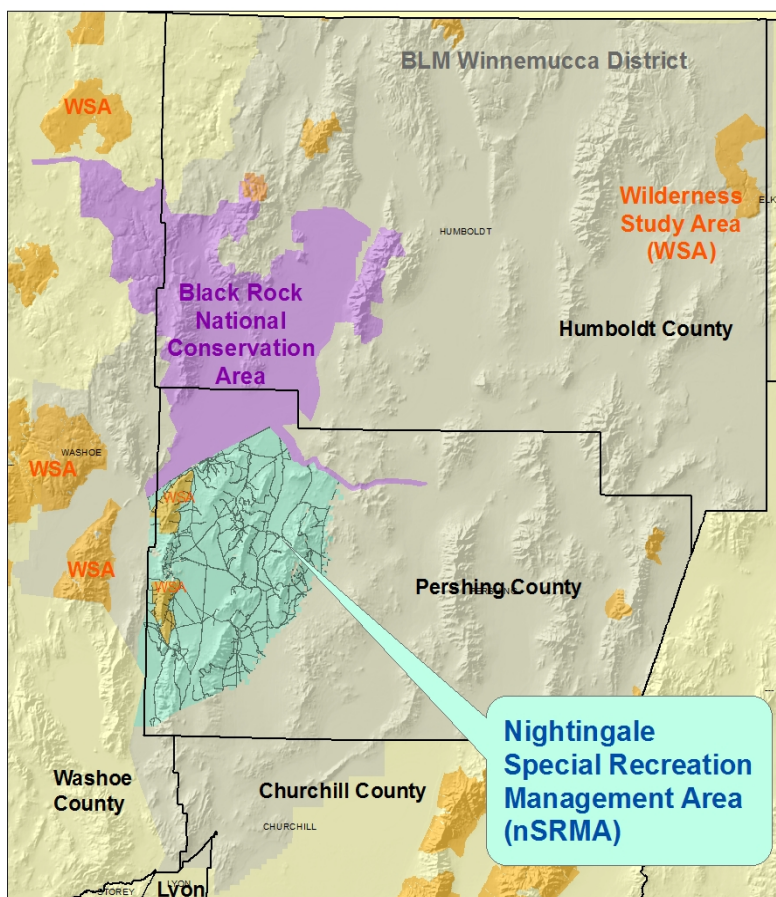


Familiar tools make it easy for the public to view data and submit comments for the travel management plan

Also see [2012 Update to nSRMA Route Inventory](#) and [Project History](#)



## Objective

Winnemucca BLM has devoted field staff to route inventories and assessments since 2005. To

date, **3,000 miles** have been located by GPS and documented with gps-photos. Inventory areas were prioritized by popular areas for recreational use, [special recreation permits \(SRPs\)](#) events and former lands bills proposals. The **Nightingale Special Recreation Management Area (nSRMA)** will be the first area for which route inventory data will be published electronically.

## Data and Results

- **3,300 miles** total collected in the district
- Data collection by multiple field teams since **2005**
- Route locations collected by [mapping grade GPS](#) and match closely with online imagery
- All data captured according to [NV BLM route inventory standard](#)
- Individual routes and designations to be created in next step of [travel management plan](#)

**1,200 miles** of routes within nSRMA to support travel management efforts

**500 miles** of motorcycle-accessed routes inventoried by 2009 field team

Data available for viewing online in [Google Maps](#) or on the desktop with [Google Earth](#)

## Chosen tools and benefits

### Data collection tools

Trimble mobile devices were used to GPS-capture point, line and polygon features and attributes in accordance with the established NV BLM route inventory standard. Each intersection and route segments of particular interest was recorded with a Ricoh GPS-camer

### Communication tools

There is **NO** need to download any additional software or files to view the data online. [Google Earth](#) on the desktop offers a much richer experience with many more capabilities. For example, routes of interest can be traced or created anew, each with added. This mark-up is exported to a KMZ file and distributed by email. The KMZ file is imported into the recipient's copy of Google Earth to review marked proposals, reply to comments and make their own additions or changes. Other features such as its direct use with GPS, laptops or cell phone in the field make this a truly integrated solution for communicating spatial data.

□

### Google mapping tools were chosen for the following reasons

#### 1. Popularity

Many are now very familiar with Google mapping tools

#### 2. File size

Google offers imagery, labels, roads and many reference layers that no longer needed to be delivered with route data. Therefore, file sizes were much decreased compared to the previous [GeoPDF](#)

and

[ArcReader](#)

formats we had chosen to deliver route data.

### **3. Online viewing**

Routes can be viewed in Google Maps online directly within a browser. It is not necessary to download or install additional tools or programs to view route data with Google Maps. The optional [Google Earth browser plug-in](#) allows for viewing of the 3D data online, a truly unique and informative perspective on the data!

### **4. Google Earth's many capabilities**

[Google Earth](#) requires installation on the desktop computer. This step is necessary to create new locations and comments for the route data. Google Earth offers many, many capabilities such as transfer data to and from a GPS receiver, ESRI ArcGIS, 3D imagery, virtual driving tours and more. For more on these capabilities, click [here](#)

### **5. Alternate options for viewing**

Google Earth was chosen for the above reasons but it is possible to load and view the .kml file into [www.ArcGIS.com](http://www.ArcGIS.com) if you prefer to build your own map.