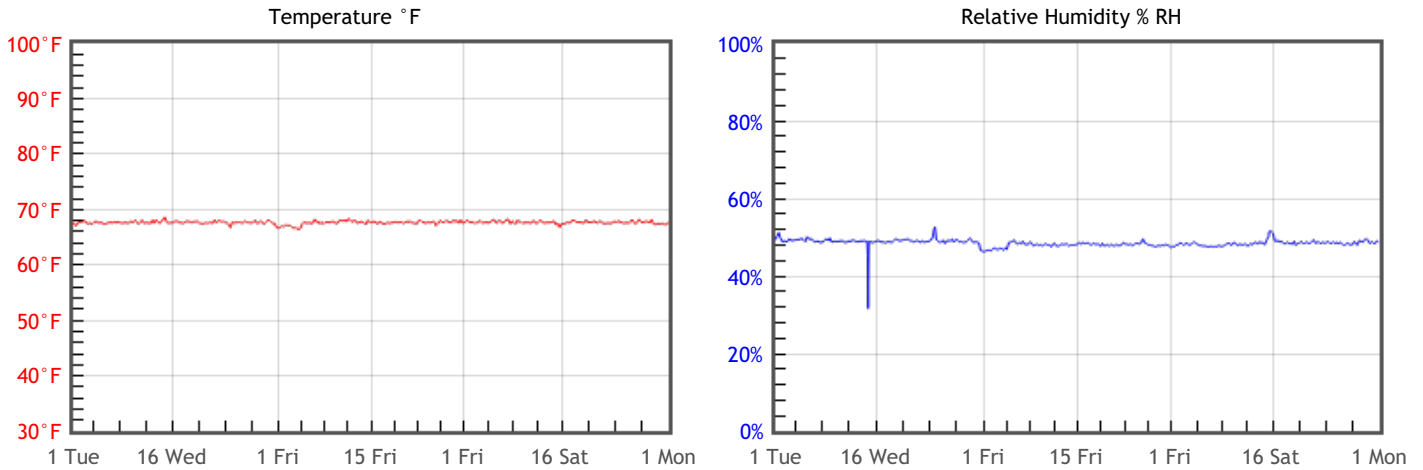


Preservation Environment Evaluation

Type of Decay	Risks & Metrics	Evaluation & General Comments
<b>Natural Aging</b> Chemical decay of organic materials	OK TWPI = 46	Generally OK, but fast decaying organic materials such as acidic paper, color photographs and cellulosic plastics will be at elevated risk due to the cumulative effects of temperature and humidity
<b>Mechanical Damage</b> Physical damage to hygroscopic materials	GOOD % DC = 0.05 % EMC min = 9 % EMC max = 9.1	Minimal risk of physical damage to most hygroscopic materials such as paintings, rare books and furniture.
<b>Mold Risk</b> Mold growth in area or on collection objects	GOOD MRF = 0	Minimal risk of mold growth.
<b>Metal Corrosion</b> Corrosion of metal components or objects	OK % EMC max = 9.1	Generally OK, but archeological or salt-encrusted metals may corrode due to extended periods of moderately high levels of humidity.

Graphs



Statistics

Temperature		Relative Humidity		Dew Point	
T °F Mean	67.6	%RH Mean	48	DP °F Mean	47.5
T °F Median	67.7	%RH Median	49	DP °F Median	47.6
T °F Stdev	0.4	%RH Stdev	1	DP °F Stdev	0.6
T °F Min	65.8	%RH Min	32	DP °F Min	37.9
T °F Max	69.5	%RH Max	54	DP °F Max	49.8