

# Remote 1

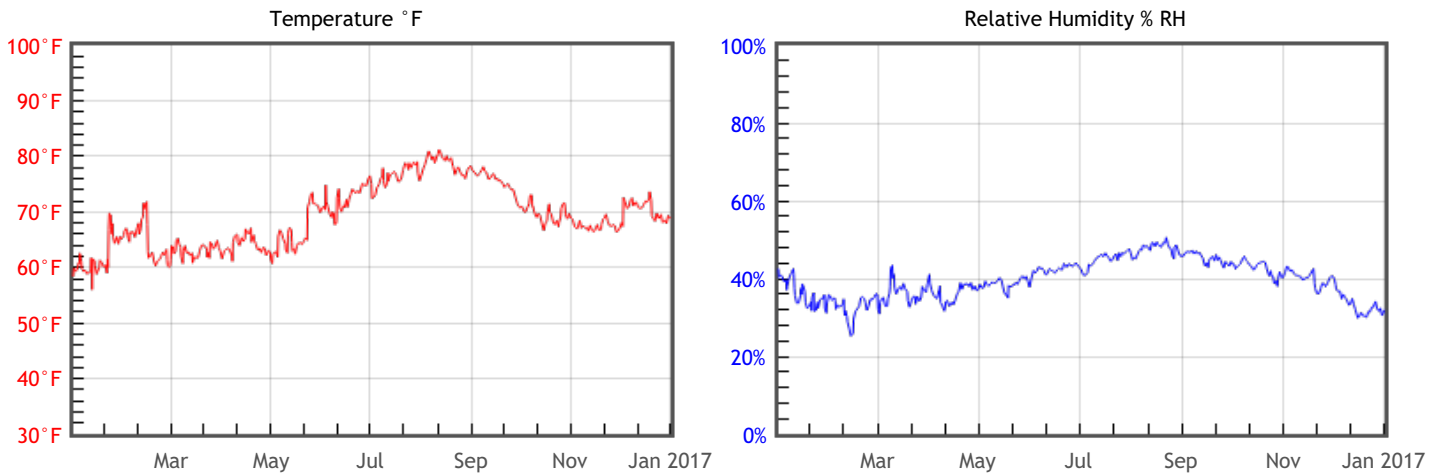
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Michigan State University Libraries

2016-01-01 to 2016-12-30  
11 months, 30 days

## Preservation Environment Evaluation

Type of Decay	Risks & Metrics	Evaluation & General Comments
<b>Natural Aging</b> 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
<b>Mechanical Damage</b> Physical damage to hygroscopic materials	OK % DC = 0.65 % EMC min = 6.5 % 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.
<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 = 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	68.4	%RH Mean	39	DP °F Mean	42.1
T °F Median	67.8	%RH Median	39	DP °F Median	39.3
T °F Stdev	6	%RH Stdev	5	DP °F Stdev	8
T °F Min	56	%RH Min	23	DP °F Min	26.7
T °F Max	82.5	%RH Max	51	DP °F Max	59.6

# Remote 2

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2016-01-01 to 2016-12-30  
11 months, 30 days

## Preservation Environment Evaluation

Type of Decay	Risks & Metrics	Evaluation & General Comments
<b>Natural Aging</b> 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
<b>Mechanical Damage</b> Physical damage to hygroscopic materials	OK % DC = 0.79 % EMC min = 6.7 % EMC max = 9.5	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.
<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 = 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	67.3	%RH Mean	40	DP °F Mean	42.2
T °F Median	65.9	%RH Median	39	DP °F Median	38.2
T °F Stdev	5	%RH Stdev	6	DP °F Stdev	7.7
T °F Min	58.8	%RH Min	24	DP °F Min	30.3
T °F Max	80	%RH Max	54	DP °F Max	59.8

# Remote 3

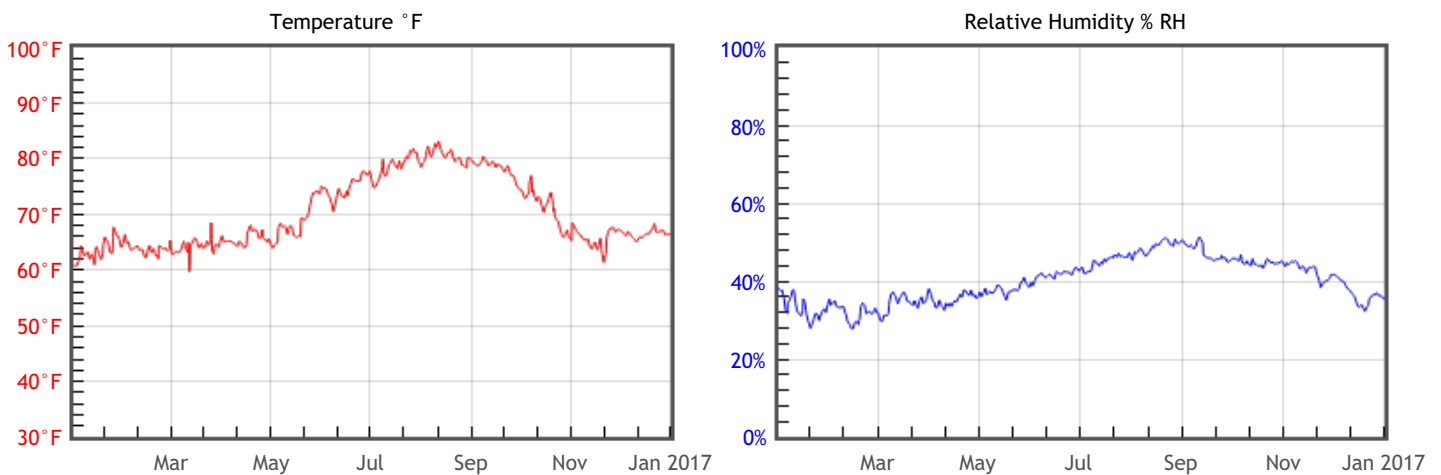
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2016-01-01 to 2016-12-30  
11 months, 30 days

## 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 = 42	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: #808080; color: white; text-align: center; padding: 2px;"><b>OK</b></div> % DC = 0.76 % EMC min = 6.4 % EMC max = 9.1	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.
<b>Mold Risk</b> Mold growth in area or on collection objects	<div style="background-color: #4CAF50; 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: #808080; color: white; text-align: center; padding: 2px;"><b>OK</b></div> % EMC max = 9.1	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	70.2	%RH Mean	40	DP °F Mean	44.6
T °F Median	67.4	%RH Median	40	DP °F Median	42
T °F Stdev	6.4	%RH Stdev	6	DP °F Stdev	9.1
T °F Min	59.7	%RH Min	24	DP °F Min	26.7
T °F Max	84.1	%RH Max	52	DP °F Max	61.7

## Remote 4

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to  
NaN years, NaN months, NaN  
days

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**No data found for given time frame.**

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Overview Report - Created: 2017-10-18

## Remote 5 & 6

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to  
NaN years, NaN months, NaN  
days

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**No data found for given time frame.**

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