



# Event Operations Weather Report





**Issued:** Sunday, June 14, 2026 — 07:30 PM NDT

**Target Venue:** HarbourFest (St. John's, NL)

**Operational Window:** Monday, June 15 – Wednesday, June 17, 2026

## Summary & Alert Levels

Excellent structural setup conditions on Monday. On-site metrics deteriorate late Tuesday afternoon as an incoming low-pressure system introduces steady rainfall, high winds, and a localized lightning risk through Tuesday night.

Operational Risk Factor	Risk Level	Critical Action Window
Lightning & Severe	 MODERATE	Tuesday 08:00 PM to Wednesday 02:00 AM
Rain Timing/Load	 HIGH RISK	Tuesday 04:00 PM onward (Sustained heavy totals)
Wind Structural Load	 MODERATE	Wednesday AM (Northeasterly gusts up to 45 km/h)
Thermal Safety	 LOW RISK	Daytime peaks stable; nighttime chill requires monitoring

## High-Resolution Rain Timing & Lightning Tracker

The timeline below breaks down the arrival of the wet weather system on Tuesday, pinpointing exactly when gates, main-stage performances, and vendor setups will be affected.

### Pre-Frontal Overcast & Gate Prep

Tuesday — 12:00 PM NDT

Ceilings lower with high humidity, but conditions remain dry. Optimal window to finalize outdoor staging, sound checks, and volunteer orientations.

- *Precip Probability:* 20%
- *Action:* Complete all sensitive exposed electronic cabling by this time.

### **Onset of Light On-and-Off Showers**

Tuesday — 04:00 PM NDT

Initial band of light, patchy showers reaches the venue area.

- *Precip Probability:* 40%
- *Impact:* Light surface dampening. No drainage issues expected, but grass parking lots may begin losing traction if traffic is heavy.

### **Steady Rain Begins (Heavier Totals)**

Tuesday — 07:00 PM NDT

A solid shield of stratiform rain locks into the Avalon region. Rainfall rates picking up to 2-4 mm per hour.

- *Precip Probability:* 90%
- *Impact:* Poncho distribution recommended at gates. Ensure high-traffic pedestrian walkways are heavily gritted or covered to prevent slips.

### **Peak Rain & Localized Lightning Window**

Tuesday — 09:00 PM to 01:00 AM NDT

The main frontal boundary crosses the metro zone. Heavy, steady rain (10–15 mm total by midnight). A embedded convective line brings a 20% localized lightning risk within a 10 km radius of the venue.

- *Precip Probability:* 100%
- *Impact:* On-site weather tracker actively monitoring real-time strikes. Ready to trigger the 30-minute automated countdown if a strike hits within the safety zone.

### **Specialized Event Parameters**

Staging & Wind Impact Assessment

Wind direction changes sharply with the front, presenting shifting cross-load dynamics on temporary scaffolding and screens.

- Monday (Setup): Winds light from the North, shifting Easterly 15 km/h. Safe for high-elevation rigging.
- Tuesday (Event Day 1): Winds increasing out of the Northeast 20 to 30 km/h by evening. Main stage wind walls should remain secure, but check side scrim banners.
- Wednesday (Tear Down): Sustained Northeast 25 km/h with gusts topping 45 km/h. High risk for taking down large video walls or operating cranes. Postpone high-elevation structural teardowns until gusts drop below 35 km/h.

#### Cold & Heat Safety Guidance

- Peak Daytime Heat Load: Maximum Humidex of 15°C (Monday) to 17°C (Wednesday inland). Dehydration risks are minimal for attendees.
- Overnight Cold Risk: Nighttime temperatures dip to 6°C on Monday night and 7°C on Tuesday night. With high humidity and damp clothing from the Tuesday evening rain, the perceived temperature will feel closer to 3°C.

#### Live On-Site Support Status

For this event cycle, your dedicated support details include:

- 24/7 text and call support: Operational starting Monday at 08:00 AM through Wednesday at midnight.
- Threshold Alerts: Automated SMS pings will send immediately to all stage managers if wind gusts crack 40 km/h or if a lightning strike registers inside 15 km.
- Custom Adjustments: To adjust the alert thresholds for specific gear tolerances or change your notification contact, send us a message.