**Status: ADOPTED** 

### **Regulation 3514: Environmental Safety**

Original Adopted Date: 07/09/2019 | Last Revised Date: 11/05/2019 | Last Reviewed Date: 11/05/2019

The Superintendent may designate and train one or more employees to oversee and coordinate the district's environmental safety program(s). The responsibilities of the coordinator(s) shall include, but are not limited to, overseeing assessments of district facilities, recommending strategies for the prevention and mitigation of environmental health risks, ensuring effective implementation of environmental safety strategies, and reporting to the Superintendent regarding the district's progress in addressing environmental safety concerns.

### **Indoor Air Quality**

In order to provide proper ventilation, humidity, and temperature in school facilities and to reduce indoor air contaminants, the following strategies shall be implemented:

- 1. Mechanically driven heating, ventilation, and air conditioning systems shall be operated continuously during working hours except under the circumstances specified in 8 CCR 5142. The systems shall be inspected at least annually and problems corrected within a reasonable time. Where the air supply is filtered, the filters shall be replaced or cleaned regularly to prevent significant reductions in airflow. Documentation of inspections, tests of ventilation rates, and maintenance shall be retained for at least five years. (8 CCR 5142-5143)
  - Staff shall ensure that airflow is not obstructed by the blocking of ventilators with posters, furniture, books, or other obstacles.
- 2. School facilities shall be regularly inspected for water damage, spills, leaks in plumbing and roofs, poor drainage, and improper ventilation so as to preclude the buildup of mold and mildew and prevent accidents due to unsafe conditions. Wet building materials and furnishings shall be dried within 48 hours if possible to prevent mold growth. When evidence of mold or mildew is found, maintenance staff shall locate and repair the source of water intrusion and remove or clean moldy materials.
- 3. Exterior wall and foundation cracks and openings shall be sealed as soon as possible to minimize seepage of radon into buildings from surrounding soils.
- 4. Least toxic pest management practices shall be used to control and manage pests at school sites. (Education Code 17608-17614; Food and Agriculture Code 13182)
- 5. A carbon monoxide detector or alarm shall be installed in all school buildings that contain a fuel-burning appliance, fireplace, or forced-air furnace, unless otherwise exempted by state law or regulations. The device or alarm shall be located in close proximity to the appliance in order to accurately detect and alert school personnel of any leakage of carbon monoxide. (24 CCR 915.1-915.7)
- 6. Schedules and practices for routine housekeeping and maintenance shall be designed to effectively reduce levels of dust, dirt, and debris. Plain water, soap and water, or low-emission cleaning products shall be used whenever possible. Aerosols, including air fresheners and other products containing ozone, shall be avoided to the extent possible.
- 7. Painting of school facilities and maintenance or repair activities that require the use of potentially harmful substances shall be limited to those times when school is not in session. Following any such activity, the facility shall be properly ventilated with adequate time allowed prior to reopening for use by any person.
- 8. Paints, adhesives, and solvents shall be used and stored in well-ventilated areas. These items shall be purchased in small quantities to avoid storage exposure.
- 9. To the extent possible, printing and duplicating equipment that may generate indoor air pollutants, such as methyl alcohol or ammonia, shall be placed in locations that are well ventilated and not frequented by students and staff.
- 10. The district's tobacco-free schools policy shall be consistently enforced in order to reduce the health risks caused by second-hand smoke.
- 11. Staff and students shall be asked to refrain from bringing common irritants such as furred or feathered animals,

stuffed toys that may collect dust mites, scented candles, incense, or air fresheners and from using perfume or cologne, scented lotion or hair spray, nail polish or nail polish remover, or other personal care products that are not fragrance-free in classrooms, school buses, or other enclosed areas or buildings.

#### **Outdoor Air Quality**

The Superintendent or designee may coordinate with the local air resources control board and monitor local health advisories and outdoor air quality alerts to obtain forecasts of ozone levels, particle pollution, ultraviolet radiation levels, lightning strikes, and/or temperature and humidity.

Whenever a forecast indicates a significant health or safety risk, the Superintendent or designee shall communicate with each principal so that outdoor activities, especially those requiring prolonged or heavy exertion, may be avoided, limited in duration, or modified as necessary for all persons or for persons who may be particularly susceptible to the health risk involved. Outdoor activities include PE, recess, athletic practice, training, and competitions.

Guidelines regarding heat advisory, air quality and lightning shall be provided to coaches, staff, and administrators. These guidelines are included as Exhibits to Administrative Regulation 3514.

#### **Reduction of Vehicle Emissions**

In order to reduce public exposure to toxic air contaminants, school bus drivers and other drivers of commercial motor vehicles shall limit unnecessary idling of vehicles at or near schools in accordance with 13 CCR 2480. The Superintendent or designee may also request parents/guardians to turn off their vehicles when they are idling on school grounds and encourage students to walk and/or bicycle to school.

Any school bus that is diesel-fueled, dual-fueled, or alternative diesel-fueled and has a gross vehicle weight rating over 14,000 pounds shall be equipped with a particulate filter designed to reduce particulate matter emissions, oxides of nitrogen emissions, and other pollutants. (13 CCR 2025)

#### **Drinking Water Safety**

The quality and safety of the district's drinking water sources shall be regularly assessed, and drinking fountains shall be regularly cleaned and maintained, to ensure that drinking water consumed at school does not contain dirt, mold, lead, or other impurities or contaminants that may cause serious health concerns.

Whenever any contaminants in the drinking water are determined to be a concern, the Superintendent or designee shall take reasonable steps to identify the source and mitigate any potential problem to ensure the availability of safe drinking water. As needed, the Superintendent or designee shall provide alternative sources of drinking water, such as bottled water or on-site water filtration, to ensure that students have access to fresh drinking water at mealtimes and at other times throughout the day.

Whenever testing of drinking water finds concentrations of lead that exceed federal and state standards, the Superintendent or designee shall notify parents/guardians and take immediate steps to shut down and make inoperable any fountains or faucets where excess lead levels may exist.

#### **Prevention of Lead Exposure**

In addition to testing for the presence of lead in drinking water in district schools, the following steps shall be taken to minimize potential exposure to lead in school facilities:

- 1. School facilities shall be kept as dust-free and clean as possible.
- 2. Lead-based paint, lead plumbing and solders, or other potential sources of lead contamination shall not be used in the construction of any new school facility or the modernization or renovation of any existing school facility. (Education Code 32244)
- 3. Lead exposure hazards shall be evaluated before any renovation or remodeling is begun, and children shall not be allowed in or near buildings in which these activities may create lead dust. Contractors and workers shall comply with state and federal standards related to the handling and disposal of lead debris and the clean-up and containment of dust within the construction area.

- 4. Lead-based painted surfaces that are in good condition shall be kept intact. If lead-based paint is peeling, flaking, or chalking, contractors or workers shall follow state and federal standards for safe work practices to minimize contamination when removing the paint.
- 5. Soil with low lead content may be covered with grass, other plantings, concrete, or asphalt. For soil with high lead content, removal and abatement are required.

Any action to abate existing lead hazards shall be taken only by contractors, inspectors, and workers certified by the California Department of Public Health in accordance with 17 CCR 35001-35099. (Education Code 32243)

The Superintendent or designee shall notify parent/guardians, teachers, and staff members if significant risk factors for lead exposure are found. (Education Code 32243)

### **Prevention of Mercury Exposure**

The Superintendent or designee shall identify any mercury-containing products that are present in district facilities and, to the extent possible, shall replace them with mercury-free alternatives.

Staff shall receive information about proper procedures to follow in the event of a mercury spill. Clean-up instructions, a clearly labeled kit with necessary clean-up supplies, and a list of local resources shall be readily accessible.

In the event of a spill, staff shall evacuate all students from the immediate area of the spill, ensure that any clothing or other items with mercury on them remain in the room, open windows to the outside, and close doors to other parts of the school. Staff who are trained in proper clean-up procedures may carefully clean a small spill. As needed for larger or difficult-to-clean spills, the Superintendent or designee shall use an experienced professional referred by the local health department or environmental agency.

Any products containing mercury shall be properly disposed at an appropriate hazardous waste collection facility.

#### Asbestos Management

The Superintendent shall designate an employee who shall ensure that the district's responsibilities related to asbestos inspection and abatement are implemented in accordance with federal and state regulations. This employee shall receive adequate training to perform these duties, including, as necessary, training on the health effects of asbestos; detection, identification, and assessment of asbestos-containing building materials; options for controlling asbestos-containing building materials; asbestos management programs; and relevant federal and state regulations. (40 CFR 763.84)

The designated employee shall ensure that the district complies with the following requirements:

- 1. School facilities shall be inspected for asbestos-containing building materials as necessary in accordance with the following:
  - a. Any school building that is leased, acquired, or otherwise used by the district shall be inspected for asbestos-containing building materials prior to its use as a school building, unless exempted by federal regulations. (40 CFR 763.85, 763.99)
  - b. At least once every six months, the district shall conduct a periodic surveillance consisting of a visual inspection of each school building that contains or is assumed to contain asbestos-containing building materials. (40 CFR 763.92)
  - c. At least once every three years, the district shall conduct a re-inspection of all known or assumed asbestos-containing building materials in each school building. (40 CFR 763.85)
- 2. Based on the results of the inspection, an appropriate response which is sufficient to protect human health and the environment shall be determined from among the options specified in 40 CFR 763.90. The district may select the least burdensome response, taking into consideration local circumstances, including occupancy and use patterns within the school building and economic concerns such as short-term and long-term costs. (40 CFR 763.90)
- 3. An asbestos management plan for each school site shall be maintained and regularly updated to keep it current with ongoing operations and maintenance, periodic surveillance, inspection, re-inspection, and response action

activities. (15 USC 2643; 40 CFR 763.93)

The asbestos management plan shall be available for inspection in district and school offices during normal business hours. Parent/guardian, teacher, and employee organizations shall be annually informed of the availability of these plans. (40 CFR 763.84, 763.93)

- 4. Staff, students, and parents/guardians shall be informed at least once each school year about any inspections, response actions, and post-response actions, including periodic re-inspection and surveillance activities, that are planned or in progress. (40 CFR 763.84)
- 5. Inspections, re-inspections, periodic surveillance, and response actions, including operations and maintenance, shall be conducted in compliance with state and federal regulations for the protection and safety of workers and all other individuals. (Education Code 49410.5; 40 CFR 763.84, 763.90)
  - Asbestos inspection and abatement work, preparation of a management plan, and any maintenance activities that may disturb asbestos-containing building materials, except for emergency repairs or small-scale, short-duration maintenance activities, shall be completed by state-certified asbestos inspectors or contractors. (15 USC 2646; 40 CFR 763.84, 763.85, 763.91)
- 6. All custodial and maintenance employees shall be properly trained in accordance with applicable federal and/or state regulations. (40 CFR 763.84)
  - All district maintenance and custodial staff who may work in a building that contains asbestos-containing building materials, regardless of whether they are required to work with such materials, shall receive at least two hours of related asbestos awareness training. New maintenance and custodial staff shall receive such training within 60 days after beginning employment. Any maintenance or custodial staff who conduct activities that will disturb asbestos-containing building materials shall receive 14 hours of additional training. The trainings shall address the topics specified in 40 CFR 763.92. (15 USC 2655; 40 CFR 763.84, 763.92)
- 7. Short-term workers, such as telephone repair workers, utility workers, or exterminators, who may come in contact with asbestos in a school shall be provided information regarding the locations of known or suspected asbestos-containing building materials. (40 CFR 763.84)
- 8. Warning labels shall be posted immediately adjacent to any known or suspected asbestos-containing building material located in routine maintenance areas in accordance with 40 CFR 763.95. (40 CFR 763.84)

The district shall maintain, in both the district and school offices and for a period of three years, records pertaining to each preventive measure and response action taken; staff training; periodic surveillances conducted; cleaning, operations, and maintenance activities; and any fiber release episode. (40 CFR 763.94)

The Turlock Unified School District ("TUSD") has implemented an Air Quality Alert Advisory System to monitor data regarding local air quality and to notify site administrators of conditions that could affect activities for students and staff. The administration monitors reports by ValleyAir.org, California Interscholastic Federation ("CIF"), and other reporting stations each day to determine the forecast and real-time air quality conditions. The District employs a 5-level color system to advise students and staff of the forecast and current air quality conditions as follows:

#### **Air Quality Guidelines**

- 1. Coaches, staff, and administrators are expected to exercise good judgment in evaluating the appropriate activities given the current conditions and adjusting activities appropriately.
- 2. Site administration needs to monitor conditions for all "away" athletic competitions and ensure these guidelines are being followed for our TUSD coaches, athletes, and staff. In consultation with the Business Services office, cancelation or postponement of start times based on hourly forecasts may be required.
- 3. Should there be a possibility of canceling or postponing start times based on hourly forecasts, site administration needs to consult with the Assistant Superintendent of Business Services and, if determined, inform visiting teams as well as hosting teams for away competitions of our policy and potential cancelations or postponements by 11AM the day of the competition.
- 4. Vigorous activity is defined by the Centers for Disease Control as activities greater than 6.0 METs. Specific examples can be found at www.cdc.gov/nccdphp/dnpa/physical/pdf/PA\_Intensity\_table\_2\_1.pdf.

#### **Air Quality Protocols**

Each day the following protocols are used to monitor and advise school sites of air quality conditions:

- 1. ValleyAir.org issues the daily forecast and updated local air quality information.
- 2. Prior to 11 AM, the TUSD Safety Office reviews forecasts and compares to current conditions. Any current condition other than GREEN or YELLOW is forwarded to:
  - a. Principal(s)
  - b. Assistant Principal(s)
  - c. Site Administrative Secretaries
  - d. Athletic Director(s)
  - e. Athletic Trainer(s)
  - f. District Communications Coordinator
- 3. School Sites will implement the Color Code Alerts consistent with the San Joaquin Valley Air Pollution Control District Real-Time Outdoor Activity Risk ("ROAR") guidelines. Air quality conditions listed below and activity restrictions apply to indoor and outdoor spaces.
- 4. Staff will be notified by site administration regarding any current condition color other than GREEN or YELLOW.
- 5. The Safety Office will issue updates as they may occur throughout the day.
  - a. LEVEL 1 GREEN: Air quality is "good" (Particulate Matter 1-12 Âμg/m3 or Ozone 1-59 ppb). All activities will be permitted for all students and staff.
  - b. LEVEL 2 YELLOW: Air quality is "moderate" (Particulate Matter 13-35  ${\rm \hat{A}\mu g/m3}$  or Ozone 60-75 ppb). All activities will be permitted for all students and staff while encouraging sensitive individuals to medically manage their condition.
  - c. LEVEL 3 ORANGE: Air quality is "unhealthy for sensitive individuals" (Particulate Matter 36-55 Âμg/m3 or Ozone 76-95 ppb). All activities will be permitted for most students and staff. Sensitive individuals should exercise indoors or avoid vigorous outdoor activities.
    - i. PE and Recess Recess and PE are allowed. Sensitive individuals should exercise indoors or avoid vigorous outdoor activities.
    - ii. Athletic Practice & Training Reduce vigorous exercise to 30 minutes per hour of practice time with increased rest breaks and substitutions. Ensure sensitive individuals are medically managing their condition.
    - iii. Athletic Competitions Increase rest breaks and substitutions. Ensure sensitive individuals are medically managing their condition.
  - d. LEVEL 4 RED: Air quality is "unhealthy for all" (Particulate Matter 56-75 Âμg/m3 or Ozone 96-115 ppb). Vigorous activities should be minimized. Sensitive individuals should remain indoors.
    - i. PE and Recess Recess should be conducted indoors or reduce vigorous outdoor activities.
      Vigorous PE activities should be limited to 15 minutes or less. Sensitive individuals should remain indoors and avoid all vigorous activities.
    - ii. Athletic Practice & Training Exercise indoors or reduce vigorous exercise to 30 minutes total with increased rest breaks and substitutions. Sensitive individuals should remain indoors.
    - iii. Athletic Competitions Increase rest breaks and substitutions. Ensure sensitive individuals are

medically managing their condition.

- e. LEVEL 5 PURPLE: Air quality is "very unhealthy for all" (Particulate Matter >75 Âμg/m3 or Ozone >115 ppb). No outdoor activities permitted.
  - i. No outdoor activities allowed; all activities should be moved indoors.
  - ii. No indoor or outdoor vigorous activities allowed.
  - iii. All indoor and outdoor athletic competitions should be rescheduled until conditions allow or be relocated.
  - iv. The Superintendent may consider closing schools if conditions persist.

The Turlock Unified School District ("TUSD") has implemented a Heat Advisory System to monitor data regarding extreme heat and to notify side administrators of conditions that could affect activities for students and staff. The administration monitors reports by The Weather Channel and other local reporting agencies each day to determine the forecast and real-time heat conditions. The District employs a 5-level color system to advise students and staff of forecast and current conditions as follows:

#### **Heat Guidelines**

- 1. Coaches, staff, and administrators are expected to exercise good judgment in evaluating the appropriate activities given the current conditions and adjusting activities appropriately.
- 2. Water should always be available during practice and outdoor activities. Proper hydration is imperative during high heat conditions; this includes water activities such as swimming and water polo. Coaches, staff, and administration should encourage water consumption during each break.
- 3. Sunscreen and appropriate clothing are highly encouraged in all situations.
- 4. Site administration needs to monitor conditions for all "away" athletic competitions and ensure these guidelines are being followed for our TUSD coaches, athletes, and staff. In consultation with the Business Services office, cancelation or postponement of start times based on hourly forecasts may be required.
- 5. Should there be a possibility of canceling or postponing start times based on hourly forecasts, site administration needs to consult with the Assistant Superintendent of Business Services and, if determined, inform visiting teams as well as hosting teams for away competitions of our policy and potential cancelations or postponements by 11AM the day of the competition.
- 6. For athletic practices and competitions, Athletic Trainers, Athletic Directors, and/or Site Administrators are expected to monitor Wet Bulb Globe Temperature (WBGT) on-the-ground conditions using the Kestrel 5400 WBGT Heat Stress Tracker & Weather Meter at the start, and every 30 minutes, during Orange, Red, or Purple heat advisory periods.
- 7. Vigorous activity is defined by the Centers for Disease Control as activities greater than 6.0 METs. Specific examples can be found at www.cdc.gov/nccdphp/dnpa/physical/pdf/PA\_Intensity\_table\_2\_1.pdf.

#### **Heat Advisory Protocols**

Each day the following protocols are used to monitor and advise school sites of the heat conditions:

- 1. Weather agencies issue the daily forecast.
- 2. Prior to 11 AM, the Safety Office reviews the forecasts and compares to current conditions. Any current condition other than GREEN or YELLOW is forwarded to the following:
  - a. Principal(s)
  - b. Assistant Principal(s)
  - c. Site Administrative Secretaries

- d. Athletic Director(s)
- e. Athletic Trainer(s)
- f. District Communications Coordinator
- 3. School Sites will implement the Color Code Alerts as indicated below. Temperature conditions listed below and activity restrictions apply to outdoor and un-conditioned indoor spaces.
- 4. Staff will be notified by site administration regarding any current condition color other than GREEN or YELLOW.
- 5. The Safety Office will issue updates as they may occur that day.
  - a. LEVEL 1 GREEN: The temperature is "good" (temperature and heat index below 85 degree is considered healthy for everyone). Outdoor and un-conditioned indoor activities will be permitted for all students and staff.
  - b. LEVEL 2 YELLOW: The temperature is "moderate" (temperature or heat index between 86-89 degrees is potentially unhealthy). Fatigue is possible with prolonged exposure and physical activity.
    Outdoor and un-conditioned indoor activities will be permitted for all students and staff. Adequate water supply should be provided at all practices and competitions with breaks every 20-30 minutes for rehydration.
  - c. LEVEL 3 ORANGE: The temperature is "acute" (temperature or heat index between 90-94 degrees is potentially unhealthy). Sunstroke, heat cramps, and heat exhaustion are possible. Frequent breaks from physical activities should occur on orange days. Individuals should seek shade and water during breaks.
    - i. Non-Athletic Activities A 5-minute break every 30 minutes (in the shade if possible) must be included. Total outdoor and un-conditioned indoor activities should not exceed 2 hours.
    - ii. Athletics Measure WBGT and follow specific WBGT guidelines below.
  - d. LEVEL 4 RED: The temperature is "severe" (temperature or heat index between 95-104 degrees is unhealthy). Sunstroke, heat cramps, and heat exhaustion are likely; heat stroke is possible. On red days, individuals should avoid outdoor and un-conditioned indoor activities; alternative indoor activities will be made available in conditioned spaces for all students. Frequent breaks from physical activities should occur on red days. Individuals should seek shade and water during breaks.
    - i. For temperature or heat index of 95 to 99 degrees:
      - A. Non-Athletic Activities Grass fields are preferred for all outdoor activities. A 5-minute break every 20 minutes (in the shade if possible) must be included. Total outdoor and unconditioned indoor activities should not exceed 2 hours.
      - B. Athletics Measure WBGT and follow specific WBGT guidelines below.
    - ii. For temperature or heat index of 100 to 104 degrees:
      - A. Non-Athletic Activities Grass fields are required for all outdoor activities. Vigorous activities should be eliminated. A 5-minute break every 20 minutes (in the shade if possible) must be included. Total outdoor and un-conditioned indoor activities should not exceed 1 hour.
      - B. Athletics Measure WBGT and follow specific WBGT guidelines.
  - e. LEVEL 5 PURPLE: The temperature is "extreme" (temperature or heat index of 105 degrees or above is unhealthy). Sunstroke, heat cramps, and heat exhaustion is likely to occur. Heat stroke is highly likely with continued exposure. On purple days, individuals should avoid outdoor and un-conditioned indoor activities; alternative indoor activities will be made available in conditioned spaces for all students.

Frequent breaks from physical activities should occur on purple days. Individuals should seek shade and water during breaks.

- i. Non-Athletic Activities All outdoor and un-conditioned indoor activities should be cancelled or postponed until conditions allow.
- ii. Athletics Measure WBGT and follow specific WBGT guidelines below.

Wet Bulb Globe Temperature (WBGT) Policy for Athletics:

# WBGT 87-89.9 degrees:

- 1. All Athletic Activities A 5-minute break every 30 minutes (in the shade if possible) must be included. Total outdoor and un-conditioned indoor activities should not exceed 2 hours.
- 2. Football Full pads allowed with helmets off during breaks.
- 3. Cross Country Runners should run a course where all athletes can be viewed by a coach at all times, preferably on campus.

#### WBGT 90-90.9 degrees:

- 1. All Athletic Activities Grass fields are preferred for all outdoor activities. A 5-minute break every 20 minutes (in the shade if possible) must be included. Total outdoor or un-conditioned indoor activities should not exceed 2 hours.
- 2. Tennis Modified practice or appropriate skill building exercises should be held on grass fields or in conditioned indoor spaces.
- 3. Football Full pads allowed with helmets off during breaks.
- 4. Cross Country Runners should run a course where all athletes can be viewed by a coach at all times, preferably on campus.

# WBGT 91-91.9 degrees:

- 1. Middle School Athletics All outdoor or un-conditioned indoor activities, including athletic competitions, should be cancelled or postponed.
  - a. High SchoolAll
    - Athletic Activities No practice on artificial turf fields, blacktop, or tennis courts. A 5-minute break every 15 minutes (in the shade if possible) must be included. Total outdoor or un-conditioned indoor activities should not exceed 1.5 hours.
    - ii. Tennis Modified practice or appropriate skill building exercises should be held on grass fields or in a conditioned indoor space.
    - iii. Football T-shirts, shorts, and helmets only for practice with helmets off during breaks. Increased breaks and substitutions for competitions.
    - iv. Cross Country Runners must run a course where all athletes can be viewed by a coach at all times, preferably on campus.

# WBGT equal to or above 92 degrees:

1. All Athletic Activities - All outdoor and un-conditioned indoor activities, including athletic competitions, should be cancelled or postponed until conditions allow.

The Turlock Unified School District (TUSD) has implemented a Lightning Advisory System to monitor data regarding lightning strikes and to notify site administrators of conditions that could affect activities for students and staff. The administration monitors reports by WeatherBug.com and other reporting stations each day to determine the forecast and real-time lightning strikes. The District employs a 5-level color system to advise students and staff of the

forecast and current conditions as follows:

## **Lightning Guidelines**

- 1. Coaches, staff, and administrators are expected to exercise good judgment in evaluating the appropriate activities given the current conditions and adjusting activities appropriately.
- 2. Site administration needs to monitor conditions for all "away" athletic competitions and ensure these guidelines are being followed for our TUSD coaches, athletes, and staff. In consultation with the Business Services office, cancelation or postponement of start times based on hourly forecasts may be required.
- 3. Should there be a possibility of canceling or postponing start times based on hourly forecasts, site administration needs to consult with the Assistant Superintendent of Business Services and, if determined, inform visiting teams as well as hosting teams for away competitions of our policy and potential cancelations or postponements by 11AM the day of the competition.

## **Lightning Protocols**

Each day the following protocols are used to monitor and advise school sites of weather conditions:

- 1. WeatherBug.Com issues the daily forecast.
- 2. Prior to 11 AM, the Safety Office reviews forecasts and compares to current conditions. Any current condition other than GREEN or YELLOW is forwarded to:
  - a. Principal(s)
  - b. Assistant Principal(s)
  - c. Site Administrative Secretaries
  - d. Athletic Director(s)
  - e. Athletic Trainer(s)
  - f. District Communications Coordinator
- 3. School Sites will implement the Color Code Alerts as indicated below. Lightning conditions listed below and activity restrictions apply to all outdoor activities.
- 4. Staff will be notified by site administration regarding any current condition color other than GREEN or YELLOW.
- 5. The Safety Office will issue updates as they may occur throughout the day.
  - a. LEVEL 1 GREEN: No nearby storms, no threat of inclement weather. Outdoor activities are permitted.
  - b. LEVEL 2 YELLOW: Nearby storms, threat of inclement weather, no lightning strikes within 30 miles. Outdoor activities are permitted.
  - c. LEVEL 3 ORANGE: Lightning strikes within 20-30 miles. Coaches, staff, and administrators should exercise good judgment in evaluating appropriate activities given current conditions.
  - d. LEVEL 4 RED: Lightning strikes within 10-20 miles. Coaches, staff, and administrators should increase monitoring of lightning strikes at weatherbug.com/alerts/spark. Preparations should be made to move indoors, including public announcements for all public events to inform participants of potential lightning strikes.
  - e. LEVEL 5 PURPLE: Lightning strikes within 10 miles. Individuals should move to safe location as per site specific plans. Individuals must remain indoors for at least 30 minutes after the last lightning strike within 6-10 miles.