

Table. Range of variation in landscape structure for Pinyon-Juniper Sagebrush Woodland under the simulated HRV disturbance scenario on the Uncompahgre Plateau Landscape.

Landscape Metric	Condition Class (seral stage)	Percentiles of Simulated Distribution							CV ¹
		0	5	25	50	75	95	100	
<i>Seral Stage Composition</i> ²									
PLAND	Herb Dominated	0.00	0.00	0.10	0.41	0.82	2.66	5.56	655
	Herbs - Shrubs	0.31	0.96	1.61	2.42	3.50	5.03	6.82	168
	Shrubs - Trees	2.45	4.32	6.19	7.36	8.55	10.11	11.85	79
	Tree Dominated	0.02	0.12	1.32	2.56	3.90	5.48	7.04	209
<i>Class Configuration</i> ³									
PD	Herb Dominated	0.00	0.00	0.04	0.10	0.17	0.33	0.63	321
	Herbs - Shrubs	0.10	0.24	0.40	0.51	0.65	0.89	1.03	124
	Shrubs - Trees	0.66	0.82	0.94	1.03	1.12	1.23	1.38	40
	Tree Dominated	0.02	0.08	0.32	0.45	0.63	0.82	0.96	167
ED	Herb Dominated	0.00	0.00	0.55	1.80	3.12	7.23	13.41	401
	Herbs - Shrubs	1.69	4.11	6.55	9.02	11.77	15.71	19.64	129
	Shrubs - Trees	10.28	15.23	19.08	21.86	24.43	27.84	31.23	58
	Tree Dominated	0.12	0.66	5.34	8.47	11.36	16.79	19.73	190
AREA_MN	Herb Dominated	0.00	0.79	1.96	3.41	5.14	10.22	17.52	276
	Herbs - Shrubs	2.06	2.76	3.73	4.55	5.82	9.33	11.70	144
	Shrubs - Trees	3.45	4.81	6.08	7.04	8.08	9.80	12.45	71
	Tree Dominated	0.77	1.56	3.01	5.47	7.14	9.17	19.46	139
AREA_AM	Herb Dominated	0.00	0.86	8.64	56.62	208.64	3309.10	14552.59	5842
	Herbs - Shrubs	12.12	42.71	129.84	440.66	1800.65	6133.06	12884.13	1382
	Shrubs - Trees	173.10	576.01	2312.10	3367.02	5701.00	10553.50	13845.64	296
	Tree Dominated	0.98	9.66	96.68	970.29	2864.25	6675.09	10919.52	687
GYRATE_AM	Herb Dominated	0.00	36.38	141.48	326.03	600.84	2235.26	7070.61	674
	Herbs - Shrubs	164.21	272.50	464.93	799.25	1473.07	3223.68	6294.77	369
	Shrubs - Trees	467.19	882.37	1596.16	2054.39	3177.02	5329.81	6425.15	216
	Tree Dominated	43.97	127.89	368.46	1206.53	2168.42	4496.59	6188.89	362
SHAPE_MN	Herb Dominated	1.02	1.20	1.91	2.00	2.08	2.18	2.33	49
	Herbs - Shrubs	1.81	1.88	1.94	1.99	2.03	2.09	2.13	10
	Shrubs - Trees	1.87	1.93	1.96	1.99	2.02	2.06	2.09	7
	Tree Dominated	1.55	1.69	1.79	1.90	1.95	2.01	2.11	17
SHAPE_AM	Herb Dominated	1.02	1.19	2.92	4.41	7.26	16.26	34.16	342
	Herbs - Shrubs	2.96	3.88	5.75	8.28	12.02	23.34	26.74	235
	Shrubs - Trees	5.88	8.00	13.71	16.77	19.23	26.40	29.97	110
	Tree Dominated	1.58	2.46	4.59	12.12	17.76	26.55	35.73	199
CPLAND	Herb Dominated	0.00	0.00	0.07	0.31	0.64	2.07	4.67	659
	Herbs - Shrubs	0.24	0.82	1.32	1.98	2.96	4.34	5.90	178
	Shrubs - Trees	2.05	3.85	5.53	6.54	7.65	9.14	10.61	81
	Tree Dominated	0.01	0.07	1.11	2.10	3.16	4.54	5.72	213
CORE_MN	Herb Dominated	0.00	0.55	1.46	2.53	4.09	8.67	14.09	321

	Herbs - Shrubs	1.31	2.26	3.05	3.85	4.86	7.68	10.08	141
	Shrubs - Trees	2.89	4.30	5.42	6.26	7.17	8.76	11.07	71
	Tree Dominated	0.50	0.90	2.35	4.40	5.74	7.78	15.99	156
CORE_AM	Herb Dominated	0.00	0.60	6.66	47.40	174.29	3040.16	13266.10	6413
	Herbs - Shrubs	11.03	37.47	116.91	390.22	1684.83	5792.12	11766.25	1475
	Shrubs - Trees	131.21	535.12	2152.29	3128.51	5380.44	10017.66	13070.33	303
	Tree Dominated	0.65	4.12	89.46	848.07	2537.86	5919.91	9627.13	698
CAI_MN	Herb Dominated	0.00	48.02	58.81	63.89	69.38	79.29	91.11	49
	Herbs - Shrubs	49.48	63.19	71.40	76.57	79.99	83.81	88.62	27
	Shrubs - Trees	77.65	79.39	81.22	82.23	83.08	84.46	87.33	6
	Tree Dominated	21.29	52.12	62.15	68.16	73.56	79.12	87.62	40
CAI_AM	Herb Dominated	0.00	54.33	69.59	76.05	82.34	87.52	93.75	44
	Herbs - Shrubs	57.78	75.87	81.24	84.63	87.66	89.91	92.72	17
	Shrubs - Trees	83.75	86.83	88.38	89.23	89.99	90.85	92.61	5
	Tree Dominated	25.25	57.30	78.15	80.81	82.60	85.73	90.59	35
PROX_MN	Herb Dominated	0.00	0.00	12.52	36.90	119.76	1159.62	5605.85	3142
	Herbs - Shrubs	8.61	24.57	63.74	133.65	382.34	1928.94	3632.35	1425
	Shrubs - Trees	67.99	183.15	601.72	951.95	1445.95	3027.73	3930.80	299
	Tree Dominated	0.27	5.44	43.05	328.89	794.96	1650.38	3895.96	500
PROX_AM	Herb Dominated	0.00	0.00	21.01	79.33	303.94	2161.61	5763.97	2725
	Herbs - Shrubs	14.70	64.48	173.82	398.76	1094.22	3286.21	9997.41	808
	Shrubs - Trees	208.83	508.51	1375.47	2134.22	3807.67	10975.90	18649.47	490
	Tree Dominated	0.29	14.08	187.95	761.69	2138.56	9463.14	19257.33	1241
CWED	Herb Dominated	0.00	0.00	0.11	0.33	0.58	1.33	2.63	403
	Herbs - Shrubs	0.30	0.61	0.96	1.32	1.76	2.23	3.21	123
	Shrubs - Trees	1.64	2.17	2.58	2.93	3.28	3.79	4.19	56
	Tree Dominated	0.03	0.18	0.99	1.69	2.28	3.05	3.61	170
TECI	Herb Dominated	10.02	14.05	17.50	19.40	20.81	22.85	25.79	45
	Herbs - Shrubs	8.05	10.82	12.98	14.62	16.39	18.58	20.92	53
	Shrubs - Trees	9.40	11.13	12.55	13.45	14.67	16.83	17.87	42
	Tree Dominated	14.52	15.72	18.02	20.34	22.07	27.16	35.22	56
CLUMPY	Herb Dominated	0.58	0.61	0.68	0.73	0.77	0.83	0.89	31
	Herbs - Shrubs	0.65	0.70	0.73	0.76	0.79	0.83	0.86	17
	Shrubs - Trees	0.72	0.76	0.78	0.80	0.81	0.83	0.85	8
	Tree Dominated	0.55	0.66	0.73	0.78	0.81	0.83	0.86	22
IJI	Herb Dominated	19.38	34.40	44.27	49.35	53.80	59.59	63.01	51
	Herbs - Shrubs	44.75	49.93	54.32	56.94	59.36	62.01	66.02	21
	Shrubs - Trees	44.66	48.28	51.46	53.08	54.97	56.56	60.93	16
	Tree Dominated	19.88	41.46	45.87	48.46	50.46	53.51	60.14	25

¹CV = coefficient of variation in the simulated distribution, computed as the difference between the 5 and 95th percentiles divided by the median and multiplied by 100 to convert to a percentage. n/d = not defined (division by zero).

²Landscape composition here represents the distribution of area among seral stages for the corresponding cover type. PLAND = the percent of the landscape encompassed by the corresponding seral stage. Note, PLAND = the percentage of the entire landscape, not as a percent of the corresponding cover type.

³Landscape configuration here represents the spatial character, distribution, and arrangement of the corresponding cover type. The landscape metrics listed here are described in detail in the FRAGSTATS methods section. PD = patch density; ED = edge density; AREA_MN = mean patch size; AREA_AM = area-weighted mean patch size; GYRATE_AM = area-weighted mean patch radius of gyration (correlation length); SHAPE_MN = mean patch shape index; SHAPE_AM = area-weighted mean patch shape index; CPLAND = core area percent of landscape; CORE_MN = mean patch core area; CORE_AM = area-weighted mean patch core area; CAI_MN = mean patch core area index; CAI_AM = area-weighted mean patch core area index; PROX_MN = mean proximity index; PROX_AM = area-weighted mean proximity index; CWED = contrast-weighted edge density; TECI = total edge contrast index; CLUMPY = clumpiness index; IJI = interspersed and juxtaposition index.