

## Appendix 2

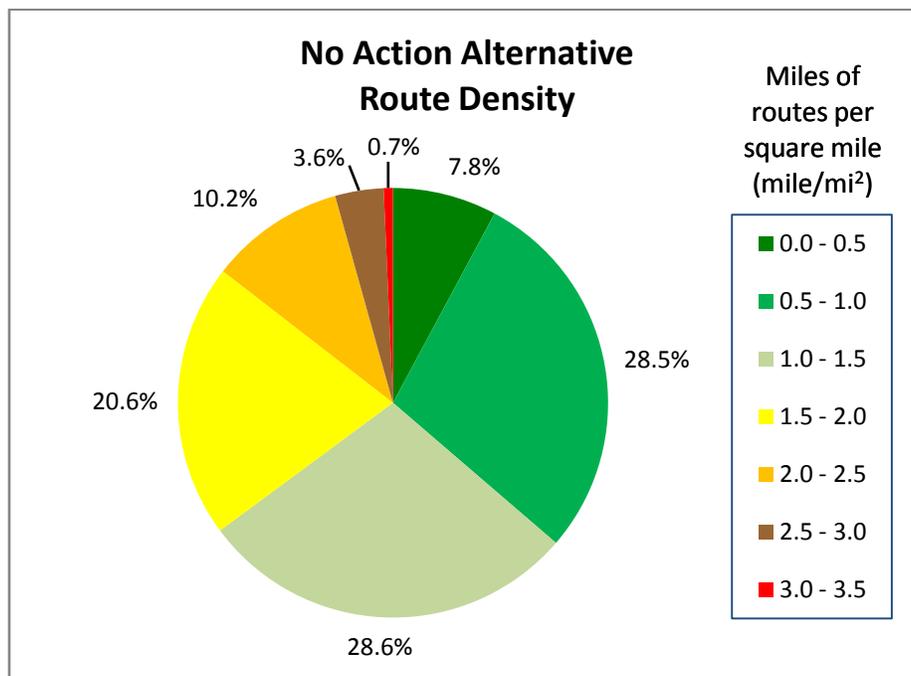
Route Density Analysis 09/24/2009

Output resolution for all route density analysis is  $\frac{1}{4}$  mi square

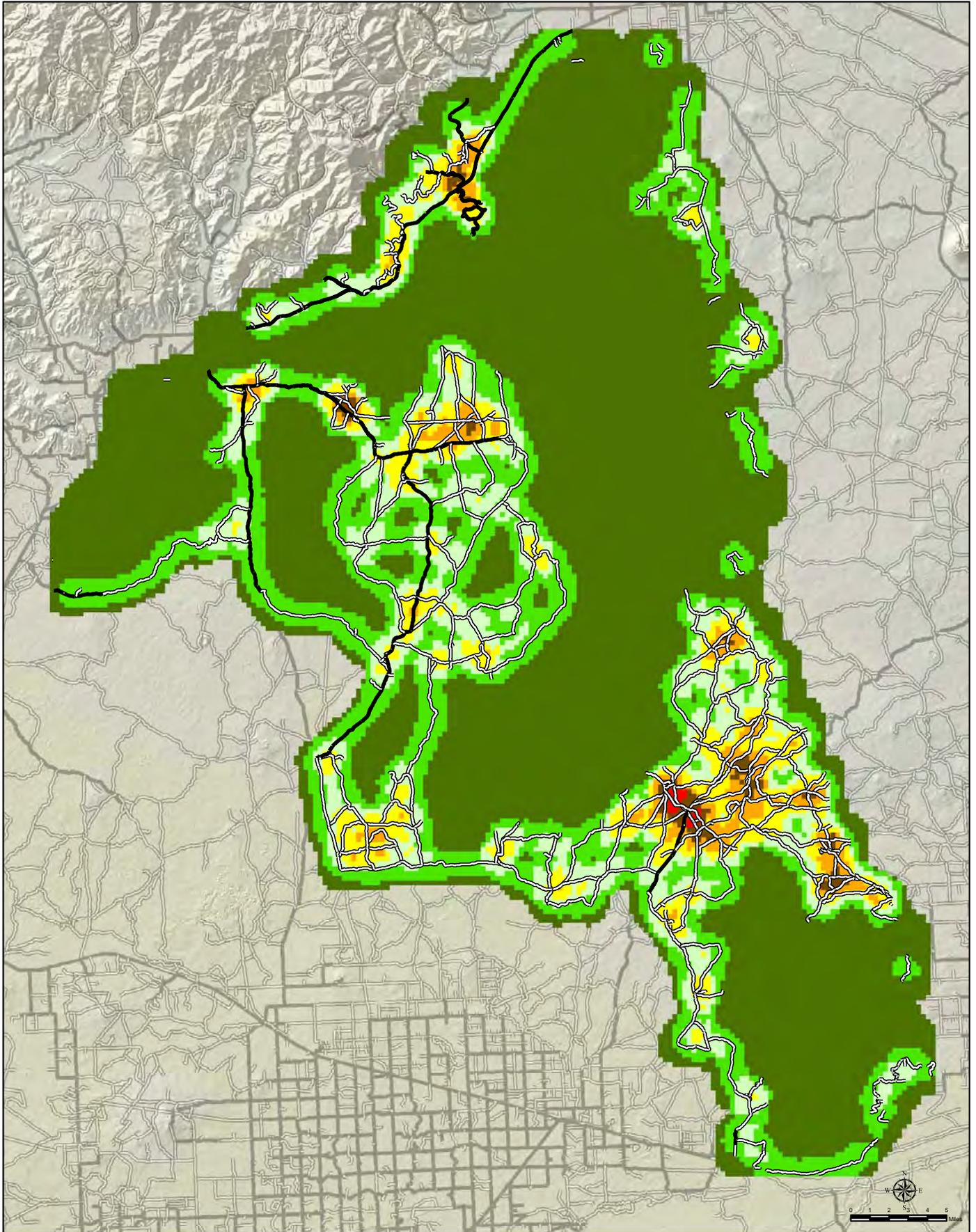
Sum of acres of lava removed for 'Exposed lava area excluded' density analyses was 258,586 acres

The route density analysis breaks up the entire Monument into quarter mile squares and assigns density values to each based on the number of miles of routes within the surrounding square mile area. The output values for six density analyses are as follows;

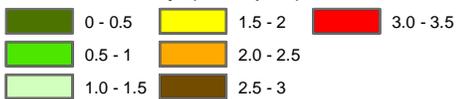
- No Action (Exposed lava area included)
  - Input 714 miles of routes, including all within and immediately adjacent to the Monument where they define the boundary. Trails and routes within the Pristine Zone that have already been closed in the MMP were removed from consideration as they will not receive any traffic.
  - Average Route Density = .5 miles / square mile



# NO ACTION ROUTE DENSITY



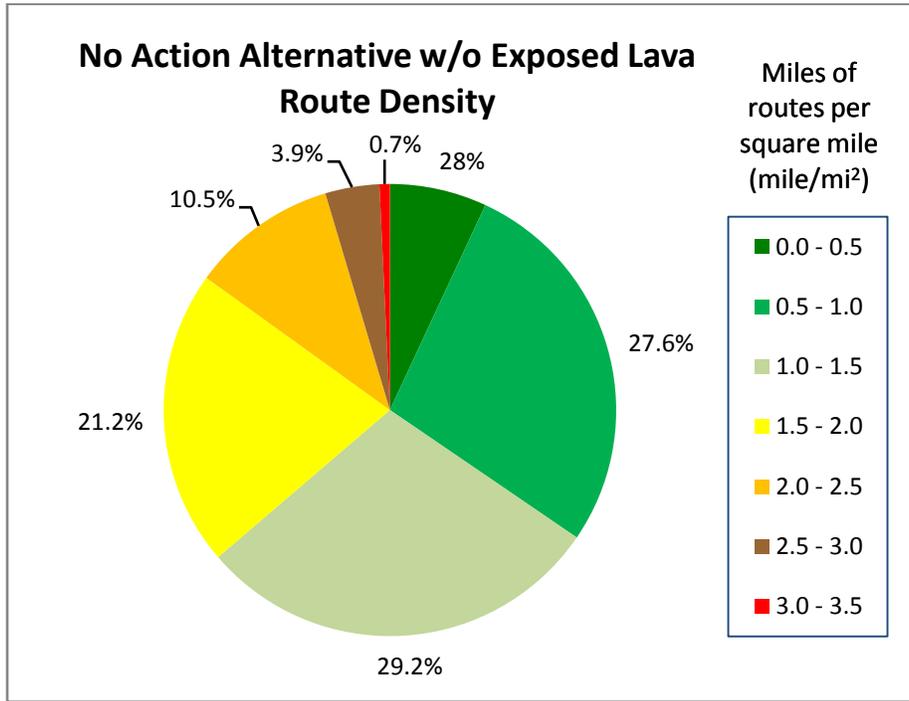
Route Density (mi/sq mi)



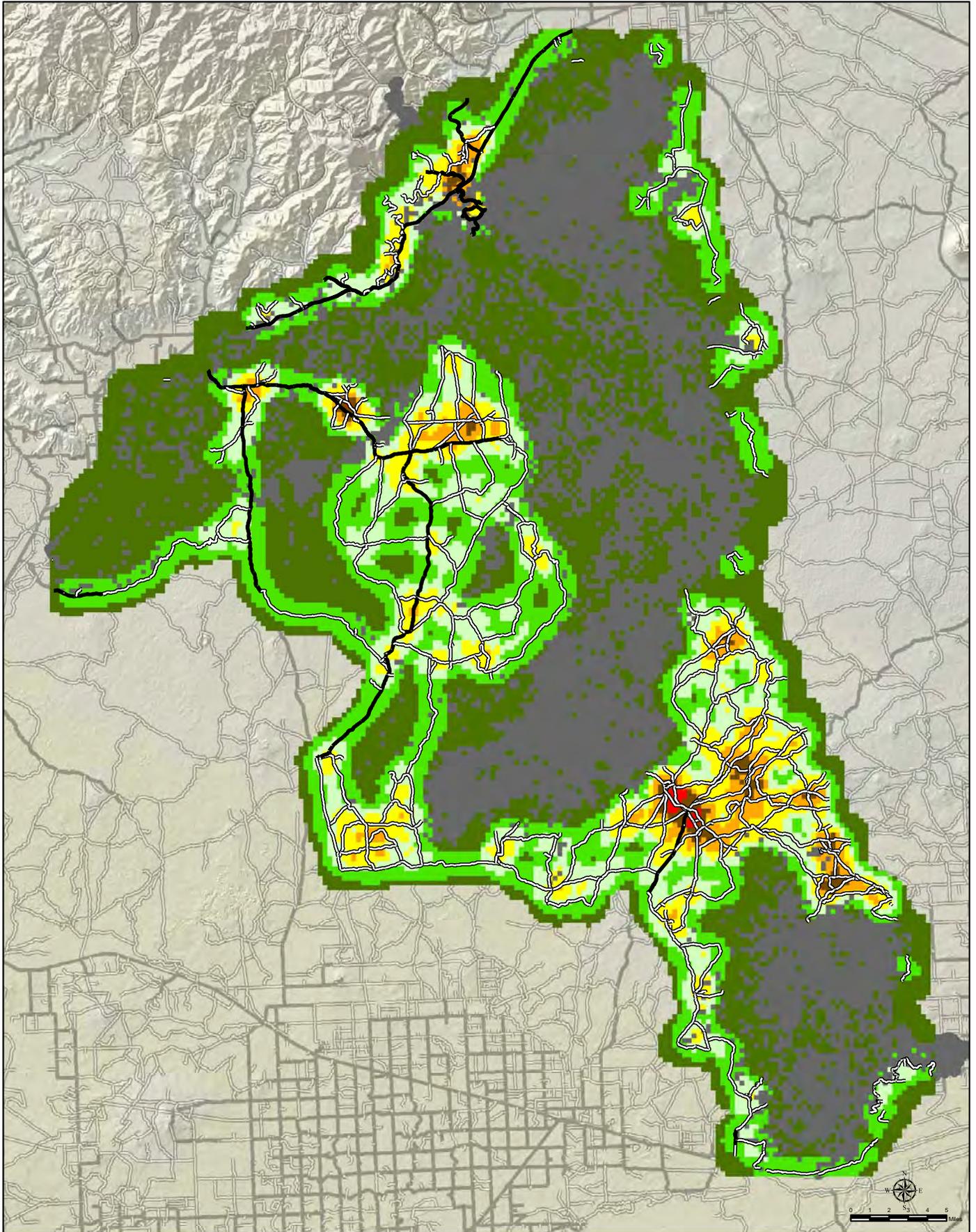
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- No Action (Exposed lava area excluded)
  - Average Route Density = .68 miles / square mile



# NO ACTION (NO LAVA) ROUTE DENSITY



Route Density (mi/sq mi)

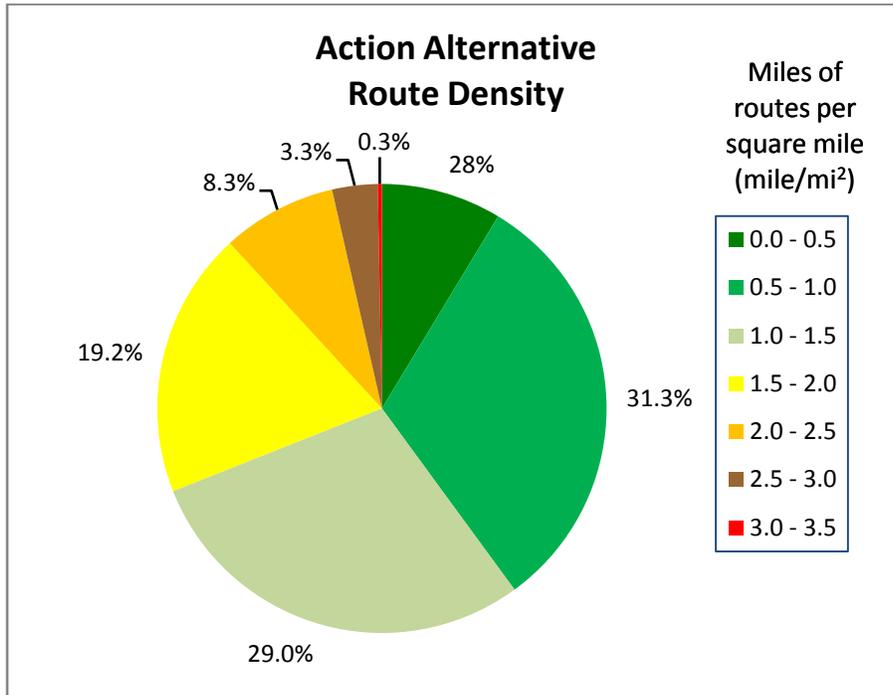


INTERNAL USE ONLY

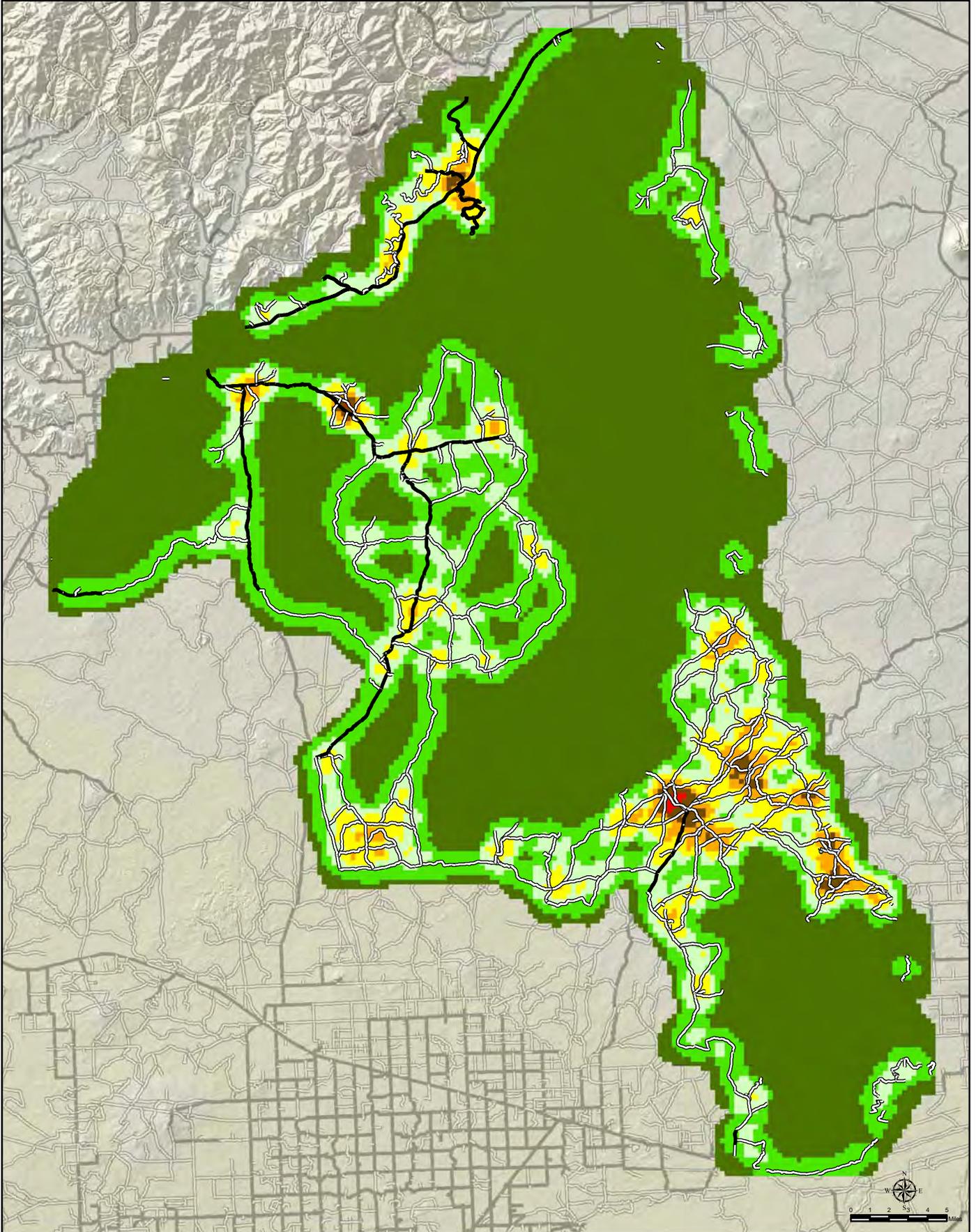
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- Proposed Action (Exposed lava area included)
  - Input 669 miles of routes, including all within and immediately adjacent to the Monument where they define the boundary. Trails and closed routes were removed from consideration as they will not receive any traffic.
  - Average Route Density = .48 miles / square mile



PROPOSED ACTION ROUTE DENSITY



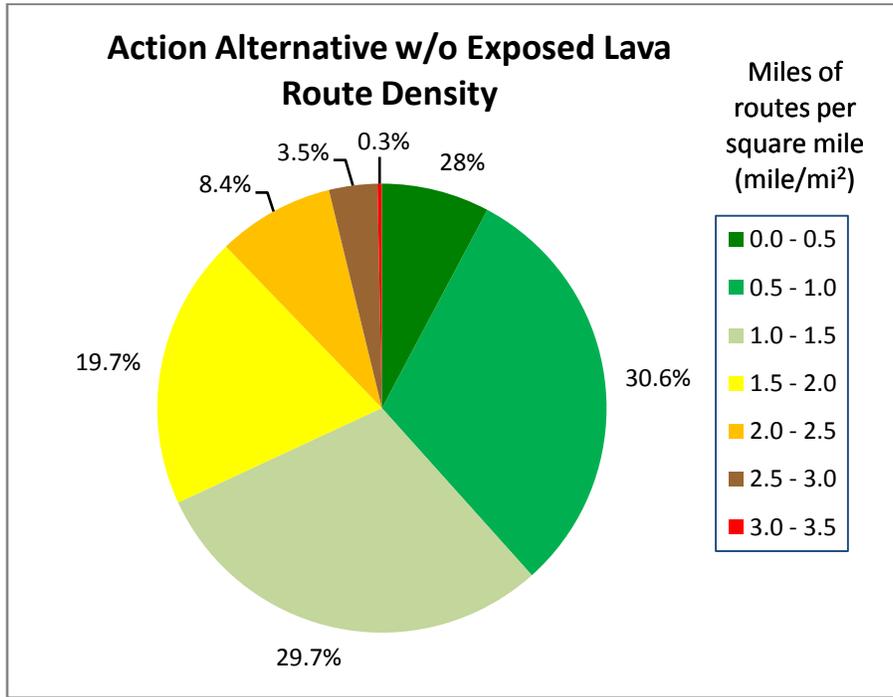
Route Density (mi/sq mi)



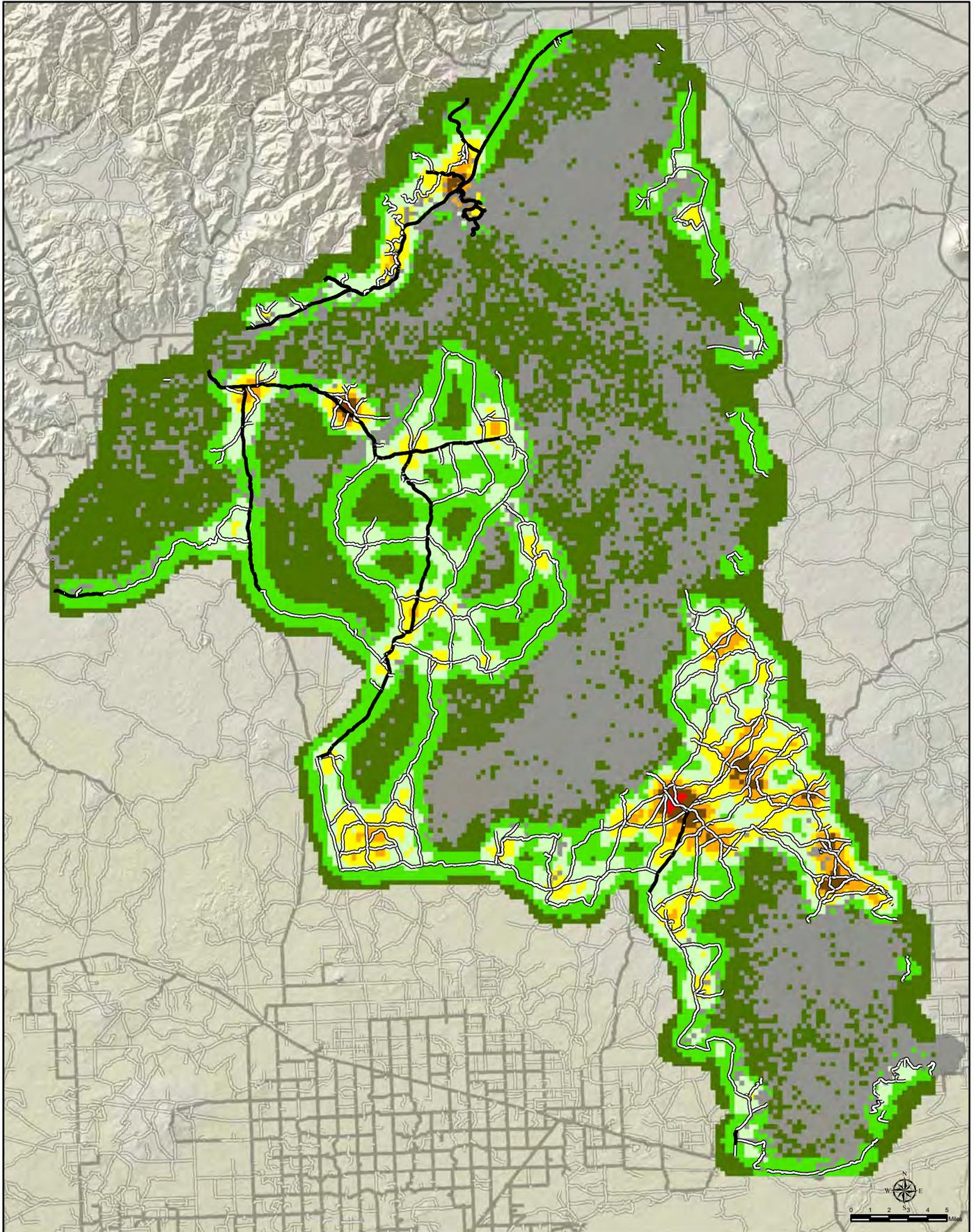
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- Proposed Action (Exposed lava area excluded)
  - Average Route Density = .63 miles / square mile



PROPOSED ACTION (NO LAVA) ROUTE DENSITY



Route Density (mi/sq mi)

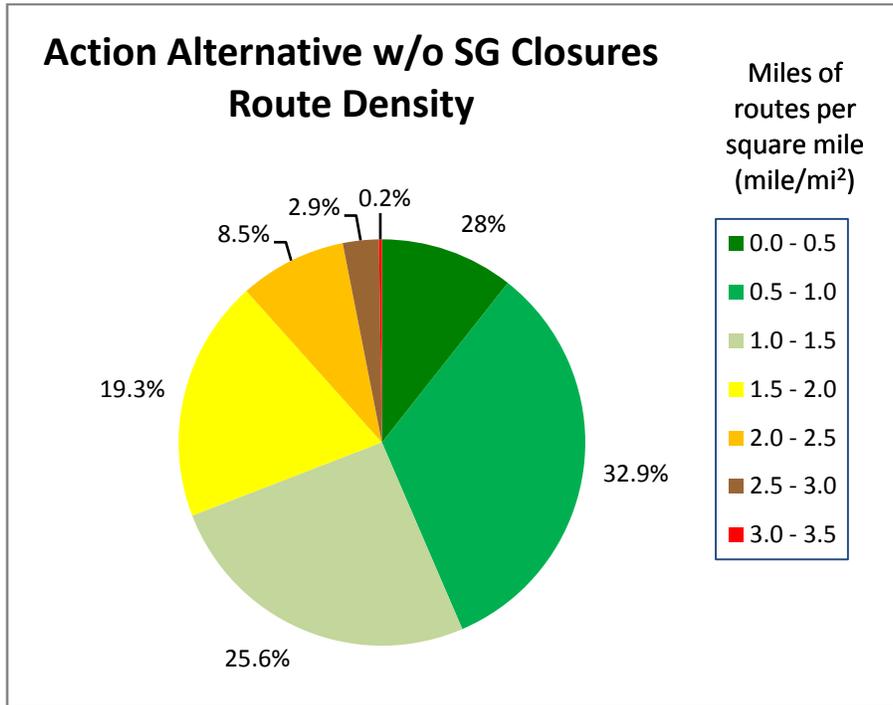


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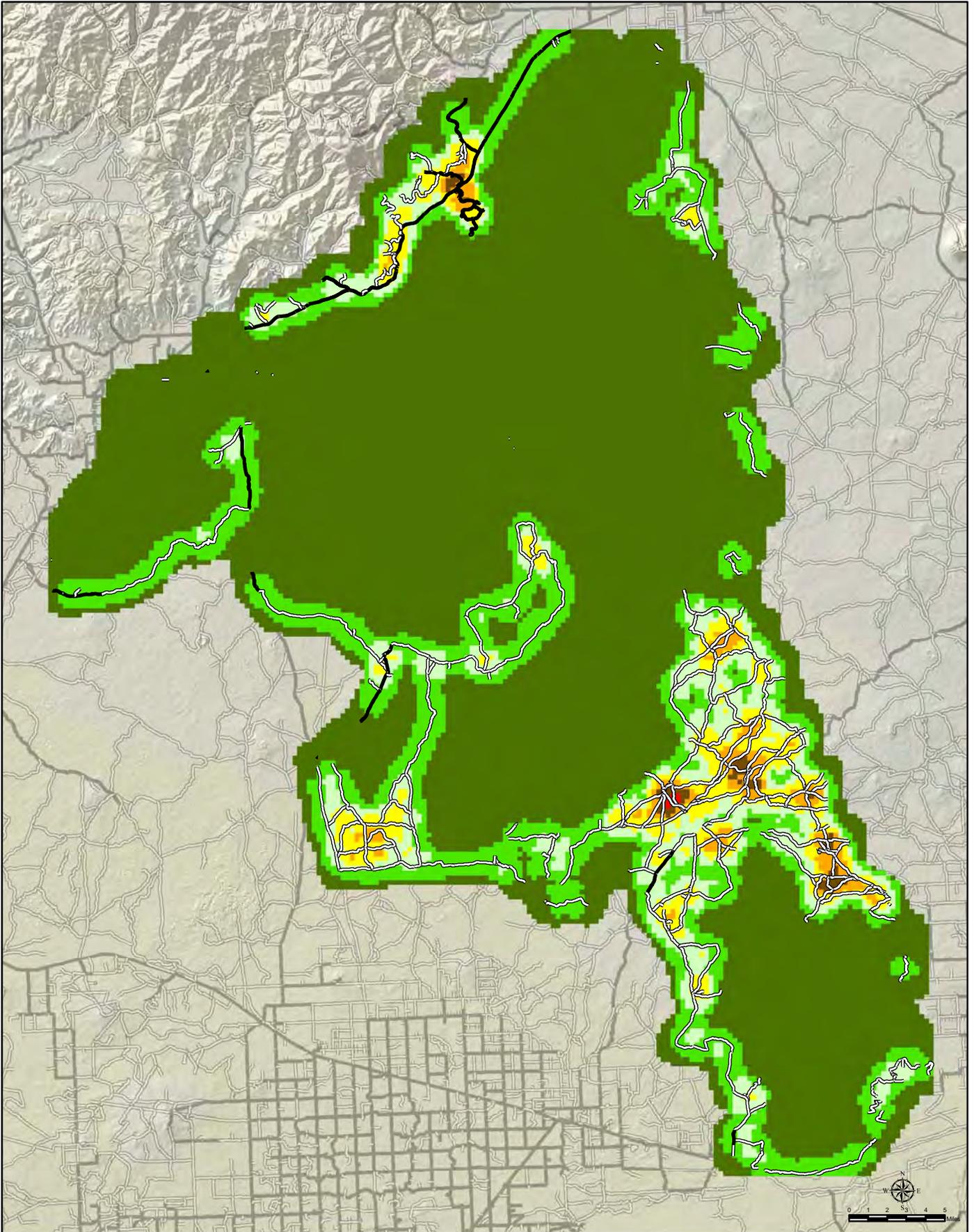
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- Proposed Action During Seasonal Restrictions (Exposed lava area included)
  - Input 499 miles of routes, comprised of all within and immediately adjacent to the Monument where they define the boundary. Trails, closed routes and seasonal wildlife (sage-grouse) restrictions were removed from consideration as they will not receive any traffic.
  - Average Route Density = .36 miles / square mile



PROPOSED ACTION (NO SG CLOSURES) ROUTE DENSITY



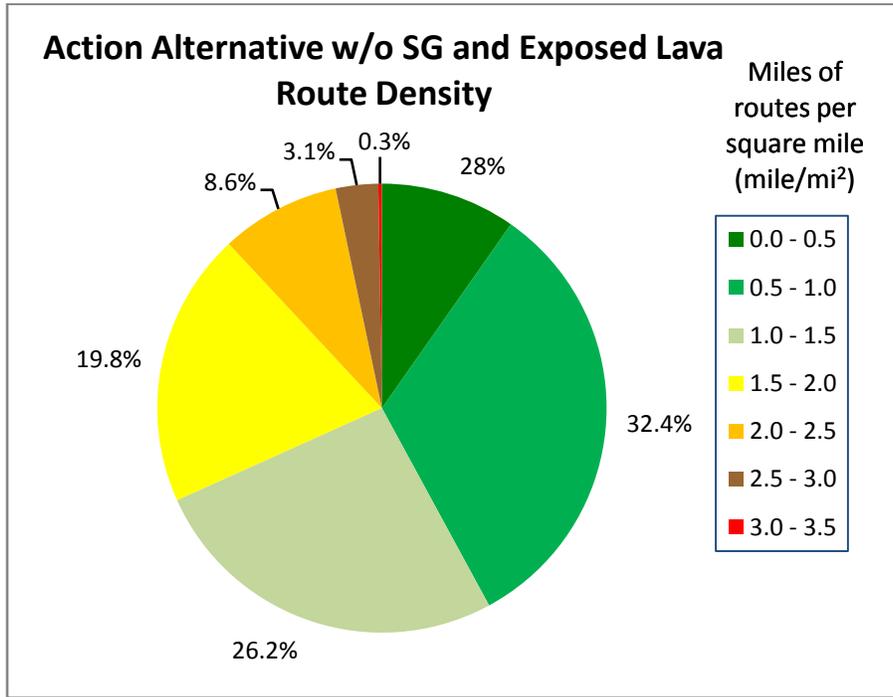
Route Density (mi/sq mi)



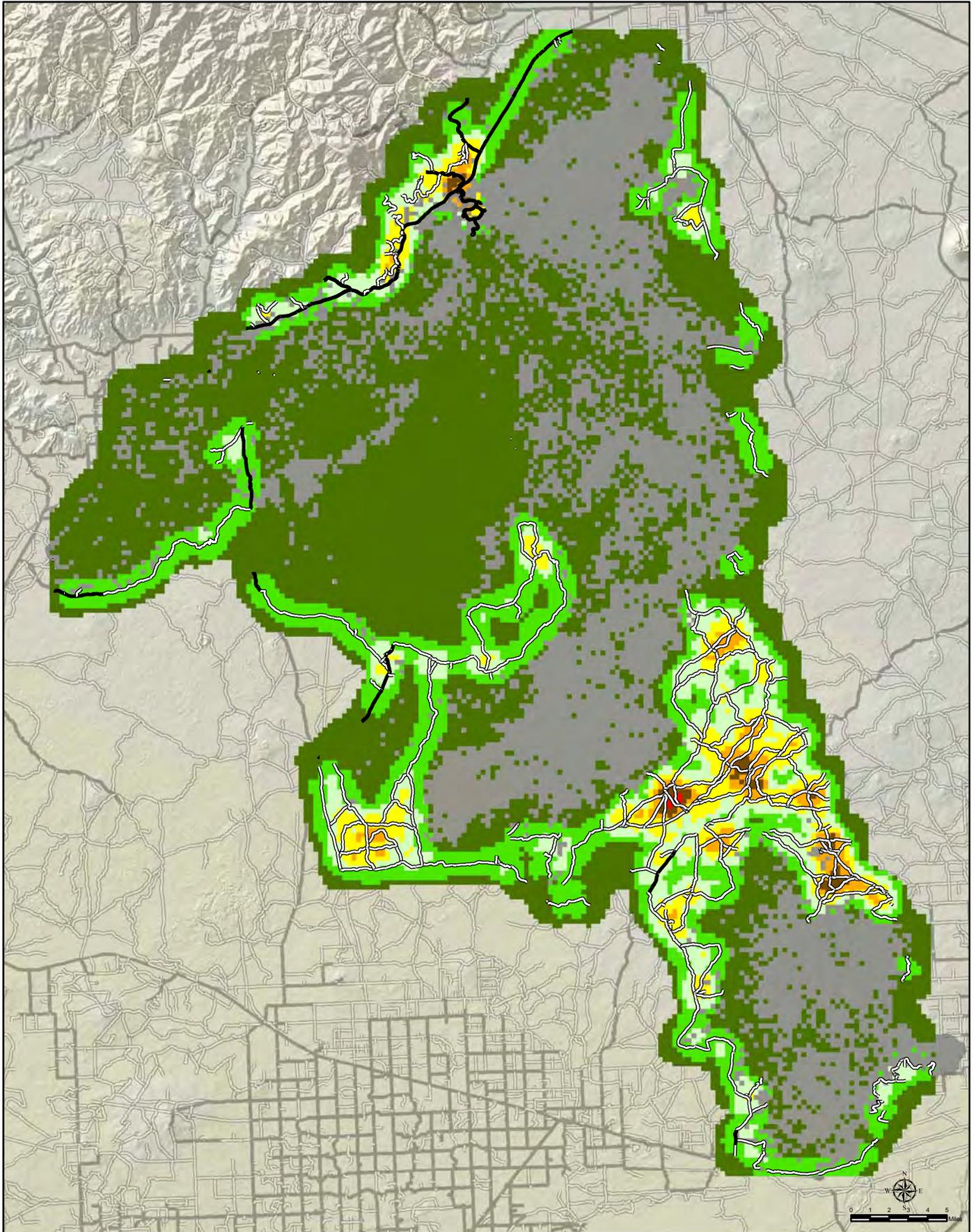
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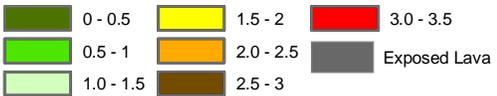
- Proposed Action During Seasonal Restrictions (Exposed lava area excluded)
  - Average Route Density = .47 miles / square mile



PROPOSED ACTION (NO SG CLOSURES OR LAVA) ROUTE DENSITY



Route Density (mi/sq mi)



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