11A_YIVO

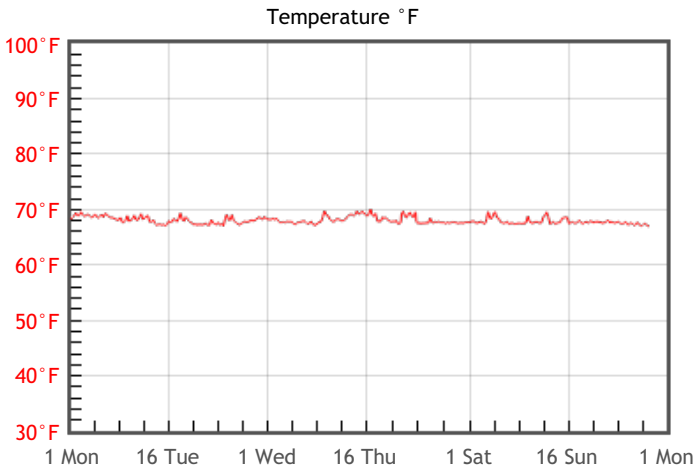
CJH • Stacks • Level_11 • A-side
Center for Jewish History

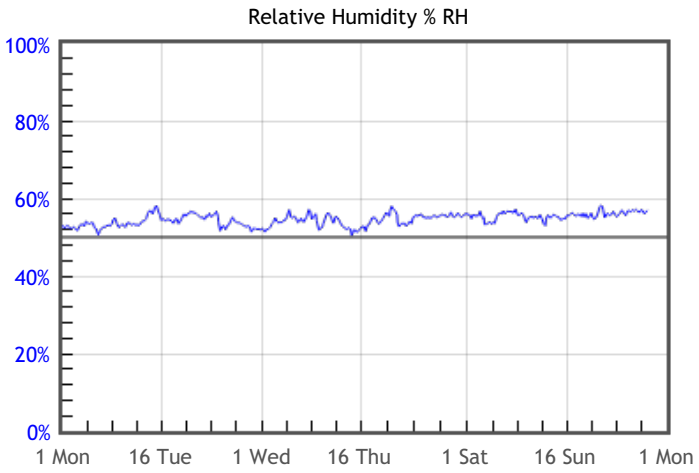
2019-04-01 to 2019-06-28
2 months, 28 days

Preservation Environment Evaluation

Type of Decay	Risks & Metrics	Evaluation & General Comments
Natural Aging Chemical decay of organic materials	RISK TWPI = 38	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.
Mechanical Damage Physical damage to hygroscopic materials	GOOD % DC = 0.1 % EMC min = 9.9 % EMC max = 10.3	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 = 10.3	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 Limits		%RH Limits	
T°F Mean	68	**%RH Mean**	55	**DP°F Mean**	51	**T°F < 2**	0%	**%RH < 50**	0.1%
T°F Median	67.9	**%RH Median**	55	**DP°F Median**	51	**T°F > 2**	100%	**%RH > 50**	99.9%
T°F Stdev	0.7	**%RH Stdev**	2	**DP°F Stdev**	0.5				
T°F Min	66.6	**%RH Min**	49	**DP°F Min**	49.5				
T°F Max	71.1	**%RH Max**	59	**DP°F Max**	53.2				

11B_ASF

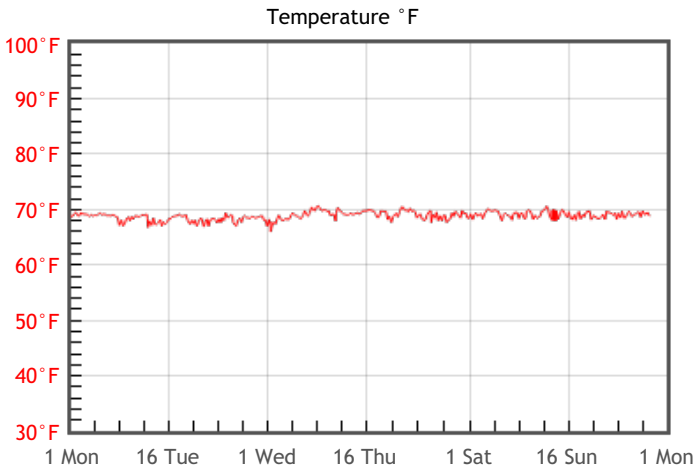
CJH • Stacks • Level_11 • B-side
Center for Jewish History

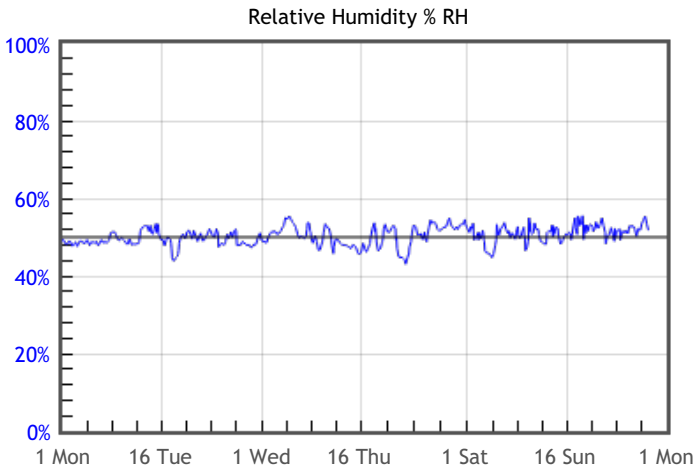
2019-04-01 to 2019-06-28
2 months, 28 days

Preservation Environment Evaluation

Type of Decay	Risks & Metrics	Evaluation & General Comments
Natural Aging Chemical decay of organic materials	RISK TWPI = 41	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.
Mechanical Damage Physical damage to hygroscopic materials	GOOD % DC = 0.1 % EMC min = 9.2 % EMC max = 9.6	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 = 9.6	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 Limits		%RH Limits	
T°F Mean	68.8	**%RH Mean**	50	**DP°F Mean**	49.5	**T°F < 2**	0%	**%RH < 50**	50.9%
T°F Median	68.9	**%RH Median**	50	**DP°F Median**	49.3	**T°F > 2**	100%	**%RH > 50**	49.1%
T°F Stdev	1	**%RH Stdev**	3	**DP°F Stdev**	1.5				
T°F Min	65.1	**%RH Min**	42	**DP°F Min**	45.4				
T°F Max	72	**%RH Max**	61	**DP°F Max**	54.7				