

**Appendix D. Detail Matrix for Vehicle Operations by Alternative and Park**

**D.1. Yellowstone**

In Yellowstone, the number of operations are dependent on whether the vehicles are guided, unguided, or a mix of both for peak and off-peak hours. Hours that represent all operation variations for a given alternative are highlighted in gray. Hours 09:00 to 10:00, 10:00 to 11:00, and 11:00 to 12:00 encompass all operation levels for alternatives that are wholly guided (Alternatives 1A, 1B, 1D, 1E, 2, 3, 6, and Current), refer to Section 3.4 for further details. Hours 08:00 to 09:00, 09:00 to 10:00, 13:00 to 14:00, 14:00 to 15:00, and 15:00 to 16:00 encompass all operation levels for alternatives that are wholly unguided (Historical). Hours 08:00 to 09:00, 09:00 to 10:00, 10:00 to 11:00, 11:00 to 12:00, 14:00 to 15:00, and 15:00 to 16:00 encompass all operation levels for alternatives that are mix of guided and unguided operations (Alternatives 4 and 5).

**Table 18: Alternative 1A<sup>a</sup>**

**Operations for BAT Snowmobiles in Groups of 8 for Alternative 1A**

Road Segment	08:00 - 09:00	09:00 - 10:00	10:00 - 11:00	11:00 - 12:00	12:00 - 13:00	13:00 - 14:00	14:00 - 15:00	15:00 - 16:00	Hr
Canyon Village to Fishing Bridge	4.539	4.539	4.539	4.539	4.539	4.539	4.539	4.539	Ops
Madison to Old Faithful	4.148	4.148	4.148	20.739	20.739	20.739	4.148	4.148	Ops
Fishing Bridge to East Entrance	1.184	1.184	1.184	1.184	1.184	1.184	1.184	1.184	Ops
Fishing Bridge to West Thumb	2.346	2.346	2.346	2.346	2.346	2.346	2.346	2.346	Ops
Madison to Norris	4.551	4.551	4.551	4.551	4.551	4.551	4.551	4.551	Ops
West Entrance to Madison	5.580	25.110	5.580	5.580	5.580	5.580	5.580	25.110	Ops
Norris to Canyon Village	3.274	3.274	3.274	3.274	3.274	3.274	3.274	3.274	Ops
Mammoth to Norris	1.316	1.316	1.316	1.316	1.316	1.316	1.316	1.316	Ops
West Thumb to Flagg Ranch	1.545	18.540	1.545	1.545	1.545	1.545	1.545	18.540	Ops
Old Faithful to West Thumb	2.458	2.458	2.458	12.291	12.291	12.291	2.458	2.458	Ops

**Operations for BAT Snowmobiles in Groups of 17 for Alternative 1A**

Road Segment	08:00 - 09:00	09:00 - 10:00	10:00 - 11:00	11:00 - 12:00	12:00 - 13:00	13:00 - 14:00	14:00 - 15:00	15:00 - 16:00	Hr
Canyon Village to Fishing Bridge	0.237	0.237	0.237	0.237	0.237	0.237	0.237	0.237	Ops
Madison to Old Faithful	0.217	0.217	0.217	1.084	1.084	1.084	0.217	0.217	Ops
Fishing Bridge to East Entrance	0.062	0.062	0.062	0.062	0.062	0.062	0.062	0.062	Ops
Fishing Bridge to West Thumb	0.123	0.123	0.123	0.123	0.123	0.123	0.123	0.123	Ops
Madison to Norris	0.238	0.238	0.238	0.238	0.238	0.238	0.238	0.238	Ops
West Entrance to Madison	0.292	1.313	0.292	0.292	0.292	0.292	0.292	1.313	Ops
Norris to Canyon Village	0.171	0.171	0.171	0.171	0.171	0.171	0.171	0.171	Ops
Mammoth to Norris	0.069	0.069	0.069	0.069	0.069	0.069	0.069	0.069	Ops
West Thumb to Flagg Ranch	0.081	0.969	0.081	0.081	0.081	0.081	0.081	0.969	Ops
Old Faithful to West Thumb	0.129	0.129	0.129	0.643	0.643	0.643	0.129	0.129	Ops

<sup>a</sup> Three decimal places are kept in these tables because the data are derived by dividing integer operations by segments; hours; and by guide, group, and BAT requirements.

Operations for BAT Snowcoaches for Alternative 1A

Road Segment	08:00 - 09:00	09:00 - 10:00	10:00 - 11:00	11:00 - 12:00	12:00 - 13:00	13:00 - 14:00	14:00 - 15:00	15:00 - 16:00	Hr
Canyon Village to Fishing Bridge	3.253	3.253	3.253	3.253	3.253	3.253	3.253	3.253	Ops
Madison to Old Faithful	3.935	3.935	3.935	19.673	19.673	19.673	3.935	3.935	Ops
Fishing Bridge to East Entrance	0.780	0.780	0.780	0.780	0.780	0.780	0.780	0.780	Ops
Fishing Bridge to West Thumb	1.195	1.195	1.195	1.195	1.195	1.195	1.195	1.195	Ops
Madison to Norris	4.730	4.730	4.730	4.730	4.730	4.730	4.730	4.730	Ops
West Entrance to Madison	4.839	21.777	4.839	4.839	4.839	4.839	4.839	21.777	Ops
Norris to Canyon Village	3.053	3.053	3.053	3.053	3.053	3.053	3.053	3.053	Ops
Mammoth to Norris	3.213	3.213	3.213	3.213	3.213	3.213	3.213	3.213	Ops
West Thumb to Flagg Ranch	1.380	16.556	1.380	1.380	1.380	1.380	1.380	16.556	Ops
Old Faithful to West Thumb	2.367	2.367	2.367	11.833	11.833	11.833	2.367	2.367	Ops

Table 19: Alternative 1B

Operations for BAT Snowmobiles in Groups of 11 for Alternative 1B

Road Segment	08:00 - 09:00	09:00 - 10:00	10:00 - 11:00	11:00 - 12:00	12:00 - 13:00	13:00 - 14:00	14:00 - 15:00	15:00 - 16:00	Hr
Canyon Village to Fishing Bridge	3.188	3.188	3.188	3.188	3.188	3.188	3.188	3.188	Ops
Madison to Old Faithful	3.464	3.464	3.464	17.322	17.322	17.322	3.464	3.464	Ops
Fishing Bridge to East Entrance	0.251	0.251	0.251	0.251	0.251	0.251	0.251	0.251	Ops
Fishing Bridge to West Thumb	1.887	1.887	1.887	1.887	1.887	1.887	1.887	1.887	Ops
Madison to Norris	3.575	3.575	3.575	3.575	3.575	3.575	3.575	3.575	Ops
West Entrance to Madison	4.739	21.327	4.739	4.739	4.739	4.739	4.739	21.327	Ops
Norris to Canyon Village	2.552	2.552	2.552	2.552	2.552	2.552	2.552	2.552	Ops
Mammoth to Norris	0.805	0.805	0.805	0.805	0.805	0.805	0.805	0.805	Ops
West Thumb to Flagg Ranch	1.505	18.065	1.505	1.505	1.505	1.505	1.505	18.065	Ops
Old Faithful to West Thumb	2.164	2.164	2.164	10.820	10.820	10.820	2.164	2.164	Ops

Operations for BAT Snowcoaches for Alternative 1B

Road Segment	08:00 - 09:00	09:00 - 10:00	10:00 - 11:00	11:00 - 12:00	12:00 - 13:00	13:00 - 14:00	14:00 - 15:00	15:00 - 16:00	Hr
Canyon Village to Fishing Bridge	2.896	2.896	2.896	2.896	2.896	2.896	2.896	2.896	Ops
Madison to Old Faithful	3.990	3.990	3.990	19.950	19.950	19.950	3.990	3.990	Ops
Fishing Bridge to East Entrance	0.199	0.199	0.199	0.199	0.199	0.199	0.199	0.199	Ops
Fishing Bridge to West Thumb	1.255	1.255	1.255	1.255	1.255	1.255	1.255	1.255	Ops
Madison to Norris	4.723	4.723	4.723	4.723	4.723	4.723	4.723	4.723	Ops
West Entrance to Madison	4.829	21.732	4.829	4.829	4.829	4.829	4.829	21.732	Ops
Norris to Canyon Village	2.996	2.996	2.996	2.996	2.996	2.996	2.996	2.996	Ops
Mammoth to Norris	3.186	3.186	3.186	3.186	3.186	3.186	3.186	3.186	Ops
West Thumb to Flagg Ranch	1.545	18.536	1.545	1.545	1.545	1.545	1.545	18.536	Ops
Old Faithful to West Thumb	2.539	2.539	2.539	12.695	12.695	12.695	2.539	2.539	Ops

**Table 20: Alternative 1D**

**Operations for BAT Snowmobiles in Groups of 11 for Alternative 1D**

Road Segment	08:00 - 09:00	09:00 - 10:00	10:00 - 11:00	11:00 - 12:00	12:00 - 13:00	13:00 - 14:00	14:00 - 15:00	15:00 - 16:00	Hr
Canyon Village to Fishing Bridge	3.032	3.032	3.032	3.032	3.032	3.032	3.032	3.032	Ops
Madison to Old Faithful	3.334	3.334	3.334	16.668	16.668	16.668	3.334	3.334	Ops
Fishing Bridge to East Entrance	0.230	0.230	0.230	0.230	0.230	0.230	0.230	0.230	Ops
Fishing Bridge to West Thumb	1.759	1.759	1.759	1.759	1.759	1.759	1.759	1.759	Ops
Madison to Norris	3.632	3.632	3.632	3.632	3.632	3.632	3.632	3.632	Ops
West Entrance to Madison	4.485	20.182	4.485	4.485	4.485	4.485	4.485	20.182	Ops
Norris to Canyon Village	2.555	2.555	2.555	2.555	2.555	2.555	2.555	2.555	Ops
Mammoth to Norris	1.018	1.018	1.018	1.018	1.018	1.018	1.018	1.018	Ops
West Thumb to Flagg Ranch	1.303	15.636	1.303	1.303	1.303	1.303	1.303	15.636	Ops
Old Faithful to West Thumb	1.950	1.950	1.950	9.750	9.750	9.750	1.950	1.950	Ops

**Operations for BAT Snowcoaches for Alternative 1D**

Road Segment	08:00 - 09:00	09:00 - 10:00	10:00 - 11:00	11:00 - 12:00	12:00 - 13:00	13:00 - 14:00	14:00 - 15:00	15:00 - 16:00	Hr
Canyon Village to Fishing Bridge	2.896	2.896	2.896	2.896	2.896	2.896	2.896	2.896	Ops
Madison to Old Faithful	3.990	3.990	3.990	19.950	19.950	19.950	3.990	3.990	Ops
Fishing Bridge to East Entrance	0.199	0.199	0.199	0.199	0.199	0.199	0.199	0.199	Ops
Fishing Bridge to West Thumb	1.255	1.255	1.255	1.255	1.255	1.255	1.255	1.255	Ops
Madison to Norris	4.723	4.723	4.723	4.723	4.723	4.723	4.723	4.723	Ops
West Entrance to Madison	4.829	21.732	4.829	4.829	4.829	4.829	4.829	21.732	Ops
Norris to Canyon Village	2.996	2.996	2.996	2.996	2.996	2.996	2.996	2.996	Ops
Mammoth to Norris	3.186	3.186	3.186	3.186	3.186	3.186	3.186	3.186	Ops
West Thumb to Flagg Ranch	1.545	18.536	1.545	1.545	1.545	1.545	1.545	18.536	Ops
Old Faithful to West Thumb	2.539	2.539	2.539	12.695	12.695	12.695	2.539	2.539	Ops

**Table 21: Alternative 1E**

**Operations for BAT Snowmobiles in Groups of 11 for Alternative 1E**

Road Segment	08:00 - 09:00	09:00 - 10:00	10:00 - 11:00	11:00 - 12:00	12:00 - 13:00	13:00 - 14:00	14:00 - 15:00	15:00 - 16:00	Hr
Canyon Village to Fishing Bridge	1.868	1.868	1.868	1.868	1.868	1.868	1.868	1.868	Ops
Madison to Old Faithful	3.830	3.830	3.830	19.150	19.150	19.150	3.830	3.830	Ops
Fishing Bridge to East Entrance	0.230	0.230	0.230	0.230	0.230	0.230	0.230	0.230	Ops
Fishing Bridge to West Thumb	2.234	2.234	2.234	2.234	2.234	2.234	2.234	2.234	Ops
Madison to Norris	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Ops
West Entrance to Madison	4.555	20.498	4.555	4.555	4.555	4.555	4.555	20.498	Ops
Norris to Canyon Village	0.780	0.780	0.780	0.780	0.780	0.780	0.780	0.780	Ops
Mammoth to Norris	0.984	0.984	0.984	0.984	0.984	0.984	0.984	0.984	Ops
West Thumb to Flagg Ranch	1.294	15.531	1.294	1.294	1.294	1.294	1.294	15.531	Ops
Old Faithful to West Thumb	2.393	2.393	2.393	11.966	11.966	11.966	2.393	2.393	Ops

Operations for BAT Snowcoaches for Alternative 1E

Road Segment	08:00 - 09:00	09:00 - 10:00	10:00 - 11:00	11:00 - 12:00	12:00 - 13:00	13:00 - 14:00	14:00 - 15:00	15:00 - 16:00	Hr
Canyon Village to Fishing Bridge	5.008	5.008	5.008	5.008	5.008	5.008	5.008	5.008	Ops
Madison to Old Faithful	3.758	3.758	3.758	18.790	18.790	18.790	3.758	3.758	Ops
Fishing Bridge to East Entrance	0.199	0.199	0.199	0.199	0.199	0.199	0.199	0.199	Ops
Fishing Bridge to West Thumb	4.393	4.393	4.393	4.393	4.393	4.393	4.393	4.393	Ops
Madison to Norris	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Ops
West Entrance to Madison	4.544	20.448	4.544	4.544	4.544	4.544	4.544	20.448	Ops
Norris to Canyon Village	2.630	2.630	2.630	2.630	2.630	2.630	2.630	2.630	Ops
Mammoth to Norris	3.605	3.605	3.605	3.605	3.605	3.605	3.605	3.605	Ops
West Thumb to Flagg Ranch	0.910	10.924	0.910	0.910	0.910	0.910	0.910	10.924	Ops
Old Faithful to West Thumb	2.917	2.917	2.917	14.583	14.583	14.583	2.917	2.917	Ops

Table 22: Alternative 2

Operations for BAT Snowcoaches for Alternative 2

Road Segment	08:00 - 09:00	09:00 - 10:00	10:00 - 11:00	11:00 - 12:00	12:00 - 13:00	13:00 - 14:00	14:00 - 15:00	15:00 - 16:00	Hr
Canyon Village to Fishing Bridge	4.681	4.681	4.681	4.681	4.681	4.681	4.681	4.681	Ops
Madison to Old Faithful	6.133	6.133	6.133	30.663	30.663	30.663	6.133	6.133	Ops
Fishing Bridge to East Entrance	0.336	0.336	0.336	0.336	0.336	0.336	0.336	0.336	Ops
Fishing Bridge to West Thumb	2.203	2.203	2.203	2.203	2.203	2.203	2.203	2.203	Ops
Madison to Norris	7.029	7.029	7.029	7.029	7.029	7.029	7.029	7.029	Ops
West Entrance to Madison	7.589	34.152	7.589	7.589	7.589	7.589	7.589	34.152	Ops
Norris to Canyon Village	4.544	4.544	4.544	4.544	4.544	4.544	4.544	4.544	Ops
Mammoth to Norris	4.263	4.263	4.263	4.263	4.263	4.263	4.263	4.263	Ops
West Thumb to Flagg Ranch	2.483	29.796	2.483	2.483	2.483	2.483	2.483	29.796	Ops
Old Faithful to West Thumb	3.968	3.968	3.968	19.838	19.838	19.838	3.968	3.968	Ops

Table 23: Alternative 3

Operations for BAT Snowmobiles in Groups of 11 for Alternative 3

Road Segment	08:00 - 09:00	09:00 - 10:00	10:00 - 11:00	11:00 - 12:00	12:00 - 13:00	13:00 - 14:00	14:00 - 15:00	15:00 - 16:00	Hr
Canyon Village to Fishing Bridge	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Ops
Madison to Old Faithful	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Ops
Fishing Bridge to East Entrance	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Ops
Fishing Bridge to West Thumb	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Ops
Madison to Norris	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Ops
West Entrance to Madison	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Ops
Norris to Canyon Village	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Ops
Mammoth to Norris	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Ops
West Thumb to Flagg Ranch	1.515	18.182	1.515	1.515	1.515	1.515	1.515	18.182	Ops
Old Faithful to West Thumb	2.273	2.273	2.273	11.364	11.364	11.364	2.273	2.273	Ops

Operations for BAT Snowcoaches for Alternative 3

Road Segment	08:00 - 09:00	09:00 - 10:00	10:00 - 11:00	11:00 - 12:00	12:00 - 13:00	13:00 - 14:00	14:00 - 15:00	15:00 - 16:00	Hr
Canyon Village to Fishing Bridge	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Ops
Madison to Old Faithful	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Ops
Fishing Bridge to East Entrance	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Ops
Fishing Bridge to West Thumb	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Ops
Madison to Norris	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Ops
West Entrance to Madison	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Ops
Norris to Canyon Village	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Ops
Mammoth to Norris	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Ops
West Thumb to Flagg Ranch	1.333	16.000	1.333	1.333	1.333	1.333	1.333	16.000	Ops
Old Faithful to West Thumb	2.000	2.000	2.000	10.000	10.000	10.000	2.000	2.000	Ops

Table 24: Alternative 4

Operations for BAT Snowmobiles in Groups of 11 for Alternative 4

Road Segment	08:00 - 09:00	09:00 - 10:00	10:00 - 11:00	11:00 - 12:00	12:00 - 13:00	13:00 - 14:00	14:00 - 15:00	15:00 - 16:00	Hr
Canyon Village to Fishing Bridge	4.266	4.266	4.266	4.266	4.266	4.266	4.266	4.266	Ops
Madison to Old Faithful	3.596	3.596	3.596	17.979	17.979	17.979	3.596	3.596	Ops
Fishing Bridge to East Entrance	1.585	1.585	1.585	1.585	1.585	1.585	1.585	1.585	Ops
Fishing Bridge to West Thumb	1.947	1.947	1.947	1.947	1.947	1.947	1.947	1.947	Ops
Madison to Norris	3.955	3.955	3.955	3.955	3.955	3.955	3.955	3.955	Ops
West Entrance to Madison	5.063	22.781	5.063	5.063	5.063	5.063	5.063	22.781	Ops
Norris to Canyon Village	2.945	2.945	2.945	2.945	2.945	2.945	2.945	2.945	Ops
Mammoth to Norris	0.916	0.916	0.916	0.916	0.916	0.916	0.916	0.916	Ops
West Thumb to Flagg Ranch	1.094	13.125	1.094	1.094	1.094	1.094	1.094	13.125	Ops
Old Faithful to West Thumb	1.903	1.903	1.903	9.516	9.516	9.516	1.903	1.903	Ops

Operations for BAT Snowmobiles in Groups of 5 for Alternative 4

Road Segment	08:00 - 09:00	09:00 - 10:00	10:00 - 11:00	11:00 - 12:00	12:00 - 13:00	13:00 - 14:00	14:00 - 15:00	15:00 - 16:00	Hr
Canyon Village to Fishing Bridge	3.128	3.128	3.128	3.128	3.128	3.128	3.128	3.128	Ops
Madison to Old Faithful	2.637	2.637	2.637	13.184	13.184	13.184	2.637	2.637	Ops
Fishing Bridge to East Entrance	1.163	1.163	1.163	1.163	1.163	1.163	1.163	1.163	Ops
Fishing Bridge to West Thumb	1.428	1.428	1.428	1.428	1.428	1.428	1.428	1.428	Ops
Madison to Norris	2.900	2.900	2.900	2.900	2.900	2.900	2.900	2.900	Ops
West Entrance to Madison	6.497	6.497	6.497	3.480	3.480	3.480	3.480	22.275	Ops
Norris to Canyon Village	2.159	2.159	2.159	2.159	2.159	2.159	2.159	2.159	Ops
Mammoth to Norris	0.672	0.672	0.672	0.672	0.672	0.672	0.672	0.672	Ops
West Thumb to Flagg Ranch	1.684	3.609	3.609	1.684	1.684	1.684	1.684	8.422	Ops
Old Faithful to West Thumb	1.396	1.396	1.396	6.978	6.978	6.978	1.396	1.396	Ops

Operations for BAT Snowcoaches for Alternative 4

Road Segment	08:00 - 09:00	09:00 - 10:00	10:00 - 11:00	11:00 - 12:00	12:00 - 13:00	13:00 - 14:00	14:00 - 15:00	15:00 - 16:00	Hr
Canyon Village to Fishing Bridge	5.014	5.014	5.014	5.014	5.014	5.014	5.014	5.014	Ops
Madison to Old Faithful	5.694	5.694	5.694	28.470	28.470	28.470	5.694	5.694	Ops
Fishing Bridge to East Entrance	1.286	1.286	1.286	1.286	1.286	1.286	1.286	1.286	Ops
Fishing Bridge to West Thumb	2.003	2.003	2.003	2.003	2.003	2.003	2.003	2.003	Ops
Madison to Norris	6.670	6.670	6.670	6.670	6.670	6.670	6.670	6.670	Ops
West Entrance to Madison	7.035	31.656	7.035	7.035	7.035	7.035	7.035	31.656	Ops
Norris to Canyon Village	4.364	4.364	4.364	4.364	4.364	4.364	4.364	4.364	Ops
Mammoth to Norris	4.271	4.271	4.271	4.271	4.271	4.271	4.271	4.271	Ops
West Thumb to Flagg Ranch	2.181	26.168	2.181	2.181	2.181	2.181	2.181	26.168	Ops
Old Faithful to West Thumb	3.610	3.610	3.610	18.050	18.050	18.050	3.610	3.610	Ops

Table 25: Alternative 5

Operations for BAT Snowmobiles in Groups of 11 for Alternative 5

Road Segment	08:00 - 09:00	09:00 - 10:00	10:00 - 11:00	11:00 - 12:00	12:00 - 13:00	13:00 - 14:00	14:00 - 15:00	15:00 - 16:00	Hr
Canyon Village to Fishing Bridge	2.646	2.646	2.646	2.646	2.646	2.646	2.646	2.646	Ops
Madison to Old Faithful	2.330	2.330	2.330	11.649	11.649	11.649	2.330	2.330	Ops
Fishing Bridge to East Entrance	0.820	0.820	0.820	0.820	0.820	0.820	0.820	0.820	Ops
Fishing Bridge to West Thumb	1.265	1.265	1.265	1.265	1.265	1.265	1.265	1.265	Ops
Madison to Norris	2.732	2.732	2.732	2.732	2.732	2.732	2.732	2.732	Ops
West Entrance to Madison	3.050	13.725	3.050	3.050	3.050	3.050	3.050	13.725	Ops
Norris to Canyon Village	1.923	1.923	1.923	1.923	1.923	1.923	1.923	1.923	Ops
Mammoth to Norris	1.072	1.072	1.072	1.072	1.072	1.072	1.072	1.072	Ops
West Thumb to Flagg Ranch	0.774	9.284	0.774	0.774	0.774	0.774	0.774	9.284	Ops
Old Faithful to West Thumb	1.276	1.276	1.276	6.378	6.378	6.378	1.276	1.276	Ops

Operations for BAT Snowmobiles in Groups of 5 for Alternative 5

Road Segment	08:00 - 09:00	09:00 - 10:00	10:00 - 11:00	11:00 - 12:00	12:00 - 13:00	13:00 - 14:00	14:00 - 15:00	15:00 - 16:00	Hr
Canyon Village to Fishing Bridge	1.456	1.456	1.456	1.456	1.456	1.456	1.456	1.456	Ops
Madison to Old Faithful	1.281	1.281	1.281	6.407	6.407	6.407	1.281	1.281	Ops
Fishing Bridge to East Entrance	0.451	0.451	0.451	0.451	0.451	0.451	0.451	0.451	Ops
Fishing Bridge to West Thumb	0.696	0.696	0.696	0.696	0.696	0.696	0.696	0.696	Ops
Madison to Norris	1.502	1.502	1.502	1.502	1.502	1.502	1.502	1.502	Ops
West Entrance to Madison	2.936	2.936	2.936	1.573	1.573	1.573	1.573	10.065	Ops
Norris to Canyon Village	1.058	1.058	1.058	1.058	1.058	1.058	1.058	1.058	Ops
Mammoth to Norris	0.590	0.590	0.590	0.590	0.590	0.590	0.590	0.590	Ops
West Thumb to Flagg Ranch	0.894	1.915	1.915	0.894	0.894	0.894	0.894	4.468	Ops
Old Faithful to West Thumb	0.702	0.702	0.702	3.508	3.508	3.508	0.702	0.702	Ops

Operations for BAT Snowcoaches for Alternative 5

Road Segment	08:00 - 09:00	09:00 - 10:00	10:00 - 11:00	11:00 - 12:00	12:00 - 13:00	13:00 - 14:00	14:00 - 15:00	15:00 - 16:00	Hr
Canyon Village to Fishing Bridge	4.064	4.064	4.064	4.064	4.064	4.064	4.064	4.064	Ops
Madison to Old Faithful	5.090	5.090	5.090	25.450	25.450	25.450	5.090	5.090	Ops
Fishing Bridge to East Entrance	0.834	0.834	0.834	0.834	0.834	0.834	0.834	0.834	Ops
Fishing Bridge to West Thumb	1.515	1.515	1.515	1.515	1.515	1.515	1.515	1.515	Ops
Madison to Norris	6.135	6.135	6.135	6.135	6.135	6.135	6.135	6.135	Ops
West Entrance to Madison	6.249	28.122	6.249	6.249	6.249	6.249	6.249	28.122	Ops
Norris to Canyon Village	3.939	3.939	3.939	3.939	3.939	3.939	3.939	3.939	Ops
Mammoth to Norris	4.186	4.186	4.186	4.186	4.186	4.186	4.186	4.186	Ops
West Thumb to Flagg Ranch	1.775	21.296	1.775	1.775	1.775	1.775	1.775	21.296	Ops
Old Faithful to West Thumb	3.039	3.039	3.039	15.195	15.195	15.195	3.039	3.039	Ops

Table 26: Alternative 6

Operations for BAT Snowmobiles in Groups of 8 for Alternative 6

Road Segment	08:00 - 09:00	09:00 - 10:00	10:00 - 11:00	11:00 - 12:00	12:00 - 13:00	13:00 - 14:00	14:00 - 15:00	15:00 - 16:00	Hr
Canyon Village to Fishing Bridge	3.727	3.727	3.727	3.727	3.727	3.727	3.727	3.727	Ops
Madison to Old Faithful	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Ops
Fishing Bridge to East Entrance	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Ops
Fishing Bridge to West Thumb	3.938	3.938	3.938	3.938	3.938	3.938	3.938	3.938	Ops
Madison to Norris	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Ops
West Entrance to Madison	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Ops
Norris to Canyon Village	0.211	0.211	0.211	0.211	0.211	0.211	0.211	0.211	Ops
Mammoth to Norris	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Ops
West Thumb to Flagg Ranch	1.725	20.700	1.725	1.725	1.725	1.725	1.725	20.700	Ops
Old Faithful to West Thumb	3.009	3.009	3.009	15.047	15.047	15.047	3.009	3.009	Ops

Operations for BAT Snowmobiles in Group of 17 for Alternative 6

Road Segment	08:00 - 09:00	09:00 - 10:00	10:00 - 11:00	11:00 - 12:00	12:00 - 13:00	13:00 - 14:00	14:00 - 15:00	15:00 - 16:00	Hr
Canyon Village to Fishing Bridge	0.195	0.195	0.195	0.195	0.195	0.195	0.195	0.195	Ops
Madison to Old Faithful	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Ops
Fishing Bridge to East Entrance	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Ops
Fishing Bridge to West Thumb	0.206	0.206	0.206	0.206	0.206	0.206	0.206	0.206	Ops
Madison to Norris	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Ops
West Entrance to Madison	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Ops
Norris to Canyon Village	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	Ops
Mammoth to Norris	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Ops
West Thumb to Flagg Ranch	0.090	1.082	0.090	0.090	0.090	0.090	0.090	1.082	Ops
Old Faithful to West Thumb	0.157	0.157	0.157	0.787	0.787	0.787	0.157	0.157	Ops

Operations for BAT Snowcoaches for Alternative 6

Road Segment	08:00 - 09:00	09:00 - 10:00	10:00 - 11:00	11:00 - 12:00	12:00 - 13:00	13:00 - 14:00	14:00 - 15:00	15:00 - 16:00	Hr
Canyon Village to Fishing Bridge	6.850	6.850	6.850	6.850	6.850	6.850	6.850	6.850	Ops
Madison to Old Faithful	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Ops
Fishing Bridge to East Entrance	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Ops
Fishing Bridge to West Thumb	6.925	6.925	6.925	6.925	6.925	6.925	6.925	6.925	Ops
Madison to Norris	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Ops
West Entrance to Madison	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Ops
Norris to Canyon Village	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	Ops
Mammoth to Norris	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Ops
West Thumb to Flagg Ranch	0.700	8.400	0.700	0.700	0.700	0.700	0.700	8.400	Ops
Old Faithful to West Thumb	3.410	3.410	3.410	17.050	17.050	17.050	3.410	3.410	Ops

Operations for Wheeled Vehicles for Alternative 6 - 1/2 Vans, 1/2 Buses

Road Segment	08:00 - 09:00	09:00 - 10:00	10:00 - 11:00	11:00 - 12:00	12:00 - 13:00	13:00 - 14:00	14:00 - 15:00	15:00 - 16:00	Hr
Canyon Village to Fishing Bridge	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Ops
Madison to Old Faithful	3.750	3.750	3.750	18.750	18.750	18.750	3.750	3.750	Ops
Fishing Bridge to East Entrance	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Ops
Fishing Bridge to West Thumb	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Ops
Madison to Norris	4.297	4.297	4.297	4.297	4.297	4.297	4.297	4.297	Ops
West Entrance to Madison	4.458	20.063	4.458	4.458	4.458	4.458	4.458	20.063	Ops
Norris to Canyon Village	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Ops
Mammoth to Norris	4.219	4.219	4.219	4.219	4.219	4.219	4.219	4.219	Ops
West Thumb to Flagg Ranch	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Ops
Old Faithful to West Thumb	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Ops

Table 27: Current Condition

Operations for BAT Snowmobiles in Groups of 7 for Current

Road Segment	08:00 - 09:00	09:00 - 10:00	10:00 - 11:00	11:00 - 12:00	12:00 - 13:00	13:00 - 14:00	14:00 - 15:00	15:00 - 16:00	Hr
Canyon Village to Fishing Bridge	1.939	1.939	1.939	1.939	1.939	1.939	1.939	1.939	Ops
Madison to Old Faithful	1.924	1.924	1.924	9.620	9.620	9.620	1.924	1.924	Ops
Fishing Bridge to East Entrance	0.366	0.366	0.366	0.366	0.366	0.366	0.366	0.366	Ops
Fishing Bridge to West Thumb	1.057	1.057	1.057	1.057	1.057	1.057	1.057	1.057	Ops
Madison to Norris	1.950	1.950	1.950	1.950	1.950	1.950	1.950	1.950	Ops
West Entrance to Madison	2.687	12.092	2.687	2.687	2.687	2.687	2.687	12.092	Ops
Norris to Canyon Village	1.423	1.423	1.423	1.423	1.423	1.423	1.423	1.423	Ops
Mammoth to Norris	0.386	0.386	0.386	0.386	0.386	0.386	0.386	0.386	Ops
West Thumb to Flagg Ranch	0.784	9.411	0.784	0.784	0.784	0.784	0.784	9.411	Ops
Old Faithful to West Thumb	1.193	1.193	1.193	5.966	5.966	5.966	1.193	1.193	Ops



Operations for BAT Snowcoaches for Current - 1/3 Bombardier, 1/3 Snowbuster, 1/3 Mattrack

Road Segment	08:00 - 09:00	09:00 - 10:00	10:00 - 11:00	11:00 - 12:00	12:00 - 13:00	13:00 - 14:00	14:00 - 15:00	15:00 - 16:00	Hr
Canyon Village to Fishing Bridge	0.448	0.448	0.448	0.448	0.448	0.448	0.448	0.448	Ops
Madison to Old Faithful	0.515	0.515	0.515	2.574	2.574	2.574	0.515	0.515	Ops
Fishing Bridge to East Entrance	0.094	0.094	0.094	0.094	0.094	0.094	0.094	0.094	Ops
Fishing Bridge to West Thumb	0.168	0.168	0.168	0.168	0.168	0.168	0.168	0.168	Ops
Madison to Norris	0.673	0.673	0.673	0.673	0.673	0.673	0.673	0.673	Ops
West Entrance to Madison	0.620	2.789	0.620	0.620	0.620	0.620	0.620	2.789	Ops
Norris to Canyon Village	0.423	0.423	0.423	0.423	0.423	0.423	0.423	0.423	Ops
Mammoth to Norris	0.490	0.490	0.490	0.490	0.490	0.490	0.490	0.490	Ops
West Thumb to Flagg Ranch	0.149	1.785	0.149	0.149	0.149	0.149	0.149	1.785	Ops
Old Faithful to West Thumb	0.249	0.249	0.249	1.244	1.244	1.244	0.249	0.249	Ops

Table 28: Historical Condition

Operations for non-BAT Snowmobiles in Groups of 5 for Historical

Road Segment	08:00 - 09:00	09:00 - 10:00	10:00 - 11:00	11:00 - 12:00	12:00 - 13:00	13:00 - 14:00	14:00 - 15:00	15:00 - 16:00	Hr
Canyon Village to Fishing Bridge	14.887	14.887	14.887	14.887	14.887	14.887	14.887	14.887	Ops
Madison to Old Faithful	15.750	15.750	15.750	78.751	78.751	78.751	15.750	15.750	Ops
Fishing Bridge to East Entrance	3.382	3.382	3.382	3.382	3.382	3.382	3.382	3.382	Ops
Fishing Bridge to West Thumb	6.866	6.866	6.866	6.866	6.866	6.866	6.866	6.866	Ops
Madison to Norris	16.908	16.908	16.908	16.908	16.908	16.908	16.908	16.908	Ops
West Entrance to Madison	40.564	40.564	40.564	21.731	21.731	21.731	21.731	139.076	Ops
Norris to Canyon Village	12.434	12.434	12.434	12.434	12.434	12.434	12.434	12.434	Ops
Mammoth to Norris	3.229	3.229	3.229	3.229	3.229	3.229	3.229	3.229	Ops
West Thumb to Flagg Ranch	8.401	18.003	18.003	8.401	8.401	8.401	8.401	42.007	Ops
Old Faithful to West Thumb	7.277	7.277	7.277	36.387	36.387	36.387	7.277	7.277	Ops

Operations for non-BAT Snowcoaches for Historical - 1/3 Bombardier, 1/3 Snowbuster, 1/3 Mattrack

Road Segment	08:00 - 09:00	09:00 - 10:00	10:00 - 11:00	11:00 - 12:00	12:00 - 13:00	13:00 - 14:00	14:00 - 15:00	15:00 - 16:00	Hr
Canyon Village to Fishing Bridge	0.565	0.565	0.565	0.565	0.565	0.565	0.565	0.565	Ops
Madison to Old Faithful	0.692	0.692	0.692	0.565	3.462	3.462	0.692	0.692	Ops
Fishing Bridge to East Entrance	0.102	0.102	0.102	0.565	0.102	0.102	0.102	0.102	Ops
Fishing Bridge to West Thumb	0.235	0.235	0.235	0.565	0.235	0.235	0.235	0.235	Ops
Madison to Norris	0.787	0.787	0.787	0.565	0.787	0.787	0.787	0.787	Ops
West Entrance to Madison	1.577	1.577	1.577	0.565	0.845	0.845	0.845	5.408	Ops
Norris to Canyon Village	0.524	0.524	0.524	0.565	0.524	0.524	0.524	0.524	Ops
Mammoth to Norris	0.430	0.430	0.430	0.565	0.430	0.430	0.430	0.430	Ops
West Thumb to Flagg Ranch	0.510	1.093	1.093	0.565	0.510	0.510	0.510	2.550	Ops
Old Faithful to West Thumb	0.407	0.407	0.407	0.565	2.033	2.033	0.407	0.407	Ops

**D.2. Grand Teton**

Operations for all hours are modeled the same in Grand Teton, that is, there are no peak or off-peak hours. Therefore, any single hour can be used for modeling purposes.

**Table 29: Alternative 1**

**Operations for BAT Snowmobiles in Groups of 5 (Lake ungrouped) for Alternative 1**

Road Segment	08:00 - 09:00	09:00 - 10:00	10:00 - 11:00	11:00 - 12:00	12:00 - 13:00	13:00 - 14:00	14:00 - 15:00	15:00 - 16:00	Hr
Moran Junction to Flagg Ranch	2.500	2.500	2.500	2.500	2.500	2.500	2.500	2.500	Ops
Grassy Lake Road	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	Ops
Jackson Lake fishing access	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	Ops

**Operations for non-BAT Snowmobiles in Groups of 5 for Alternative 1**

Road Segment	08:00 - 09:00	09:00 - 10:00	10:00 - 11:00	11:00 - 12:00	12:00 - 13:00	13:00 - 14:00	14:00 - 15:00	15:00 - 16:00	Hr
Moran Junction to Flagg Ranch	X	X	X	X	X	X	X	X	Ops
Grassy Lake Road	1.900	1.900	1.900	1.900	1.900	1.900	1.900	1.900	Ops
Jackson Lake fishing access	X	X	X	X	X	X	X	X	Ops

**Table 30: Alternative 3**

**Operations for BAT Snowmobiles for Alternative 3**

Road Segment	08:00 - 09:00	09:00 - 10:00	10:00 - 11:00	11:00 - 12:00	12:00 - 13:00	13:00 - 14:00	14:00 - 15:00	15:00 - 16:00	Hr
Moran Junction to Flagg Ranch	X	X	X	X	X	X	X	X	Ops
Grassy Lake Road	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	Ops
Jackson Lake fishing access	X	X	X	X	X	X	X	X	Ops

**Operations for non-BAT Snowmobiles for Alternative 3**

Road Segment	08:00 - 09:00	09:00 - 10:00	10:00 - 11:00	11:00 - 12:00	12:00 - 13:00	13:00 - 14:00	14:00 - 15:00	15:00 - 16:00	Hr
Moran Junction to Flagg Ranch	X	X	X	X	X	X	X	X	Ops
Grassy Lake Road	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	Ops
Jackson Lake fishing access	X	X	X	X	X	X	X	X	Ops

**Table 31: Alternative 4**

**Operations for BAT Snowmobiles in Groups of 5 (Lake ungrouped) for Alternative 4**

Road Segment	08:00 - 09:00	09:00 - 10:00	10:00 - 11:00	11:00 - 12:00	12:00 - 13:00	13:00 - 14:00	14:00 - 15:00	15:00 - 16:00	Hr
Moran Junction to Flagg Ranch	1.136	1.136	1.136	1.136	1.136	1.136	1.136	1.136	Ops
Grassy Lake Road	1.188	1.188	1.188	1.188	1.188	1.188	1.188	1.188	Ops
Jackson Lake fishing access	25.000	25.000	25.000	25.000	25.000	25.000	25.000	25.000	Ops

Operations for non-BAT Snowmobiles in Groups of 5 for Alternative 4

Road Segment	08:00 - 09:00	09:00 - 10:00	10:00 - 11:00	11:00 - 12:00	12:00 - 13:00	13:00 - 14:00	14:00 - 15:00	15:00 - 16:00	Hr
Moran Junction to Flagg Ranch	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	Ops
Grassy Lake Road	2.375	2.375	2.375	2.375	2.375	2.375	2.375	2.375	Ops
Jackson Lake fishing access	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Ops

Table 32: Alternative 5

Operations for BAT Snowmobiles in Groups of 5 (Lake ungrouped) for Alternative 5

Road Segment	08:00 - 09:00	09:00 - 10:00	10:00 - 11:00	11:00 - 12:00	12:00 - 13:00	13:00 - 14:00	14:00 - 15:00	15:00 - 16:00	Hr
Moran Junction to Flagg Ranch	2.500	2.500	2.500	2.500	2.500	2.500	2.500	2.500	Ops
Grassy Lake Road	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	Ops
Jackson Lake fishing access	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	Ops

Operations for non-BAT Snowmobiles in Groups of 5 for Alternative 5

Road Segment	08:00 - 09:00	09:00 - 10:00	10:00 - 11:00	11:00 - 12:00	12:00 - 13:00	13:00 - 14:00	14:00 - 15:00	15:00 - 16:00	Hr
Moran Junction to Flagg Ranch	X	X	X	X	X	X	X	X	Ops
Grassy Lake Road	1.900	1.900	1.900	1.900	1.900	1.900	1.900	1.900	Ops
Jackson Lake fishing access	X	X	X	X	X	X	X	X	Ops

Table 33: Alternative 6

Operations for BAT Snowmobiles in Groups of 5 (Lake ungrouped) for Alternative 6

Road Segment	08:00 - 09:00	09:00 - 10:00	10:00 - 11:00	11:00 - 12:00	12:00 - 13:00	13:00 - 14:00	14:00 - 15:00	15:00 - 16:00	Hr
Moran Junction to Flagg Ranch	X	X	X	X	X	X	X	X	Ops
Grassy Lake Road	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	Ops
Jackson Lake fishing access	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	Ops

Operations for non-BAT Snowmobiles in Groups of 5 for Alternative 6

Road Segment	08:00 - 09:00	09:00 - 10:00	10:00 - 11:00	11:00 - 12:00	12:00 - 13:00	13:00 - 14:00	14:00 - 15:00	15:00 - 16:00	Hr
Moran Junction to Flagg Ranch	X	X	X	X	X	X	X	X	Ops
Grassy Lake Road	1.900	1.900	1.900	1.900	1.900	1.900	1.900	1.900	Ops
Jackson Lake fishing access	X	X	X	X	X	X	X	X	Ops

Table 34: Current Condition

Operations for BAT Snowmobiles (ungrouped) for Current

Road Segment	08:00 - 09:00	09:00 - 10:00	10:00 - 11:00	11:00 - 12:00	12:00 - 13:00	13:00 - 14:00	14:00 - 15:00	15:00 - 16:00	Hr
Moran Junction to Flagg Ranch	X	X	X	X	X	X	X	X	Ops
Grassy Lake Road	X	X	X	X	X	X	X	X	Ops
Jackson Lake fishing access	2.500	2.500	2.500	2.500	2.500	2.500	2.500	2.500	Ops

Operations for non-BAT Snowmobiles in Groups of 5 for Current

Road Segment	08:00 - 09:00	09:00 - 10:00	10:00 - 11:00	11:00 - 12:00	12:00 - 13:00	13:00 - 14:00	14:00 - 15:00	15:00 - 16:00	Hr
Moran Junction to Flagg Ranch	X	X	X	X	X	X	X	X	Ops
Grassy Lake Road	0.950	0.950	0.950	0.950	0.950	0.950	0.950	0.950	Ops
Jackson Lake fishing access	X	X	X	X	X	X	X	X	Ops

Table 35: Historical Condition

Operations for non-BAT Snowmobiles in Groups of 5 (Lake ungrouped) for Historical

Road Segment	08:00 - 09:00	09:00 - 10:00	10:00 - 11:00	11:00 - 12:00	12:00 - 13:00	13:00 - 14:00	14:00 - 15:00	15:00 - 16:00	Hr
Moran Junction to Flagg Ranch	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	Ops
Grassy Lake Road	2.138	2.138	2.138	2.138	2.138	2.138	2.138	2.138	Ops
Jackson Lake fishing access	15.000	15.000	15.000	15.000	15.000	15.000	15.000	15.000	Ops

**Appendix E. Final Modeling Results – Grouping and Scheduling is Included**

Contours are shown for hours, which cover all hourly operation variations for each alternative. Other hours for a given alternative will be the same as one of contours that is presented. The park areas in Table 36 and Table 37 are based on a weighted sum of all hours of operation, 08:00 to 16:00.

E.1. Percent Time Audible, Yellowstone

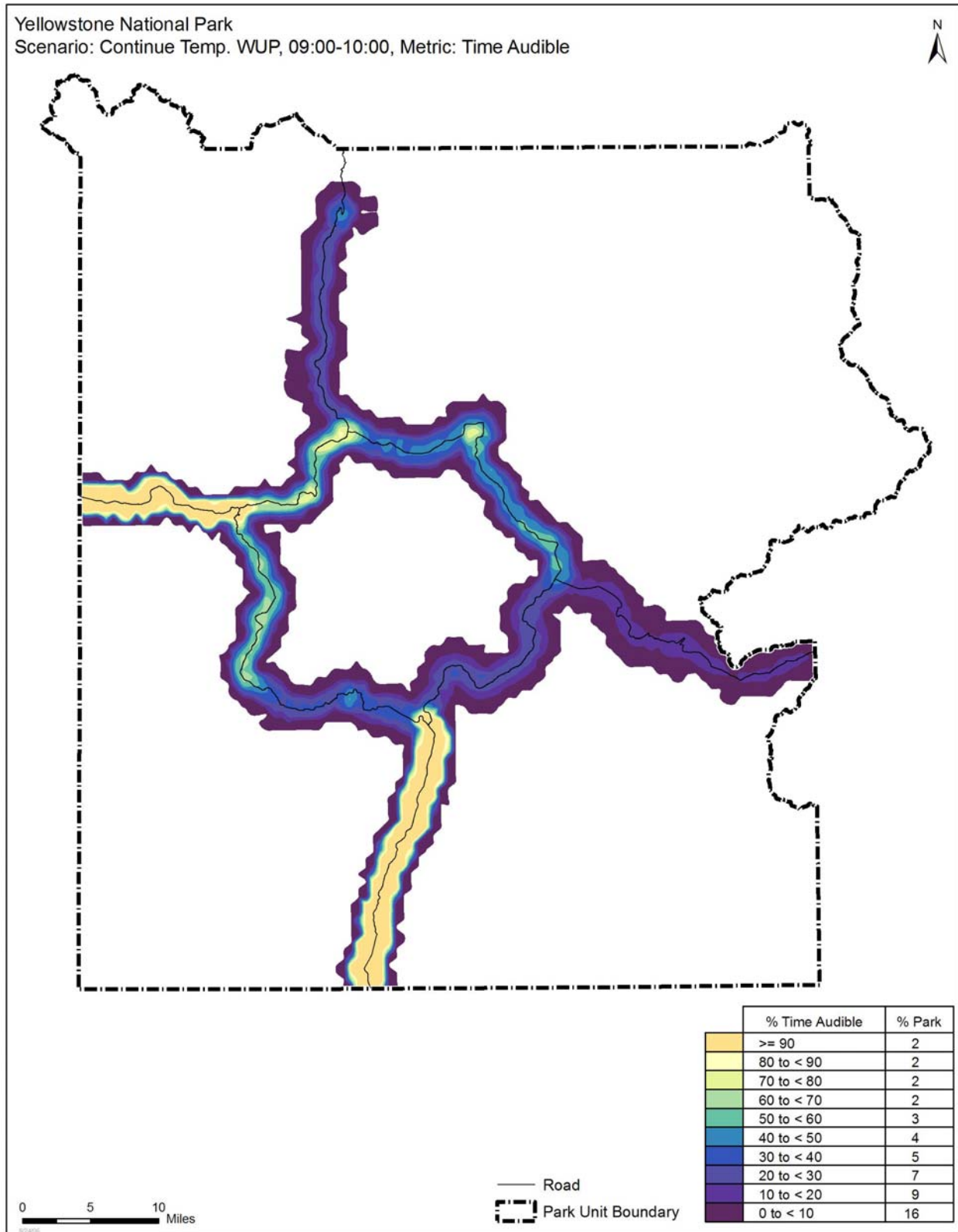


Figure 56: Yellowstone - Alternative 1A, 09:00 to 10:00 and 15:00 to 16:00

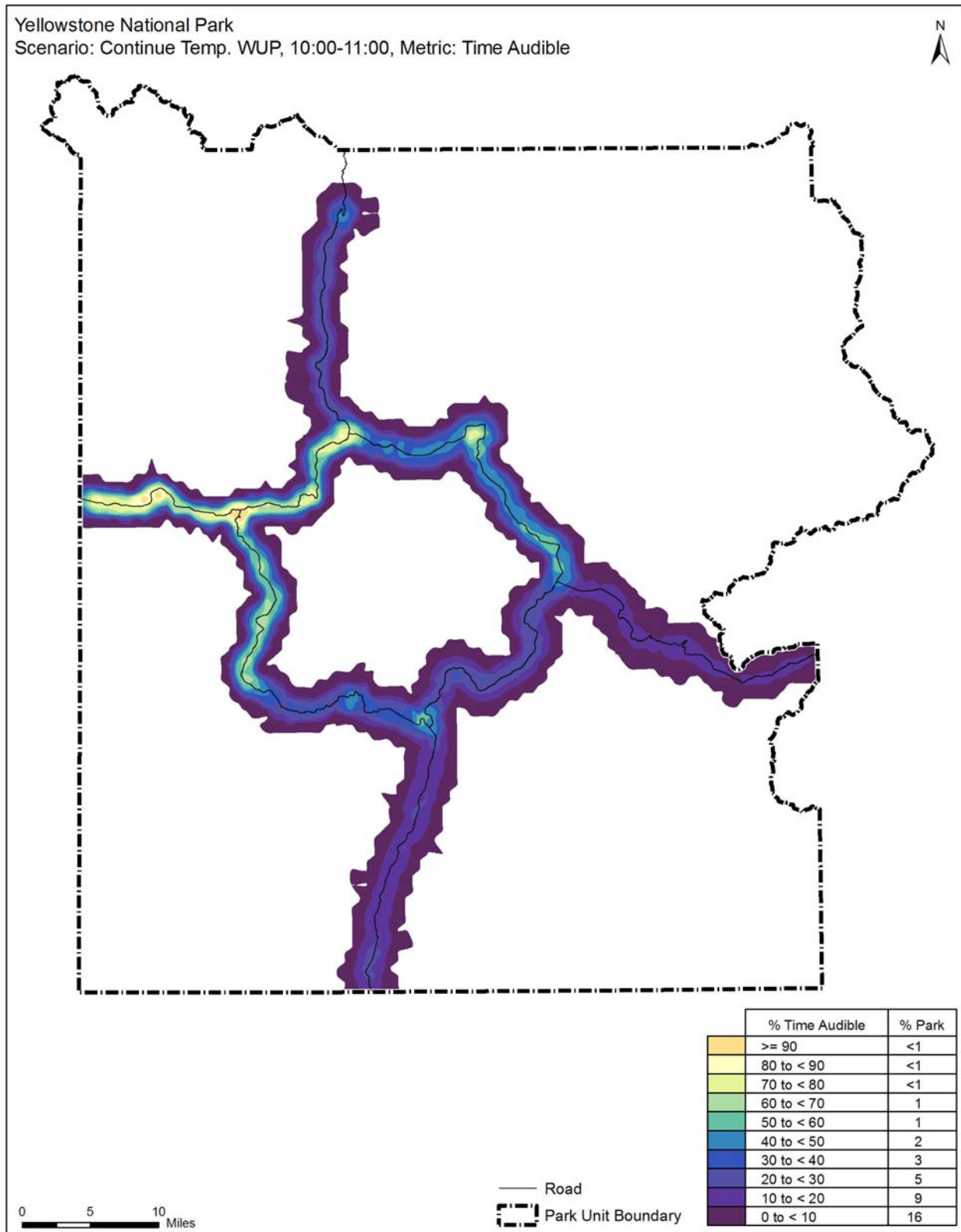


Figure 57: Yellowstone - Alternative 1A, 08:00 to 09:00, 10:00 to 11:00, and 14:00 to 15:00

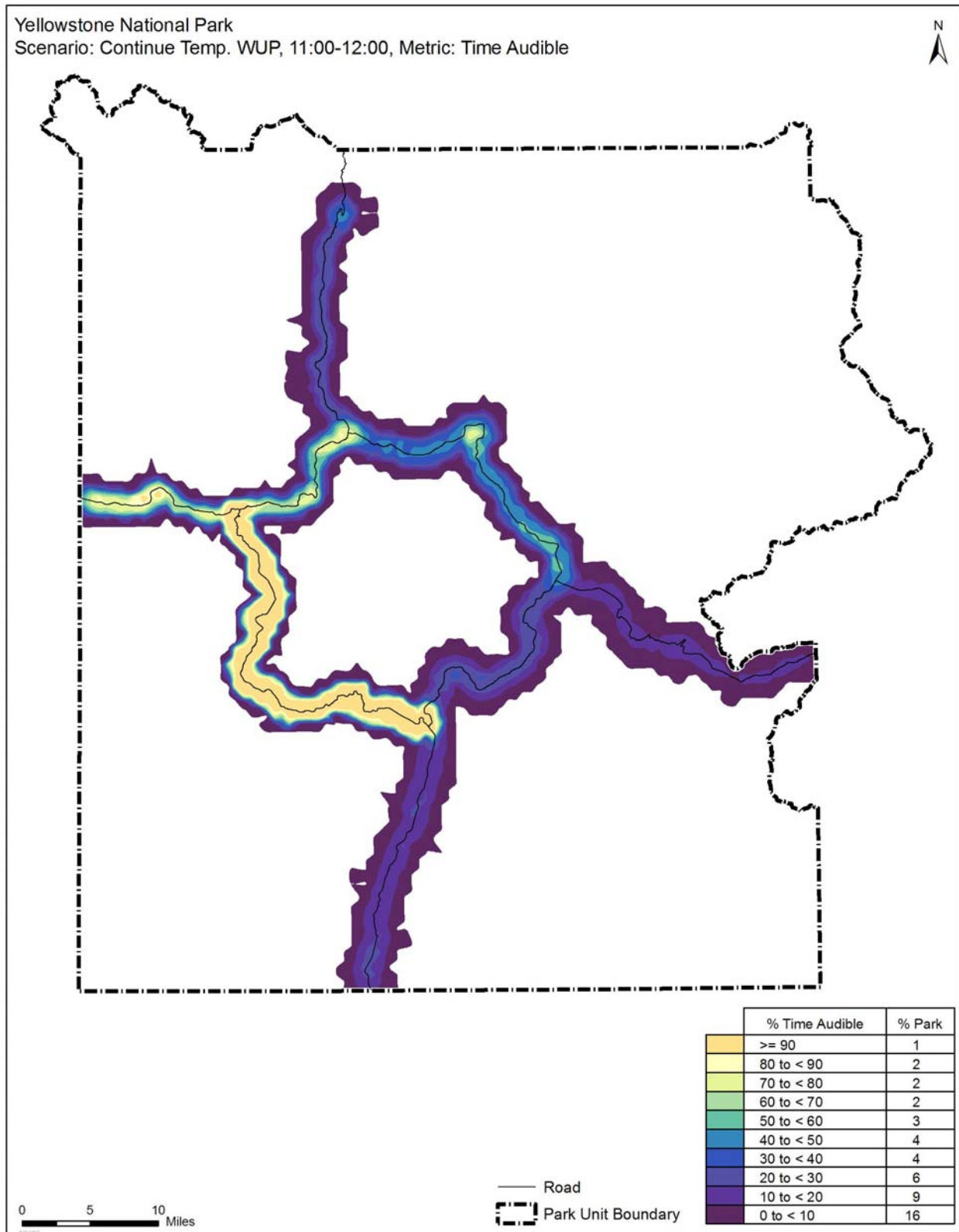


Figure 58: Yellowstone - Alternative 1A, 11:00 to 12:00, 12:00 to 13:00, and 13:00 to 14:00



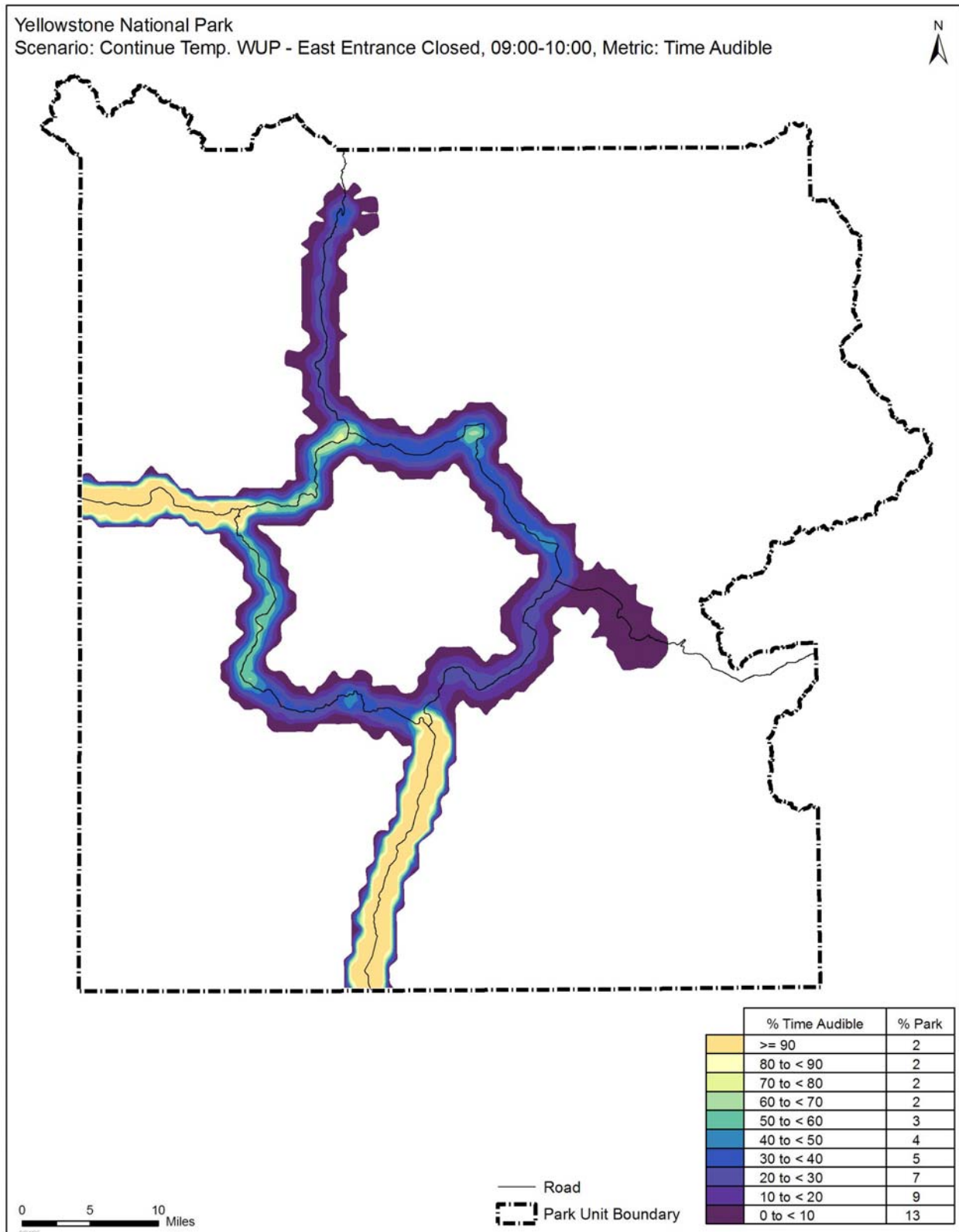


Figure 59: Yellowstone - Alternative 1B, 09:00 to 10:00 and 15:00 to 16:00

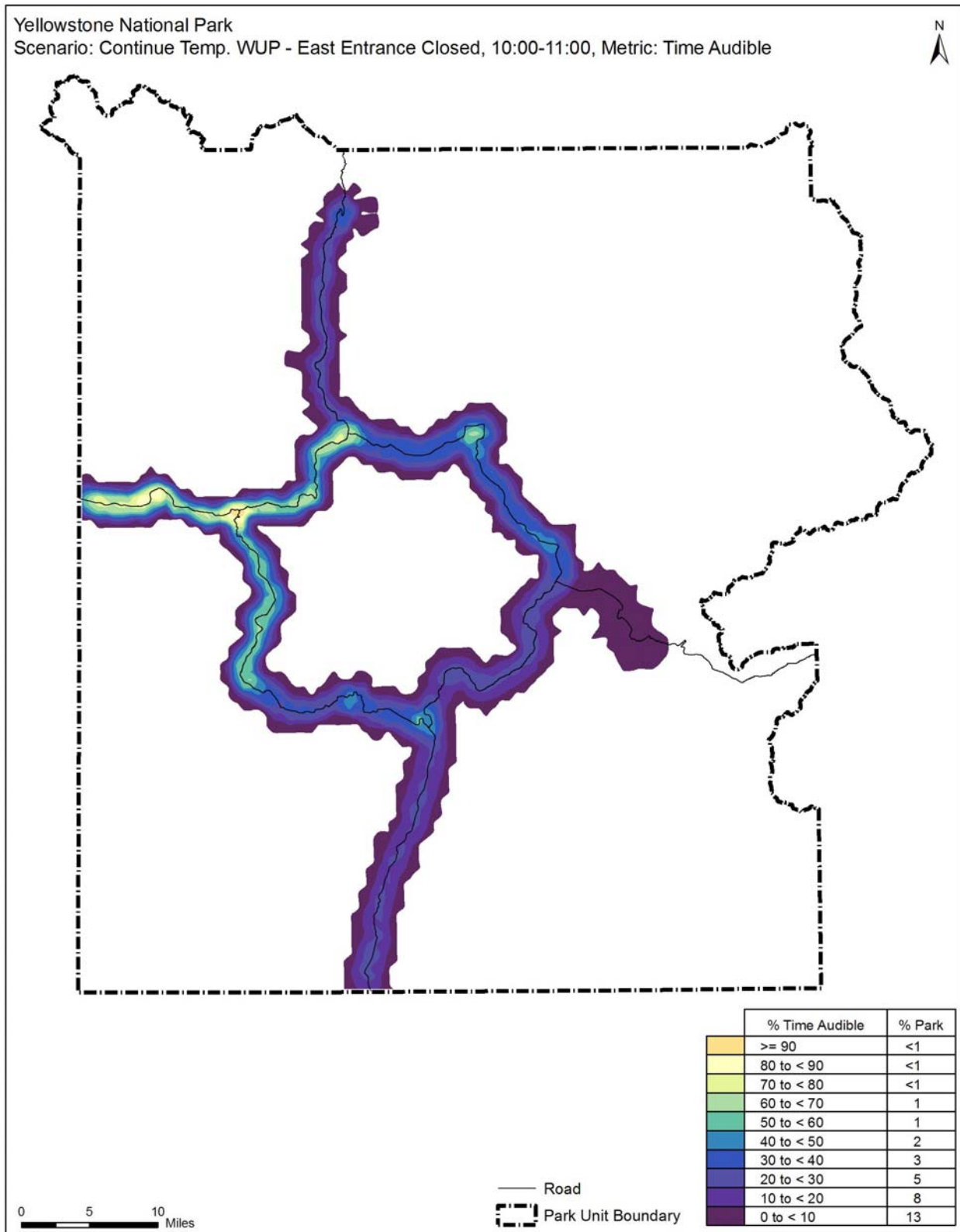


Figure 60: Yellowstone - Alternative 1B, 08:00 to 09:00, 10:00 to 11:00, and 14:00 to 15:00

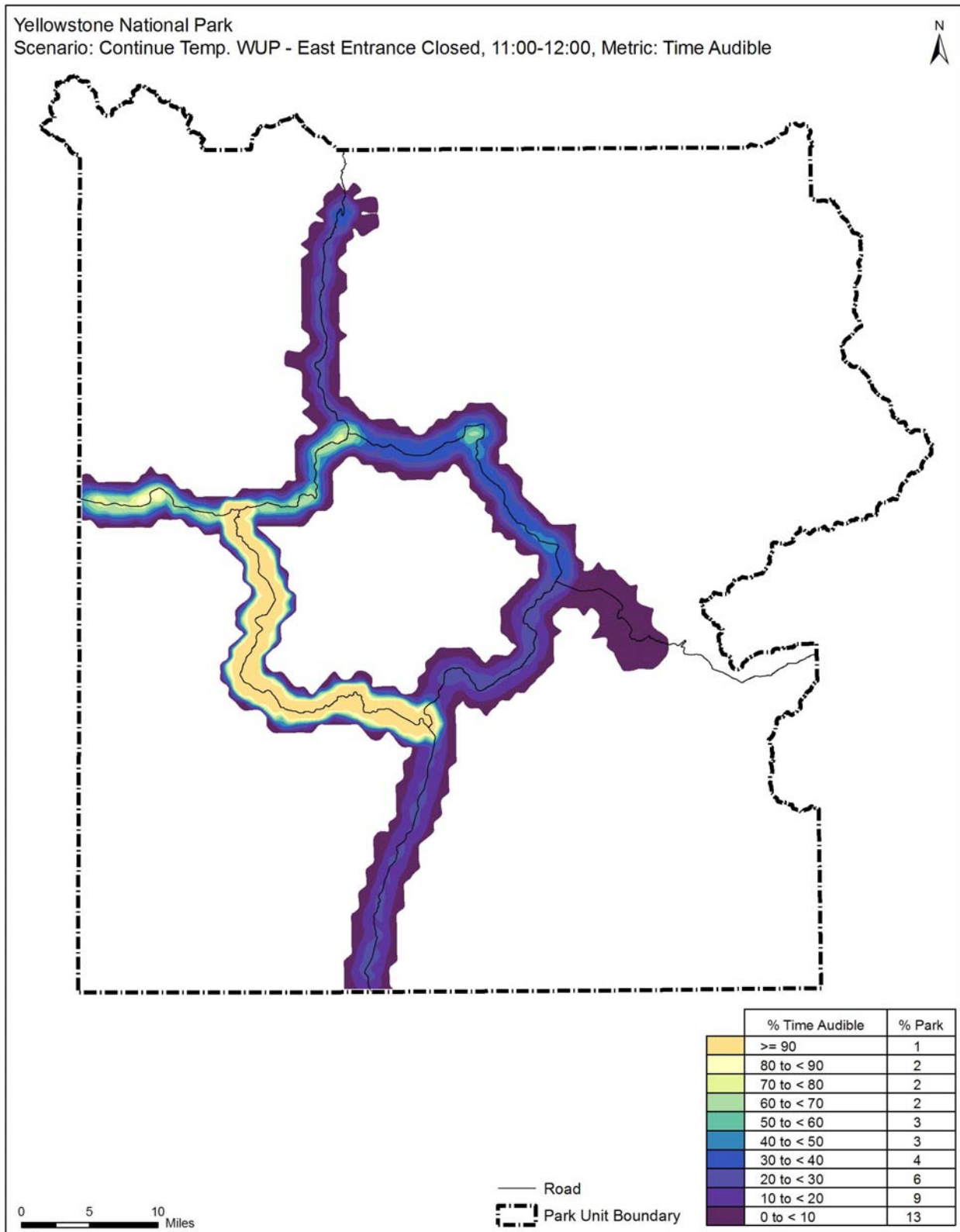


Figure 61: Yellowstone - Alternative 1B, 11:00 to 12:00, 12:00 to 13:00, and 13:00 to 14:00

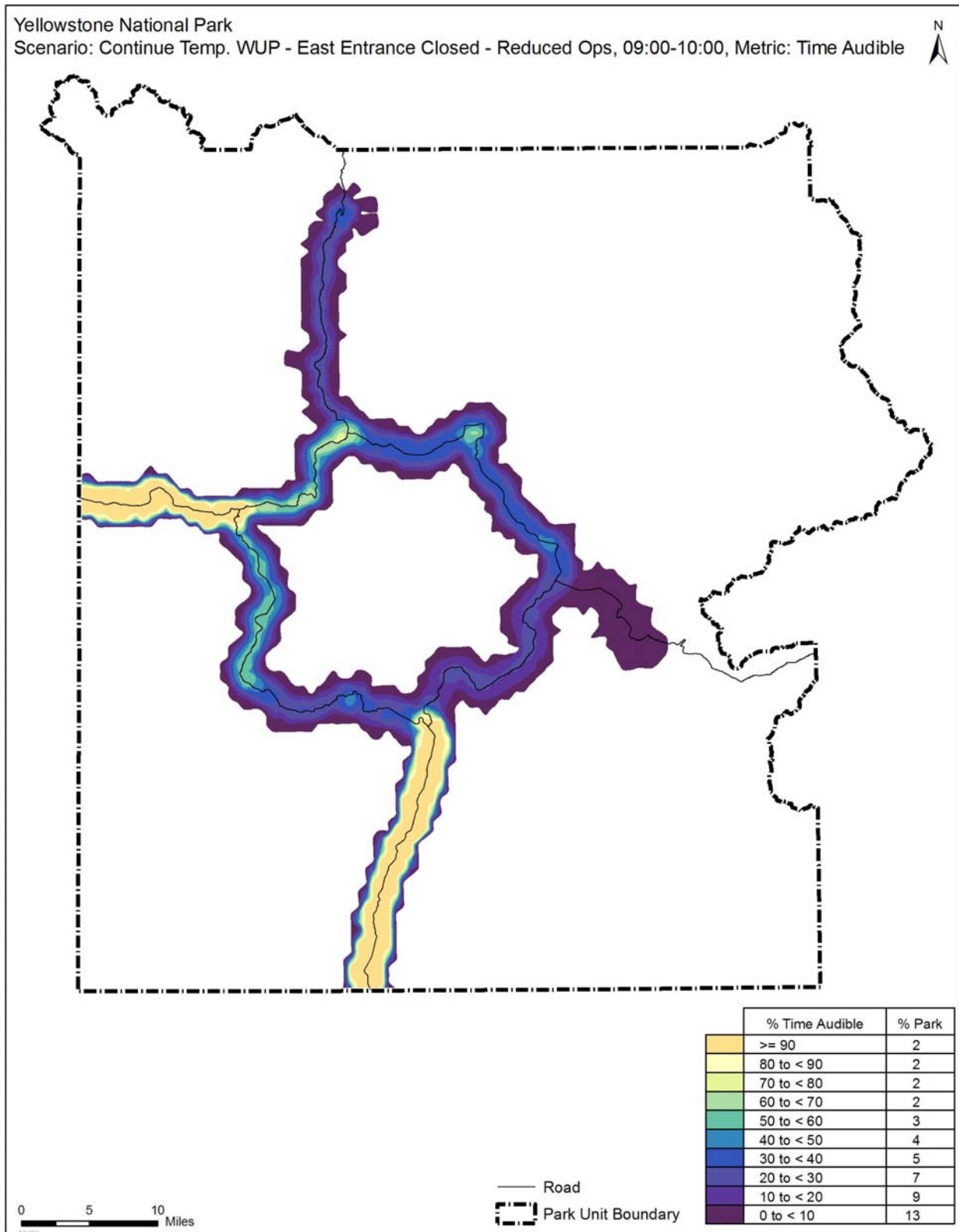


Figure 62: Yellowstone - Alternative 1D, 09:00 to 10:00 and 15:00 to 16:00

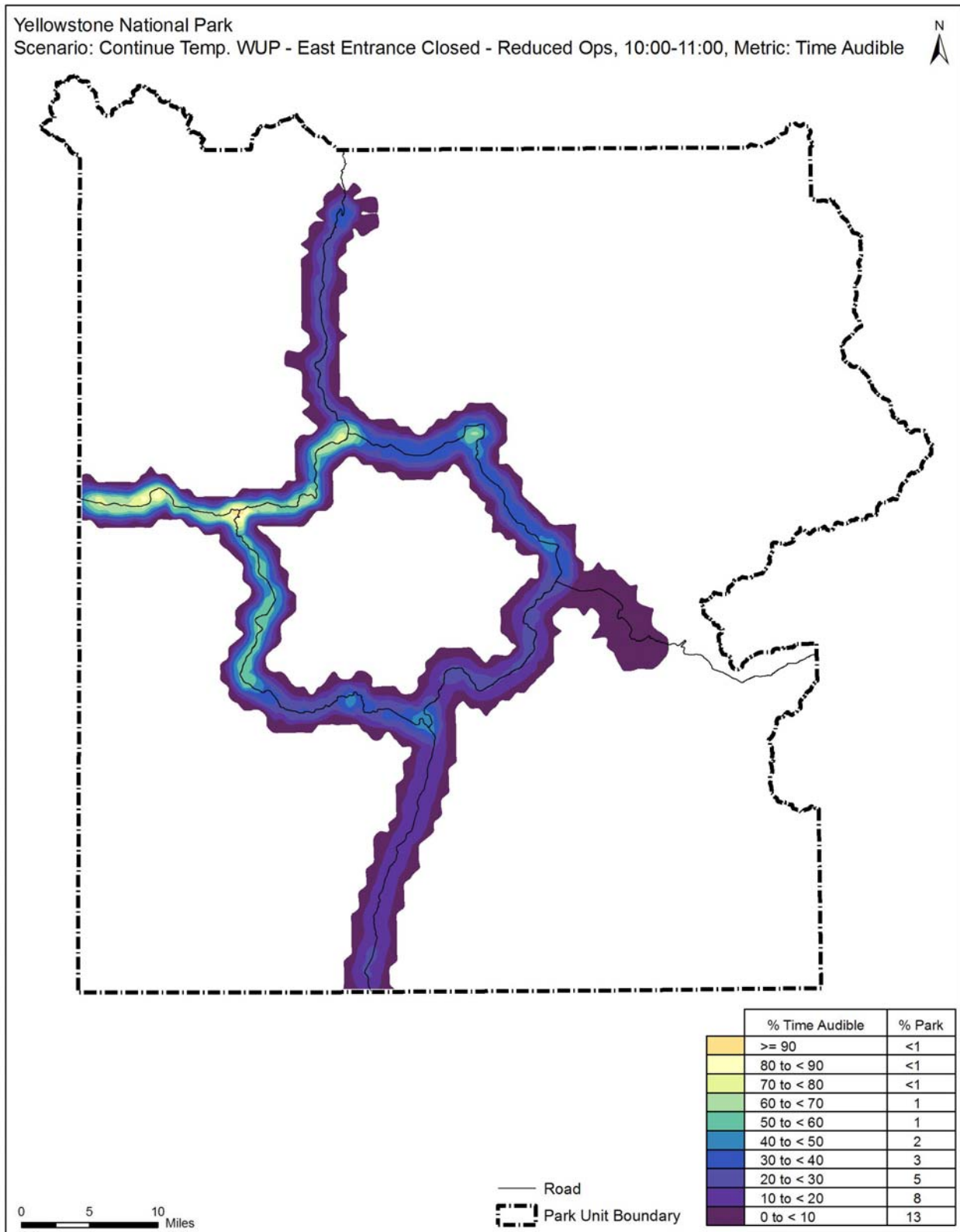


Figure 63: Yellowstone - Alternative 1D, 08:00 to 09:00, 10:00 to 11:00, and 14:00 to 15:00



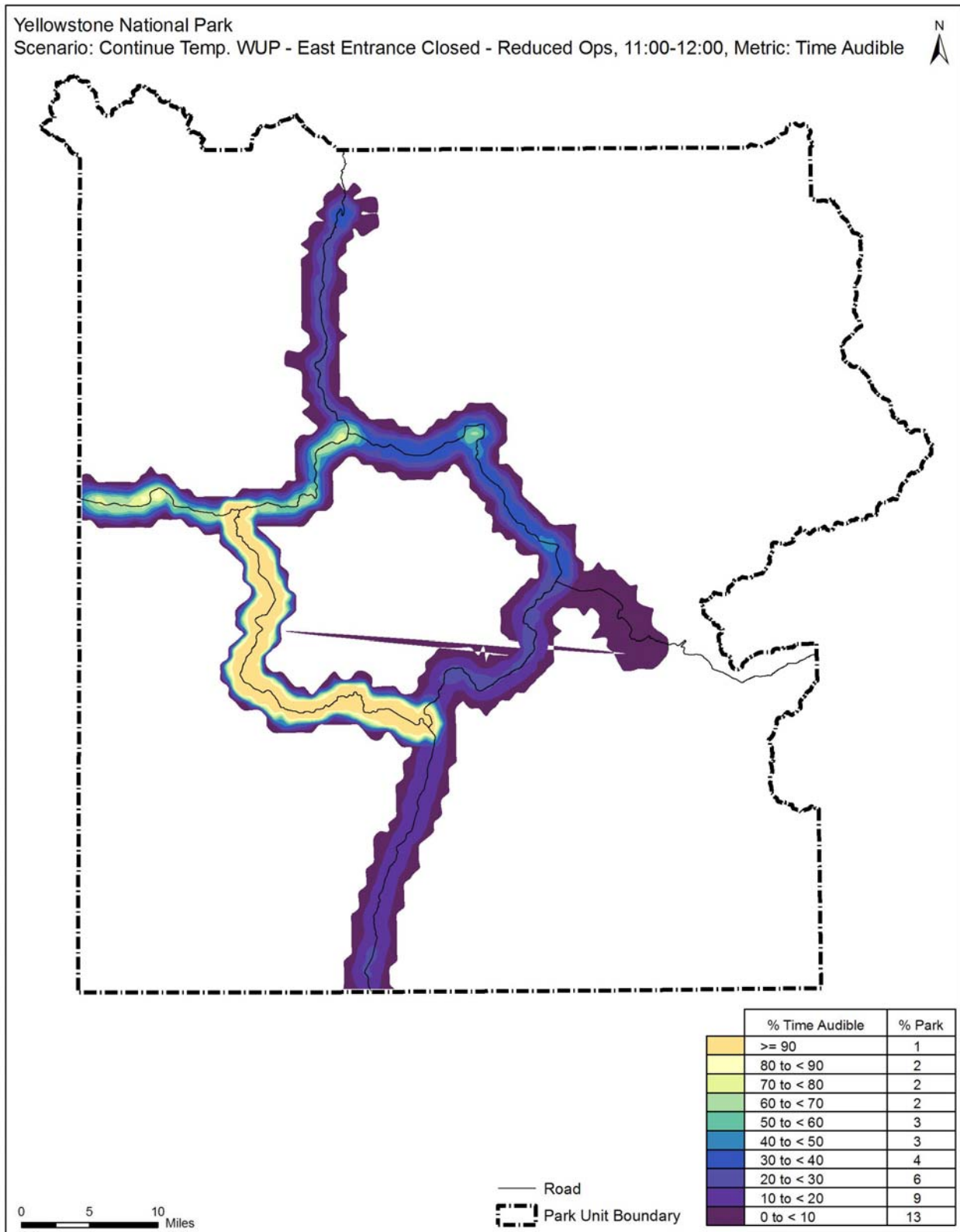


Figure 64: Yellowstone - Alternative 1D, 11:00 to 12:00, 12:00 to 13:00, and 13:00 to 14:00

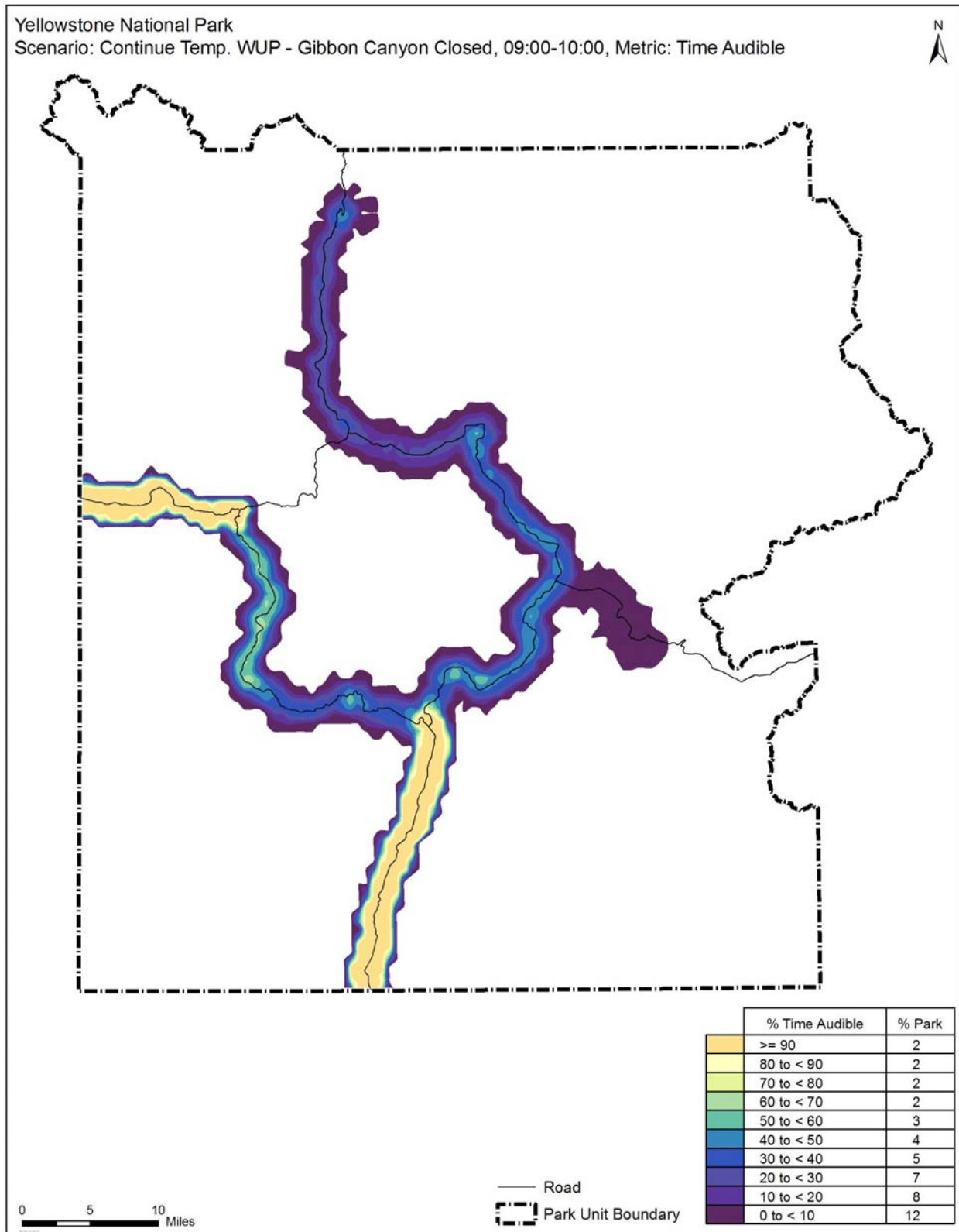


Figure 65: Yellowstone - Alternative 1E, 09:00 to 10:00 and 15:00 to 16:00

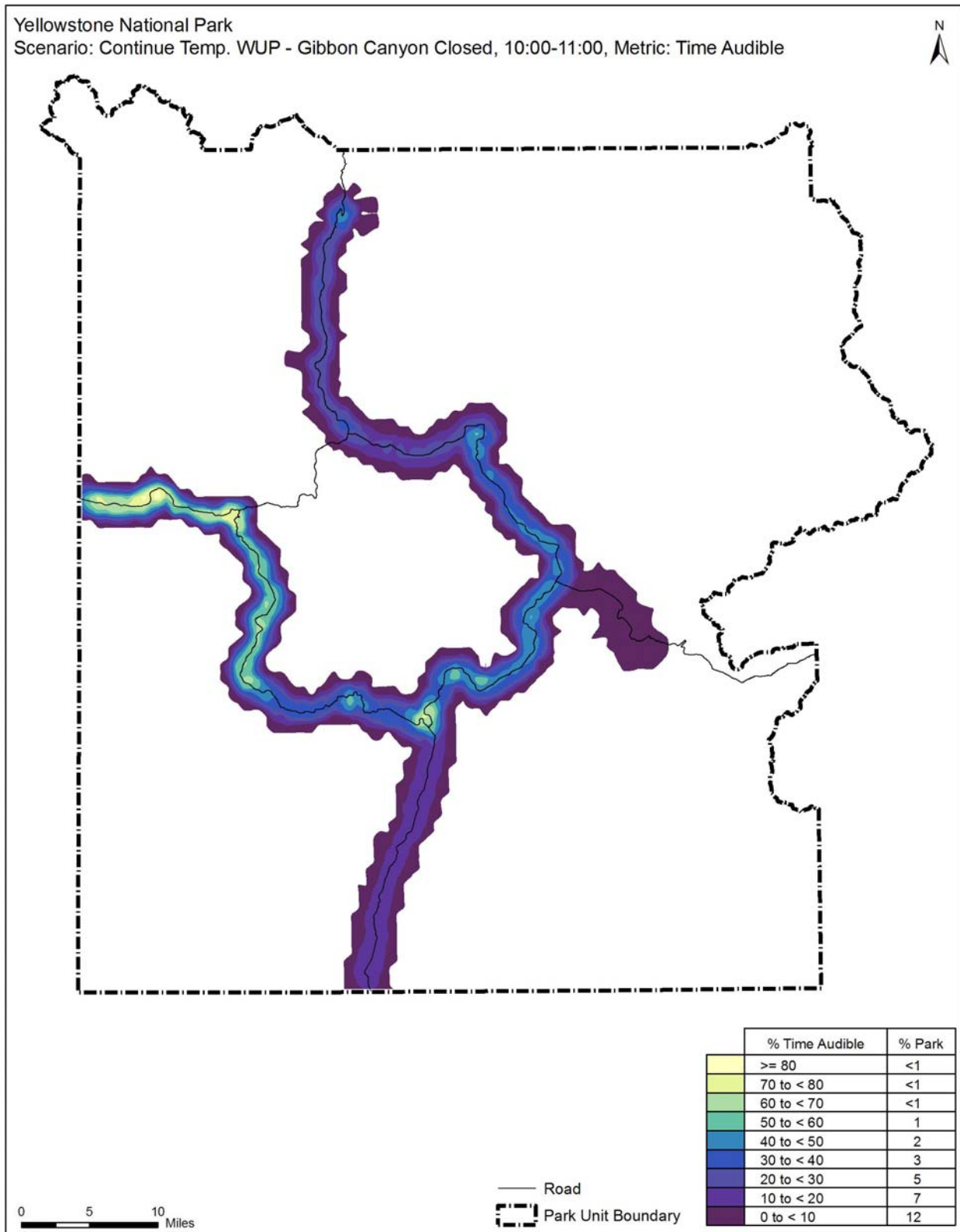


Figure 66: Yellowstone - Alternative 1E, 08:00 to 09:00, 10:00 to 11:00, and 14:00 to 15:00



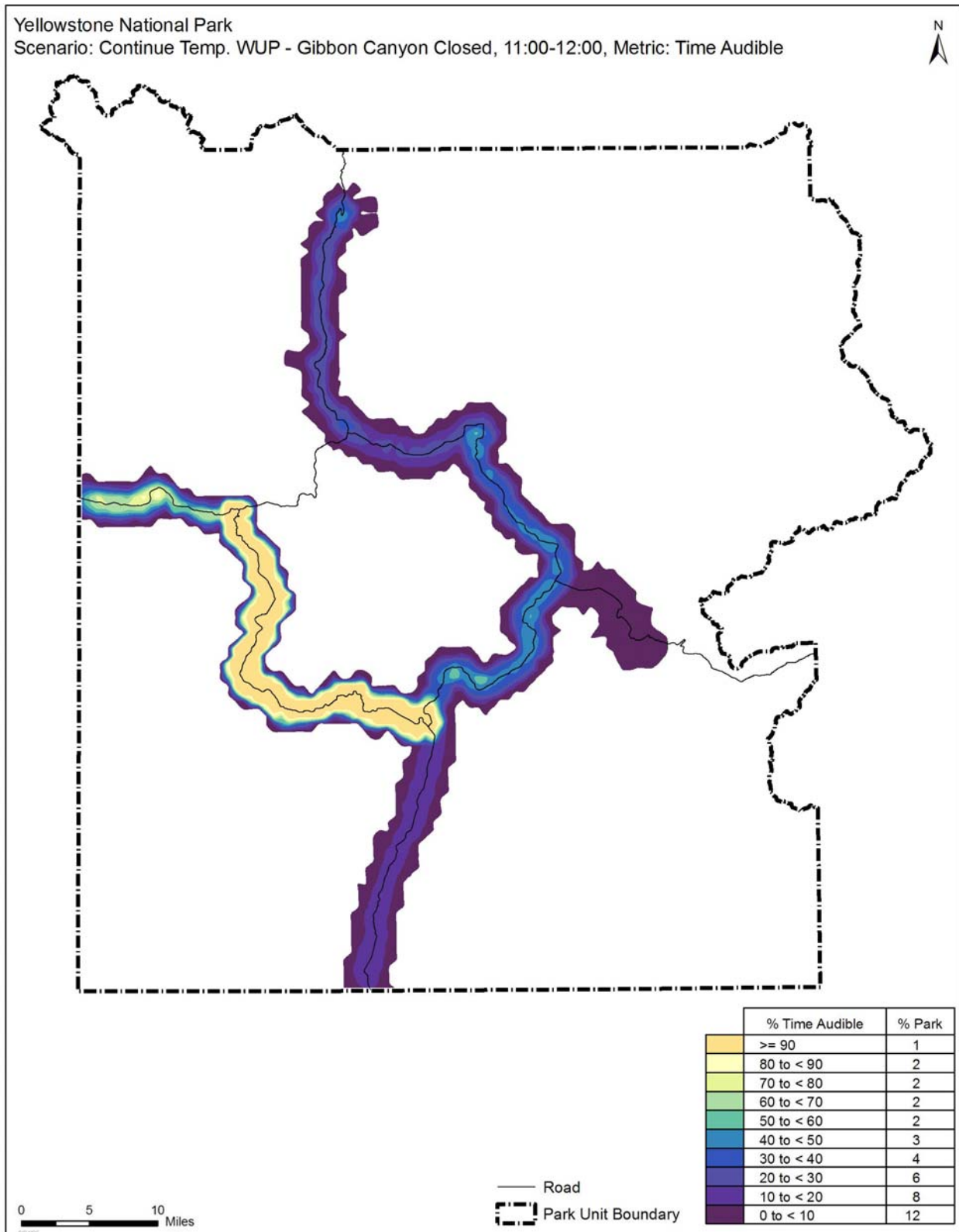


Figure 67: Yellowstone - Alternative 1E, 11:00 to 12:00, 12:00 to 13:00, and 13:00 to 14:00

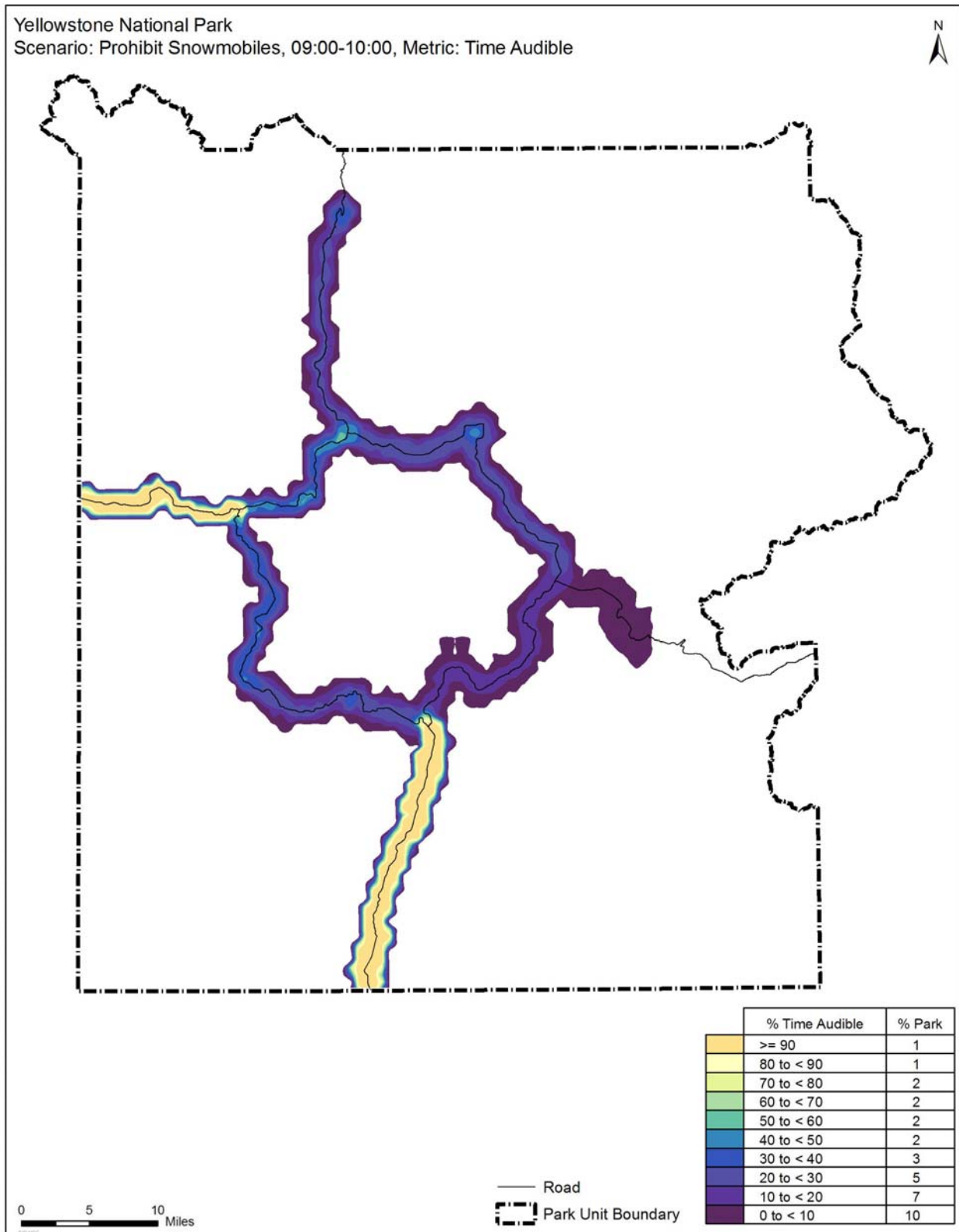


Figure 68: Yellowstone - Alternative 2, 09:00 to 10:00 and 15:00 to 16:00

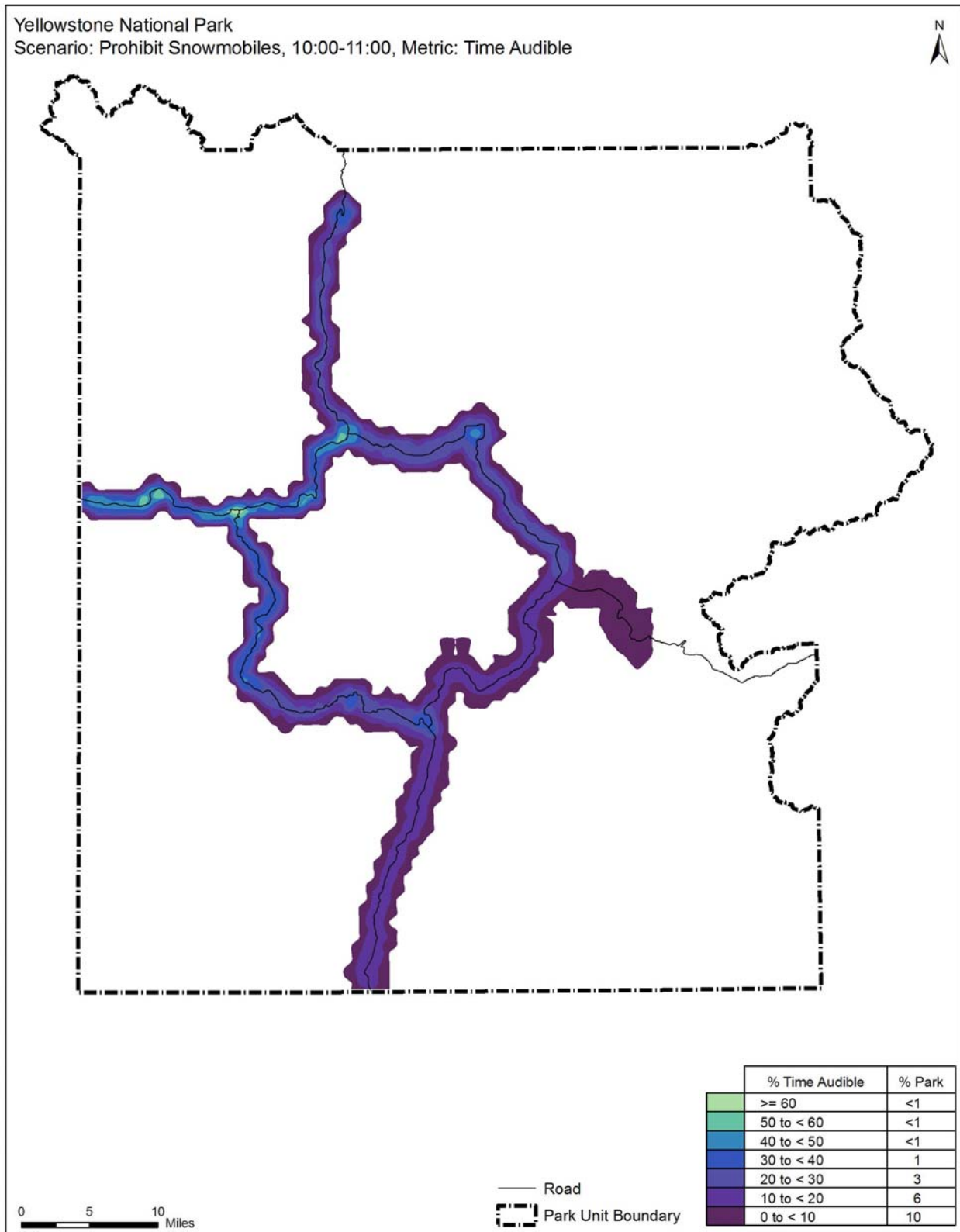


Figure 69: Yellowstone - Alternative 2, 08:00 to 09:00, 10:00 to 11:00, and 14:00 to 15:00

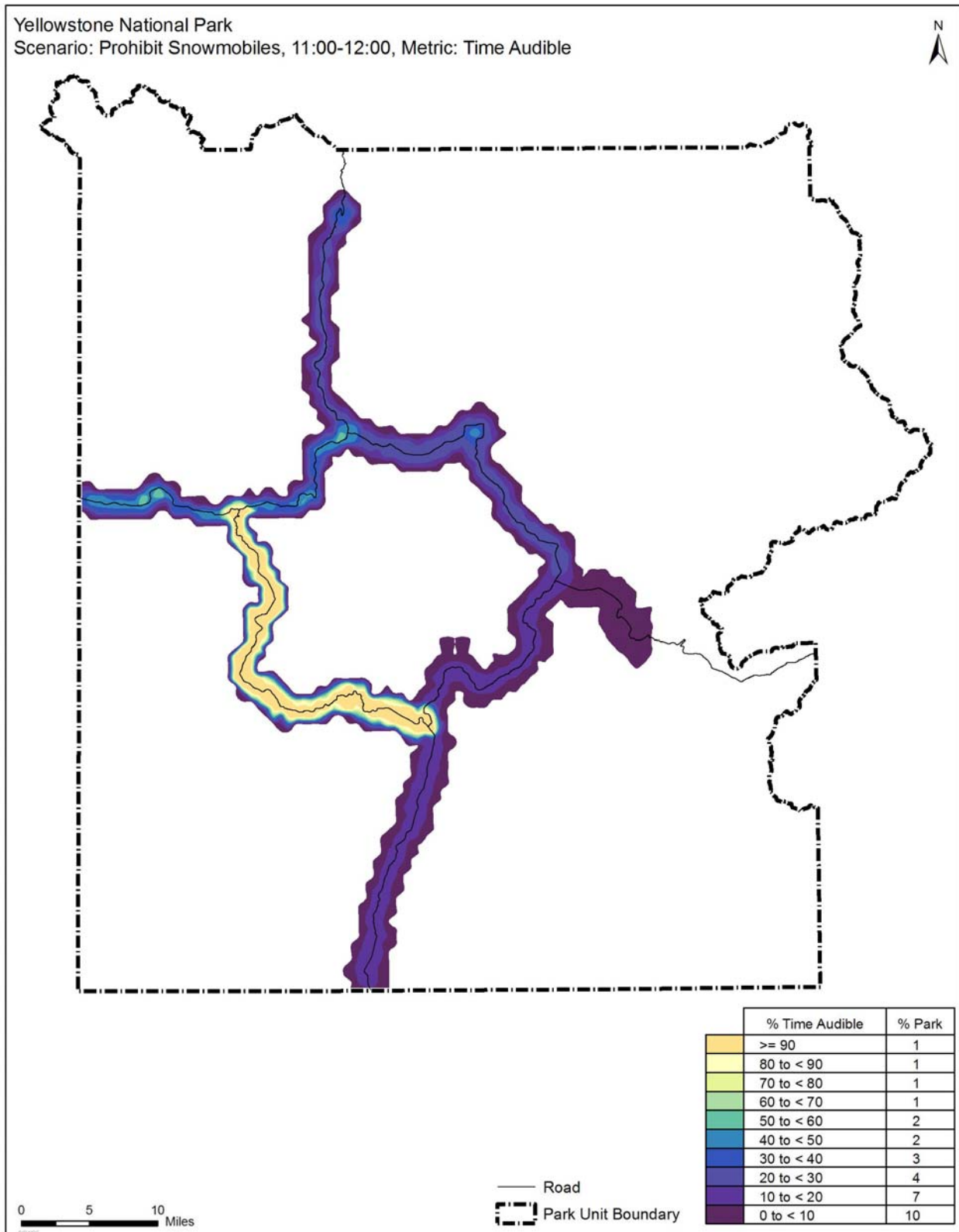


Figure 70: Yellowstone - Alternative 2, 11:00 to 12:00, 12:00 to 13:00, and 13:00 to 14:00

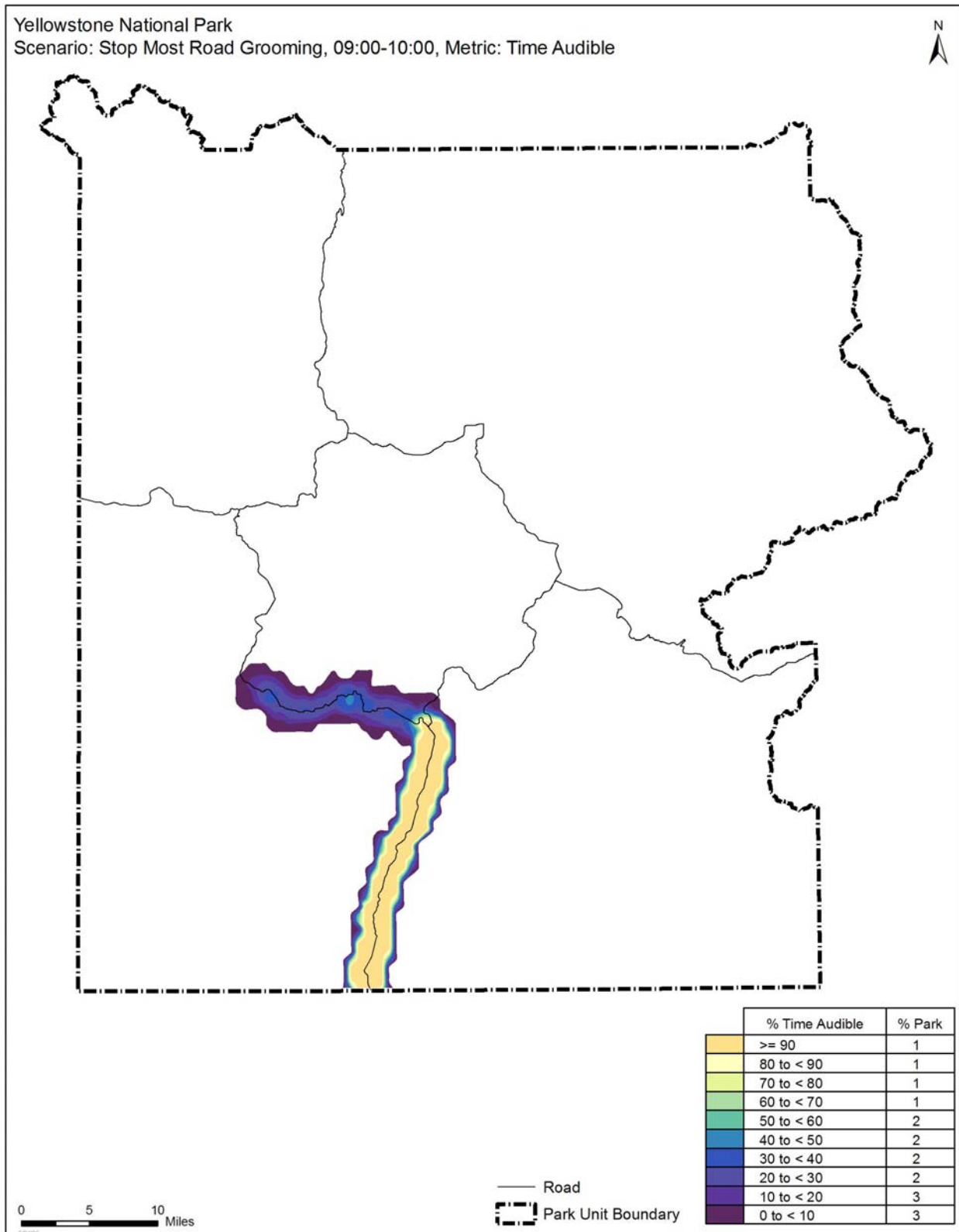


Figure 71: Yellowstone - Alternative 3, 09:00 to 10:00 and 15:00 to 16:00

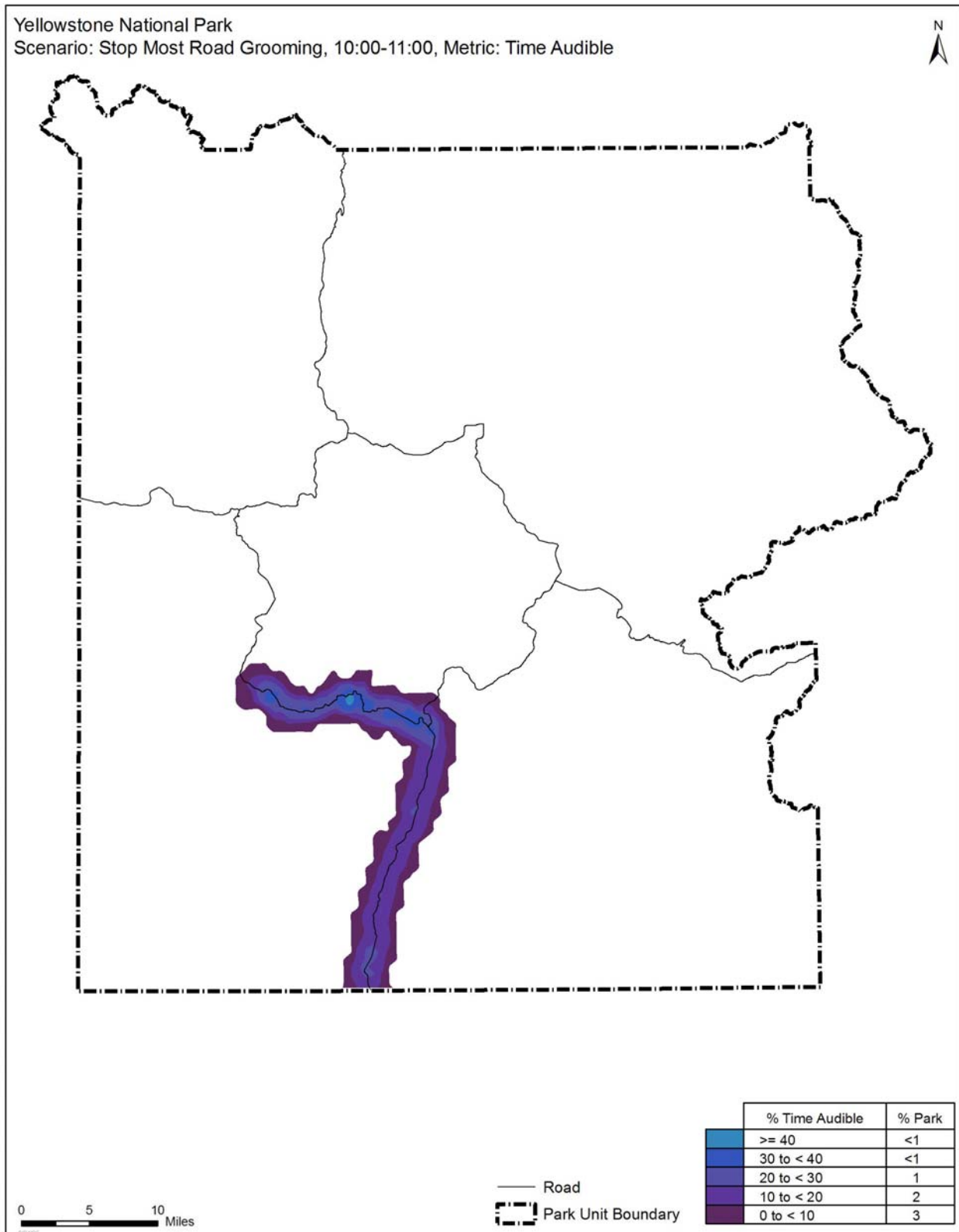


Figure 72: Yellowstone - Alternative 3, 08:00 to 09:00, 10:00 to 11:00, and 14:00 to 15:00

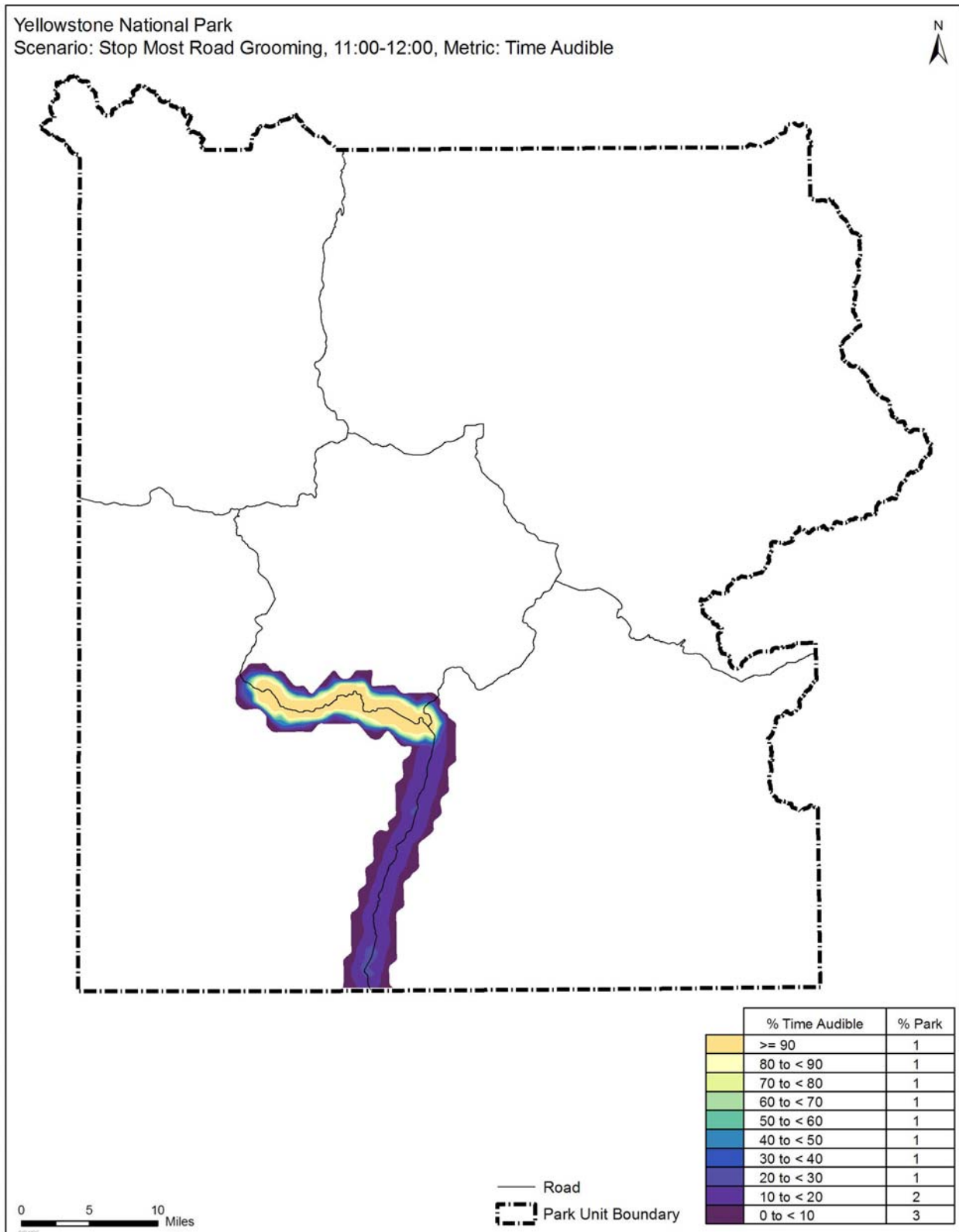


Figure 73: Yellowstone - Alternative 3, 11:00 to 12:00, 12:00 to 13:00, and 13:00 to 14:00



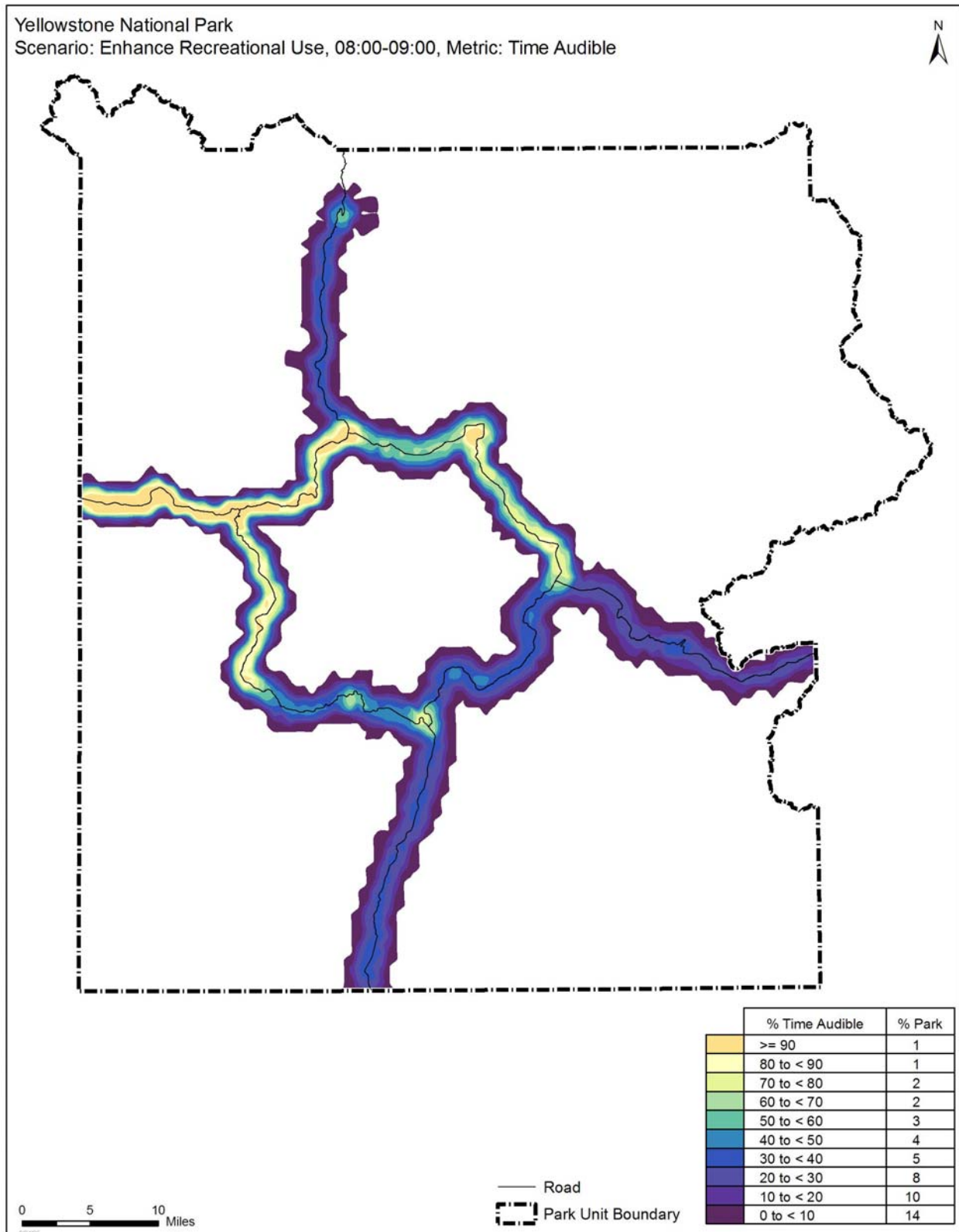


Figure 74: Yellowstone - Alternative 4, 08:00 to 09:00



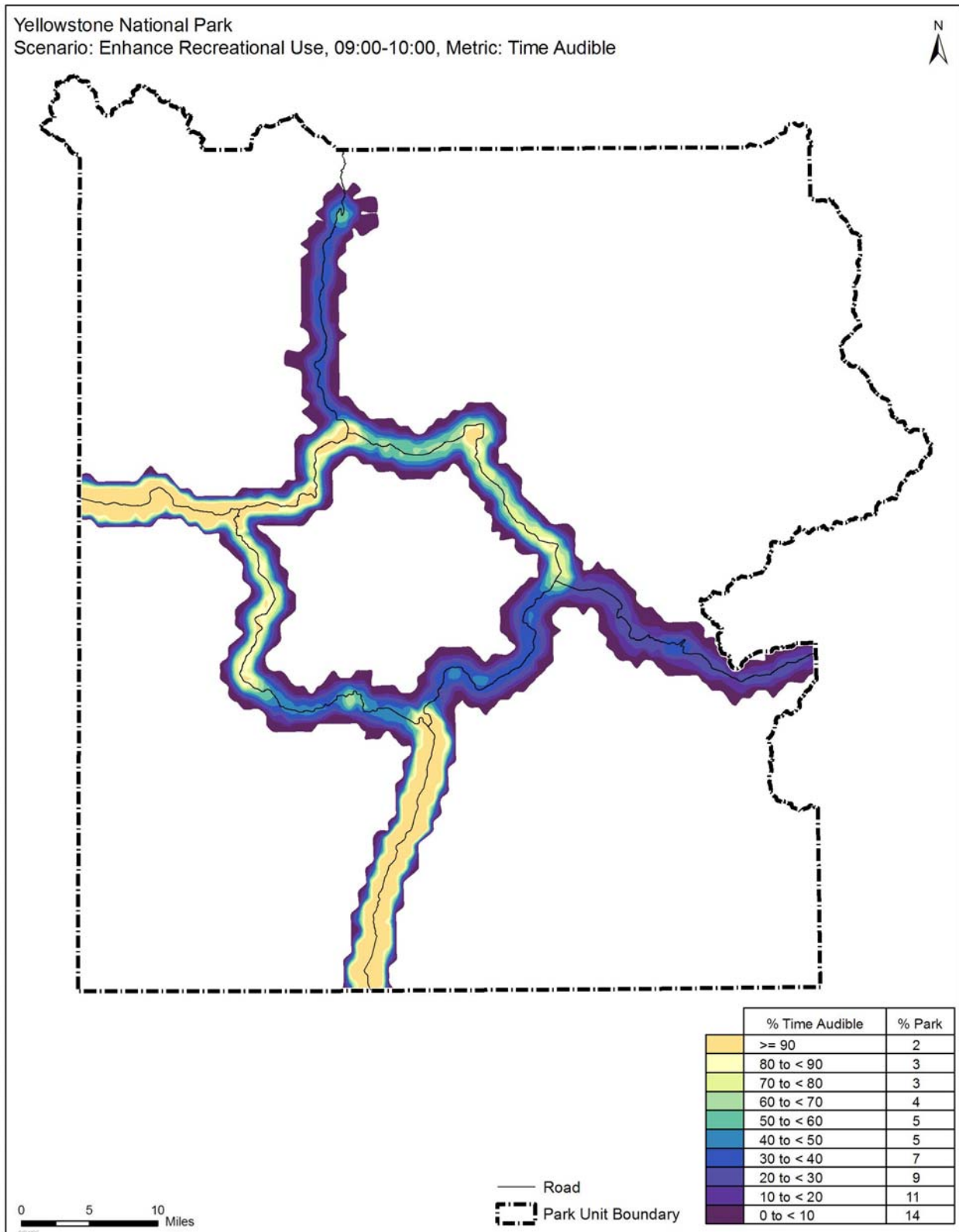


Figure 75: Yellowstone - Alternative 4, 09:00 to 10:00

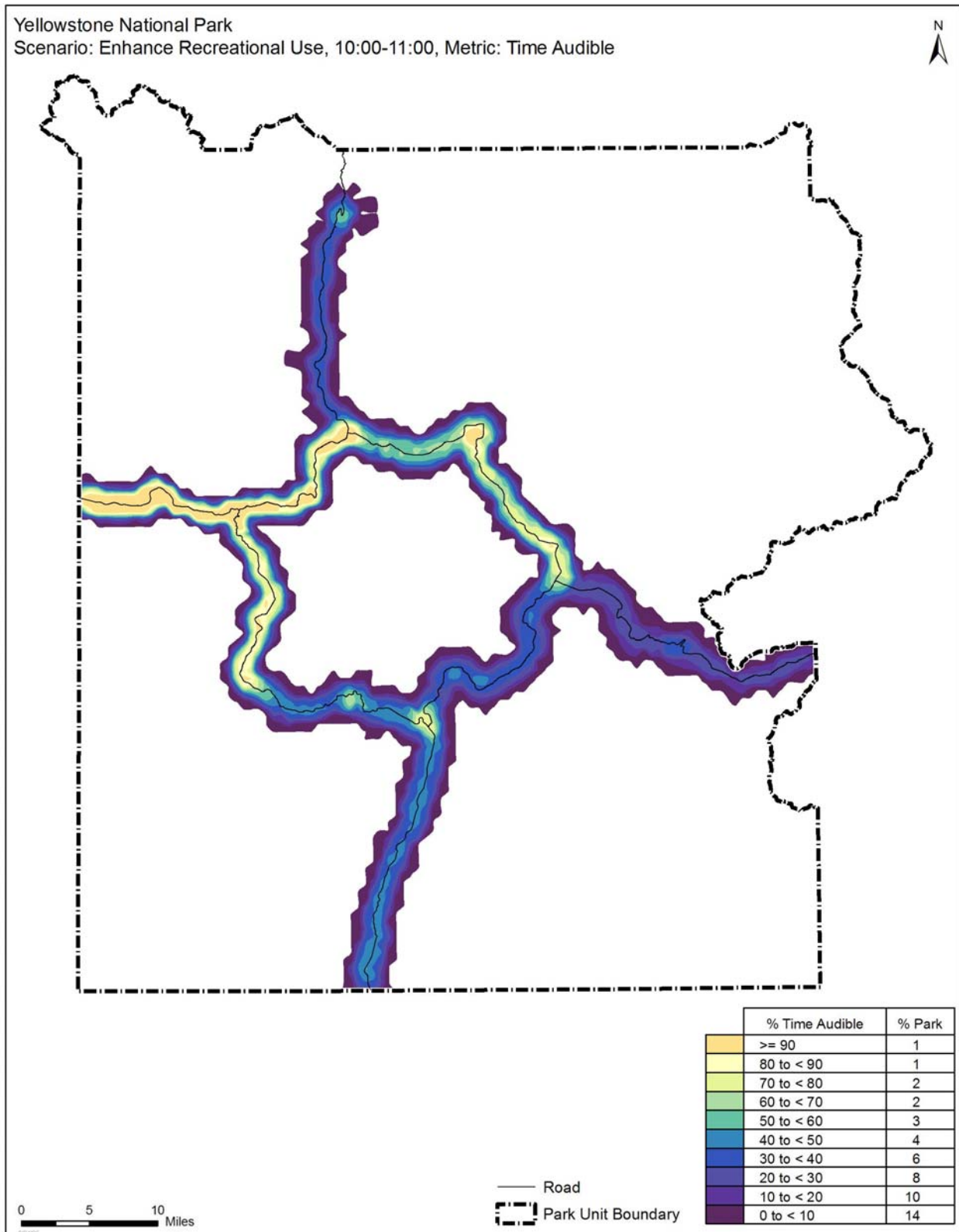


Figure 76: Yellowstone - Alternative 4, 10:00 to 11:00

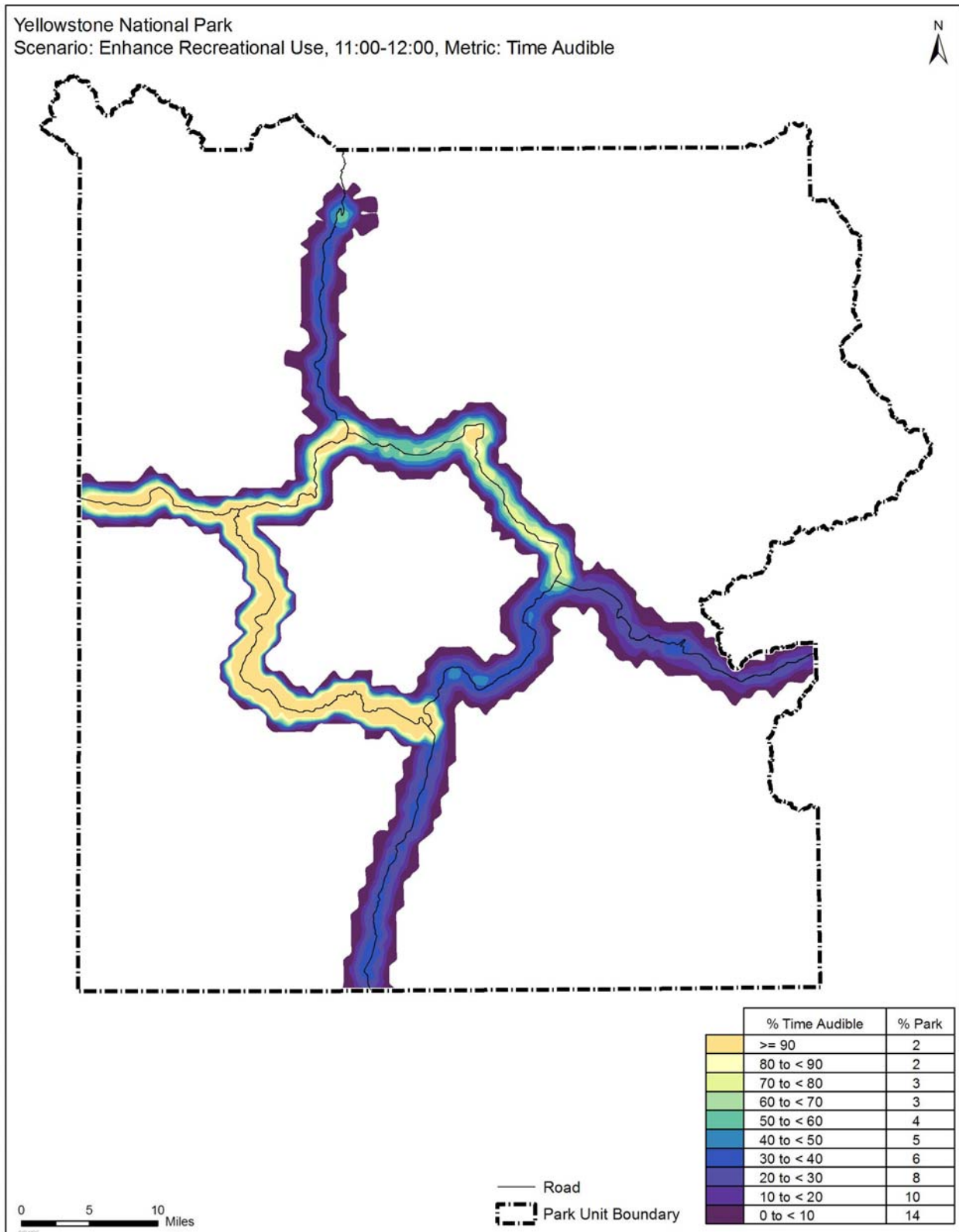


Figure 77: Yellowstone - Alternative 4, 11:00 to 12:00, 12:00 to 13:00, and 13:00 to 14:00

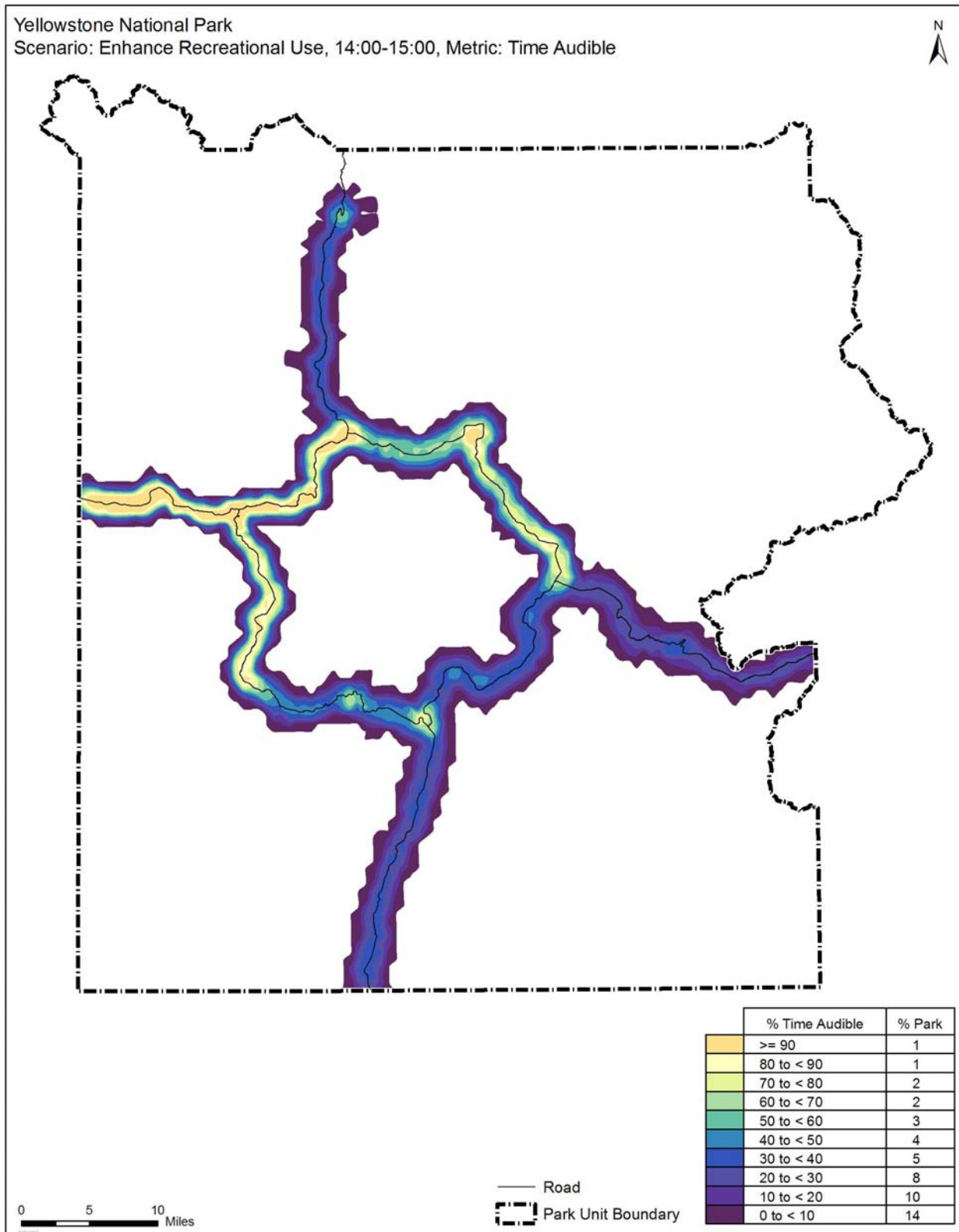


Figure 78: Yellowstone - Alternative 4, 14:00 to 15:00

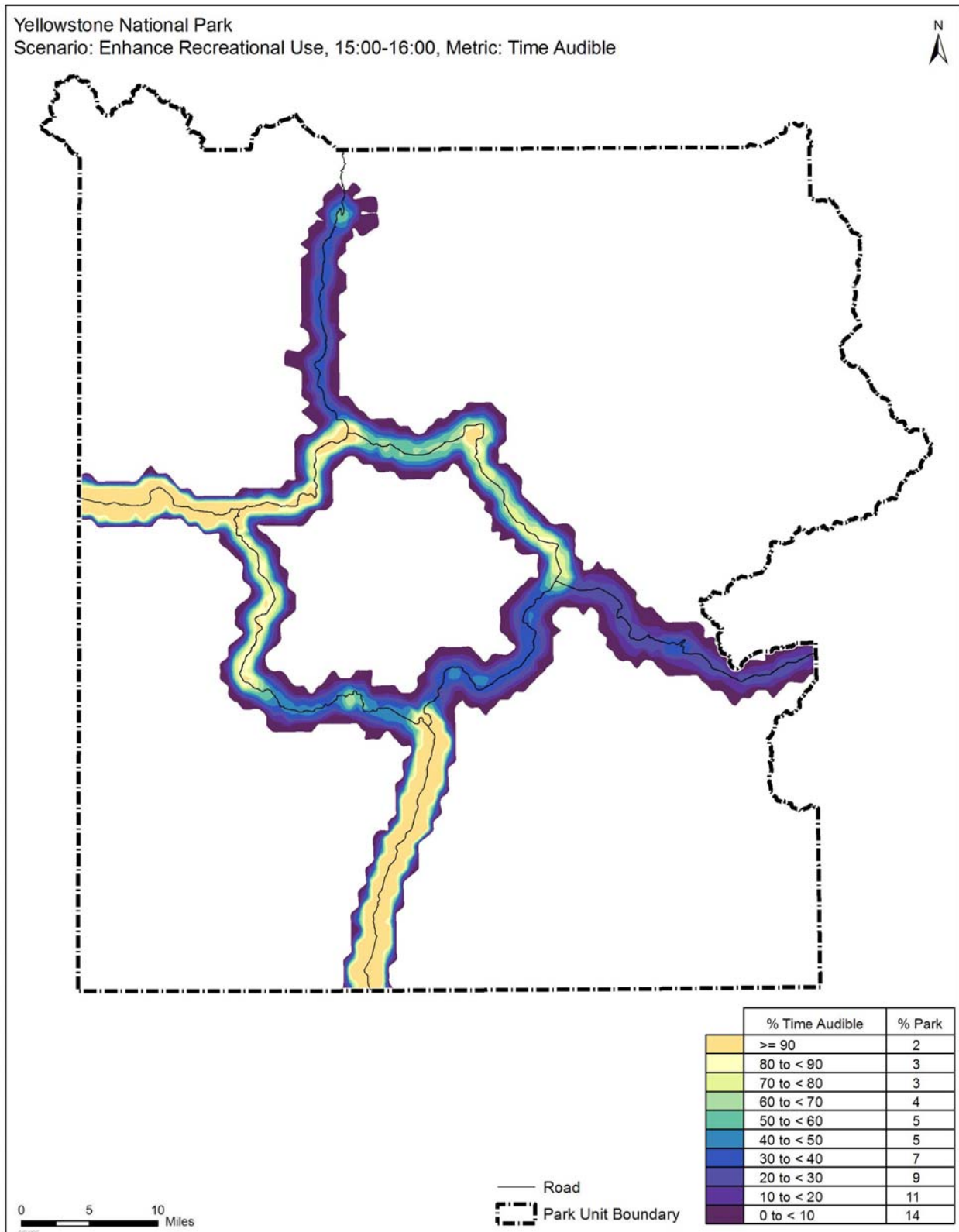


Figure 79: Yellowstone - Alternative 4, 15:00 to 16:00



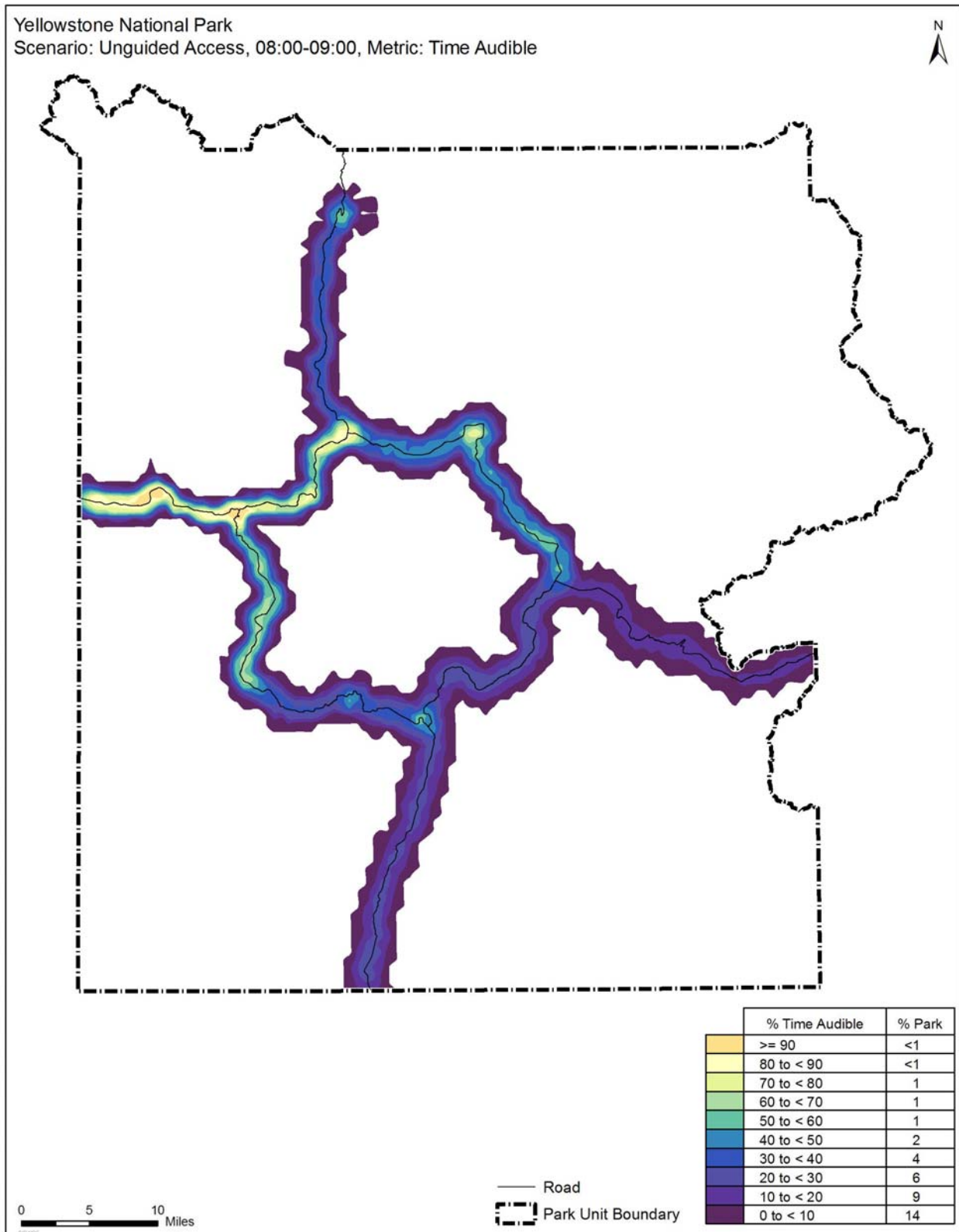


Figure 80: Yellowstone - Alternative 5, 08:00 to 09:00