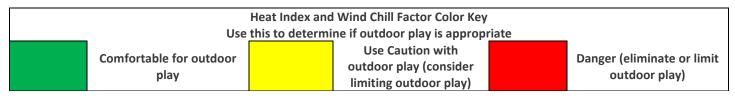
Hays CISD Weather and Air Quality Guidelines for Non-UIL Outdoor Activity

The following guidelines **should be observed** for general activities <u>during the school day</u> including recess and PE. Campuses should use these guidelines to determine if outdoor play is appropriate. Other weather factors such as rain and cloud cover should be considered when making this determination. These guidelines do not apply to UIL activities; UIL activities are guided by UIL weather guidelines.

**Certain students and staff, because of existing medical conditions or risk factors, may need to exercise additional precautions. These conditions may include but are not limited to asthma, heart conditions, respiratory conditions, immunosuppression, cystic fibrosis, etc. Consult with the campus nurse regarding individual concerns. Use the charts below to assist in planning for safe daily outdoor time. To determine the current temperature, humidity, and wind speed, the district approved desktop weather application should be used. Airnow.gov should be used to determine the current air quality index.

| Heat Index Chart | | | | | | | | | | | | | | |
|------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Relative Humidity (%) | | | | | | | | | | | | | | |
| Air Temperature (F) | | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 95 | 100 |
| | 80 | 80 | 80 | 81 | 81 | 82 | 82 | 83 | 84 | 84 | 85 | 86 | 86 | 87 |
| | 84 | 83 | 84 | 85 | 86 | 88 | 89 | 90 | 92 | 94 | 96 | 98 | 100 | 103 |
| | 90 | 91 | 93 | 95 | 97 | 100 | 103 | 105 | 109 | 113 | 117 | 122 | 127 | 132 |
| | 94 | 97 | 100 | 103 | 106 | 110 | 114 | 119 | 124 | 129 | 135 | | | |
| | 100 | 109 | 114 | 118 | 124 | 129 | 130 | | | | | | | |
| | 104 | 119 | 124 | 131 | 137 | | | | | | | | | |

| Wind Chill Factor Chart | | | | | | | | | | |
|-------------------------|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|
| Wind Speed (mph) | | | | | | | | | | |
| Air Temperature (F) | | Calm | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 |
| | 40 | 40 | 36 | 34 | 32 | 30 | 29 | 28 | 28 | 27 |
| | 30 | 30 | 25 | 21 | 19 | 17 | 16 | 15 | 14 | 13 |
| | 20 | 20 | 13 | 9 | 6 | 4 | 3 | 1 | 0 | -1 |
| | 10 | 10 | 1 | -4 | -7 | -9 | -11 | -12 | -14 | -15 |
| | 0 | 0 | -11 | -16 | -19 | -22 | -24 | -26 | -27 | -29 |
| | -10 | -10 | -22 | -28 | -32 | -35 | -37 | -39 | -41 | -43 |



| | | Air Q | uality Index | | | | | | |
|-----------|--|----------------|---|--|--|--|--|--|--|
| (AQI) | | | | | | | | | |
| Daily AQI | AQI Levels of Concern Values of Index Description of Air Quality | | | | | | | | |
| Green | n Good 0 to 50 | | Air quality is satisfactory, and air pollution poses little or no risk. | | | | | | |
| Yellow | Moderate | 51 to 100 | Air quality is acceptable. However, there may be a risk for some people, particularly those who are unusually sensitive to air pollution. | | | | | | |
| Orange | Unhealthy for Sensitive Groups | 101 to 150 | Members of sensitive groups may experience health effects. The general public is less likely to be affected. | | | | | | |
| Red | Unhealthy | 151 to 200 | Some members of the general public may experience health effects; members of sensitive groups may experience more serious health effects. | | | | | | |
| Purple | Very Unhealthy | 201 to 300 | Health alert: The risk of health effects is increased for everyone. | | | | | | |
| Maroon | Hazardous | 301 and higher | Health warning of emergency conditions: everyone is more likely to be affected. | | | | | | |