



# REDLANDS UNIFIED SCHOOL DISTRICT

## Extreme Weather Safety Protocol

Compliance with CA Education Code § 33355 (SB 1248 Yahushua's Law), Cal/OSHA 8 CCR § 3395 & § 3396, and Board Policy 5141.75

### 1. Weather Monitoring & Decision Authority

- **High Schools (CVHS, RHS, REV):** Real-time environmental monitoring via on-site PerryWeather stations measuring ambient temperature and Wet Bulb Globe Temperature (WBGT).
- **Elementary & Middle Schools:** Condition tracking managed via the National Weather Service (NWS) local forecasts for ambient temperature.
- **Air Quality Monitoring (All Sites):** Tracked via AirNow.gov and South Coast AQMD localized neighborhood tools.
- **Daily Assessment Routine:** Site Principals or designees must check conditions before 7:00 AM daily (May–October). During active weather advisories, verification must repeat every 30 minutes.
- **Operational Decision Authority:** Site Principals maintain authority to modify/cancel site recess or PE. The Superintendent's Office retains exclusive authority for early school closures or district-wide cancellations.

### 2. Heat Risk Thresholds (CDPH Heat Risk Grid)

**Governing Rule:** If ambient temperature and WBGT readings differ in risk level, the more restrictive measurement dictates the mandatory response.

| RISK LEVEL               | WEATHER CONDITIONS                | REQUIRED ACTIONS & GUIDANCE                                                                                                                                                           |
|--------------------------|-----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 0 - Green<br>Little/None | Ambient < 85°F<br>WBGT < 80°F     | Normal activity. Standard precautions apply including continuous water access and available shaded relief areas.                                                                      |
| 1 - Yellow<br>Minor      | Ambient 85–89°F<br>WBGT 80–82°F   | Increase hydration frequencies; limit direct sun exposure; prioritize shade usage. IEP/504 health accommodations immediately active.                                                  |
| 2 - Orange<br>Moderate   | Ambient 90–94°F<br>WBGT 83–85°F   | Reduce strenuous outdoor activity. Move PE/Athletics to before 10:00 AM or after 5:00 PM where feasible. Mandatory hydration breaks every 15 minutes. High-risk students exempted.    |
| 3 - Red<br>Major         | Ambient 95–99°F<br>WBGT 86–89.9°F | Cancel outdoor activities 10:00 AM–5:00 PM. Relocate all PE, recess, and athletic practices indoors. PerryWeather alert pushed to all site staff. On-site cooling stations activated. |
| 4 - Magenta<br>Extreme   | Ambient ≥ 100°F<br>WBGT ≥ 90°F    | Cancel ALL outdoor activities for the entire day. Relocate or postpone all outdoor functions district-wide. Notify Superintendent, Risk Management, and families immediately.         |

### 3. Air Quality Index (AQI) Thresholds

**Active Wildfire Rule:** Move outdoor activities indoors immediately if visible smoke or smoke odor is present, regardless of online numeric AQI data reporting delays.

| AQI RANGE | CATEGORY                       | OUTDOOR ACTIVITY GUIDANCE                                                                                                                        |
|-----------|--------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| 0–50      | Good                           | Normal outdoor activities permitted.                                                                                                             |
| 51–100    | Moderate                       | Sensitive students (asthma, respiratory, cardiac conditions) must reduce prolonged outdoor exertion. Consideration for modifications at 100 AQI. |
| 101–150   | Unhealthy for Sensitive Groups | Sensitive students must be moved indoors; shorten outdoor duration for all general education students.                                           |
| 151+      | Unhealthy to Hazardous         | Cancel all outdoor activities. Move all students indoors into mechanically cooled/air-conditioned spaces. Families notified.                     |

*\*Students with documented respiratory or cardiac conditions are provided a formal modified program when AQI exceeds 138.*

### 4. Additional Environmental Safety Defaults

- **High Winds:** Limit outdoor activities during an NWS Wind Advisory ( $\geq 31$  mph sustained or  $\geq 46$  mph gusts); completely cancel all outdoor operations at the Warning level.
- **Flooding & Standing Water:** Cancel all outdoor activities immediately upon issuance of an NWS Flash Flood Watch or Warning for San Bernardino County.
- **Lightning & Thunderstorms (30-30 Rule):** Suspend outdoor activity immediately when thunder is heard, lightning is observed within 6 miles, or a PerryWeather automated alert is triggered. Resume outdoor activity only after 30 clear minutes have elapsed since the last detected strike.
- **Extreme Cold:** Modify outdoor activities when temperatures fall below 40°F with wind chill factored; cancel completely during an NWS Wind Chill Warning.

### 5. Indoor Spaces, Site Preparedness & Training

- **Approved Indoor Adjustments:** Utilize climate-controlled gyms, cafeterias, multi-purpose rooms, or libraries for video-guided movement, structured indoor sports, or educational enrichment.
- **Mandatory Site Resources:** Each campus must verify functioning shade structures, hydration stations, specialized heat-illness first aid kits, emergency ice packs, and operational AEDs with certified personnel.
- **Staff Training Requirements:** Mandatory refresher training is conducted each Fall for all staff. Focus includes identifying symptoms of heat/cold stress, managing clinical responses, protocol navigation, and mitigating risks for equity-vulnerable populations.

### 6. SB 1248 Governance & Communication

- **Communication Flow:** Internal alerts utilize automated PerryWeather push notifications, email blasts, and PA announcements. Family updates are coordinated via ParentSquare and multilingual automated channels.

- **Statutory Accountability:** In compliance with California Education Code § 33355, this protocol undergoes an annual evaluation featuring parent surveys, staff feedback, and student wellness committee data.
- **Board Reporting:** The Superintendent presents an annual compliance and updates report to the Governing Board.

## 7. Cal/OSHA Staff Safety & High-Heat Addendum

**Governing Mandates:** Cal/OSHA Title 8 CCR § 3395 (Outdoor Heat Illness Prevention) & Title 8 CCR § 3396 (Indoor Heat Illness Prevention).

While Sections 1–6 dictate student activity modifications under SB 1248 (EC § 33355), all district employees working in outdoor or unconditioned indoor environments remain fully covered by **Section 18 (Heat Illness Prevention Plan) of the RUSD Injury and Illness Prevention Program (IIPP)**. Site administrators, supervisors, and department heads must enforce the following staff protection standards alongside student weather triggers.

### 7.1 Mandatory Water Access (All Outdoor Operations)

- **Supply:** Site managers must ensure outdoor employees (M&O, grounds, transportation, security, coaches, recess supervisors) have immediate access to fresh, suitably cool drinking water.
- **Quantity:** Water must be provided free of charge at a minimum rate of **1 quart per hour per employee** for the duration of the entire work shift.

### 7.2 Shade & Preventative Cool-Down Breaks (80°F Outdoor Trigger)

- **Shade Setup:** When ambient outdoor temperatures equal or exceed **80°F**, physical shade structures must be opened or made immediately accessible in outdoor work areas.
- **Preventative Breaks:** Employees have the legal right to take a preventative cool-down rest period in the shade at any time they feel the need to protect themselves from overheating. Employees taking cool-down breaks must be monitored for symptoms.

### 7.3 Cal/OSHA High-Heat Procedures (95°F+ Outdoor Trigger)

When local site ambient temperatures equal or exceed **95°F**, supervisors must activate the following high-heat protocols in accordance with IIPP Section 18:

- **Employee Monitoring (Observation Method):** Supervisors must execute mandatory continuous employee observation using one of the following approved methods:
  1. **Mandatory Buddy System:** Outdoor staff are formally paired to visually observe and check on each other throughout the shift.
  2. **Direct Supervision:** A supervisor directly monitors groups of 20 or fewer outdoor workers.
  3. **Scheduled Radio/Phone Check-ins:** Mandatory two-way radio or phone contacts every 15–30 minutes for isolated/solo workers.
- **Pre-Shift Meetings:** Conduct brief pre-shift safety meetings to review heat stress signs, hydration, emergency response, and employee rights to shade/rest.
- **Mandatory Cool-Down Rest Periods:** Ensure outdoor workers take a minimum 10-minute cool-down rest break every two hours.

### 7.4 Indoor Workplace Heat Controls (82°F Indoor Trigger)

For indoor work areas without active climate control (e.g., kitchens, boiler rooms, gymnasiums, warehouses) reaching **82°F or higher**, site leads must provide designated cool-down areas, temperature monitoring, and accessible drinking water pursuant to 8 CCR § 3396.

## 7.5 Employee Acclimatization & Emergency Response

- **Acclimatization:** Supervisors must closely observe employees newly assigned to outdoor work or returning from an absence of 14 or more days during their first 14 days of outdoor heat exposure.
- **Emergency Response:** If an employee exhibits signs of severe heat illness (heat stroke: hot/dry skin, confusion, vomiting, loss of consciousness), call 911 immediately, apply cooling measures (ice packs/wet towels), and notify Risk Management.