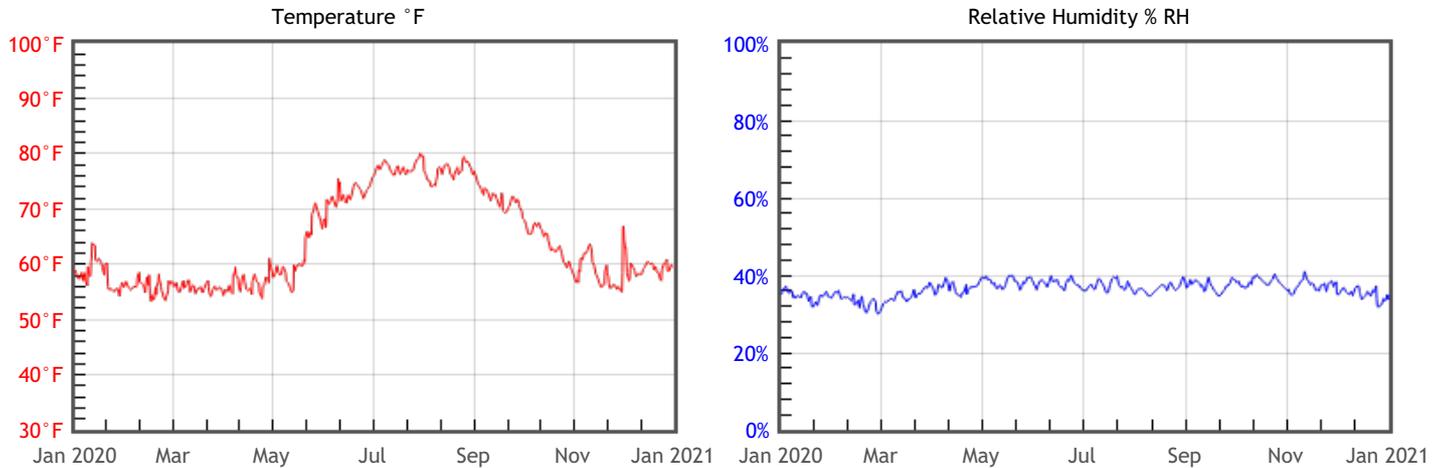


Preservation Environment Evaluation

Type of Decay	Risks & Metrics	Evaluation & General Comments
Natural Aging Chemical decay of organic materials	OK 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	GOOD % DC = 0.22 % EMC min = 6.7 % EMC max = 7.5	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	GOOD MRF = 0	Minimal risk of mold growth.
Metal Corrosion Corrosion of metal components or objects	OK % EMC max = 7.5	Generally OK, but archeological or salt-encrusted metals may corrode due to extended periods of moderately high levels of humidity.

Graphs



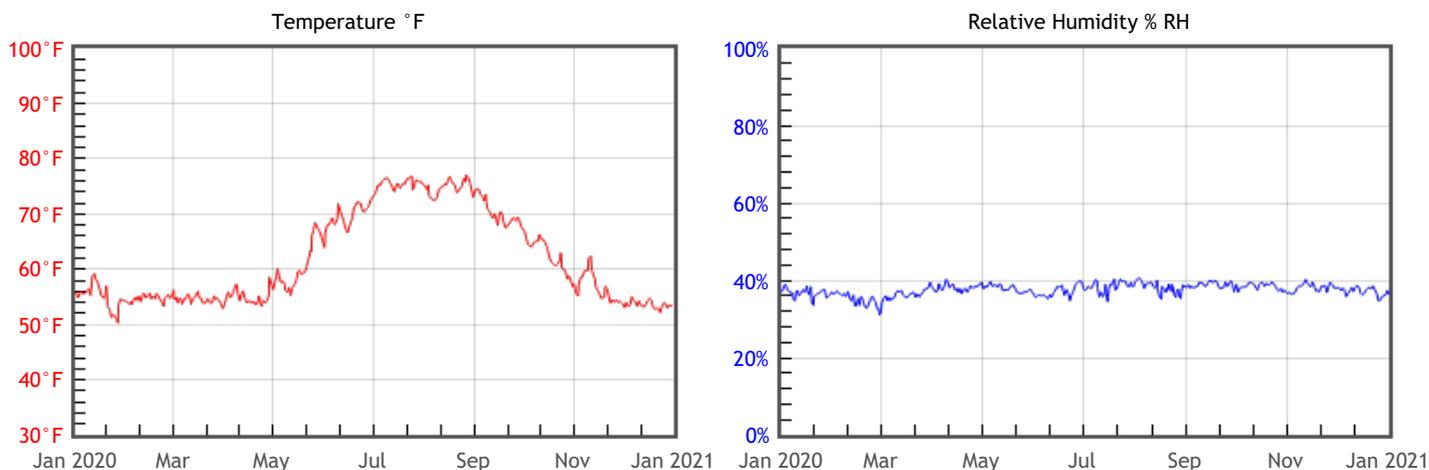
Statistics

Temperature		Relative Humidity		Dew Point	
T °F Mean	64.2	%RH Mean	36	DP °F Mean	36.9
T °F Median	60.9	%RH Median	37	DP °F Median	34
T °F Stdev	8.5	%RH Stdev	2	DP °F Stdev	8.1
T °F Min	52.7	%RH Min	26	DP °F Min	23.5
T °F Max	81.8	%RH Max	43	DP °F Max	53.3

Preservation Environment Evaluation

Type of Decay	Risks & Metrics	Evaluation & General Comments
Natural Aging Chemical decay of organic materials	<div style="background-color: #4CAF50; color: white; text-align: center; padding: 2px;">GOOD</div> TWPI = 79	Slow rate of chemical decay in organic materials such as paper, leather, textiles, plastics and dyes
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 = 7.1 % EMC max = 7.7	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: #808080; color: white; text-align: center; padding: 2px;">OK</div> % EMC max = 7.7	Generally OK, but archeological or salt-encrusted metals may corrode due to extended periods of moderately high levels of humidity.

Graphs



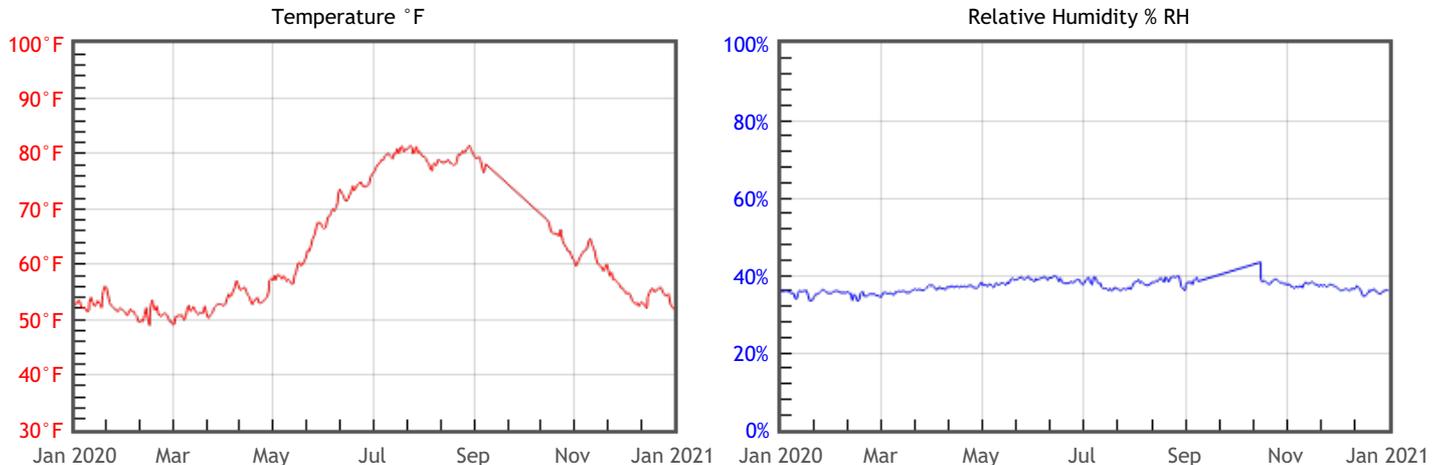
Statistics

Temperature		Relative Humidity		Dew Point	
T °F Mean	61.9	%RH Mean	37	DP °F Mean	35.6
T °F Median	58.2	%RH Median	38	DP °F Median	32.5
T °F Stdev	8.4	%RH Stdev	2	DP °F Stdev	7.9
T °F Min	50.3	%RH Min	29	DP °F Min	24.9
T °F Max	79.5	%RH Max	42	DP °F Max	51.1

Preservation Environment Evaluation

Type of Decay	Risks & Metrics	Evaluation & General Comments
Natural Aging Chemical decay of organic materials	OK 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	GOOD % DC = 0.31 % EMC min = 7.1 % EMC max = 8.2	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	GOOD MRF = 0	Minimal risk of mold growth.
Metal Corrosion Corrosion of metal components or objects	OK % EMC max = 8.2	Generally OK, but archeological or salt-encrusted metals may corrode due to extended periods of moderately high levels of humidity.

Graphs



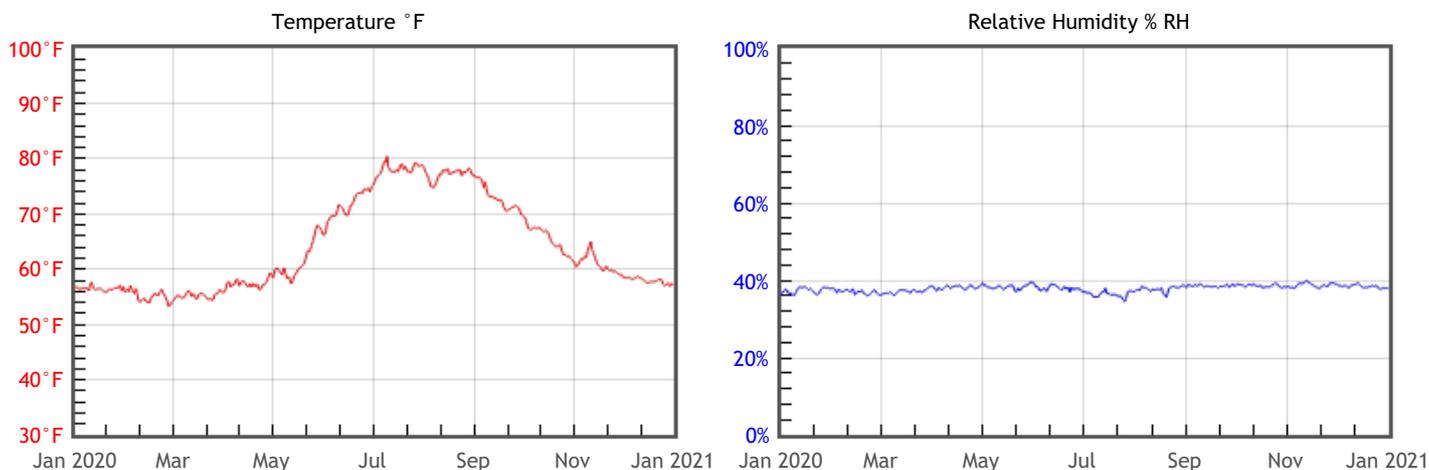
Statistics

Temperature		Relative Humidity		Dew Point	
T °F Mean	62.1	%RH Mean	37	DP °F Mean	35.5
T °F Median	57.4	%RH Median	37	DP °F Median	31.7
T °F Stdev	10.9	%RH Stdev	1	DP °F Stdev	10.3
T °F Min	48.7	%RH Min	32	DP °F Min	21.2
T °F Max	82.4	%RH Max	43	DP °F Max	54.1

Preservation Environment Evaluation

Type of Decay	Risks & Metrics	Evaluation & General Comments
Natural Aging Chemical decay of organic materials	OK TWPI = 67	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	GOOD % DC = 0.19 % EMC min = 7 % EMC max = 7.7	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	GOOD MRF = 0	Minimal risk of mold growth.
Metal Corrosion Corrosion of metal components or objects	OK % EMC max = 7.7	Generally OK, but archeological or salt-encrusted metals may corrode due to extended periods of moderately high levels of humidity.

Graphs



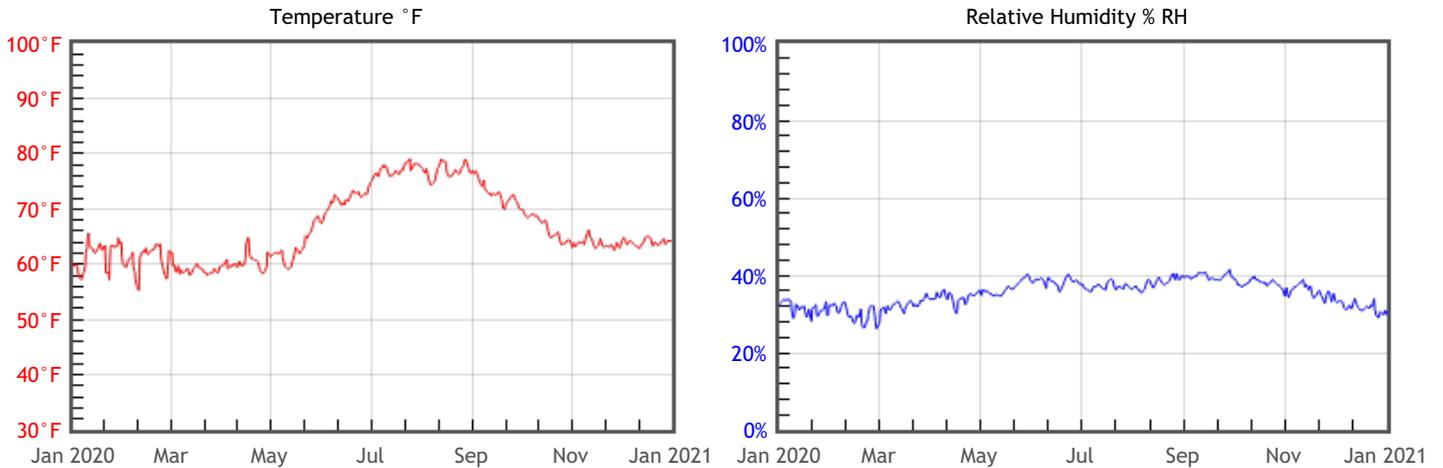
Statistics

Temperature		Relative Humidity		Dew Point	
T °F Mean	64.2	%RH Mean	38	DP °F Mean	37.9
T °F Median	60.6	%RH Median	38	DP °F Median	35.2
T °F Stdev	8.4	%RH Stdev	1	DP °F Stdev	7.4
T °F Min	53.3	%RH Min	34	DP °F Min	27.3
T °F Max	80.4	%RH Max	40	DP °F Max	51.4

Preservation Environment Evaluation

Type of Decay	Risks & Metrics	Evaluation & General Comments
Natural Aging Chemical decay of organic materials	OK TWPI = 64	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	GOOD % DC = 0.42 % EMC min = 6.2 % EMC max = 7.7	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	GOOD MRF = 0	Minimal risk of mold growth.
Metal Corrosion Corrosion of metal components or objects	OK % EMC max = 7.7	Generally OK, but archeological or salt-encrusted metals may corrode due to extended periods of moderately high levels of humidity.

Graphs



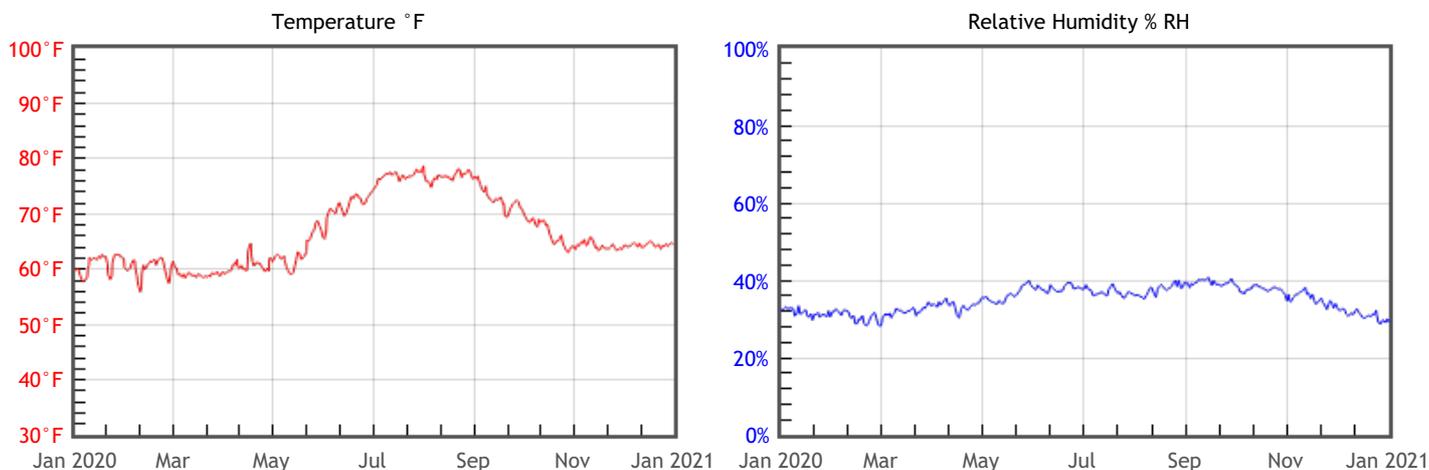
Statistics

Temperature		Relative Humidity		Dew Point	
T °F Mean	66.5	%RH Mean	35	DP °F Mean	38.1
T °F Median	64.2	%RH Median	36	DP °F Median	35.5
T °F Stdev	6.5	%RH Stdev	3	DP °F Stdev	7.6
T °F Min	55.3	%RH Min	26	DP °F Min	26.3
T °F Max	80.2	%RH Max	41	DP °F Max	52.8

Preservation Environment Evaluation

Type of Decay	Risks & Metrics	Evaluation & General Comments
Natural Aging Chemical decay of organic materials	OK TWPI = 64	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	GOOD % DC = 0.37 % EMC min = 6.2 % EMC max = 7.6	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	GOOD MRF = 0	Minimal risk of mold growth.
Metal Corrosion Corrosion of metal components or objects	OK % EMC max = 7.6	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	66.4	%RH Mean	35	DP °F Mean	37.9
T °F Median	64.4	%RH Median	35	DP °F Median	35.4
T °F Stdev	6.4	%RH Stdev	3	DP °F Stdev	7.5
T °F Min	55.7	%RH Min	28	DP °F Min	26
T °F Max	79.6	%RH Max	41	DP °F Max	52