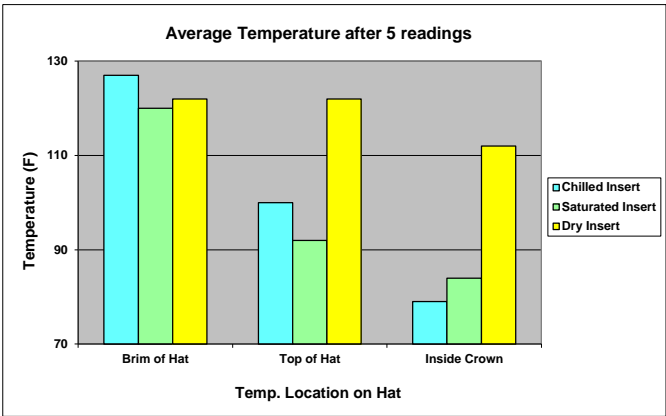


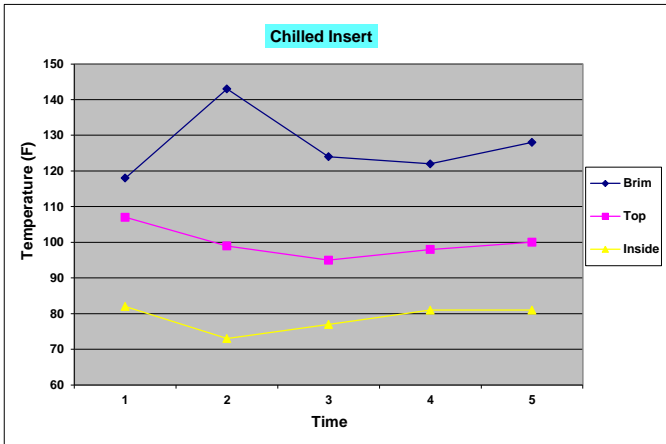
HyperKewl Evaporative Cooling Insert Test for Hat

Date:	9-Sep-16
Outdoor Temp.:	77F-80.6F / 25C-27C
Relative Humidity:	48%
Wind Speed:	Light Breeze
Sky Conditions:	Clear, Sunny

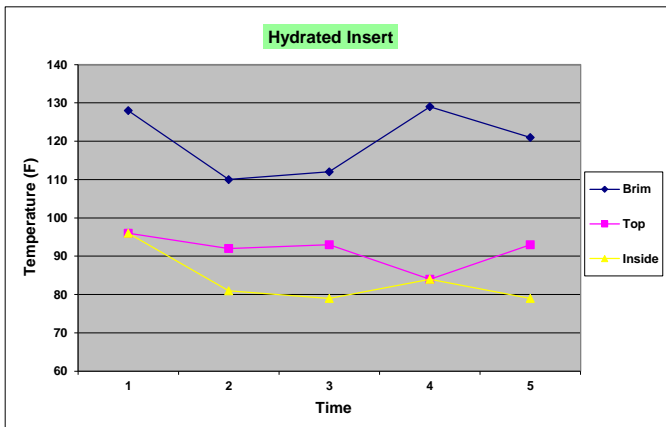
Temperature before placing Insert	Time	Brim of Hat	Top of Hat	Temp Inside Crown
Chilled Insert	3:00pm	127	100	79
Saturated Insert	3:00pm	120	92	84
Dry Insert	3:00pm	122	122	112



Chilled / Saturated Insert	Time Increment	Time (+ minutes)	Brim of Hat	Top of Hat	Insert Temp Inside Crown
Start Temp. 76F	1	5	118	107	82
	2	10	143	99	73
	3	15	124	95	77
	4	20	122	98	81
	5	25	128	100	81
Chilled Insert Avg.			127	100	79



Hydrated Insert	Time Increment	Time (+ minutes)	Brim of Hat	Top of Hat	Insert Temp Inside Crown
Start Temp. 89F	1	5	128	96	96
	2	10	110	92	81
	3	15	112	93	79
	4	20	129	84	84
	5	25	121	93	79
Hydrated Insert Avg.			120	92	84



Dry Insert	Time Increment	Time (+ minutes)	Brim of Hat	Top of Hat	Insert Temp Inside Crown
Start Temp. 111F	1	5	125	130	110
	2	10	120	121	113
	3	15	110	114	106
	4	20	129	124	114
	5	25	126	121	116
Dry Insert Avg.			122	122	112

