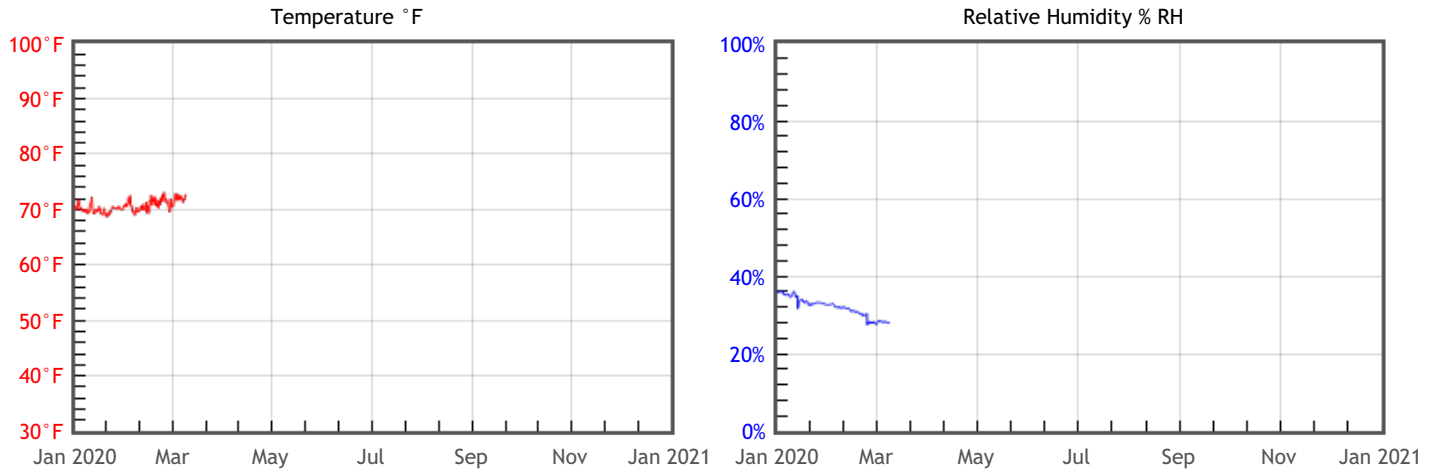


## Preservation Environment Evaluation

Type of Decay	Risks & Metrics	Evaluation & General Comments
<b>Natural Aging</b> Chemical decay of organic materials	OK TWPI = 58	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 = 6.1 % EMC max = 6.8	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	GOOD % EMC max = 6.8	Minimal risk of metal corrosion.

## Graphs



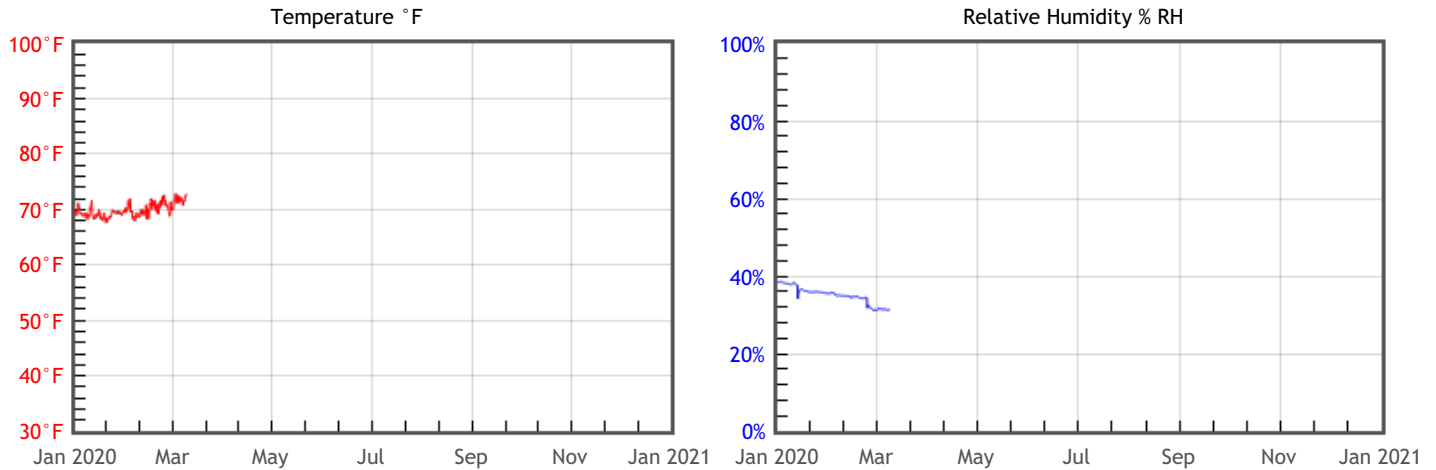
## Statistics

Temperature		Relative Humidity		Dew Point	
T °F Mean	70.6	%RH Mean	32	DP °F Mean	39.1
T °F Median	70.4	%RH Median	32	DP °F Median	39.1
T °F Stdev	1	%RH Stdev	2	DP °F Stdev	1.7
T °F Min	68.6	%RH Min	25	DP °F Min	34.2
T °F Max	73.1	%RH Max	36	DP °F Max	43.9

## Preservation Environment Evaluation

Type of Decay	Risks & Metrics	Evaluation & General Comments
<b>Natural Aging</b> Chemical decay of organic materials	OK TWPI = 55	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



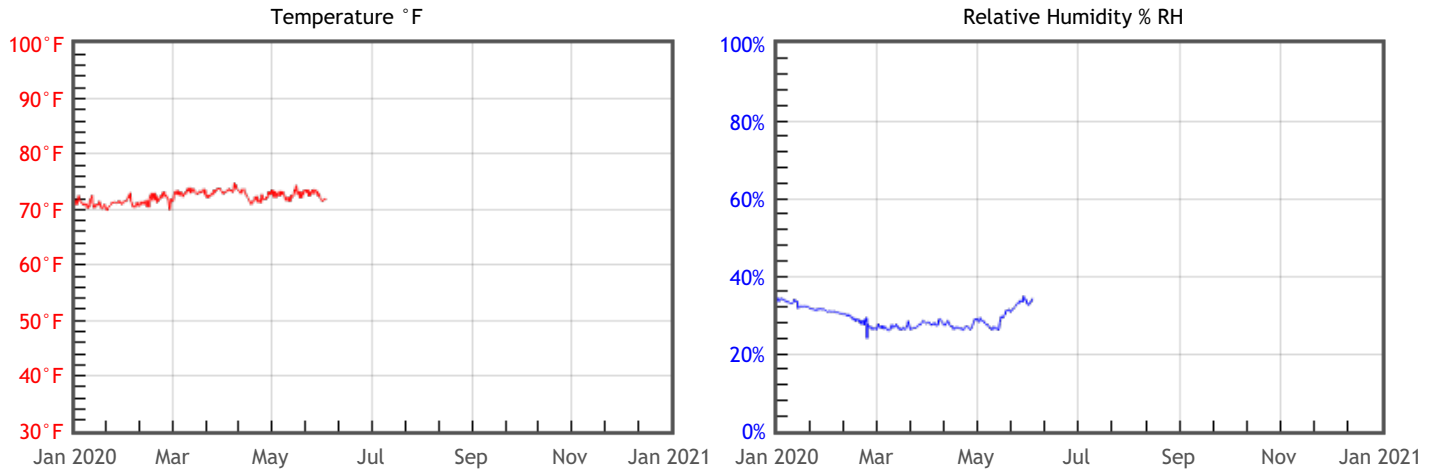
## Statistics

Temperature		Relative Humidity		Dew Point	
T °F Mean	69.9	%RH Mean	35	DP °F Mean	40.9
T °F Median	69.6	%RH Median	35	DP °F Median	41
T °F Stdev	1.2	%RH Stdev	2	DP °F Stdev	1.3
T °F Min	67.6	%RH Min	26	DP °F Min	34.4
T °F Max	73	%RH Max	39	DP °F Max	45.1

## Preservation Environment Evaluation

Type of Decay	Risks & Metrics	Evaluation & General Comments
<b>Natural Aging</b> Chemical decay of organic materials	OK TWPI = 57	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 = 0.24 % EMC min = 5.6 % EMC max = 6.5	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	GOOD MRF = 0	Minimal risk of mold growth.
<b>Metal Corrosion</b> Corrosion of metal components or objects	GOOD % EMC max = 6.5	Minimal risk of metal corrosion.

## Graphs



## Statistics

Temperature		Relative Humidity		Dew Point	
T °F Mean	72.2	%RH Mean	29	DP °F Mean	38.3
T °F Median	72.3	%RH Median	28	DP °F Median	38.1
T °F Stdev	1	%RH Stdev	3	DP °F Stdev	2
T °F Min	69.7	%RH Min	24	DP °F Min	33.4
T °F Max	74.9	%RH Max	35	DP °F Max	43.6