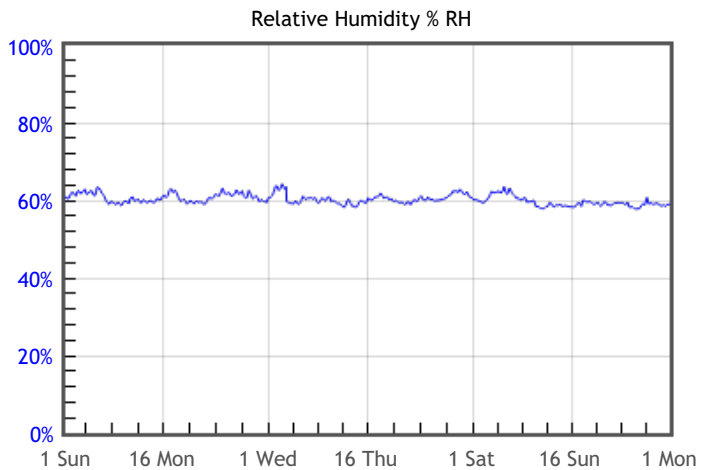
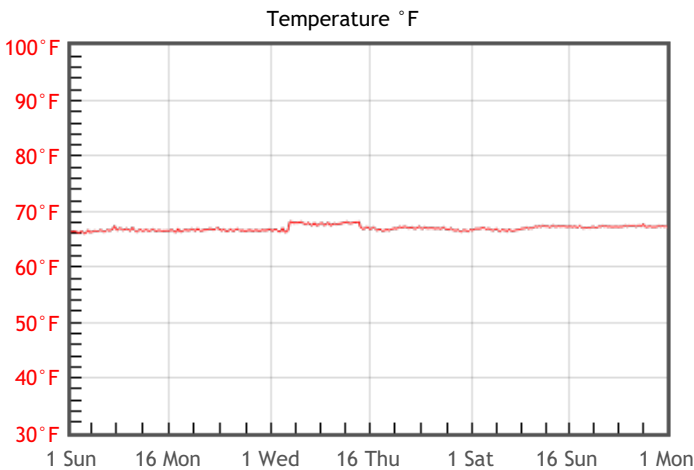


## Preservation Environment Evaluation

Type of Decay	Risks & Metrics	Evaluation & General Comments
<b>Natural Aging</b> Chemical decay of organic materials	<div style="background-color: #800000; color: white; text-align: center; padding: 2px;"><b>RISK</b></div> TWPI = 36	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.
<b>Mechanical Damage</b> Physical damage to hygroscopic materials	<div style="background-color: #008000; color: white; text-align: center; padding: 2px;"><b>GOOD</b></div> % DC = 0.06 % EMC min = 11 % EMC max = 11.2	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	<div style="background-color: #008000; color: white; text-align: center; padding: 2px;"><b>GOOD</b></div> MRF = 0	Minimal risk of mold growth.
<b>Metal Corrosion</b> Corrosion of metal components or objects	<div style="background-color: #800000; color: white; text-align: center; padding: 2px;"><b>RISK</b></div> % EMC max = 11.2	Heightened risk of metal corrosion due to extended periods of high levels of humidity.

## Graphs



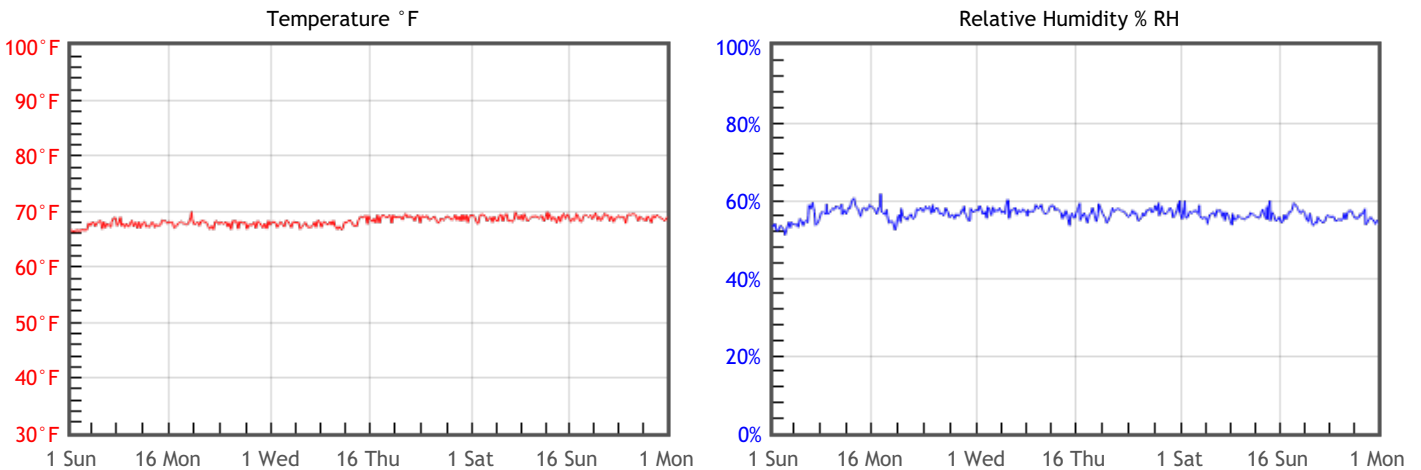
## Statistics

Temperature		Relative Humidity		Dew Point	
T °F Mean	67	%RH Mean	60	DP °F Mean	52.7
T °F Median	66.9	%RH Median	60	DP °F Median	52.6
T °F Stdev	0.5	%RH Stdev	1	DP °F Stdev	0.5
T °F Min	65.9	%RH Min	57	DP °F Min	51.6
T °F Max	69.3	%RH Max	65	DP °F Max	54.8

## Preservation Environment Evaluation

Type of Decay	Risks & Metrics	Evaluation & General Comments
<b>Natural Aging</b> Chemical decay of organic materials	<div style="background-color: #800000; color: white; text-align: center; padding: 2px;"><b>RISK</b></div> TWPI = 35	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.
<b>Mechanical Damage</b> Physical damage to hygroscopic materials	<div style="background-color: #008000; color: white; text-align: center; padding: 2px;"><b>GOOD</b></div> % DC = 0.06 % EMC min = 10.2 % EMC max = 10.5	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	<div style="background-color: #008000; color: white; text-align: center; padding: 2px;"><b>GOOD</b></div> MRF = 0	Minimal risk of mold growth.
<b>Metal Corrosion</b> Corrosion of metal components or objects	<div style="background-color: #800000; color: white; text-align: center; padding: 2px;"><b>RISK</b></div> % EMC max = 10.5	Heightened risk of metal corrosion due to extended periods of high levels of humidity.

## Graphs



## Statistics

Temperature		Relative Humidity		Dew Point	
T °F Mean	68.3	%RH Mean	57	DP °F Mean	52.2
T °F Median	68.3	%RH Median	56	DP °F Median	52.1
T °F Stdev	0.9	%RH Stdev	3	DP °F Stdev	1.4
T °F Min	65.9	%RH Min	50	DP °F Min	47.7
T °F Max	70.4	%RH Max	67	DP °F Max	57.3