

Notes: Humidity Topics

name: _____

Saturated: _____

Specific Humidity: _____

Capacity: _____

Relative Humidity: a comparison between the actual amount of water vapor in the air (specific humidity) and

_____ (_____)

Where	# in gym	capacity	how full?
HHS Gym	2000	2600	%
Carroll Gym	2000	3400	%

Time	Temp.	S. Humidity	Capacity	R.H.
6 pm	86 F	13 g/m ³	30 g/m ³	____%
10 pm	68 F	13 g/m ³	17 g/m ³	____%
2 am	59 F	13 g/m ³	13 g/m ³	____%
6 am	50 F	____g/m ³	9 g/m ³	____%

Heat Index: A “feels like” temperature based on

_____ and _____

Chicago Heat Wave of 1995:

Felt like _____

Dew Point

Temperature at which air becomes _____

If it gets colder than the dew point, _____

What causes dew points to vary from location to location?



Sometime this week, go to bengalfrosh.com -> **Benson’s website** -> **Unit 3** and watch the ***Relative Humidity*** Pencasts.

Also, read text pages 504-509 (Honors students read 490-496).