

ASA Evidence Release 001

EXECUTED: 2026-08-11 / STATUS: NEGATIVE PREDICTIVE RESULT

Research question

Can the current ASA precipitation trajectory pipeline identify next-day strong-rain events?

1,098 input observations; 363 temporal cutoffs; 24-hour horizon; 2 actual events. Baseline: current-day rainfall persistence.

Measure	ASA	Baseline
True positives	0	0
False positives	7	4
False negatives	2	2
True negatives	354	357
Mean squared event loss	0.0747	0.0288

Verdict

The end-to-end system worked. Predictive advantage was not demonstrated.

The current configuration missed both rare events and produced more false alarms than the baseline. ER-001 remains frozen; any revised method must become a new release.

Claim boundary

This is a retrospective engineering pilot, not a prospectively timestamped real-world forecast. The result demonstrates execution and auditability - not predictive superiority.

Integrity record

Manifest: e0c92cd303900e0604e4946bbc0898ad4a0106341b78784cc8f6cfa8c205fcea
Source: a4ef01d0e44c1e0ec49093fbada13ce58c5c7e0b0e525b213ed122a529a7ae81
Ledger: ef18421fc027f0ac34d5fa6f901111448ddd5c8f0fef457b0a98e28e05e5718d