Subsidence Rates (feet/year)
December 2011 to July 2014

GPS Coordinates
- ▲ GPS Point-December 2011
- ○ GPS Point-added July 2012
- ▼ GPS Point-added December 2013

Subsidence rates calculated by comparing survey values at GPS Stations for the dates specified in the legend. GPS points that have not been monitored for over one year were not included in the Subsidence Rates surface.
Subsidence Rates (feet/year)
December 2011 to December 2012

- 0.15 to 0
- 0 to -0.15
- -0.15 to -0.3
- -0.3 to -0.45
- -0.45 to -0.6

GPS Coordinates
- ▲ GPS Point-December 2011
- ○ GPS Point-added July 2012
- ● GPS Point-added December 2013

Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Path: S:\214-CVP-Friant Division\San Joaquin River\Subsidence Mapping\GIS\SJRRP-Subsidence Mapping-20140717.mxd

Reclamation Subsidence GPS Stations
Subsidence rates calculated by comparing survey values at GPS Stations for the dates specified in the legend.
Subsidence Rates (feet/year)
December 2012 to December 2013

0 to -0.15
-0.15 to -0.3
-0.3 to -0.45
-0.45 to -0.6
-0.6 to -0.75
-0.75 to -0.9
-0.9 to -1.05

GPS Coordinates
- GPS Point-December 2011
- GPS Point-added July 2012
- GPS Point-added December 2013

Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Subsidence rates calculated by comparing survey values at GPS Stations for the dates specified in the legend.
Subsidence Rates (feet/year)
December 2013 to July 2014

- 0.75 to 0.9
- 0.6 to 0.75
- 0.45 to 0.6
- 0.3 to 0.45
- 0.15 to 0.3
- 0 to 0.15
- -0.15 to 0
- -0.3 to -0.15
- -0.45 to -0.3
- -0.6 to -0.45
- -0.75 to -0.6
- -0.9 to -0.75

GPS Coordinates
- ▲ GPS Point-December 2011
- ○ GPS Point-added July 2012
- ▲ GPS Point-added December 2013

Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Reclamation Subsidence
GPS Stations

Subsidence rates calculated by comparing survey values at GPS Stations for the dates specified in the legend.

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Subsidence Rates (feet/year)
July 2013 to July 2014

Legend

GPS Coordinates
-  ▲ GPS Point-December 2011
-  ○ GPS Point-added July 2012
-  ○ GPS Point-added December 2013

Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCan, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Subsidence rates calculated by comparing survey values at GPS Stations for the dates specified in the legend. GPS points that have not been monitored for over one year were not included in the Subsidence Rates surface.