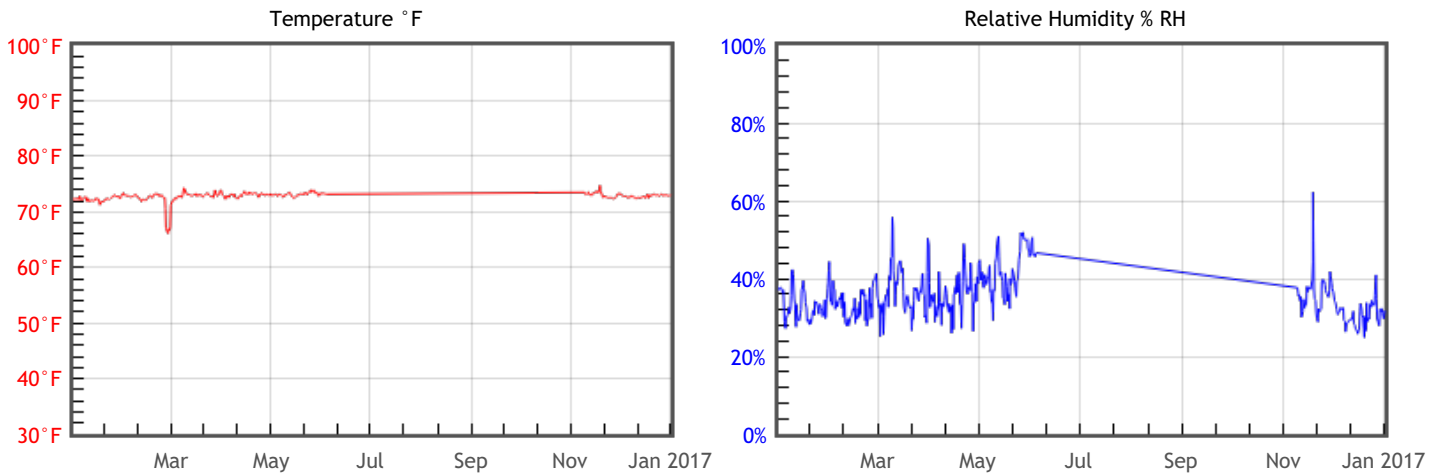


Preservation Environment Evaluation

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 = 0.46 % EMC min = 6.3 % EMC max = 8	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 = 8	Generally OK, but archeological or salt-encrusted metals may corrode due to extended periods of moderately high levels of humidity.

Graphs



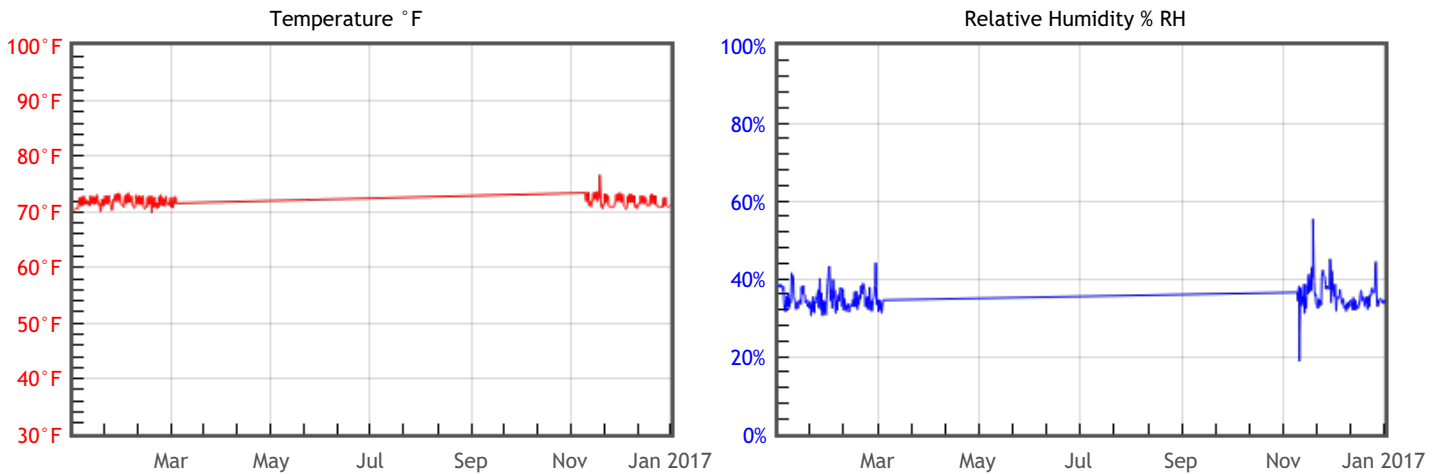
Statistics

Temperature		Relative Humidity		Dew Point	
T °F Mean	72.8	%RH Mean	36	DP °F Mean	43.6
T °F Median	72.9	%RH Median	35	DP °F Median	43.3
T °F Stdev	0.9	%RH Stdev	6	DP °F Stdev	4.6
T °F Min	65.9	%RH Min	19	DP °F Min	27.6
T °F Max	75.4	%RH Max	62	DP °F Max	58.4

Preservation Environment Evaluation

Type of Decay	Risks & Metrics	Evaluation & General Comments
<b>Natural Aging</b> Chemical decay of organic materials	OK TWPI = 50	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 = 0.18 % EMC min = 6.6 % EMC max = 7.2	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 = 7.2	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	71.8	%RH Mean	35	DP °F Mean	42.6
T °F Median	71.5	%RH Median	35	DP °F Median	42.2
T °F Stdev	1	%RH Stdev	3	DP °F Stdev	2.2
T °F Min	69.8	%RH Min	19	DP °F Min	28.4
T °F Max	76.6	%RH Max	55	DP °F Max	58.5