

Hot Weather Guidelines

- Try to exercise during the cooler parts of the day, such as in the morning and evening.
- Avoid exercising when the temperature is at its peak during mid-morning and afternoon.
- Always check the weather before exercising outside. The summer months can bring many unexpected storms and weather changes.
- Be sure the temperature and humidity are in safe parameters to exercise. When temperature and humidity levels are greater than 170, do not go outside. If they are between 170-150, use extreme caution. Finally, if they are under 150, it is considered optimal for safe exercise.
- For example, if the temperature outside is 95 degrees and the humidity is 60% $95 + 60 = 155$

This gives a combined number of 155. This means you need to use extreme caution!

Temperature + Humidity >170
 Temperature + Humidity 170-150
 Temperature + Humidity < 150

Do not go outside!
 Use Extreme Caution!
 Optimal Range!

Relative Humidity (%) furnished by National Weather Service Gray, ME

°F	Relative Humidity (%)												
	40	45	50	55	60	65	70	75	80	85	90	95	100
110	136												
108	130	137											
106	124	130	137										
104	119	124	131	137									
102	114	119	124	130	137								
100	109	114	118	124	129	136							
98	105	109	113	117	123	128	134						
96	101	104	108	112	116	121	126	132					
94	97	100	103	106	110	114	119	124	129	135			
92	94	96	99	101	105	108	112	116	121	126	131		
90	91	93	95	97	100	103	106	109	113	117	122	127	132
88	88	89	91	93	95	98	100	103	106	110	113	117	121
86	85	87	88	89	91	93	95	97	100	102	105	108	112
84	83	84	85	86	88	89	90	92	94	96	98	100	103
82	81	82	83	84	84	85	86	88	89	90	91	93	95
80	80	80	81	81	82	82	83	84	84	85	86	86	87

Heat Index
(Apparent Temperature)

With Prolonged Exposure and/or Physical Activity

Extreme Danger
Heat stroke or sunstroke highly likely
Danger
Sunstroke, muscle cramps, and/or heat exhaustion likely
Extreme Caution
Sunstroke, muscle cramps, and/or heat exhaustion possible
Caution
Fatigue possible