

Table. Simulated wildfire 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 and always result in stand initiation.

Cover Type	Eligible Area (ha)	Rotation Period (yrs)		
		Low Mortality	High Mortality	Any Mortality
Mountain Grassland	22,238	-	86 (74 - 99)	86 (74 - 99)
Riparian	8,943	243 (216 - 285)	960 (857 - 1,099)	194 (173 - 227)
Greasewood	1,757	818 (752 - 904)	92 (85 - 104)	83 (77 - 93)
Semi-Desert Grassland	35,847	600 (522 - 708)	68 (65 - 70)	61 (59 - 64)
Semi-Desert Savannah	5,847	843 (798 - 864)	89 (85 - 92)	81 (77 - 83)
Sparse Pinyon-Juniper Woodland	9,979	-	122 (111 - 129)	122 (111 - 129)
Pinyon-Juniper Woodland	132,689	2,148 (2,029 - 2,291)	216 (179 - 237)	196 (164 - 213)
Pinyon-Juniper Sagebrush Woodland	89,918	1,841 (1,243 - 2,128)	198 (189 - 207)	178 (167 - 188)
Pinyon-Juniper-Oak-Serviceberry Woodland	36,910	1,382 (1,169 - 1,618)	153 (131 - 174)	138 (118 - 157)
Mountain Shrubland	113,083	667 (614 - 772)	76 (71 - 83)	68 (64 - 74)
Ponderosa Pine-Oak Forest	37,976	50 (49 - 53)	522 (482 - 540)	46 (44 - 48)
Ponderosa Pine-Oak-Aspen Forest	3,047	50 (47 - 53)	932 (884 - 981)	47 (45 - 50)
Warm Dry Mixed-Conifer Forest	9,288	71 (66 - 75)	592 (555 - 633)	63 (59 - 67)
Warm Dry Mixed-Conifer with Aspen Forest	1,056	79 (70 - 86)	505 (451 - 551)	68 (60 - 74)
Cool Moist Mixed-Conifer Forest	1,124	244 (180 - 282)	183 (147 - 201)	105 (81 - 117)
Cool Moist Mixed-Conifer with Aspen Forest	4,540	359 (299 - 463)	189 (167 - 250)	124 (107 - 162)
Pure Aspen Forest	31,465	342 (289 - 390)	144 (126 - 153)	101 (89 - 110)
Spruce-Fir Forest	7,787	647 (507 - 826)	182 (160 - 223)	142 (126 - 175)
Spruce-Fir-Aspen Forest	22,984	691 (548 - 932)	181 (147 - 224)	143 (117 - 175)
Mesic Sagebrush	44,712	873 (767 - 982)	92 (75 - 102)	83 (68 - 92)
Agriculture	34,362	-	180 (140 - 255)	180 (140 - 255)
Total (all eligible)	655,553	413 (389 - 443)	132 (121 - 139)	100 (92 - 106)