

Table. Simulated pinyon decline disturbance rotation period (# years required to disturb an area equal to the eligible area) for eligible cover types under the HRV disturbance scenario on the Uncompahgre Plateau Landscape, Colorado. Rotation period was based the area disturbed over five 800-year simulation runs, after excluding the first 100 year equilibration period (N = 350 time steps). Low mortality disturbances do not kill the majority (<75%) of the overstory plant individuals and either maintain the stand in its current condition or accelerate its succession transition to a later stage of development; high mortality disturbances kill >75% of the overstory plant individuals of the host species and typically result in retrogression to an earlier stand condition.

Cover Type	Eligible Area (ha)	Rotation Period (yrs)		
		Low Mortality	High Mortality	Any Mortality
Sparse Pinyon-Juniper Woodland	9,979	340 (241 - 451)	3,054 (2,146 - 4,166)	306 (217 - 407)
Pinyon-Juniper Woodland	132,689	216 (173 - 261)	1,220 (986 - 1,473)	183 (147 - 221)
Pinyon-Juniper Sagebrush Woodland	89,918	234 (186 - 298)	1,324 (1,055 - 1,686)	199 (158 - 254)
Pinyon-Juniper-Oak-Serviceberry Woodland	36,910	269 (206 - 337)	1,536 (1,159 - 1,931)	229 (175 - 287)
Total (all eligible)	269,495	231 (183 - 286)	1,321 (1,052 - 1,634)	197 (156 - 243)