




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

The following guidelines **should be observed** for general activities during the school day 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](https://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

Heat Index and Wind Chill Factor Color Key			
Use this to determine if outdoor play is appropriate			
	Comfortable for outdoor play		Use Caution with outdoor play (consider limiting outdoor play)
			Danger (eliminate or limit outdoor play)

Air Quality Index (AQI)			
Daily AQI	Levels of Concern	Values of Index	Description of Air Quality
Green	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.