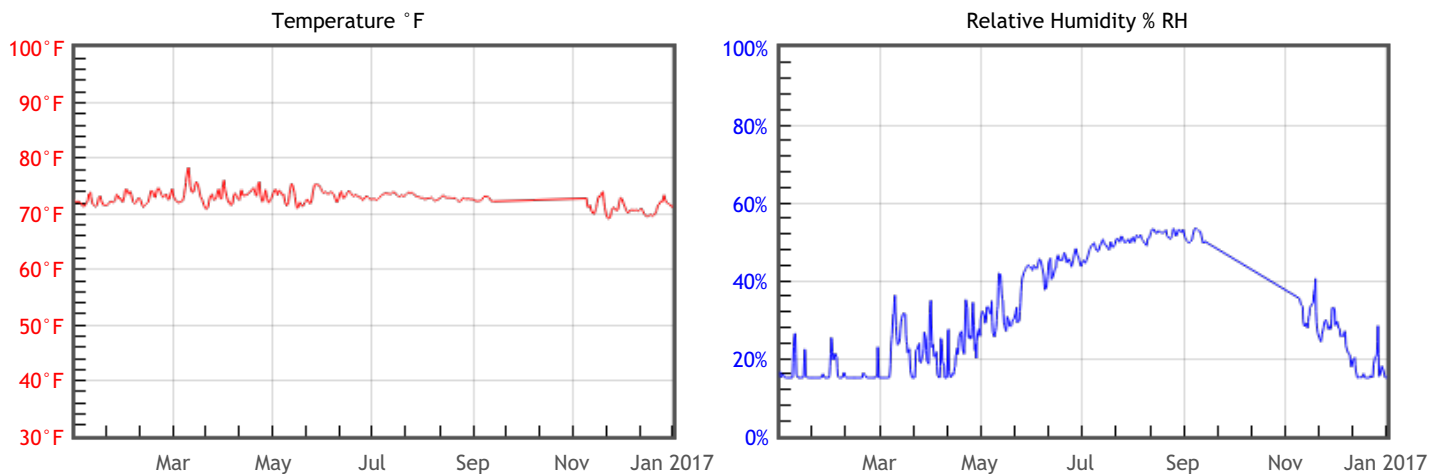


Preservation Environment Evaluation

Type of Decay	Risks & Metrics	Evaluation & General Comments
Natural Aging Chemical decay of organic materials	OK TWPI = 49	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	RISK % DC = 1.68 % EMC min = 3.5 % EMC max = 9.5	Heightened risk of physical damage to any hygroscopic material, such as paintings, rare books, furniture, paper, leather, film, or color photos, due to extremely low or high levels of humidity, and / or excessive humidity fluctuation.
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 = 9.5	Generally OK, but archeological or salt-encrusted metals may corrode due to extended periods of moderately high levels of humidity.

Graphs



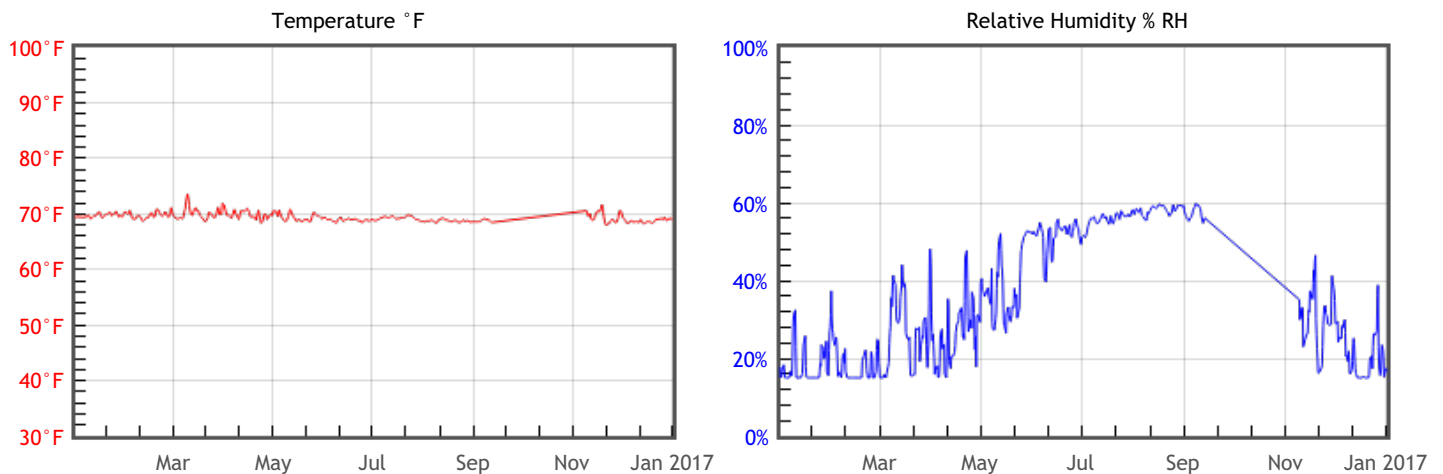
Statistics

Temperature		Relative Humidity		Dew Point	
T °F Mean	72.9	%RH Mean	32	DP °F Mean	38.9
T °F Median	72.9	%RH Median	29	DP °F Median	39.1
T °F Stdev	1.2	%RH Stdev	14	DP °F Stdev	12.7
T °F Min	69.1	%RH Min	15	DP °F Min	19.9
T °F Max	78.8	%RH Max	54	DP °F Max	55.3

Preservation Environment Evaluation

Type of Decay	Risks & Metrics	Evaluation & General Comments
Natural Aging Chemical decay of organic materials	<div style="background-color: #cccccc; padding: 2px; text-align: center;">OK</div> 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
Mechanical Damage Physical damage to hygroscopic materials	<div style="background-color: #800000; color: white; padding: 2px; text-align: center;">RISK</div> % DC = 1.87 % EMC min = 3.9 % EMC max = 10.6	Heightened risk of physical damage to any hygroscopic material, such as paintings, rare books, furniture, paper, leather, film, or color photos, due to extremely low or high levels of humidity, and / or excessive humidity fluctuation.
Mold Risk Mold growth in area or on collection objects	<div style="background-color: #4CAF50; color: white; padding: 2px; text-align: center;">GOOD</div> MRF = 0	Minimal risk of mold growth.
Metal Corrosion Corrosion of metal components or objects	<div style="background-color: #800000; color: white; padding: 2px; text-align: center;">RISK</div> % EMC max = 10.6	Heightened risk of metal corrosion due to extended periods of high levels of humidity.

Graphs



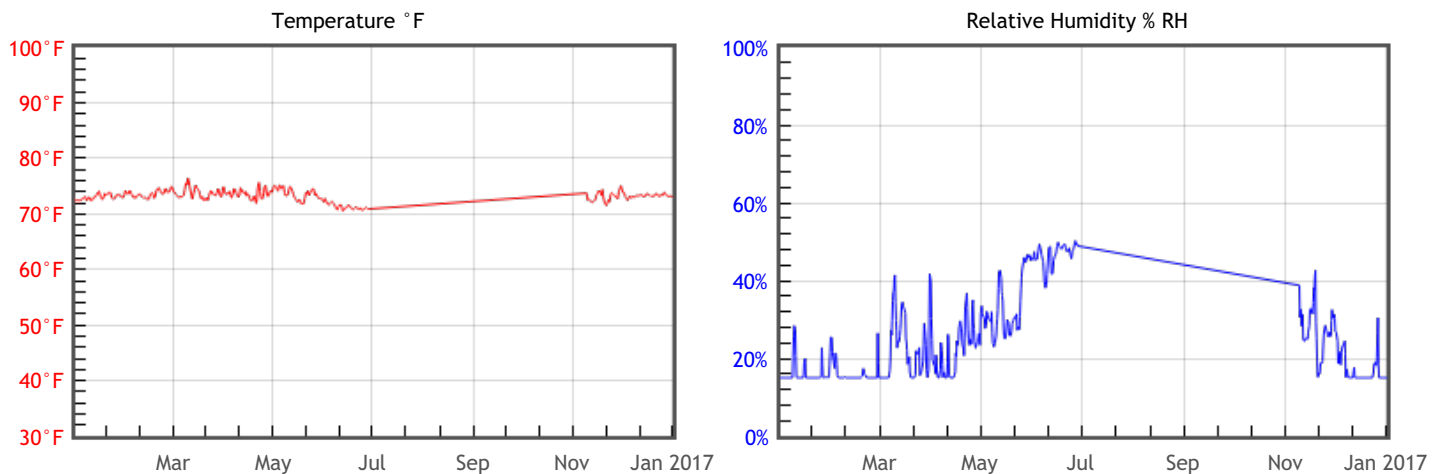
Statistics

Temperature		Relative Humidity		Dew Point	
T °F Mean	69.4	%RH Mean	37	DP °F Mean	39.2
T °F Median	69.3	%RH Median	34	DP °F Median	40.3
T °F Stdev	0.8	%RH Stdev	17	DP °F Stdev	12.8
T °F Min	67.8	%RH Min	15	DP °F Min	18.5
T °F Max	73.9	%RH Max	61	DP °F Max	55.4

Preservation Environment Evaluation

Type of Decay	Risks & Metrics	Evaluation & General Comments
Natural Aging Chemical decay of organic materials	OK TWPI = 61	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	RISK % DC = 1.46 % EMC min = 3.5 % EMC max = 8.7	Heightened risk of physical damage to any hygroscopic material, such as paintings, rare books, furniture, paper, leather, film, or color photos, due to extremely low or high levels of humidity, and / or excessive humidity fluctuation.
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	73.2	%RH Mean	25	DP °F Mean	33.5
T °F Median	73.3	%RH Median	22	DP °F Median	32.3
T °F Stdev	1.1	%RH Stdev	12	DP °F Stdev	10.5
T °F Min	70.5	%RH Min	15	DP °F Min	21.5
T °F Max	76.4	%RH Max	51	DP °F Max	53.7

Ground West - West (WG7)

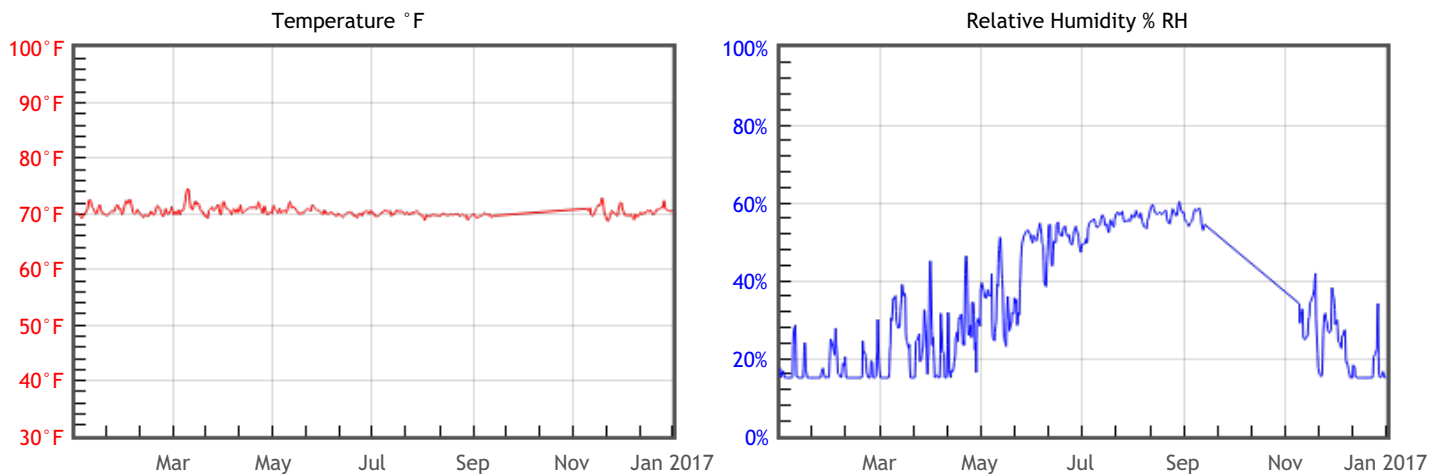
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Preservation Environment Evaluation

Type of Decay	Risks & Metrics	Evaluation & General Comments
Natural Aging Chemical decay of organic materials	OK TWPI = 54	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	RISK % DC = 1.87 % EMC min = 3.7 % EMC max = 10.4	Heightened risk of physical damage to any hygroscopic material, such as paintings, rare books, furniture, paper, leather, film, or color photos, due to extremely low or high levels of humidity, and / or excessive humidity fluctuation.
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 = 10.4	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	70.4	%RH Mean	35	DP °F Mean	38.8
T °F Median	70.3	%RH Median	32	DP °F Median	39.7
T °F Stdev	0.8	%RH Stdev	17	DP °F Stdev	13.3
T °F Min	68.4	%RH Min	15	DP °F Min	19.2
T °F Max	74.9	%RH Max	61	DP °F Max	55.3