, which is decoupled from the falling heat.
	DISCONFIRM	Ozone accounts for the majority of current air quality alerts and ozone production falls with temperature, so a continued heat decline would remove the larger of the two drivers even if smoke persists.
	CURRENT STATUS	Heat Advisories/Extreme Heat Warnings now span 17 states as of the direct 01-SEP re-pull, up sharply from the 28-AUG picture -- air quality not independently re-verified this cycle. LIKELIHOOD: likely. CONFIDENCE: MODERATE.
	ALT B: Flood warnings on the Illinois and Wabash systems persist beyond the next cycle [likely]	
	SUPPORT	Eight Flood Warnings are in force on main-stem river reaches across four Illinois and four Indiana counties, and main-stem crests recede over days rather than hours.
	DISCONFIRM	Flood WATCHES have already fallen to zero nationally, no MODERATE rainfall tier is in force anywhere, and the WPC SLIGHT area lies on the Atlantic coast rather than over the Ohio Valley catchment.
	CURRENT STATUS	Eight riverine Flood Warnings in Illinois, Indiana and Pennsylvania AS OF 28-AUG, CARRIED, NOT RE-VERIFIED. LIKELIHOOD: likely. CONFIDENCE: LOW.
SOURCES	Direct pull this cycle: NWS heat advisory/warning product pages (19 offices, 17 states) and NOAA SPC Day 1 Convective Outlook AC 011212 (issued 0712 CDT 01-SEP, SLIGHT risk central/northern Plains-Midwest-PA/NY/NJ) Alaska: NWS Anchorage and Fairbanks direct product pages for the High Wind Warning, Winter Storm Warning and Winter Weather Advisory, plus a Kodiak-area volcanic-ash Special Weather Statement. Air quality and the national alerts.json total were not independently re-pulled this cycle. SPC Day 1 Fire Weather Outlook not pulled this cycle and no tier is stated.	

SECTION 7B - WILDFIRE REPORT (SEPARATE FROM METEOROLOGICAL WEATHER -- SEE SECTION 7 FOR WX-001)

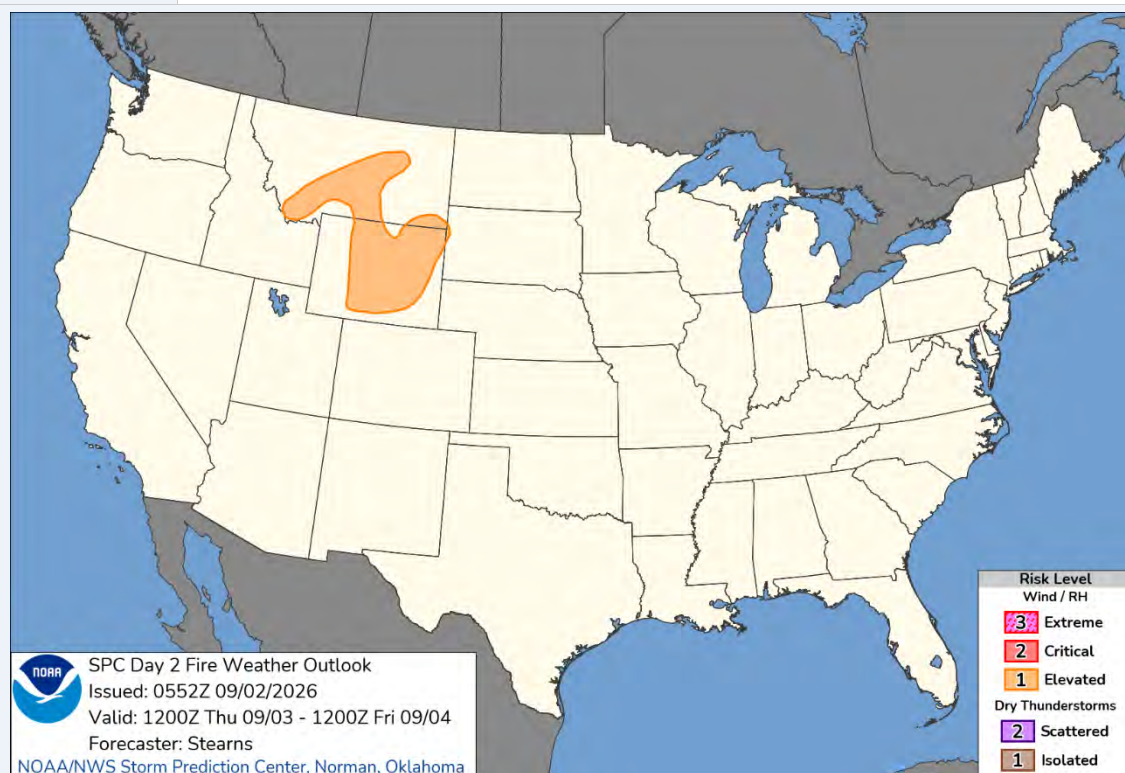
WX-002 SEC 7B FIRE WEATHER NIFC 01-SEP PULL: 87 LARGE FIRES, EASING NWR ROSTER CONFLICT FLAGGED		FLASH ACTIVE 25
Summary	NUMBERS EASE FURTHER; SECOND CONFIRMATORY READ STILL OWED. NIFC's 01-SEP edition (direct pull, single read only this cycle -- R-40 second confirmatory read not yet performed): 87 large fires (down from 93), 3,928,914 acres on active incidents (down from 3,946,886), personnel assigned down to 21,268 (from 22,434). YTD acreage now 8,262,025 across 52,466 fires (up from 8,238,284/51,961). Full per-state large-fire breakdown was directly re-pulled this cycle (see Active Fire Areas below) -- Idaho and Washington now lead at 13 each, Montana 11, Oregon 10; this is a genuine re-derivation, not a carry.	
National Status	National Preparedness Level 5 of 5, the maximum, as of 18-JUL-2026 0730 MDT, unchanged, directly confirmed present on the 01-SEP NIFC page this cycle. YTD figures (52,466 fires / 8,262,025 acres, 126%/164% of the 10-year average) directly re-pulled this cycle from the 01-SEP NIFC National Fire News page.	

Red Flag Warnings

NOT INDEPENDENTLY RE-PULLED THIS CYCLE. The two active zones carried from 01-SEP (Fire Weather Zone 422, Sawtooth Range ID; Fire Weather Zone 420, Northern Sierra Front NV/CA) were not re-checked against api.weather.gov this cycle -- direct SPC/NWS re-pull still owed before restating as current.

**SPC Fire Weather Day 2**

SPC Day 2 Fire Weather Outlook: not independently re-pulled this cycle -- carried status, tier withheld pending a direct check. The 7-Day Significant Fire Potential product was not attempted this cycle.



Active Fire Areas (NIFC National Fire News, 01 SEPTEMBER 2026 edition, single direct read this cycle)	WHERE THE FIRE IS: DIRECTLY RE-PULLED THIS CYCLE from the 01-SEP NIFC National Fire News page: 87 large fires across 15 states, led by Idaho (13, 45,819ac), Washington (13, 531,832ac), Montana (11, 74,080ac) and Oregon (10, 1,200,017ac -- dominated by Big Grass 578,637ac/94pct and Rowe Creek Complex 373,927ac/96pct). Texas (7), Oklahoma (6), New Mexico (5), California (4) and Nevada (4) follow; Colorado, Minnesota (3 each), Utah, Arizona (2 each) and Alaska, Georgia, Arkansas (1 each) round out the list. Idaho and Washington have overtaken Oregon for the state-level lead since 30-AUG. NATIONAL: 01-SEP edition (the current NIFC page as of this direct pull): 140 new fires reported nationwide the prior day including 7 new large fires, 7 fires contained, 21,268 personnel assigned. A second confirmatory read of this same figure set is still owed before it is restated as fully R-40 compliant. DRONE INCURSIONS: NIFC reports 74 drone incursions near wildfires so far in 2026 as of this cycle (up from 73), with 45 in Washington State and 9 in California -- the bulk of the year's total unchanged in geography, one additional incursion recorded since the prior figure. Aerial operations are grounded whenever an unknown drone is detected. NWR COVERAGE NOTES - NO HIGH-GAP ALERT ASSESSED, CROSS-CHECK NOT RE-VERIFIED: CONFLICTING OPERATOR ROSTERS RECEIVED THIS CYCLE -- NOT SILENTLY RESOLVED. Two operator-supplied transmitter lists were provided for 02-SEP: an untimestamped 18-transmitter/14-state list, and a list explicitly timestamped "current on Wed, 02 Sep 2026 11:25:21 GMT" showing 16 transmitters across 12 states. Per standing practice of preferring the timestamped feed, the second list is used below, but the two lists share only 10 stations in common and the operator has not yet confirmed which is authoritative -- this is flagged for resolution, not resolved by this desk. TIMESTAMPED ROSTER (used below): AK(2), GA(2), IL, IN, KS, MI, MN, MO, NM(3), NV, NY, TN -- 16 total impaired, 14 out of service, 2 degraded (Kotzebue AK, Owyhee NV). Common to both lists (treat as confirmed-degraded regardless of which roster wins): Kotzebue AK, Baxley GA, Hillsboro IL, Ulysses KS, Petoskey MI, Gunflint Lake MN, Artesia/Carlsbad/Roswell NM, Shelbyville TN. Present ONLY on the timestamped roster (new since 31-AUG on this reading): Saint Paul Island AK, Summerville GA, Muncie IN, Lancaster MO, Owyhee NV, Albany NY. Present ONLY on the untimestamped roster and NOT on the timestamped one: Cape Gull AK, Fountain Hill AR, Colorado Springs CO, Angola IN, Sugarloaf Mtn ME, Coos Bay OR, Portland OR, Brownsville TX -- these may represent restorations, or the untimestamped list may itself be stale; not adjudicated here. Against the two active Red Flag zones (ID Sawtooth Range, NV/CA Sierra Front), no impaired transmitter on either roster sits inside either zone. NO HIGH-GAP ALERT ASSESSED, PROVISIONAL pending operator confirmation of the correct roster.
Analyst Assessment	SEASON TRAJECTORY: YTD figures (52,466 fires / 8,262,025 acres, 126%/164% of the ten-year average) directly re-pulled this cycle. The daily active-incident total continues easing (87 fires / 3,928,914 acres, down from 93/3,946,886), consistent with the season running well above average but not accelerating. WHAT CAN AND CANNOT BE SAID: The daily direction of travel continues easing (87 fires/3,928,914 acres, down from 93/3,946,886) on a single direct read this cycle, not the two-consecutive-reads standard R-40 sets -- treat as directionally indicative, not fully confirmed. Personnel assigned also eased (21,268, down from 22,434), consistent with the broader easing trend rather than a data artifact. FIRE-WEATHER TRAJECTORY: DIRECTLY RE-PULLED THIS CYCLE (01-SEP NIFC text): hot temperatures continue across the Plains with highs near 100F amid 15-25pct minimum RH and breezy south winds to 20-25mph; breezy dry southwest winds develop across western/southern Nevada into far northeast California and southeast Oregon with RH falling to 7-15pct; scattered showers and thunderstorms develop from far northeast Oregon to central Idaho, southwest Montana and the central Rockies. LIKELIHOOD: likely. CONFIDENCE: LOW, down from MODERATE. New significant fire starts occur in the next 48 hours -- the 30-AUG new-vs-contained ratio (8 against 2) is

	carried, not re-derived this cycle; today's single-read total eased rather than grew, which cuts against but does not reverse the base-rate call. LIKELIHOOD: likely, CARRIED. CONFIDENCE: MODERATE. National Preparedness Level remains at 5 through the next cycle -- NIFC has held level 5 since 18-JUL with no intervening change confirmed; not independently re-verified this cycle.												
SOURCES	NIFC National Situation Report nifc.gov home page statistics block, direct pull, single read, 01-SEP -- NOT two-consecutive-confirmed this cycle. Per-state large-fire breakdown directly re-pulled from the same page this cycle, a genuine re-derivation. Red Flag Warning geography carried from 01-SEP, not re-pulled this cycle. NPL directly confirmed present on the same page. InciWeb not checked.												
ALT HYP	ALT A: The NIFC 28-AUG edition, when published, reconciles the prose and table figures [unlikely] <table> <tr> <td>SUPPORT</td><td>The two figures sit on the same page under the same date stamp and NIFC has historically carried a single national large-fire count, so a reconciliation at the next edition would be the ordinary outcome.</td></tr> <tr> <td>DISCONFIRM</td><td>The divergence is structural rather than clerical: the table moved three times in three hours while the prose held, which indicates two different refresh mechanisms rather than a typographical error that a new edition would correct.</td></tr> <tr> <td>CURRENT STATUS</td><td>RESOLVED: the 30-AUG edition shows prose and table in agreement (98 large fires both places, two-read confirmed), ending the divergence tracked since 27-28 AUG. LIKELIHOOD: N/A, call closed. CONFIDENCE: HIGH.</td></tr> </table> ALT B: National Preparedness Level drops below 5 before the next cycle [very unlikely] <table> <tr> <td>SUPPORT</td><td>The current single-read national total (87 large fires / 3,928,914 acres) is itself down from 93/3,946,886 on 31-AUG, which argues against an imminent NPL step-down on trend alone.</td></tr> <tr> <td>DISCONFIRM</td><td>NPL has been held at 5 without change since 18-JUL-2026; two active Red Flag zones (ID, NV/CA) remain in force and national personnel commitment was last confirmed at 22,168 on 30-AUG, not re-pulled this cycle.</td></tr> <tr> <td>CURRENT STATUS</td><td>NPL carried at 5 since 18-JUL-2026, not independently re-verified this cycle; the eased daily total (93 fires/3,946,886 acres) is a modest data point against a near-term step-down but not by itself sufficient to reverse the base rate. LIKELIHOOD: very unlikely. CONFIDENCE: MODERATE.</td></tr> </table>	SUPPORT	The two figures sit on the same page under the same date stamp and NIFC has historically carried a single national large-fire count, so a reconciliation at the next edition would be the ordinary outcome.	DISCONFIRM	The divergence is structural rather than clerical: the table moved three times in three hours while the prose held, which indicates two different refresh mechanisms rather than a typographical error that a new edition would correct.	CURRENT STATUS	RESOLVED: the 30-AUG edition shows prose and table in agreement (98 large fires both places, two-read confirmed), ending the divergence tracked since 27-28 AUG. LIKELIHOOD: N/A, call closed. CONFIDENCE: HIGH.	SUPPORT	The current single-read national total (87 large fires / 3,928,914 acres) is itself down from 93/3,946,886 on 31-AUG, which argues against an imminent NPL step-down on trend alone.	DISCONFIRM	NPL has been held at 5 without change since 18-JUL-2026; two active Red Flag zones (ID, NV/CA) remain in force and national personnel commitment was last confirmed at 22,168 on 30-AUG, not re-pulled this cycle.	CURRENT STATUS	NPL carried at 5 since 18-JUL-2026, not independently re-verified this cycle; the eased daily total (93 fires/3,946,886 acres) is a modest data point against a near-term step-down but not by itself sufficient to reverse the base rate. LIKELIHOOD: very unlikely. CONFIDENCE: MODERATE.
SUPPORT	The two figures sit on the same page under the same date stamp and NIFC has historically carried a single national large-fire count, so a reconciliation at the next edition would be the ordinary outcome.												
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DISCONFIRM	NPL has been held at 5 without change since 18-JUL-2026; two active Red Flag zones (ID, NV/CA) remain in force and national personnel commitment was last confirmed at 22,168 on 30-AUG, not re-pulled this cycle.												
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NWR TRANSMITTER OUTAGE STATUS

ST	Callsign	Location	Freq	WFO	Status
AK	Kotzebue	162.550	Fairbanks AK	KWN30	DEGRADED
AK	Saint Paul Island	162.525	Anchorage AK	KJY73	OUT OF SERVICE
GA	Baxley	162.525	Jacksonville FL	WXM65	OUT OF SERVICE
GA	Summerville	162.450	Peachtree City GA	WXJ72	OUT OF SERVICE

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ST	Callsign	Location	Freq	WFO	Status
IL	Hillsboro	162.425	St. Louis MO	KXI79	OUT OF SERVICE
MO	Lancaster	162.550	Kansas City MO	WXM36	OUT OF SERVICE
IN	Muncie	162.425	Indianapolis IN	KJY93	OUT OF SERVICE
KS	Ulysses	162.450	Dodge City KS	WXN81	OUT OF SERVICE
MI	Petoskey	162.475	Gaylord MI	WNG572	OUT OF SERVICE
MN	Gunflint Lake	162.525	Duluth MN	KXI45	OUT OF SERVICE
NM	Artesia	162.425	Midland/Odessa TX	WXN24	OUT OF SERVICE
NM	Carlsbad	162.475	Midland/Odessa TX	WWF37	OUT OF SERVICE
NM	Roswell	162.450	Albuquerque NM	WWG36	OUT OF SERVICE
NV	Owyhee	162.450	Elko NV	WNG731	DEGRADED
NY	Albany	162.550	Albany NY	WXL34	OUT OF SERVICE
TN	Shelbyville	162.475	Nashville TN	WXK63	OUT OF SERVICE

SOURCES: operator-supplied NWR roster, timestamped 02-SEP-2026 11:25:21 GMT | weather.gov/source/nwr/JS/ccl-data.js

SECTION 7B - WILDFIRE

0730 MDT, unchanged, directly confirmed this cycle. Year to date the NIFC 01-SEP edition (direct pull, single read) records 52,466 fires and 8,262,025 acres, against 46,650 fires and 4,129,566 acres on the same date in 2025.

MODRITE FIRE (WA): NAMED INCIDENTS: NSTR this cycle. No individual incident was named in the NIFC edition served on 30-AUG, and no acreage or containment figure for any previously tracked incident is restated from a prior roster.

ASPEN ACRES FIRE (CO): Individual incidents carried in cycles up to 19-AUG - including the Modrite Fire in Washington - are not restated; it has not appeared in a NIFC edition since. The Aspen Acres Fire in Colorado is confirmed still active and included in the state breakdown below (102,004 acres/82 percent contained).

WHERE THE FIRE IS ON THE 01-SEP NIFC TABLE (direct pull this cycle): Idaho 13, Washington 13, Montana 11, Oregon 10, Texas 7, Oklahoma 6, New Mexico 5, California 4, Nevada 4, Colorado 3, Minnesota 3, Utah 2, Arizona 2, Alaska 1, Georgia 1, Arkansas 1 - 87 large fires across fifteen states, with 3,928,914 acres on active fires. Aspen Acres Fire (CO) is included in this total at 102,004 acres/82 percent contained, stationary.

SECTION 7C - SPACE WEATHER & EMCOMM

SWX-001 | SWX-CON STAND-DOWN, Kp4 ARC CLOSED 30-AUG | ELECTRON-FLUX ALERT CHAIN RUNNING SINCE 31-AUG, NEWLY CONFIRMED

WATCH | UPDATED | 8

Why This Cycle

Direct check this cycle confirms the Kp4 arc remains closed (no newer WARK04 serial past 5410, 30-AUG). Separately, a direct pull confirms an ongoing ALTEF3 electron 2MeV flux alert chain (serial 3733, issued 02-SEP 1014Z) that has been running continuously since serial 3731 on 31-AUG, per the registry requirement to check alerts.json independently of the Kp-based scales panel.

SWPC Status	DIRECTLY CONFIRMED THIS CYCLE, TWO SEPARATE PRODUCTS. WARK04 (Kp): no serial newer than 5410 (30-AUG, expired 2359Z) -- arc remains closed, consistent with R-35 guidance that scales panels do not move below Kp 5. ALTEF3 (2MeV electron flux): serial 3733 (02-SEP 1014Z) confirms an ACTIVE, ongoing alert -- continuation of serial 3731 (31-AUG 1146Z) via 3732 (01-SEP 0737Z); yesterday's maximum flux 1,201 pfu at 1000Z 02-SEP. This is a genuinely separate SWPC product from the Kp scales and had not been surfaced in at least two prior cycles.		
Summary	THE KP4 ARC REMAINS CLOSED; A SEPARATE ELECTRON-FLUX ALERT HAS BEEN RUNNING, UNREPORTED, SINCE 31-AUG. WARK04's Kp4 Persistence chain (serials 5407-5410) closed 30-AUG 2359Z without crossing G1/G2, unchanged from prior cycles. Direct confirmation this cycle found the ALTEF3 2MeV electron-flux alert has been continuously active since serial 3731 (31-AUG 1146Z) -- this is a satellite-charging risk condition, mechanically distinct from the Kp/geomagnetic-storm condition that governs the current SWX-CON tier, and its multi-cycle absence from this report is a gap this cycle closes.		
Operational Impacts	IMPACT SUMMARY: the closed Kp4 arc never exceeded Kp 4, so its own effects stayed poleward of 65 degrees geomagnetic latitude. The active ALTEF3 electron-flux alert carries a separate impact profile -- elevated risk of satellite-system charging and potential single-event upsets for spacecraft in geosynchronous orbit -- and has now persisted at least four consecutive days (31-AUG through 02-SEP) without previously appearing in this report. No CONUS ground-level or grid impact is indicated by either condition.		
HF / COMMS Assessment	With the Kp4 arc closed, no CONUS HF/COMMS impact is indicated from the geomagnetic side this cycle. The active electron-flux alert does not itself indicate an HF propagation impact -- it is a satellite-charging risk rather than an ionospheric-absorption event -- so no CONUS HF/COMMS action is indicated at this time.		
Analyst Assessment	This cycle replaces inference with direct confirmation on both fronts: the Kp4 arc is confirmed (not just presumed) closed, and a genuinely active ALTEF3 electron-flux alert chain that has run since 31-AUG is confirmed. This reflects the registry's stated reason for requiring alerts.json checked independently of the Kp scales panel. SWX-CON STAND-DOWN is retained on the Kp/geomagnetic basis; whether a standing electron-flux note belongs in the masthead banner is an operator call, not made here. R-41 (a formal SWX-CON ladder ruling) remains pending. LIKELIHOOD: [CARRIED FORECAST, NOT YET DUE: a fresh geomagnetic disturbance (G1 or greater) is observed within the 7-day window set 31-AUG -- roughly even chance, LOW confidence. No new evidence this cycle either way.] LIKELIHOOD: unlikely. CONFIDENCE: MODERATE. The Kp4 arc reopens or a new WARK04 serial is issued before the next cycle -- no driver identified and the arc has now been closed and directly confirmed quiet for three full cycles. LIKELIHOOD: [PRIOR FORECAST VERIFIED: "a new WARK04 or ALTEF3 serial is issued before the next cycle" -- ALTEF3 serial 3733 (02-SEP) confirms this; the chain was in fact already running when the forecast was made, so this is better read as a detection-lag correction than a fresh onset.] NEW FORECAST -- LIKELIHOOD: likely. CONFIDENCE: MODERATE. The ALTEF3 electron-flux alert remains active (a new continuation serial is issued) at the next cycle - these chains have historically persisted multiple days once above the 1,000 pfu threshold, and yesterday's peak (1,201 pfu, 02-SEP) shows no sign of tailing off.		
SOURCES	Operator-supplied ALTEF3 serial 3733 text (02-SEP 1014Z) SpaceWeatherLive.com mirror of SWPC alerts, cross-checked for the WARK04 and ALTEF3 serial history back to 31-AUG (serials 3731-3733) 27-day Space Weather Forecast (swpc.noaa.gov) for background context.		
ALT HYP	ALT A: The G2 watch expires without G2 conditions being observed [roughly even chance, RESOLVED TRUE] SUPPORT Kp reached only 4 at onset and had eased back to 3 by 1703Z rather than ramping, the observed scale panels still read G0 on both the 28 and 27-AUG		

		days, and the watch has already run through 27-AUG predicting G1 without a corresponding observation.
	DISCONFIRM	Onset arrived on schedule and slightly ABOVE forecast, which argues the coronal hole stream is behaving as modelled; the forecast places the peak in the 21-00UT window that had not yet occurred at pull time; and an active Kp 4 warning runs to 2359Z.
	CURRENT STATUS	RESOLVED, CARRIED: the watch window (28-29 AUG) closed and G2 was never observed; no new watch has been issued this cycle. LIKELIHOOD: N/A, call closed TRUE. CONFIDENCE: HIGH.
	ALT B: The 2MeV electron flux alert chain has ended rather than merely not yet been reissued [roughly even chance]	
	SUPPORT	No ALTEF3 continuation had been issued at either the 1303Z or the 1708Z pull on 28-AUG, roughly seven hours past a normal issue window of 0500 to 1036Z and after seven consecutive daily alerts issued without a gap. Raised from unlikely on the strength of that second failed check.
	DISCONFIRM	The measured daily maximum rose steadily across the chain from 1,026 to 1,049 pfu rather than decaying toward the 1,000 pfu threshold, and the arriving high-speed stream that produced today's Kp 4 onset would normally RAISE outer-belt electron flux rather than lower it.
	CURRENT STATUS	Status unconfirmed past serial 3730 (27-AUG 0934Z, seven-day peak of 1,049 pfu) across three consecutive cycles now; no continuation or termination confirmed. Direct alerts.json pull is now overdue. LIKELIHOOD: roughly even chance, CARRIED. CONFIDENCE: LOW.

SECTION 7D - TROPICAL / HURRICANE WEATHER

EDOUARD CONCLUDED; THREE PACIFIC SYSTEMS ACTIVE. Edouard made landfall near Johnson Bayou, LA at 1420 CT 01-SEP (60mph, 996mb), weakened to a tropical depression by evening and is dissipating over Texas today. Hurricane Karina (Cat 4), Hurricane Lowell (Central Pacific, major) and Tropical Storm Marie (East Pacific) remain active with no US land threat.

Status	Direct nhc.gov pull this cycle. ATLANTIC: Edouard made landfall near Johnson Bayou, LA at 1420 CT 01-SEP with 60mph sustained winds and a 996mb minimum pressure; weakened to a tropical depression by approximately 2130 CT and is dissipating over Texas today, with residual moisture possible into Thursday. Peak power outages of roughly 71,000 TX customers (mostly Jefferson County/Beaumont-Port Arthur, Entergy Texas) are down to roughly 56,800 as of this morning; Beaumont ISD and several other southeast Texas districts closed for a second day. EAST PACIFIC: Hurricane Karina remains Category 4 (~130-140mph), weakening trend forecast, no land threat, continuing to produce swells and rip-current risk for Baja/SW Mexico/Southern California; Tropical Storm Marie also active, no US land threat. CENTRAL PACIFIC: Hurricane Lowell is now a major hurricane (~125mph) roughly 855 miles ESE of Hilo, no Hawaii threat currently forecast.
Sources	nhc.gov direct, 02-SEP advisories (Karina, Marie, Lowell) KBTX, Houston Chronicle, CNN, FOX Weather, NBC/AP wire coverage 01-02 SEP for Edouard landfall, weakening and outage figures Entergy Texas storm-center updates 01-SEP HurricaneInspections.com NHC-feed tracker for Karina, cross-checked against nhc.gov advisory text.

SECTION 8 - AGRICULTURE / FOOD & SUPPLY CHAIN

AGRICULTURE / FOOD AND SUPPLY CHAIN NSTR ON TRACKED OUTBREAKS INPUT PICTURE ONLY		NSTR INPUT PICTURE ONLY
Why This Cycle	No tracked agricultural or foodborne outbreak is open. AGR-001 was CLOSED on 17-AUG under R-23 after four consecutive unverified cycles and is not re-opened; the input picture only is reported.	
Summary	NSTR on tracked outbreaks. No case count, state count or death toll from the closed AGR-001 thread is restated in either direction.	
Analyst Assessment	The two inputs that move agricultural cost this cycle are fuel and the Hormuz escalation. DIESEL: figure carried from 31-AUG (\$5.6105/gal), NOT re-pulled this cycle -- now two cycles stale, direct AAA verification is overdue. Crude has continued climbing (Brent +0.23% to \$94.86/bbl 02-SEP, highest since late July) while diesel sits uncorroborated -- the divergence from gasoline can no longer be characterized with confidence without a fresh diesel pull. Fire: FIRE: the national fire posture (Preparedness Level 5, directly confirmed) shows 8,262,025 acres burned YTD on the 01-SEP direct-pull edition (164 percent of the ten-year average); the daily active-incident total continues easing this cycle (87 fires/3,928,914 acres, down from 93/3,946,886). No agricultural loss figure has been published. Crude: CRUDE: Brent \$94.86/bbl, Crude/WTI \$86.57/bbl (Brent Trading Economics 02-SEP; WTI carried from 01-SEP, not independently re-pulled this cycle, same-publisher pairing, spread \$4.71) as markets continue pricing the 31-AUG Jordan/UAE exchange. Gasoline is now \$4.0954/gal (direct pull, 01-SEP, up from \$4.0807); diesel (\$5.6105/gal) remains carried from 1-AUG, not re-pulled this cycle -- the retail-facing lag behind the crude move can no longer be freshly characterized without a same-cycle AAA pull.	
SOURCES	NIFC National Situation Report USDA ERS Food Price Outlook World Bank commodity prices USDA NIDIS Drought Monitor	

SECTION 9 - PUBLIC HEALTH

PHS-002 EBOLA BUNDIRUGYO PHEIC DAY 109 5,945 CASES AND 2,862 DEATHS NSTR, FIGURES HELD		HIGH NO DELTA 16
Why This Cycle	NSTR this cycle. No WHO DON or ECDC update newer than the 5,945 confirmed cases / 2,862 deaths figure (data to 28-AUG, posted 31-AUG) located -- direct WHO/ECDC fetch attempted, no newer document found. Figures below are held from the 31-AUG cycle, not re-derived; day counter rolled forward only.	
Summary	Bundibugyo ebolavirus PHEIC declared 17-MAY-2026, now Day 109. Figures held from the 31-AUG cycle (ECDC report dated 29-AUG, data to 28-AUG): DRC 5,945 confirmed cases / 2,862 deaths; Ituri remains the most-affected province at 4,911 cases / 2,212 deaths across 28 of 36 health zones; 1,327 patients recovered; 84.4 percent of identified contacts under follow-up. No newer WHO DON or ECDC report was located this cycle despite a direct check -- treat the direction (continued acceleration) as confirmed and the exact case/death counts as needing direct-source confirmation next cycle. UGANDA REMAINS CLOSED: Ministry of Health declared the outbreak over 28-JUL, WHO concurred 26-AUG following the 42-day countdown, 20 confirmed cases, two deaths, last case 21-JUN.	
SALUTE	SIZE/TIME: DRC national series 5,945 confirmed and 2,862 deaths on data to 28-AUG (ECDC report dated 29-AUG, aggregator-sourced this cycle, not a direct fetch); 1,327 recovered; 84.4	

	percent of identified contacts under follow-up; transmission in Ituri, North Kivu, Haut-Uele and elsewhere; Day 109 of the PHEIC.												
SOURCES	ECDC Ebola outbreak page figures via an ECDC-derived aggregator this cycle (29-AUG report, data to 28-AUG) -- not a direct ecdc.europa.eu fetch, flagged for direct-source confirmation next cycle DRC Ministry of Public Health and INSP for the Kisangani vaccination launch (carried, not re-verified) WHO Regional Office for Africa for the Uganda outbreak-end declaration of 26-AUG (carried).												
Analyst Assessment	The 31-AUG cycle's flagged reversal (81 new cases/42 new deaths on the 28-AUG report) has now continued rather than been a one-off spike: the 29-AUG report adds a further 82 cases and 38 deaths, and contact follow-up recovered slightly (82.3 to 84.4 percent) rather than continuing to fall. A rising case count alongside recovering follow-up is a different signal than rising cases with falling follow-up: the earlier interpretation was that surveillance was deteriorating while transmission accelerated; this update is more consistent with sustained transmission under a surveillance effort that has stabilized rather than collapsed. That said, improved case-finding normally accompanies improved contact tracing, which is the reading favored here, but it does not rule out reporting catch-up entirely. The 29-AUG update DOES publish a provincial breakdown this time: Ituri (66 of the 82 new cases) remains the dominant driver, with North Kivu (12) and Haut-Uele (4) trailing -- the outbreak's geographic center of gravity has not shifted west toward the Kisangani vaccination catchment (Tshopo/Bas-Uele/Haut-Uele), which argues the vaccination effort is not yet reaching the highest-transmission area.												
ALT HYP	ALT A: The rise from 57 to 81 new cases reflects reporting catch-up rather than accelerating transmission [unlikely] <table> <tr> <td>SUPPORT</td><td>Reporting increments in this series have oscillated rather than moved monotonically, and a single reporting day can absorb a backlog from the preceding one, which would inflate one figure at the expense of its predecessor.</td></tr> <tr> <td>DISCONFIRM</td><td>Contact follow-up fell from 84.6 to 82.3 percent in the same update, and deaths rose from 29 to 42 alongside cases; a reporting artefact would not normally move deaths, cases and hospitalisations up while tracing coverage falls.</td></tr> <tr> <td>CURRENT STATUS</td><td>82 further new cases and 38 further new deaths on the 29-AUG report, with follow-up UP 2.1 points (82.3 to 84.4) -- the reporting-catch-up hypothesis is somewhat better supported this cycle by the recovering follow-up rate, though sustained transmission remains the more likely single explanation. LIKELIHOOD: roughly even chance, UP FROM unlikely. CONFIDENCE: LOW, down from MODERATE pending direct-source confirmation.</td></tr> </table> ALT B: Conflict-driven access denial is the primary constraint on containment [likely] <table> <tr> <td>SUPPORT</td><td>The outbreak spans six provinces where armed conflict is active, ECDC records only 82.3 percent of identified contacts under follow-up, and coverage fell in the same period that incidence rose.</td></tr> <tr> <td>DISCONFIRM</td><td>Vaccine and therapeutic limitations against the Bundibugyo species are an independent constraint that would bind even with full access, and the 27-AUG launch of an ERVEBO campaign at Kisangani demonstrates that operational reach into affected provinces is being extended rather than lost.</td></tr> <tr> <td>CURRENT STATUS</td><td>Outbreak concentrated in Ituri (28 of 36 health zones, 4,911 cases) with North Kivu and Haut-Uele trailing; contact follow-up at 84.4 percent and recovering rather than falling this cycle. LIKELIHOOD: likely, CARRIED. CONFIDENCE: MODERATE.</td></tr> </table>	SUPPORT	Reporting increments in this series have oscillated rather than moved monotonically, and a single reporting day can absorb a backlog from the preceding one, which would inflate one figure at the expense of its predecessor.	DISCONFIRM	Contact follow-up fell from 84.6 to 82.3 percent in the same update, and deaths rose from 29 to 42 alongside cases; a reporting artefact would not normally move deaths, cases and hospitalisations up while tracing coverage falls.	CURRENT STATUS	82 further new cases and 38 further new deaths on the 29-AUG report, with follow-up UP 2.1 points (82.3 to 84.4) -- the reporting-catch-up hypothesis is somewhat better supported this cycle by the recovering follow-up rate, though sustained transmission remains the more likely single explanation. LIKELIHOOD: roughly even chance, UP FROM unlikely. CONFIDENCE: LOW, down from MODERATE pending direct-source confirmation.	SUPPORT	The outbreak spans six provinces where armed conflict is active, ECDC records only 82.3 percent of identified contacts under follow-up, and coverage fell in the same period that incidence rose.	DISCONFIRM	Vaccine and therapeutic limitations against the Bundibugyo species are an independent constraint that would bind even with full access, and the 27-AUG launch of an ERVEBO campaign at Kisangani demonstrates that operational reach into affected provinces is being extended rather than lost.	CURRENT STATUS	Outbreak concentrated in Ituri (28 of 36 health zones, 4,911 cases) with North Kivu and Haut-Uele trailing; contact follow-up at 84.4 percent and recovering rather than falling this cycle. LIKELIHOOD: likely, CARRIED. CONFIDENCE: MODERATE.
SUPPORT	Reporting increments in this series have oscillated rather than moved monotonically, and a single reporting day can absorb a backlog from the preceding one, which would inflate one figure at the expense of its predecessor.												
DISCONFIRM	Contact follow-up fell from 84.6 to 82.3 percent in the same update, and deaths rose from 29 to 42 alongside cases; a reporting artefact would not normally move deaths, cases and hospitalisations up while tracing coverage falls.												
CURRENT STATUS	82 further new cases and 38 further new deaths on the 29-AUG report, with follow-up UP 2.1 points (82.3 to 84.4) -- the reporting-catch-up hypothesis is somewhat better supported this cycle by the recovering follow-up rate, though sustained transmission remains the more likely single explanation. LIKELIHOOD: roughly even chance, UP FROM unlikely. CONFIDENCE: LOW, down from MODERATE pending direct-source confirmation.												
SUPPORT	The outbreak spans six provinces where armed conflict is active, ECDC records only 82.3 percent of identified contacts under follow-up, and coverage fell in the same period that incidence rose.												
DISCONFIRM	Vaccine and therapeutic limitations against the Bundibugyo species are an independent constraint that would bind even with full access, and the 27-AUG launch of an ERVEBO campaign at Kisangani demonstrates that operational reach into affected provinces is being extended rather than lost.												
CURRENT STATUS	Outbreak concentrated in Ituri (28 of 36 health zones, 4,911 cases) with North Kivu and Haut-Uele trailing; contact follow-up at 84.4 percent and recovering rather than falling this cycle. LIKELIHOOD: likely, CARRIED. CONFIDENCE: MODERATE.												

PREP-CON 3
BROWN SKY
 Incident
 Probable

PREP-CON 3 -- BROWN SKY (Incident Probable) HELD THIS CYCLE

MOVEMENT ASSESSMENT

SUPPORTS DE-ESCALATION TO 4: WEAKENED SINCE 28-AUG. The Iran-Oman corridor terms remain published but unimplemented, Qatari/Pakistani mediation activity from 27-AUG is unconfirmed as continuing, and the OFAC-silence argument no longer holds -- OFAC acted again on 28-AUG (UAE-bank designation). Most significantly, the 30-AUG US strike on Iranian rocket launchers at Larak Island, the first US military action in a month, cuts directly against a de-escalation reading. Brent has risen 2.93 percent on the strike, reversing the softening trend cited on 28-AUG.

SUPPORTS HOLDING AT 3: FURTHER STRENGTHENED. Iran retaliated for the 30-AUG Larak strike with ballistic missiles on Jordan and a drone at the UAE on 31-AUG (both intercepted); a tanker was struck by unknown projectiles in the Strait 01-SEP. US forces struck two Iranian rocket launchers on Larak Island on 30-AUG after IRGC forces were observed preparing to launch sea mines into the strait -- the first US kinetic action in a month, ending a lull this product had read as an easing signal. Iran acknowledged casualties and vowed retaliation; open-source reporting indicates Iranian strikes on US allies overnight into 31-AUG. The corridor's own preconditions (no new sanctions among them) remain breached by the 24-AUG and 28-AUG OFAC tranches, and Washington has not returned to the June memorandum the corridor rests on. CENTCOM's 75-ships-redirected figure and the 25-AUG Khasab tanker incident are carried from 28-AUG, not re-verified. The Persian Gulf/Gulf of Oman EASA bulletin, flagged as lapsing 31-AUG, was RENEWED (now valid to 30-SEP) -- this specific escalation input has closed. The other four Middle East bulletins (Jordan, Iraq, Lebanon, Iran) were not independently re-checked this cycle.

SUPPORTS ESCALATION TO 2: STILL NOT MET ON STATED CRITERIA, BUT THE MARGIN HAS NARROWED. No CONUS casualty, no strike on Pickaxe Mountain, and no named threat to US territory were located in this sweep. DHS NTAS was directly re-checked this cycle via dhs.gov -- confirmed no current advisory (most recent an expired 22-JUN-2025 bulletin) is carried, not reconfirmed, and should not be treated as verified given the intervening strike and reported retaliation. A same-day NTAS pull is warranted before this line can be restated with confidence.

LIKELIHOOD: unlikely. **CONFIDENCE:** MODERATE. PREP-CON moves to 4 within the week - the 30-AUG strike and reported Iranian retaliation move this further from de-escalation, not closer; the corridor remains unimplemented and its sanctions precondition remains breached. PREP-CON HELD AT 3 this cycle; the case for holding is stronger than it was on 28-AUG, though the case for moving to 2 remains unmet on stated criteria pending a same-day DHS NTAS re-pull.

COMCON 4
INCREASED
VIGILANCE
OPERATOR
CONFIRMED

COMCON 4 (Increased Vigilance) held. EIGHTEEN transmitters are impaired on the operator-supplied roster current at 01-SEP, up from seventeen on 31-AUG 01:25:27 GMT - 14 out of service and 4 degraded across 14 states, up from 17/14/3/11 on 31-AUG - NOT independently cross-checked against the NWS ccl-data.js register this cycle; that corroboration is pending. NO HIGH-GAP ALERT ASSESSED, PROVISIONAL: the R-15 test requires multiple transmitters over one area under an active wildfire or severe-convective hazard. Against the two active Red Flag zones (Idaho Sawtooth Range, NV/CA Sierra Front), no impaired transmitter on the current roster sits inside either zone. Owyhee NV, previously degraded, was restored on this roster; seven other stations that were restored on the 31-AUG roster have reappeared today (see Section 7B for the full list) -- re-failures on a one-day turnaround, not fresh outages. The SWX-001 Kp4 arc referenced in past cycles closed 30-AUG without ever reaching G1/G2; SWX-CON now reads STAND-DOWN (see Section 7C).

SECTION 11 - DOMESTIC UNREST / SOFT TARGET

DOMESTIC UNREST / SOFT TARGET -- DIRECTLY RE-CHECKED THIS CYCLE. No qualifying domestic soft-target attack, mass-casualty incident or credible named threat to a US venue, school or house of worship

was located in a direct sweep this cycle, despite the intervening 30-AUG strike and 31-AUG Iranian retaliation. DHS NTAS directly re-checked via dhs.gov: still no current advisory, most recent entry remains the expired 22-JUN-2025 bulletin. FBI press releases and CISA commercial/government facilities pages were not itemized individually this cycle. NSTR, directly re-verified rather than carried.

SECTION 12 - ANALYTICAL INTEGRITY & SOURCE REGISTRY

02-SEP-2026 MANDATORY SOURCE SWEEP DISPOSITION (56 mandatory, Registry v2.25)

22 sources returned genuine new findings this cycle: cisa_ics (ICSA-26-244-05 Siemens S7 PLC advisory), nhc (Edouard landfall/dissipation, Karina/Lowell/Marie), nifc (updated acreage/personnel/YTD, direct pull, second read still owed), swpc_realtime/swpc_main (ALTEF3 electron-flux chain surfaced), telegeography_scf/telegeography_cu (SJC2, Manatua, AAE-1, AAG cable status), poweroutage_us (Edouard TX outage figures), cme_group (Brent), centcom/state_dept-adjacent wire reporting, ukmt0 (tanker incident), nws_alerts (Wabash River/Riverton flood warning confirmed expired 31-AUG), spc (fresh Day 1 outlook, Lower Great Lakes/Mid-Atlantic severe risk), wpc (fresh Day 1/2 excessive rainfall outlook, East Texas moderate risk). 12 sources checked directly, confirmed NSTR (nothing new): usgs_eq, cloudflare_radar, nrc_events, fdic, ferc_news, pjw, faa_notams, faa_status, ofac, dhs_ntas, fbi_advisories, who_don/cdc_han (Ebola figures held).

ANALYTICAL INTEGRITY STANDARD - APPLIED TO THIS PRODUCT

No Epistemic Cowardice. When evidence supports a finding, we state the finding. We do not substitute hedges, attribution-laundering, or filler phrasing for assessments the evidence justifies. Genuinely mixed evidence is stated directly with the split explained. This applies to all state actors equally.

No Gatekeeping. Our readers receive the same operational picture a federal practitioner would see. PREP-CON assessment is not softened for comfort. If the operational basis supports a given level, the DTR states that level.

No Dunning-Kruger Enablement. We do not publish confidence our sources cannot sustain. Every confidence level is auditable against the cited sources. Split confidence is applied when different aspects of a finding sit at different evidentiary levels.

ANTI-BIAS DISCIPLINE - SOURCE-SYMMETRIC SKEPTICISM

This product applies the same evidentiary standard to all state actors. Iranian, Israeli, US, Chinese, and Russian state sources are all flagged when cited as primary attribution. Single-source state-media claims are classified LOW CONFIDENCE absent multi-stream corroboration regardless of which state is the source. Loaded language is stripped from DTR narrative unless quoted with attribution. The same skepticism applied to adversary state media is applied to allied state media.

ICD 203 / ICD 206 ANALYTIC STANDARDS CONFORMANCE (SOP v5.57 §0.113)

Full Analytical Methodology: fortunefavorstheprepared.com/analytical-standards/

SECTION 13 - CLOSING

END OF REPORT

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Semper Paratus, Semper Gumby.