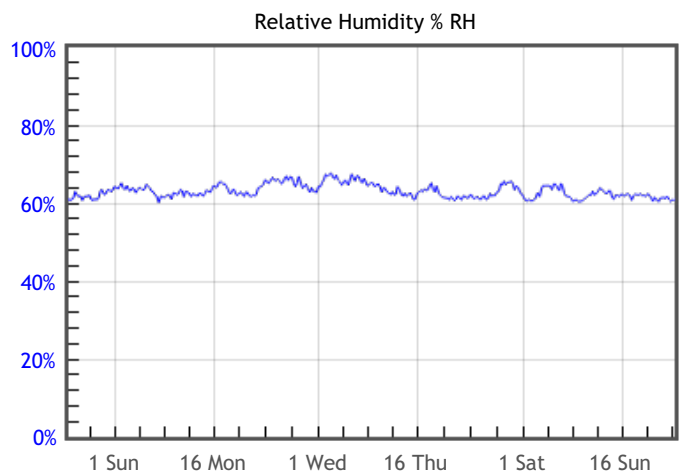
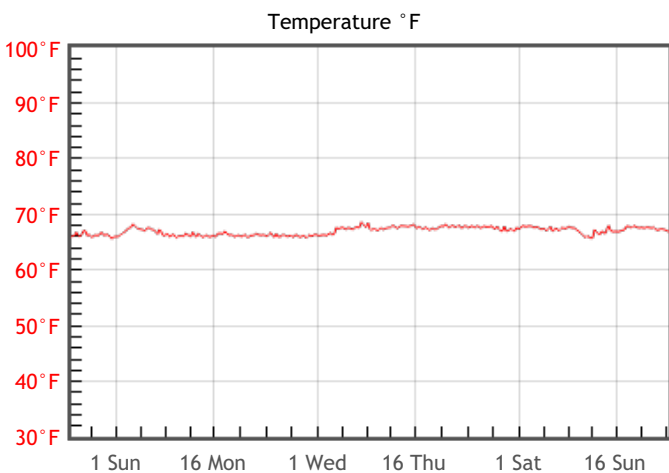


Preservation Environment Evaluation

Type of Decay	Risks & Metrics	Evaluation & General Comments
Natural Aging Chemical decay of organic materials	<div style="background-color: #800000; color: white; text-align: center; padding: 2px;">RISK</div> TWPI = 33	Accelerated rate of chemical decay in all organic materials due to the cumulative effects of temperature and humidity, with especially high risk for fast decaying organic materials such as acidic paper, color photographs and cellulosic plastics.
Mechanical Damage Physical damage to hygroscopic materials	<div style="background-color: #4CAF50; color: white; text-align: center; padding: 2px;">GOOD</div> % DC = 0.17 % EMC min = 11.4 % EMC max = 12	Minimal risk of physical damage to most hygroscopic materials such as paintings, rare books and furniture.
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: #800000; color: white; text-align: center; padding: 2px;">RISK</div> % EMC max = 12	Heightened risk of metal corrosion due to extended periods of high levels of humidity.

Graphs



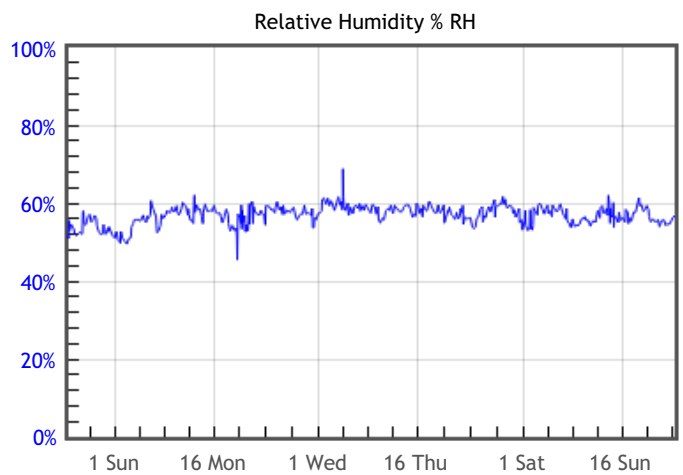
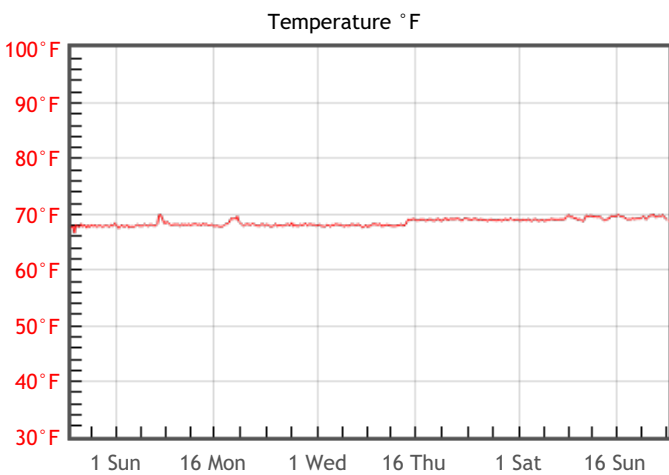
Statistics

Temperature		Relative Humidity		Dew Point	
T °F Mean	67	%RH Mean	63	DP °F Mean	54
T °F Median	67.1	%RH Median	63	DP °F Median	54
T °F Stdev	0.7	%RH Stdev	2	DP °F Stdev	0.9
T °F Min	65.6	%RH Min	59	DP °F Min	52
T °F Max	68.9	%RH Max	68	DP °F Max	57

Preservation Environment Evaluation

Type of Decay	Risks & Metrics	Evaluation & General Comments
Natural Aging Chemical decay of organic materials	<div style="background-color: #800000; color: white; text-align: center; padding: 2px;">RISK</div> TWPI = 34	Accelerated rate of chemical decay in all organic materials due to the cumulative effects of temperature and humidity, with especially high risk for fast decaying organic materials such as acidic paper, color photographs and cellulosic plastics.
Mechanical Damage Physical damage to hygroscopic materials	<div style="background-color: #4CAF50; color: white; text-align: center; padding: 2px;">GOOD</div> % DC = 0.1 % EMC min = 10.3 % EMC max = 10.6	Minimal risk of physical damage to most hygroscopic materials such as paintings, rare books and furniture.
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: #800000; color: white; text-align: center; padding: 2px;">RISK</div> % EMC max = 10.6	Heightened risk of metal corrosion due to extended periods of high levels of humidity.

Graphs



Statistics

Temperature		Relative Humidity		Dew Point	
T °F Mean	68.6	%RH Mean	57	DP °F Mean	52.7
T °F Median	68.6	%RH Median	57	DP °F Median	52.6
T °F Stdev	0.8	%RH Stdev	4	DP °F Stdev	1.8
T °F Min	66.6	%RH Min	45	DP °F Min	47.4
T °F Max	71.5	%RH Max	69	DP °F Max	57.7