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### DECAY CAUSED BY IMPROPER STORAGE

TYPE OF DECAY	MEDIA	RECOMMENDED ENVIRONMENT
SILVER IMAGE DECAY	Photographic glass plates, Black and white film, Black and white photographic prints	30% to 50% RH
COLOR IMAGE DECAY	Color film, Color photographic prints, Ink jet prints	Low temperature, 30% to 50% RH
COLOR BLEEDING	Ink jet prints	30% to 50% RH
YELLOWING, STAINING	Color photographic prints, Inkjet prints	Low temperature, 30% to 50% RH
BINDER DEGRADATION	Magnetic tapes	Low temperature (not frozen), 30% to 50% RH
NITRATE DECAY	Nitrate-base film	Low temperature, 30% to 50% RH
ACETATE DECAY	Acetate-base black-and-white film, Acetate-base color film, Acetate-base magnetic tape	Low temperature, 30% to 50% RH
GLASS DETERIORATION	Photographic glass plates	30% to 50% RH
LAYER SEPARATION	Photographic glass plates, CDs and DVDs	Minimal temperature and RH fluctuations, 30% to 50% RH
MOLD	All media	30% to 50% RH

Source: Adelstein, Peter Z. (2004) "IPI Media Storage Quick Reference," Image Permanence Institute.