

Relative Humidity

Name _____

Relative humidity is the amount of water vapor that the air can hold at a certain temperature. Relative humidity is measured with a hygrometer.

Use the table to find the relative humidity for the data recorded on the chart below.

Day	Dry Temp.	Wet Temp.	Relative Humidity
Mon.	22°	21°	
Tue.	23°	21°	
Wed.	21°	19°	
Thur.	19°	18°	
Fri.	18°	15°	
Sat.	19°	15°	
Sun.	17°	13°	

Dry bulb temp. °C	Difference between wet and dry temperatures							
	1°	2°	3°	4°	5°	6°	7°	8°
15°	90	80	71	61	53	44	36	27
16°	90	81	71	63	54	46	38	30
17°	90	81	72	64	55	47	40	32
18°	91	82	73	65	57	49	41	34
19°	91	82	74	65	58	50	43	36
20°	91	83	74	66	59	51	44	37
21°	91	83	75	67	60	53	46	39
22°	92	83	76	68	61	54	47	40
23°	92	84	76	69	62	55	48	42
24°	92	84	77	69	62	56	49	43
25°	92	84	77	70	63	57	50	44
26°	92	85	78	71	64	58	51	46
27°	92	85	78	71	65	58	52	47

Use your data to make a graph of the relative humidity.

