Collector for ArcGIS

Leveraging Mobile Technology
For Field Users
• Collector for ArcGIS
  – Improves efficiency of field work
  – Uses mobile platforms (iPad, iPhone, Android, OpenGL ES 2.0, more)
  – Can be used connected or disconnected
  – Works from ArcGIS Online (AGOL)
    • Map set up in AGOL with editable Feature Service, collateral data, basemap
    • Customize tools, pop-ups, what attributes can be seen/edited
    • Map saved and then Shared
• Collector (cont.):
  – Collection of points, lines, polygons
  – Collection of new data (assuming accuracy doesn’t require <5m)
    • Can use Bluetooth to connect to higher accuracy GPS
  – Editing/attributing existing data

• ESRI’s Coming Soon:
  – Related Tables (NEED!)
  – Ability to search data
  – Data collection with Offsets
  – Integration of peripherals (range finders, barcode scanners, etc.)
MILLE LACS NATIONAL WILDLIFE REFUGE
MINER COUNTY WATERFOWL PRODUCTION AREA
MINGO NATIONAL WILDLIFE REFUGE
MINIDOKA NATIONAL WILDLIFE REFUGE
MINNEHAHA COUNTY WATERFOWL PRODUCTION AREA
MINNESOTA VALLEY NATIONAL WILDLIFE REFUGE
MISSISQUIO NATIONAL WILDLIFE REFUGE
MISSISSIPPI RIVER WILDLIFE MANAGEMENT AREA
MISSISSIPPI SANDHILL CRANE NATIONAL WILDLIFE REFUGE
MOAPA VALLEY NATIONAL WILDLIFE REFUGE
MODOC NATIONAL WILDLIFE REFUGE
MONOMOY NATIONAL WILDLIFE REFUGE
MONTE VISTA NATIONAL WILDLIFE REFUGE
<table>
<thead>
<tr>
<th>Date</th>
<th>6</th>
<th>16</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sun Jun 1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mon Jun 2</td>
<td>7</td>
<td>17</td>
</tr>
<tr>
<td>Tue Jun 3</td>
<td>8</td>
<td>18</td>
</tr>
<tr>
<td>Today</td>
<td>9</td>
<td>19</td>
</tr>
<tr>
<td>Thu Jun 5</td>
<td>10</td>
<td>20</td>
</tr>
<tr>
<td>Fri Jun 6</td>
<td>11</td>
<td>21</td>
</tr>
<tr>
<td>Sat Jun 7</td>
<td>12</td>
<td>22</td>
</tr>
</tbody>
</table>
Location
Lat: 37.013337° Long: -90.122011°

Gage: 6/4/14, 9:33 AM

ORGNAME
MINGO NATIONAL WILDLIFE REFUGE

LIT
MNG

Gage_Type
Staff gage

WaterLevel
301.20

DateTime
6/4/14, 9:33 AM

User_Name
Gpd

Comments
Removed two boards
Collector Challenge:

• Download Collector for ArcGIS on your device

• Use your Workshop AGOL account and log in
  – Example User Name: gdealessio_FWSreg4

• Collect at least 3 points during the workshop!
  – Meet a new person? Attend a good class? See wildlife or interesting plants? Enjoy a beverage?
Collector Challenge (cont.):

• Record name, date/time, pick an event from the drop down and put in a comment.

• Don’t forget to attach pictures!!

• Bonus: Try disconnected editing. Check out the data and check it back in at night!

• We’ll share results on Thursday!
Questions?

Don’t have a device and want to try?

See Gabe or Kenny during the workshop!