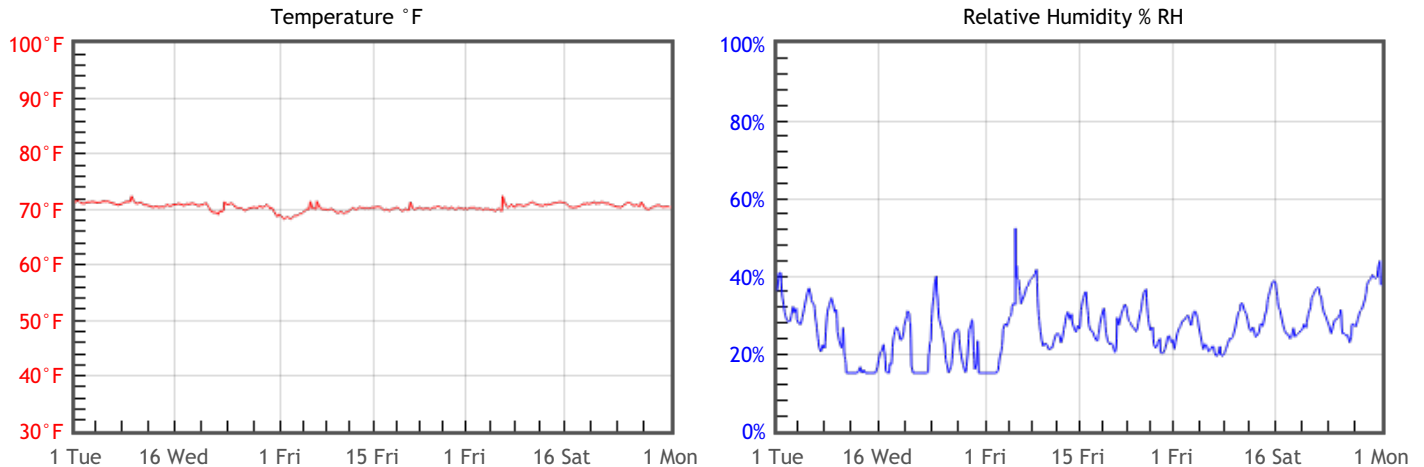


Preservation Environment Evaluation

Type of Decay	Risks & Metrics	Evaluation & General Comments
Natural Aging Chemical decay of organic materials	<div style="background-color: #cccccc; text-align: center; padding: 2px;">OK</div> TWPI = 69	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
Mechanical Damage Physical damage to hygroscopic materials	<div style="background-color: #800000; color: white; text-align: center; padding: 2px;">RISK</div> % DC = 0.38 % EMC min = 4.7 % EMC max = 6	Heightened risk of physical damage to any hygroscopic material, such as paintings, rare books, furniture, paper, leather, film, or color photos, due to extremely low or high levels of humidity, and / or excessive humidity fluctuation.
Mold Risk Mold growth in area or on collection objects	<div style="background-color: #4CAF50; color: white; text-align: center; padding: 2px;">GOOD</div> MRF = 0	Minimal risk of mold growth.
Metal Corrosion Corrosion of metal components or objects	<div style="background-color: #4CAF50; color: white; text-align: center; padding: 2px;">GOOD</div> % EMC max = 6	Minimal risk of metal corrosion.

Graphs



Statistics

Temperature		Relative Humidity		Dew Point	
T °F Mean	70.5	%RH Mean	24	DP °F Mean	31.1
T °F Median	70.7	%RH Median	24	DP °F Median	32.3
T °F Stdev	0.8	%RH Stdev	7	DP °F Stdev	8
T °F Min	68.2	%RH Min	15	DP °F Min	18.8
T °F Max	73.2	%RH Max	52	DP °F Max	53.2