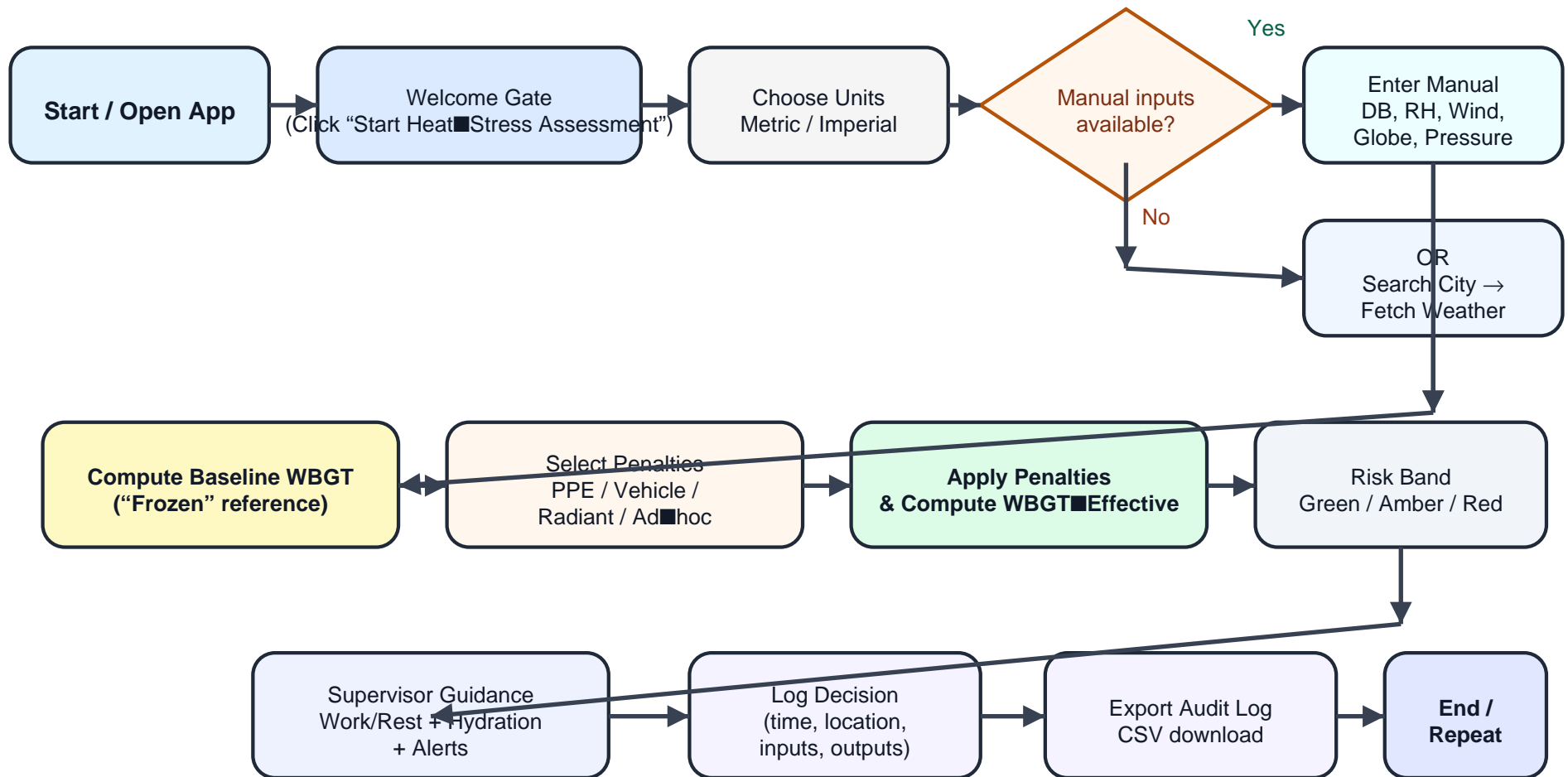# CHSRMT — Heat■Stress Risk Predictor (User Workflow)

Welcome Gate → Inputs → Baseline (Frozen) → Penalties → WBGT■Effective → Risk → Guidance → Log/Export

Start / Open App → Welcome Gate (Click "Start Heat■Stress Assessment") → Choose Units Metric / Imperial → Manual inputs available?

- **Yes** → Enter Manual DB, RH, Wind, Globe, Pressure
- **No** → OR Search City → Fetch Weather

Compute Baseline WBGT ("Frozen" reference) ← Select Penalties PPE / Vehicle / Radiant / Ad■hoc → **Apply Penalties & Compute WBGT■Effective** → Risk Band Green / Amber / Red

Supervisor Guidance Work/Rest + Hydration + Alerts → Log Decision (time, location, inputs, outputs) → Export Audit Log CSV download → **End / Repeat**

Key idea: "Baseline WBGT" is frozen after inputs so later penalty changes don't rewrite the baseline.
Only WBGT■Effective (baseline + penalties) drives the risk band, guidance, and logging.