

Creating Data Collection Survey Applications for Dinosaur National Monument.

With the increased capabilities of mobile devices and tablets, IMR GIS begun to create new and custom field collection applications for parks as needed. Using ESRI Survey123, a field survey form was designed for biological technicians and other Natural Resource staff to record surveys and locations of Big Horn Sheep spotted within Dinosaur National Monument. Other staff at Dinosaur National Monument have utilized similar surveys for Park Sign inventories, and Seeps and springs (a collaboration with regional Forest Service staff).

The screenshot shows a mobile survey form titled "Sheep Location". At the top, there is a map view with a red location pin. Below the map are several input fields and dropdown menus:

- River Location: A dropdown menu.
- Side of River: A dropdown menu.
- Group Total: A text input field.
- Lambs present?: A dropdown menu.
- Number of Females: A text input field.
- Number of Males: A text input field.
- Male Type: A dropdown menu.
- Number of Unknown: A text input field.