WEDDING DATE AUDIT · SHOWCASE

Harbor Island, Bahamas

Wedding date selection · spring shoulder

Pleasant hours: daytime hours, 8am–10pm, with no rain and no thermal stress.

Two dates one week apart, both 'peak shoulder' — the 25-year audit shows the difference.

WEDDING EVENT-DAY FLOOR

with 90% statistical confidence

MAY 1	MAY 8
the weak window	*the rebound window*
6.0	11.0
pleasant hours / 14 daytime	pleasant hours / 14 daytime

Δ +5.0 hours of usable outdoor time per day

Same venue, one week apart.

May 1 sits in a rain-driven trough; May 8 is the local rebound peak. The 25-year audit tells you what's repeatable, not what's typical — the worst plausible day, not the average day.

A showcase of two contrasting dates. Your audit is scoped to your venue and candidate dates.

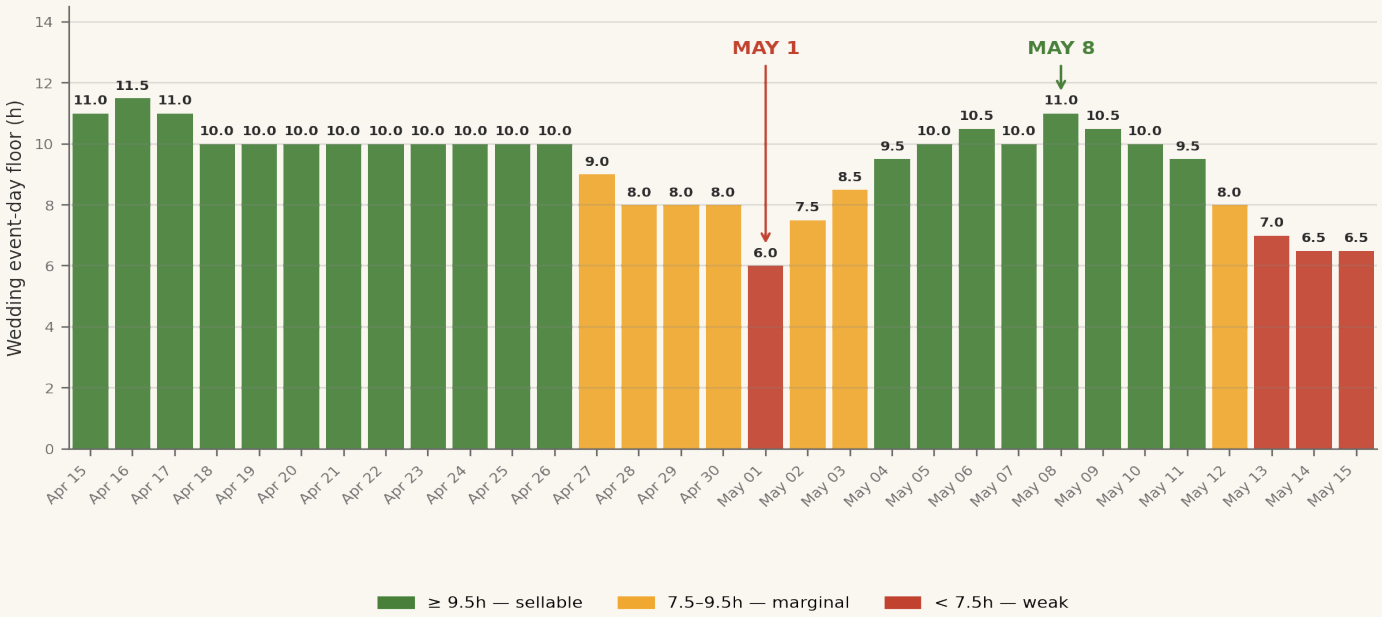
Audit scope · Harbor Island pixel (25.55°N, 76.65°W) · 25 years (Jul 2000–Jun 2025)
Composite channel (rain ∧ UTCI) · 8am–10pm local.

Full methodology: forelore.ai/methodology.html

THE 30-DAY WINDOW

Day-by-day, April 15 → May 15

Each bar = the wedding event-day floor for a wedding centered on that calendar date.
With 90% confidence, ≥90% of event-days clear this floor.



Read the chart

- Apr 15 → Apr 26: a solid 10–11h plateau (sellable across the whole period).
- Apr 27 → May 3: amber-then-red dip — the rain-driven trough centered on May 1.
- May 4 → May 11: clean recovery to a 9.5–11h shoulder, peaking May 8 (11.0h).
- May 12 → May 15: amber/red decline — the early wet-season ramp begins.

BLOCK-LEVEL SUPPORT

Inside the day

The headline floor is the daily total. The block profile shows where in the day that floor concentrates; for Workable or Constrained blocks the main constraint tells you what limits it.

May 1

Daily floor: 6.0h / 14h

Morning *8–11 local*
CONSTRAINED
Conservative floor: ≥32% pleasant
Main constraint: rain

Midday *11–14 local*
CONSTRAINED
Conservative floor: ≥16% pleasant
Main constraint: rain

Afternoon *14–18 local*
CONSTRAINED
Conservative floor: ≥36% pleasant
Main constraint: rain

Evening *18–22 local*
CONSTRAINED
Conservative floor: ≥24% pleasant
Main constraint: rain

May 8

Daily floor: 11.0h / 14h

Morning *8–11 local*
STRONG
Conservative floor: ≥82% pleasant

Midday *11–14 local*
WORKABLE
Conservative floor: ≥66% pleasant
Main constraint: rain

Afternoon *14–18 local*
STRONG
Conservative floor: ≥86% pleasant

Evening *18–22 local*
CONSTRAINED
Conservative floor: ≥62% pleasant
Main constraint: rain

What this means for the decision-maker

- May 8 holds all day — Strong morning and afternoon; only the evening is rain-constrained.
- May 1 is rain-constrained in every block — workable only with a committed covered backup.
- Place the ceremony in a Strong block; keep an evening reception under cover on either date.

METHODOLOGY

How we measure pleasant hours

What a pleasant hour is

A daytime hour — 8am to 10pm local, the 14 hours people actually use outdoors — counts as pleasant when there is no rain (< 0.1 mm/h) and no thermal stress (UTCI -13°C to +32°C). The floor is reported in pleasant hours out of those 14.

The two 90s

Coverage: an event-day clears the floor at least 90% of the time. Confidence: we hold that to 90% statistical confidence even on a 25-year record. Inter-annual autocorrelation was tested and is negligible for this rain-driven metric, so 25 years behave as ~25 independent samples.

Inside the day, and multi-day stays

The block profile holds each daytime block to the same 90/90 standard: Strong = at most 30 min non-pleasant, Workable = at most 1h, Constrained = more than 1h. For multi-day stays, a separate stay-floor mode reports the level held by at least 6 of the 7 days. For Harbor Island in early May both dates are rain-driven; thermal stress is not the binding constraint.

Data sources

Rain · NASA GPM IMERG Final V07, 0.1° lat/lon, 30-min temporal, Jul 2000–Jun 2025.
UTCI · Copernicus C3S thermal comfort (modified Copernicus Climate Change Service information).

Full methodology: forelore.ai/methodology.html