

HEAT INDEX CHART

		RELATIVE HUMIDITY								
		10 %	20%	30%	40%	50%	60%	70%	80%	90%
TEMPERATURE F°	104°	98	104	110	120	>130	>130	>130	>130	>130
	102°	97	101	108	117	125	>130	>130	>130	>130
	100°	95	99	105	110	120	>130	>130	>130	>130
	98°	93	97	101	106	110	125	>130	>130	>130
	96°	91	95	98	104	108	120	128	>130	>130
	94°	89	93	95	100	105	111	122	128	>130
	92°	87	90	92	96	100	106	115	122	128
	90°	85	88	90	92	96	100	106	114	122
	88°	82	86	87	89	93	95	100	106	115
	86°	80	84	85	87	90	92	96	100	109
	84°	78	81	83	85	86	89	91	95	99
	82°	77	79	80	81	84	86	89	91	95
	80°	75	77	78	79	81	83	85	86	89
	78°	72	75	77	78	79	80	81	83	85
	76°	70	72	75	76	77	77	77	78	79
	74°	68	70	73	74	75	75	75	76	77

Directions: Locate the current temperature on the left column and then locate the relative humidity on the top row. Follow the temperature across and the humidity down until they meet; this measurement is the heat Index. The heat Index will increase 15 degrees in direct sunlight.

*Information from National Weather Service, USAF, Texas A&M University

Extreme Danger: Heat Stroke likely to occur when working under these conditions. President (or designee) will issue Heat Stroke Alert requiring UT Tyler employees to be removed from such an environment.

Danger: Heat Exhaustion or Heat Cramps likely. Heat Stroke may occur upon prolonged exertion. Appropriate Vice-President will approve any employees who are requested to continue working in such an environment.

Extreme Caution: Heat Cramps or Heat Exhaustion likely to occur. Supervisors will implement adjusted schedules and procedures.

Caution: Heat Fatigue may occur. Normal summer working conditions should be observed.