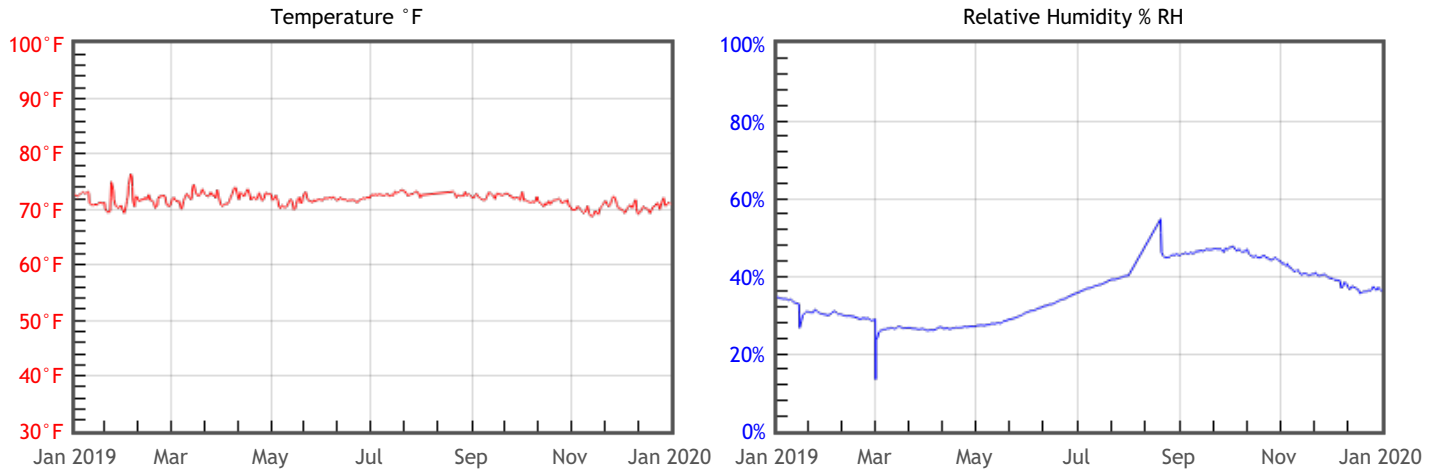


Preservation Environment Evaluation

Type of Decay	Risks & Metrics	Evaluation & General Comments
Natural Aging Chemical decay of organic materials	OK TWPI = 52	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	OK % DC = 0.92 % EMC min = 5.5 % EMC max = 8.8	Generally OK, but sensitive or fast responding hygroscopic materials such as paintings, rare books, vellum manuscripts or musical instruments will be at elevated risk of physical damage due to fluctuations of humidity.
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 = 8.8	Generally OK, but archeological or salt-encrusted metals may corrode due to extended periods of moderately high levels of humidity.

Graphs



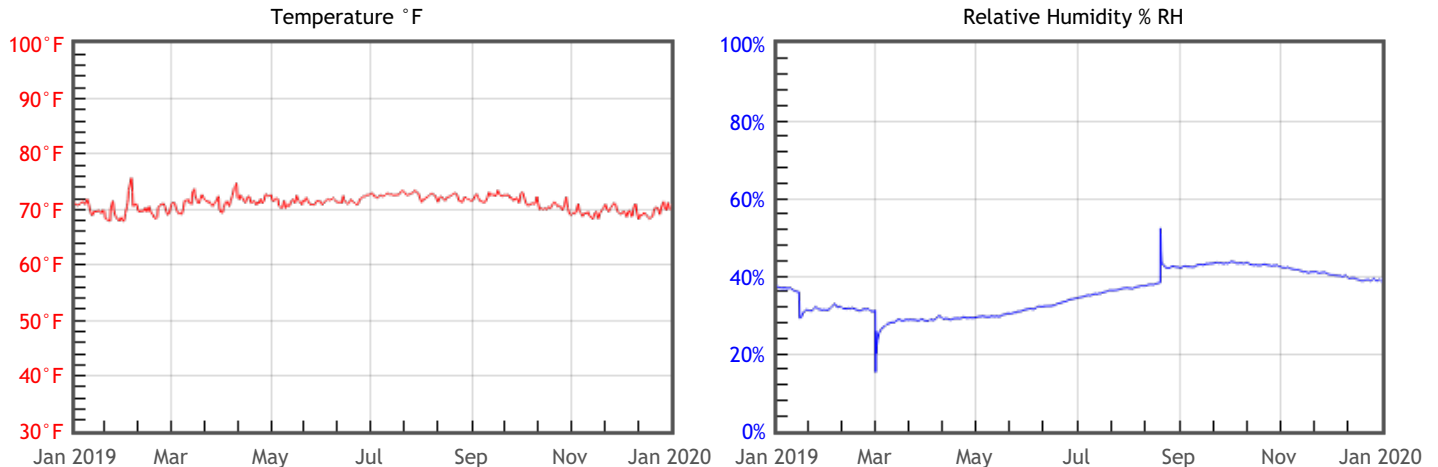
Statistics

Temperature		Relative Humidity		Dew Point	
T °F Mean	71.8	%RH Mean	34	DP °F Mean	41.1
T °F Median	71.9	%RH Median	31	DP °F Median	40
T °F Stdev	1.1	%RH Stdev	7	DP °F Stdev	5.1
T °F Min	68.3	%RH Min	13	DP °F Min	19.6
T °F Max	76.6	%RH Max	55	DP °F Max	55.9

Preservation Environment Evaluation

Type of Decay	Risks & Metrics	Evaluation & General Comments
Natural Aging Chemical decay of organic materials	OK TWPI = 53	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	OK % DC = 0.66 % EMC min = 5.8 % EMC max = 8.2	Generally OK, but sensitive or fast responding hygroscopic materials such as paintings, rare books, vellum manuscripts or musical instruments will be at elevated risk of physical damage due to fluctuations of humidity.
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



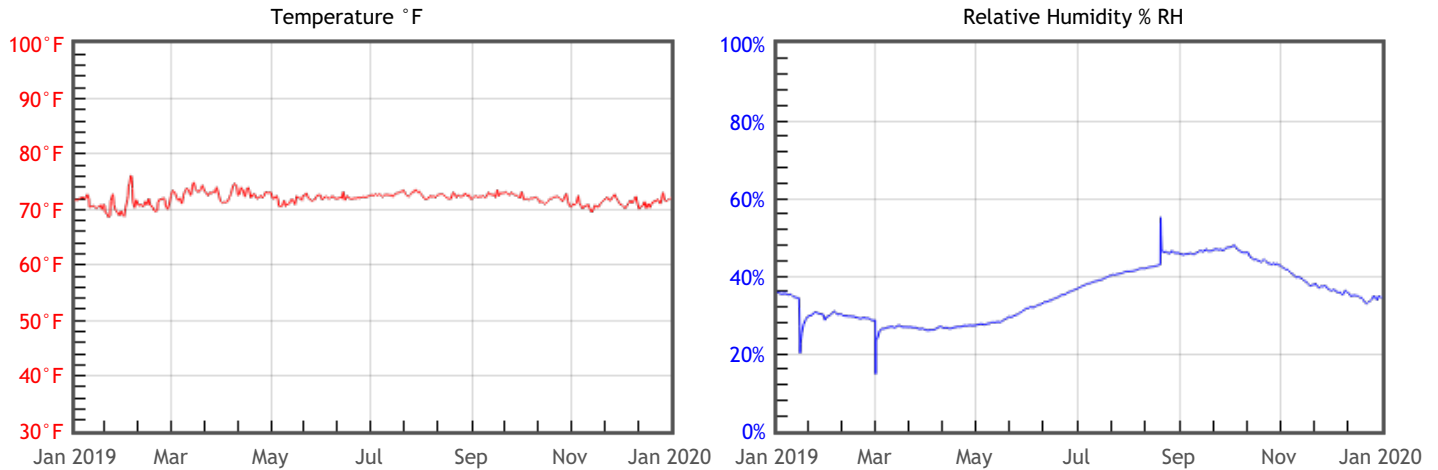
Statistics

Temperature		Relative Humidity		Dew Point	
T °F Mean	71.3	%RH Mean	34	DP °F Mean	41.3
T °F Median	71.3	%RH Median	32	DP °F Median	40.3
T °F Stdev	1.3	%RH Stdev	5	DP °F Stdev	4.1
T °F Min	67.4	%RH Min	15	DP °F Min	20.5
T °F Max	76	%RH Max	52	DP °F Max	55

Preservation Environment Evaluation

Type of Decay	Risks & Metrics	Evaluation & General Comments
Natural Aging Chemical decay of organic materials	OK TWPI = 50	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	OK % DC = 0.87 % EMC min = 5.6 % EMC max = 8.7	Generally OK, but sensitive or fast responding hygroscopic materials such as paintings, rare books, vellum manuscripts or musical instruments will be at elevated risk of physical damage due to fluctuations of humidity.
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 = 8.7	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	72.1	%RH Mean	34	DP °F Mean	41.6
T °F Median	72.2	%RH Median	33	DP °F Median	41.1
T °F Stdev	1.1	%RH Stdev	7	DP °F Stdev	5.1
T °F Min	68.6	%RH Min	15	DP °F Min	21.1
T °F Max	76.2	%RH Max	55	DP °F Max	55.9