








# RWIS Atlas

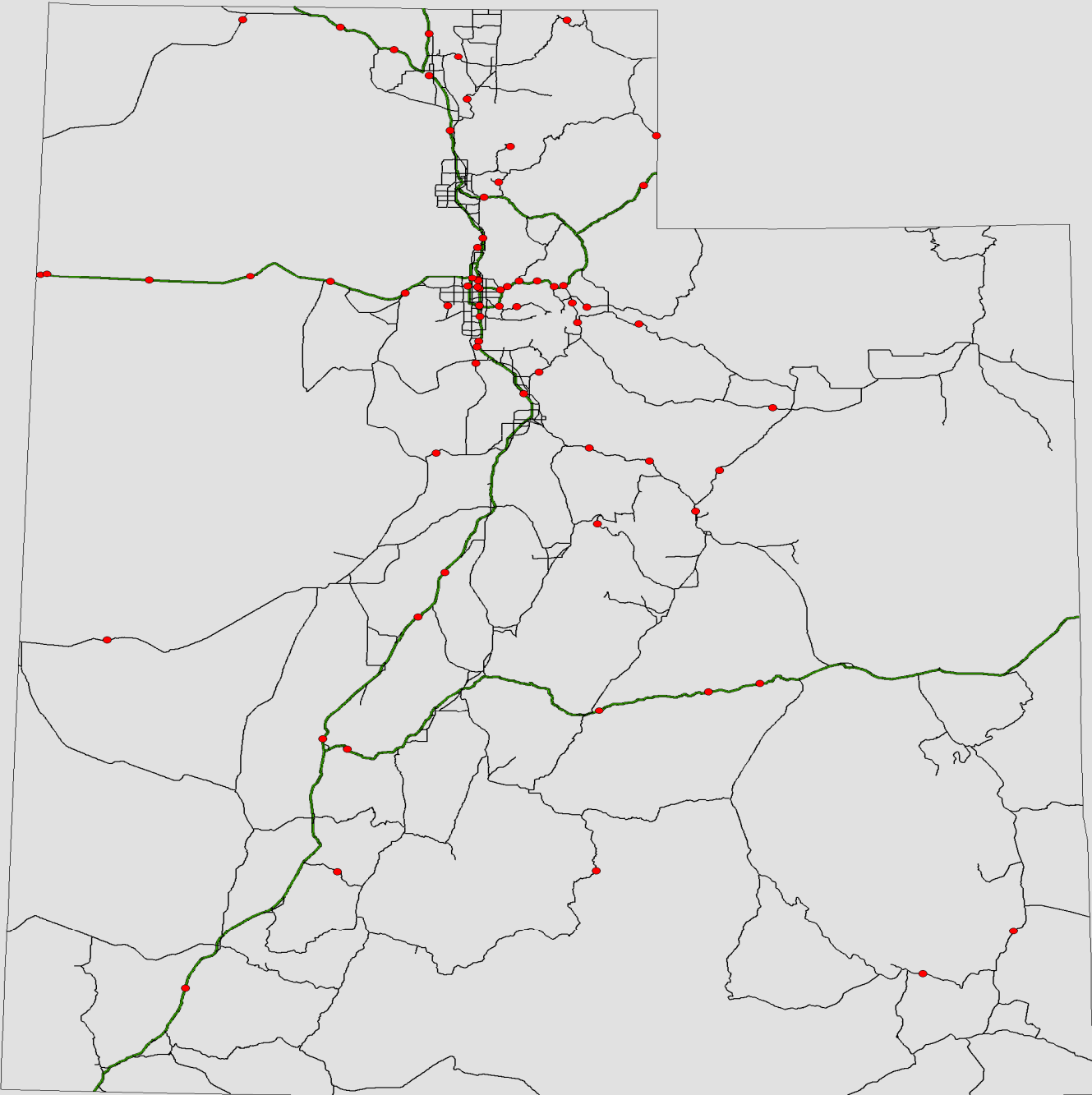


Data Sheets  
Maps  
Appendices

## Index

Statewide Reference Map	3
I-15 @ Plymouth	4
I-15 @ Tremonton	6
I-15 @ Willard POE	8
I-15 @ Centerville	10
I-15 @ 500 S	12
I-15 @ 600 S	14
I-15 @ 2400 S	16
I-15 @ 6200 S	18
I-15 @ 9000 S	20
I-15 @ 14700 S	22
I-15 @ Point of the Mountain	24
I-15 @ Provo Center St	26
I-15 @ Sevier River	28
I-15 @ Scipio Summit	30
I-15 @ Dog Valley	32
I-15 @ Black Ridge	34
I-70 @ Clear Creek	36
I-70 @ Fremont Jct	38
I-70 @ Ghost Rock	40
I-70 @ Rattlesnake Bench	42
I-80 @ mp 1	44
I-80 @ Wendover POE	46
I-80 @ mp 29	48
I-80 @ Grassey	50
I-80 @ mp 78	52
I-80 @ Lakepoint	54
I-80 @ Redwood Rd	56
I-80 @ Parleys Mouth	58
I-80 @ Parleys Canyon Quarry	60
I-80 @ Parleys Shed	62
I-80 @ Parleys Summit	64
I-80 @ Kimball Jct	66
I-80 @ Silver Creek Jc	68
I-80 @ Wahsatch	70
I-84 @ Chaulk Hill	72
I-84 @ Whites Valley	74
I-84 @ Weber Canyon	76
I-215 @ Knudsen	78
Legacy Parkway	80
SR 12 @ Boulder Summit	82
SR 16 @ 	84
SR 20 @ 	86
SR 30 @ Curlew	88
SR 30 @ 	90
SR 31 @ Skyline	92
SR 35 @ Wolf Creek	94
US 89 @ Logan Summit	96
SR 89 @ Sardine	98
SR 95 @ Salvation Knoll	100
SR 111 @ Bacchus	102
SR 16 @  rappers Loop	104
SR 24 @ 	106
US 6 @ Kings Canyon	108
US 6 @ Red Narrows	110
US 6 @ Soldier Summit	112
US 6 @ Eureka	114
US 6 @ Helper	116
SR189 @ Provo Canyon	118
SR 201 @ 800 W	120
US 40 @ Mayflower Summit	122
US 40 @ Heber	124
US 40 @ Starvation	126
US 191 @ Monticello	128
US 191 @ Indian Canyon Summit	130
Powder Mountain	132

# State Reference Map



## Legend

- RWIS Sites
- Interstate
- US Route
- State Route



# I-15 @ Plymouth

## Identification

<i>Route</i>	15	<i>Longitude</i>	-112.1692
<i>Mile Post</i>	392.34	<i>Latitude</i>	41.8861
<i>Region</i>	1	<i>Elevation (ft)</i>	4493
<i>Mesowest ID:</i>	ut29		
<i>Access</i>	NB off ramp and SR13 junction. On the left hand side		

## Instrumentation

<i>Device Type</i>	CSI	
<i>Anemometer</i>	RMYoung	
<i>Air/Rel Humidity</i>	HMP45C	
<i>Precipitation</i>	DRD11A	
<i>Camera:</i>	CC640	
<i>Sub-grade Temp:</i>	No	
<i>Road Sensors:</i>	<i>No of Sensors</i>	0
	<i>Type of Sensors</i>	
<i>Power Source</i>	Hard Line	



## Communication

<i>Com to Site</i>	Hard Dial
<i>Communication No</i>	435-458-3655
<i>Export/ATMS Source</i>	MesoAtmo.dat

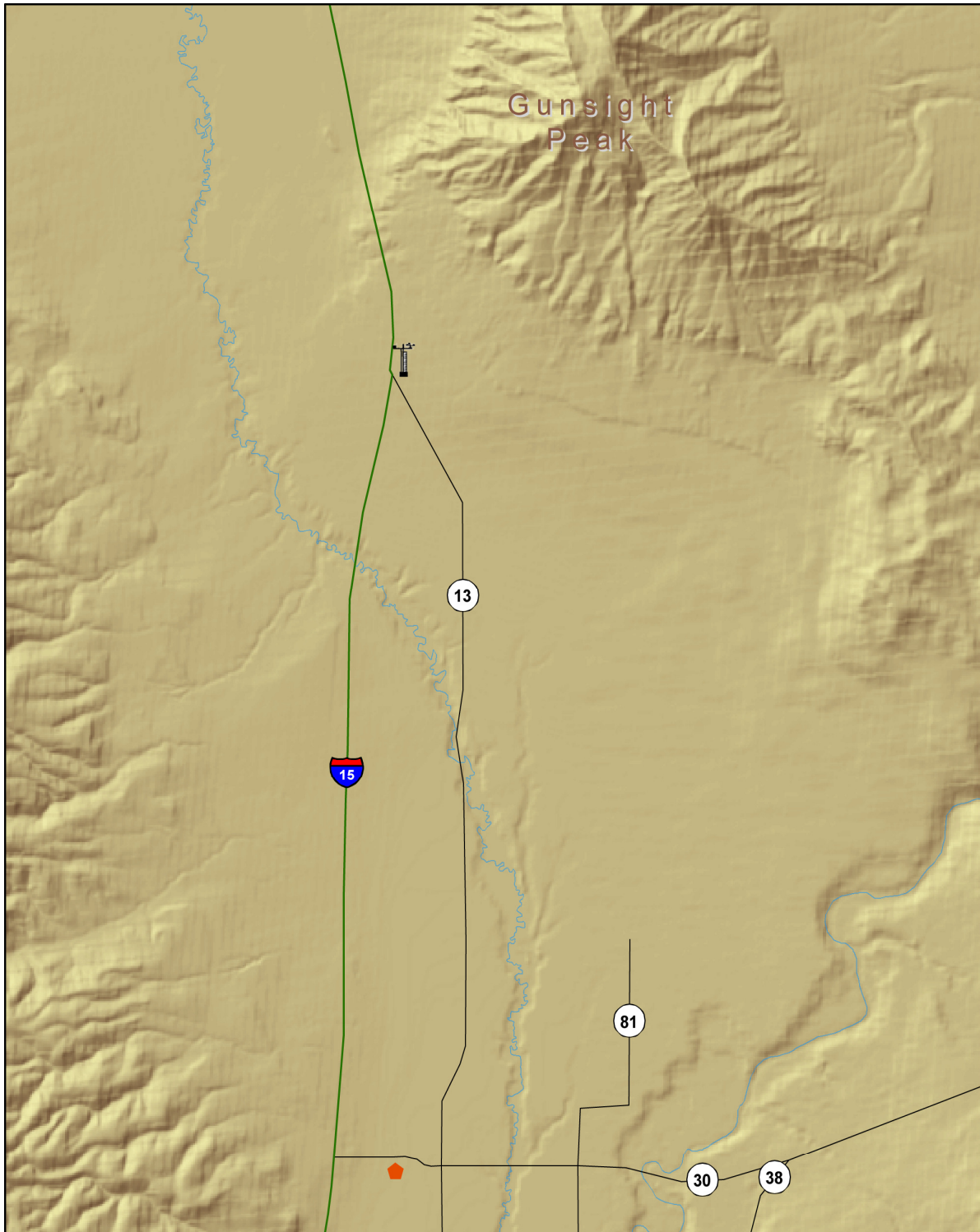
## Comments





Vaisala to CSI integration  
10/8/08. Upgraded to CSI 8/11/09

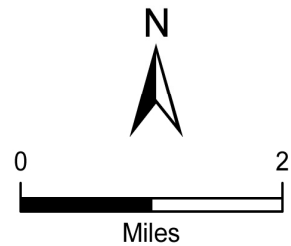
## Site Description

Long open grass covered valley.  
Hills to the east with trees. Hills to  
the west with grass and shrubs

# I-15 @ Plymouth



-  RWIS
-  Maintenance Station
-  Interstate
-  Major Road



# I-15 @ Tremonton

## Identification

<i>Route</i>	15	<i>Longitude</i>	-112.1629
<i>Mile Post</i>	377.77	<i>Latitude</i>	41.6904
<i>Region</i>	1	<i>Elevation (ft)</i>	4317
<i>Mesowest ID:</i>	ut28		
<i>Access</i>	RWIS in the median just after a short bridge over a farm road between I-84 and SR13. Pull over going SB		

## Instrumentation

<i>Device Type</i>	CSI
<i>Anemometer</i>	RMYoung
<i>Air/Rel Humidity</i>	HMP45C
<i>Precipitation</i>	DRD11A
<i>Camera:</i>	None
<i>Sub-grade Temp:</i>	No
<i>Road Sensors:</i>	<i>No of Sensors</i> 0
	<i>Type of Sensors</i> None
<i>Power Source</i>	Hard Line



## Communication

<i>Com to Site</i>	DSL
<i>Communication No</i>	10.250.5.16
<i>Export/ATMS Source</i>	MesoAmo.dat & MesoRoad.dat

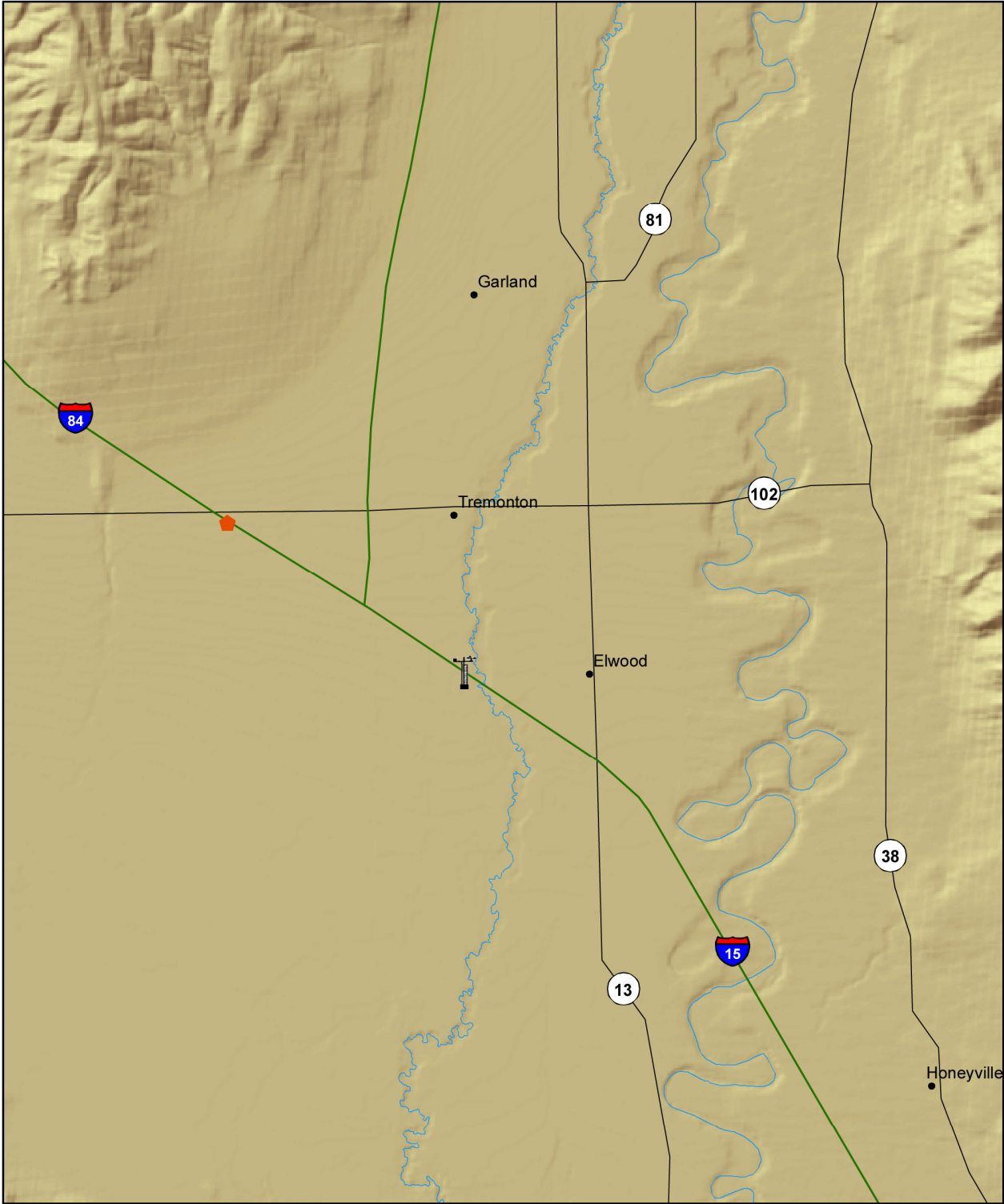
## Comments





Vaisala/CSI integration 8/19/08.  
Upgraded to CSI 8/11/09

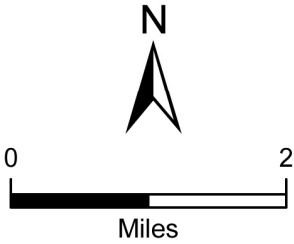
## Site Description

Open valley filled with grass and farmland and scattered trees. RWIS on edge of steep bank leading to farm road going underneath I-15

# I-15 @ Tremonton



-  RWIS
-  Maintenance Station
-  Interstate
-  Major Road



# I-15 @ Willard POE

---

## Identification

<i>Route</i>	15	<i>Longitude</i>	-112.0564
<i>Mile Post</i>	358.81	<i>Latitude</i>	41.4402
<i>Region</i>	1	<i>Elevation (ft)</i>	4233
<i>Mesowest ID:</i>	utwld		
<i>Access</i>	NB Willard Point of Entry		

## Instrumentation

<i>Device Type</i>	CSI	
<i>Anemometer</i>	RM Young	
<i>Air/Rel Humidity</i>	HMP45C	
<i>Precipitation</i>	DRD11A	
<i>Camera:</i>	CC640	
<i>Sub-grade Temp:</i>	No	
<i>Road Sensors:</i>	<i>No of Sensors</i>	0
	<i>Type of Sensors</i>	None
<i>Power Source</i>	Hard Line	



## Communication

<i>Com to Site</i>	Hard Dial	
<i>Communication No</i>	435-723-2745	
<i>Export/ATMS Source</i>	MesoAtmo.dat & MesoRoad.dat	

## Comments

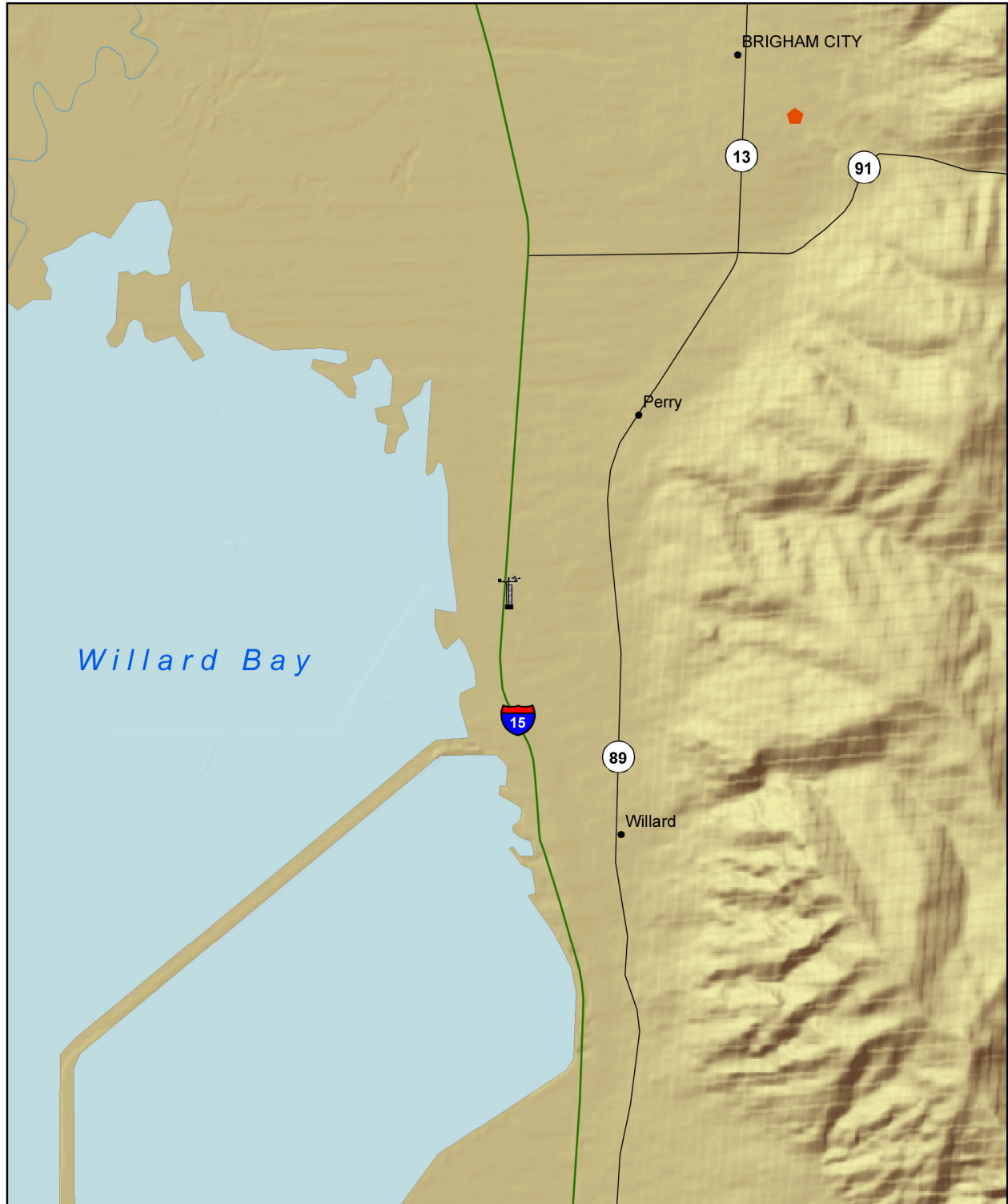
Upgraded from SSI to CSI 7/24/08





## Site Description

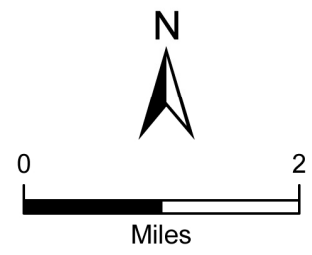
Open grassland. Willard Bay to the West. Mountains to the East



# I-15 @ Willard POE



-  RWIS
-  Maintenance Station
-  Interstate
-  Major Road



# I-15 @ Centerville

## Identification

<i>Route</i>	15	<i>Longitude</i>	-111.8916
<i>Mile Post</i>	321.46	<i>Latitude</i>	40.9497
<i>Region</i>	1	<i>Elevation (ft)</i>	4230
<i>Mesowest ID:</i>	cen		
<i>Access</i>	SB shoulder 1.5 miles before Centerville Exit		

## Instrumentation

<i>Device Type</i>	CSI	
<i>Anemometer</i>	RM Young	
<i>Air/Rel Humidity</i>	HMP45C	
<i>Precipitation</i>	DRD11A	
<i>Camera:</i>	None	
<i>Sub-grade Temp:</i>	107	
<i>Road Sensors:</i>	<i>No of Sensors</i>	1
	<i>Type of Sensors</i>	Lufft
<i>Power Source</i>	Hard Line	



## Communication

<i>Com to Site</i>	Fiber	
<i>Communication No</i>	10.203.10.144	
<i>Export/ATMS Source</i>	MesoAtmo.dat & MesoRoad.dat	

## Comments




Upgraded from SSI to CSI 7/24/08

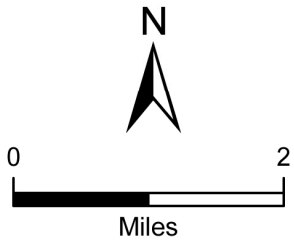
## Site Description

Between RR and I-15. Residential area on opposite shoulder. Powerlines and lake on West side. Mountains on the East

# I-15 @ Centerville



-  RWIS
-  Maintenance Station
-  Interstate
-  Major Road



# I-15 @ 500 S

## Identification

<i>Route</i>	15	<i>Longitude</i>	-111.9121
<i>Mile Post</i>	307.76	<i>Latitude</i>	40.7583
<i>Region</i>	2	<i>Elevation (ft)</i>	4247
<i>Mesowest ID:</i>	ut20		
<i>Access</i>	From 500 S to WB I-80 ramp. Left hand side		

## Instrumentation

<i>Device Type</i>	CSI	
<i>Anemometer</i>	RMYoung	
<i>Air/Rel Humidity</i>	HMP45C	
<i>Precipitation</i>	DRD11A	
<i>Camera:</i>	None	
<i>Sub-grade Temp:</i>	No	
<i>Road Sensors:</i>	<i>No of Sensors</i>	0
	<i>Type of Sensors</i>	None
<i>Power Source</i>	Hard Line	



## Communication

<i>Com to Site</i>	Fiber	
<i>Communication No</i>	10.205.7.16	
<i>Export/ATMS Source</i>	MesoAtmo.dat	

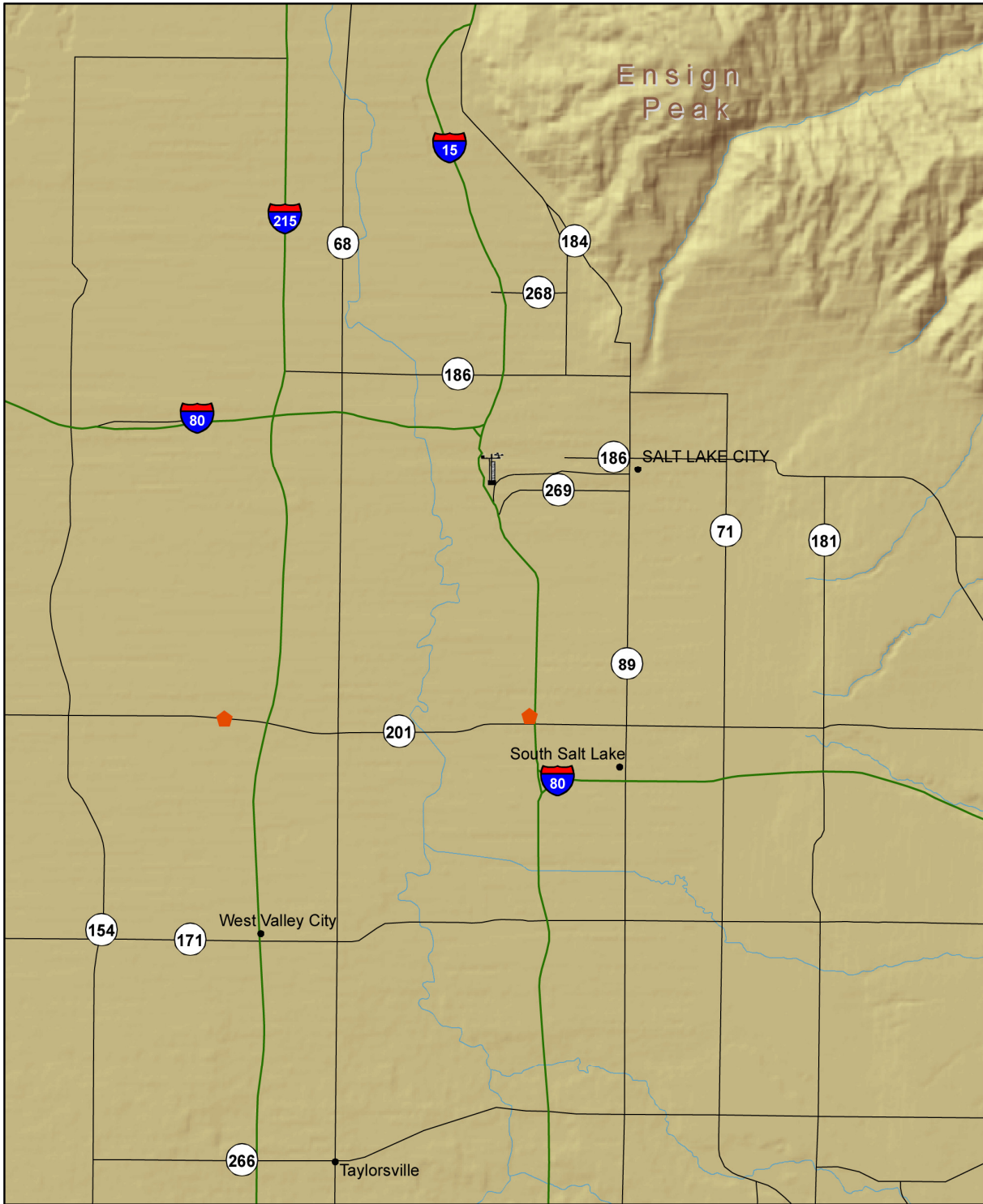
## Comments





Performed Vaisala to CSI upgrade  
9/24/08

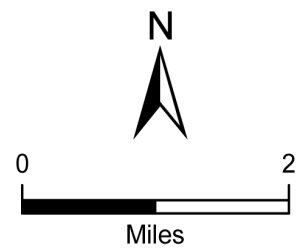
## Site Description

Urban. Collection pond below RWIS

# I-15 @ 500 S



-  RWIS
-  Maintenance Station
-  Interstate
-  Major Road



# I-15 @ 600 S

## Identification

<i>Route</i>	15	<i>Longitude</i>	-111.9106
<i>Mile Post</i>	307.26	<i>Latitude</i>	40.7537
<i>Region</i>	2	<i>Elevation (ft)</i>	4246
<i>Mesowest ID:</i>	ut21		
<i>Access</i>	Urban. Collection pond below RWIS		

## Instrumentation

<i>Device Type</i>	CSI	
<i>Anemometer</i>	None	
<i>Air/Rel Humidity</i>	HMP45C	
<i>Precipitation</i>	None	
<i>Camera:</i>	None	
<i>Sub-grade Temp:</i>	None	
<i>Road Sensors:</i>	<i>No of Sensors</i>	1
	<i>Type of Sensors</i>	DSC/DST
<i>Power Source</i>	Hard Line	



## Communication

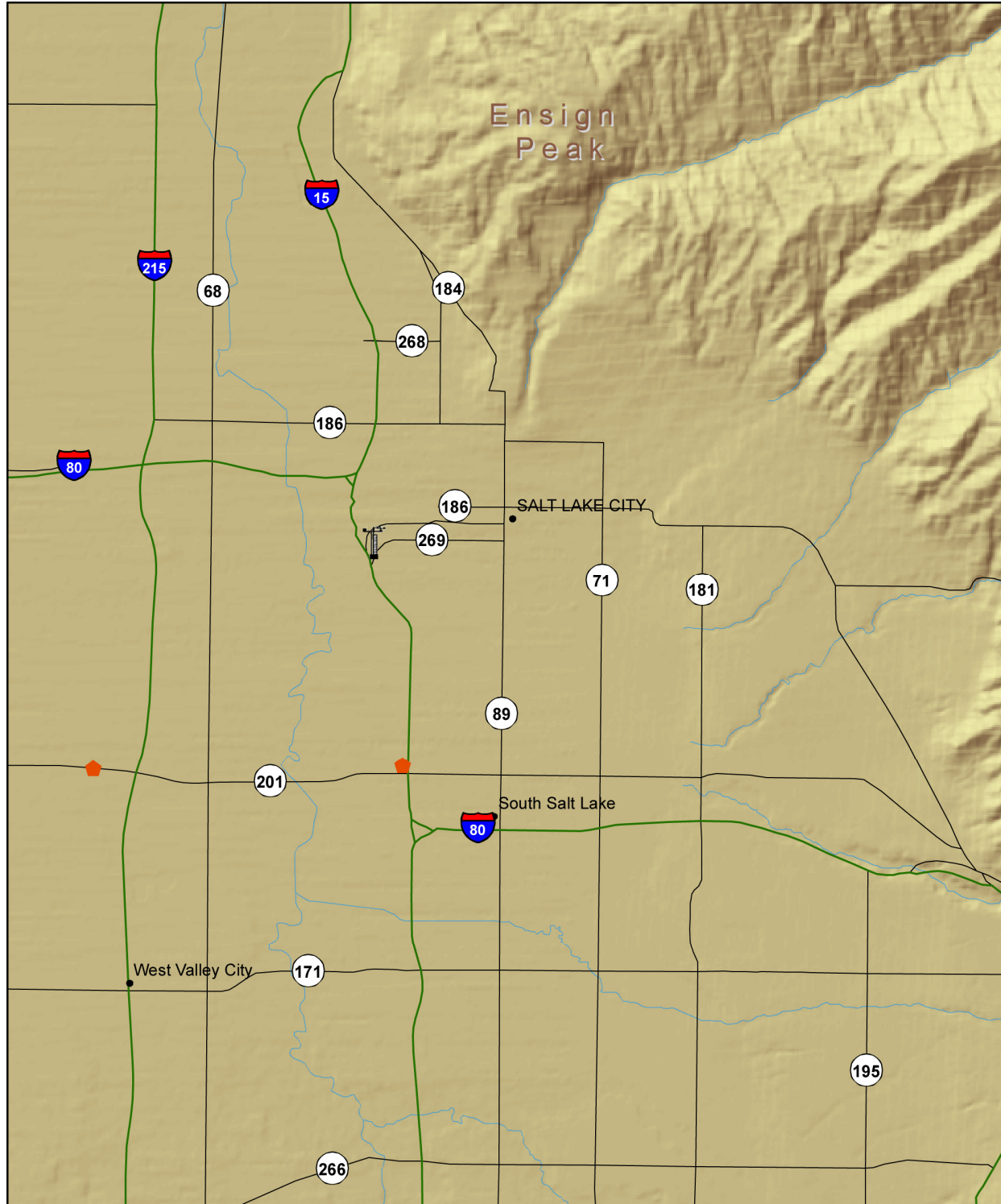
<i>Com to Site</i>	Fiber
<i>Communication No</i>	10.204.15.144
<i>Export/ATMS Source</i>	DSC.dat





## Comments

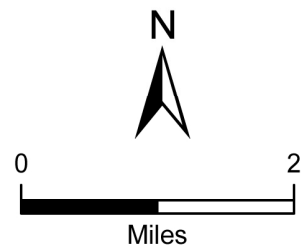
## Site Description

Urban. No Vegetation. Next to concrete sholder barrier. Slopes downward to industrial area.

# I-15 @ 600 S



-  RWIS
-  Maintenance Station
-  Interstate
-  Major Road



# I-15 @ 2400 S

## Identification

<i>Route</i>	15	<i>Longitude</i>	-111.9044
<i>Mile Post</i>	304.64	<i>Latitude</i>	40.7171
<i>Region</i>	2	<i>Elevation (ft)</i>	4264
<i>Mesowest ID:</i>	ut23		
<i>Access</i>	NB or SB inside lanes. RWIS is in the median just south of Spaghetti Bowl flyovers.		

## Instrumentation

<i>Device Type</i>	CSI	
<i>Anemometer</i>	RMYoung	
<i>Air/Rel Humidity</i>	HMP45C	
<i>Precipitation</i>	DRD11A	
<i>Camera:</i>	None	
<i>Sub-grade Temp:</i>	No	
<i>Road Sensors:</i>	<i>No of Sensors</i>	0
	<i>Type of Sensors</i>	None
<i>Power Source</i>	Hard Line	



## Communication

<i>Com to Site</i>	Fiber
<i>Communication No</i>	10.208.15.156
<i>Export/ATMS Source</i>	MesoAtmo.dat

## Comments

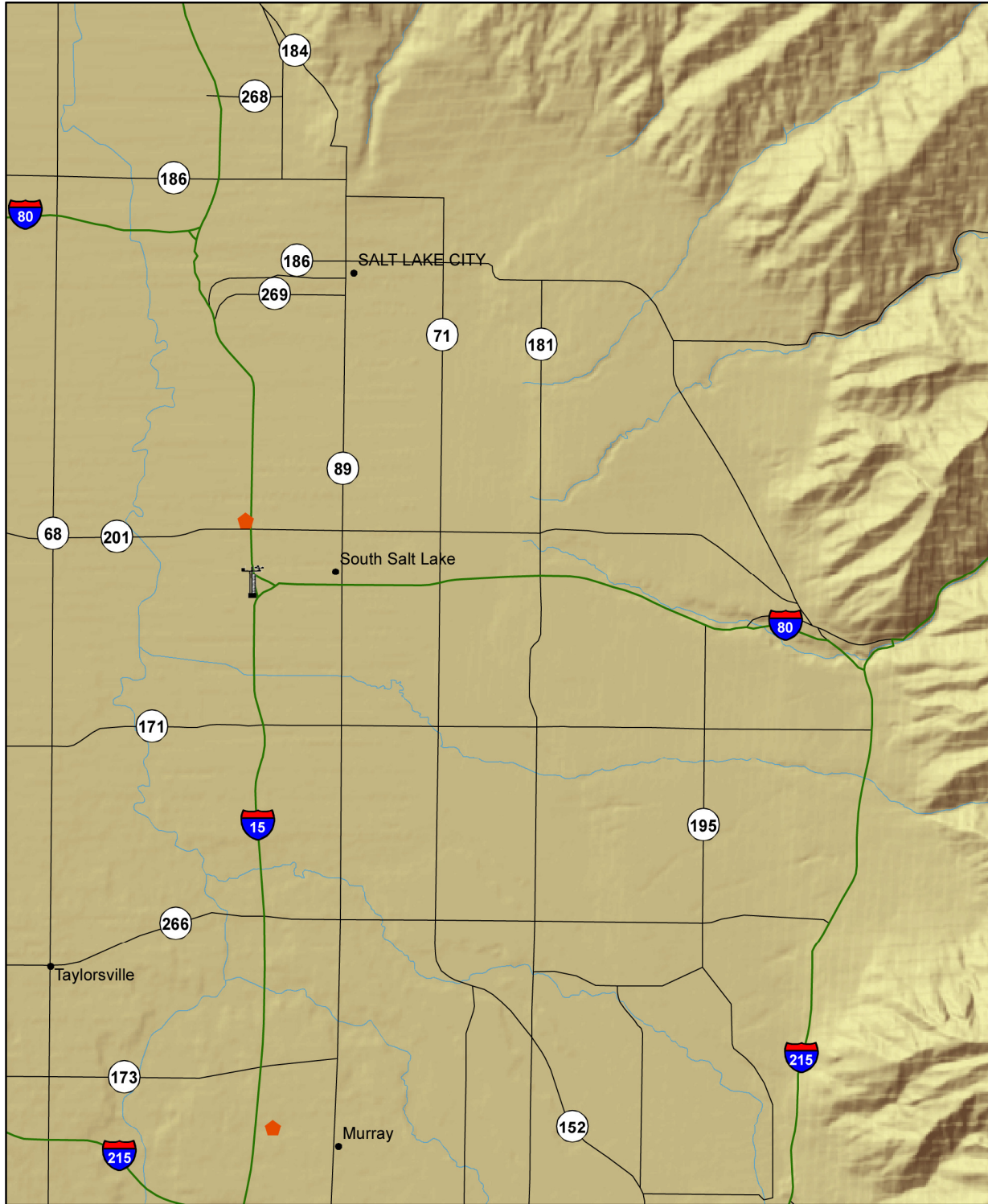
Vaisala/CSI integration 8/19/08.  
Upgraded to CSI 8/11/09.





## Site Description

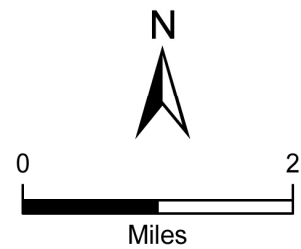
In the middle of a freeway interchange. No vegetation.



# I-15 @ 2400 S



-  RWIS
-  Maintenance Station
-  Interstate
-  Major Road



# I-15 @ 6200 S

## Identification

<i>Route</i>	15	<i>Longitude</i>	-111.9050
<i>Mile Post</i>	299.10	<i>Latitude</i>	40.6371
<i>Region</i>	2	<i>Elevation (ft)</i>	4345
<i>Mesowest ID:</i>	ut12		
<i>Access</i>	SB I-15 just after the I-215 WB exit ramp		

## Instrumentation

<i>Device Type</i>	CSI
<i>Anemometer</i>	RMYoung
<i>Air/Rel Humidity</i>	HMP45C
<i>Precipitation</i>	DRD11A
<i>Camera:</i>	None
<i>Sub-grade Temp:</i>	No
<i>Road Sensors:</i>	<i>No of Sensors</i> 0
	<i>Type of Sensors</i> None
<i>Power Source</i>	Hard Line



## Communication

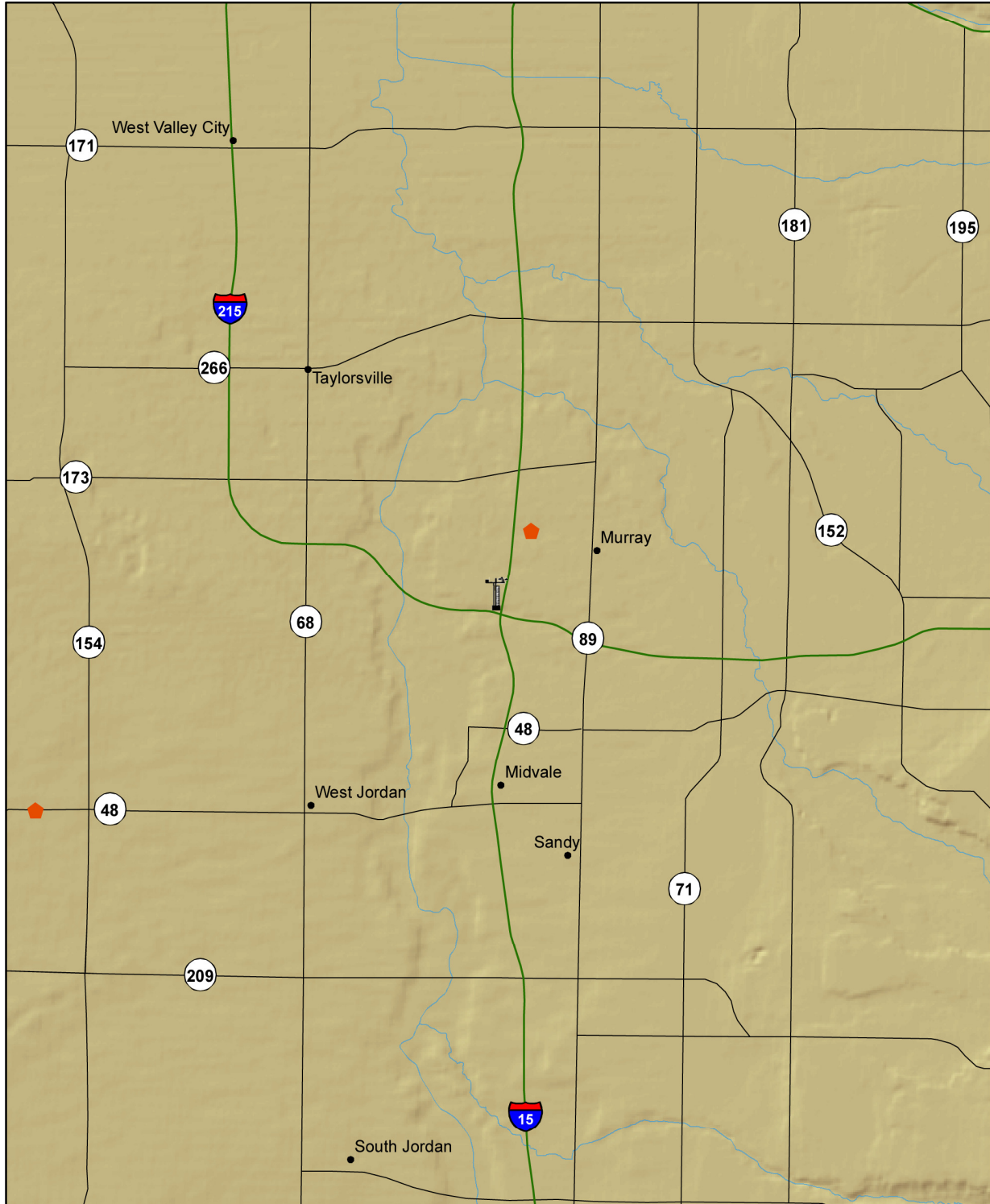
<i>Com to Site</i>	Fiber
<i>Communication No</i>	10.208.6.208
<i>Export/ATMS Source</i>	MesoAtmo.dat & MesoRoad.dat




## Comments

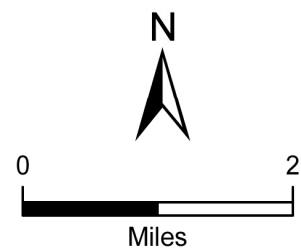
## Site Description

Grassy around the RWIS. Urban area surrounding the freeway interchange.

# I-15 @ 6200 S



-  RWIS
-  Maintenance Station
-  Interstate
-  Major Road



# I-15 @ 9000 S

## Identification

<i>Route</i>	15	<i>Longitude</i>	-111.8998
<i>Mile Post</i>	295.67	<i>Latitude</i>	40.5887
<i>Region</i>	2	<i>Elevation (ft)</i>	4380
<i>Mesowest ID:</i>	ut11		
<i>Access</i>	NB onramp from EB 9000 S		

## Instrumentation

<i>Device Type</i>	CSI	
<i>Anemometer</i>	RM Young	
<i>Air/Rel Humidity</i>	HMP45C	
<i>Precipitation</i>	DRD11A	
<i>Camera:</i>	None	
<i>Sub-grade Temp:</i>	No	
<i>Road Sensors:</i>	<i>No of Sensors</i>	1
	<i>Type of Sensors</i>	Lufft
<i>Power Source</i>	Hard Line	



## Communication

<i>Com to Site</i>	Fiber	
<i>Communication No</i>	10.208.7.149	
<i>Export/ATMS Source</i>	MesoAtmo.dat & MesoRoad.dat	

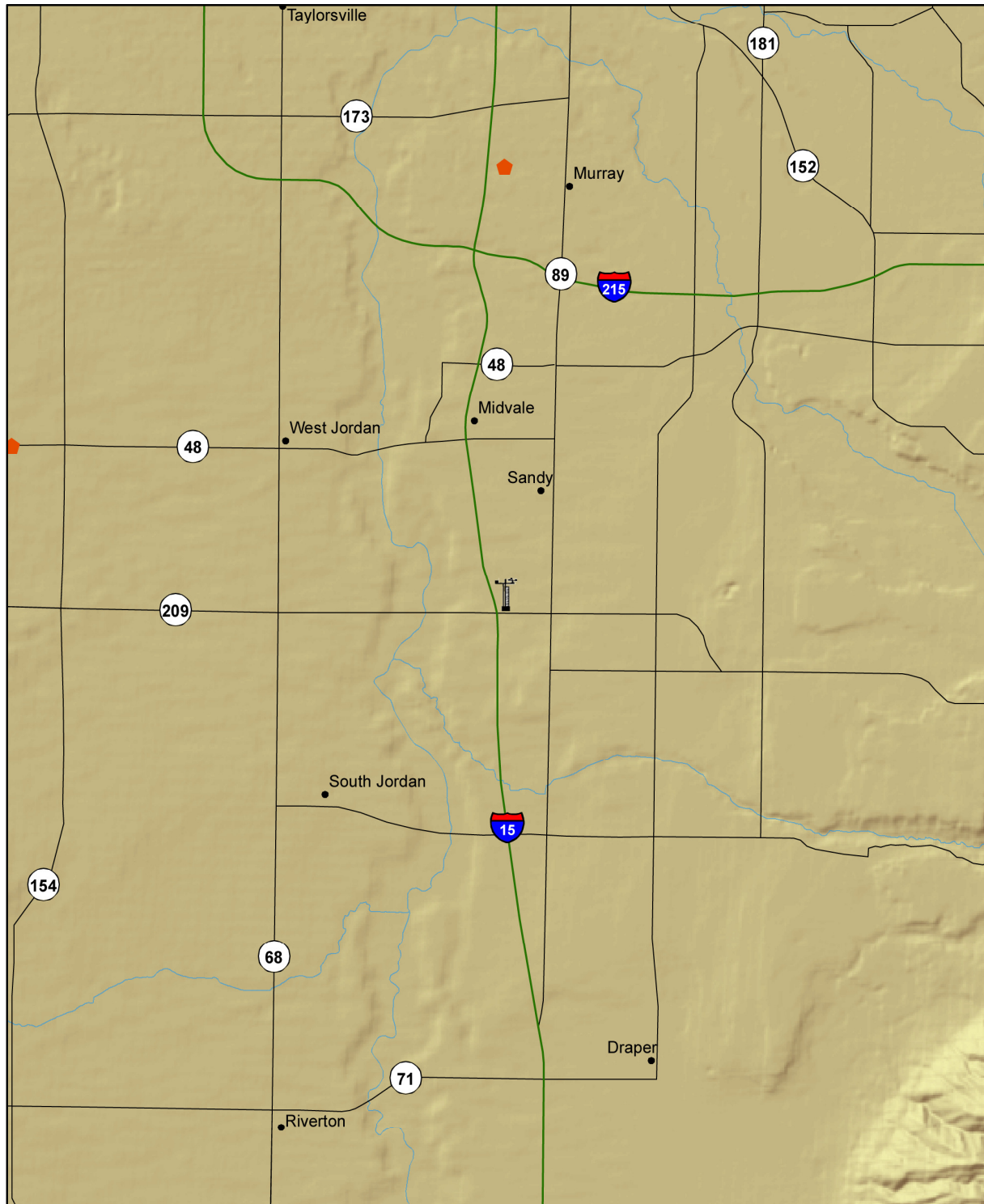
## Comments

Upgraded to CSI 2007

## Site Description

Urban area. Grass around the RWIS. No obstructions

# I-15 @ 9000 S



RWIS



Maintenance Station



Interstate



Major Road



# I-15 @ 14700 S

## Identification

<i>Route</i>	15	<i>Longitude</i>	-111.9049
<i>Mile Post</i>	287.63	<i>Latitude</i>	40.4754
<i>Region</i>	2	<i>Elevation (ft)</i>	4679
<i>Mesowest ID:</i>	ut7		
<i>Access</i>	NB shoulder		

## Instrumentation

<i>Device Type</i>	CSI
<i>Anemometer</i>	RMYoung
<i>Air/Rel Humidity</i>	HMP45C
<i>Precipitation</i>	DRD11A
<i>Camera:</i>	None
<i>Sub-grade Temp:</i>	107
<i>Road Sensors:</i>	<i>No of Sensors</i> 1
	<i>Type of Sensors</i> Lufft
<i>Power Source</i>	Hard Line



## Communication

<i>Com to Site</i>	Fiber
<i>Communication No</i>	10.212.6.162
<i>Export/ATMS Source</i>	MesoAtmo.dat & MesoRoad.dat

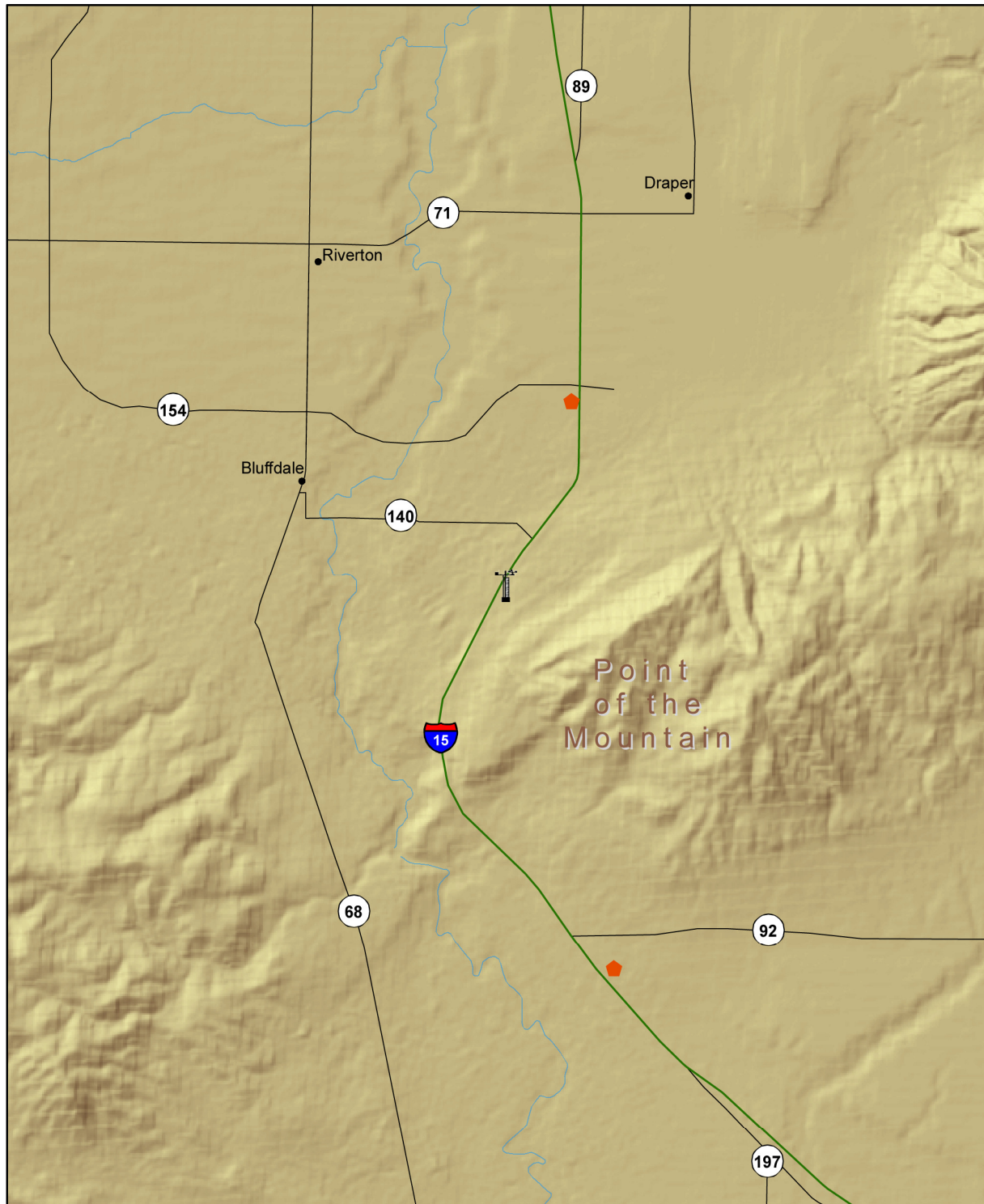
## Comments





Upgraded to CSI 8/20/08.

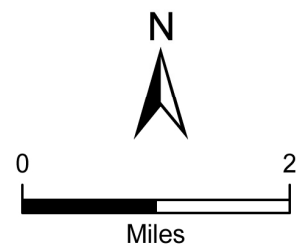
## Site Description

Approaching the point of the mountain. Grass and brush covered hillside

# I-15 @ 14700 S



-  RWIS
-  Maintenance Station
-  Interstate
-  Major Road



# I-15 @ Point of the Mtn

## Identification

<i>Route</i>	15	<i>Longitude</i>	-111.9116
<i>Mile Post</i>	285.73	<i>Latitude</i>	40.4497
<i>Region</i>	3	<i>Elevation (ft)</i>	4795
<i>Mesowest ID:</i>	utalp		
<i>Access</i>	From E frontage road over a barbed wire fence or from NB shoulder up a steep hill		

## Instrumentation

<i>Device Type</i>	CSI	
<i>Anemometer</i>	RM Young	
<i>Air/Rel Humidity</i>	HMP45C	
<i>Precipitation</i>	DRD11A	
<i>Camera:</i>	None	
<i>Sub-grade Temp:</i>	107	
<i>Road Sensors:</i>	<i>No of Sensors</i>	1
	<i>Type of Sensors</i>	Lufft
<i>Power Source</i>	Hard Line	



## Communication

<i>Com to Site</i>	Fiber	
<i>Communication No</i>	10.212.6.226	
<i>Export/ATMS Source</i>	MesoAtmo.dat & MesoRoad.dat	

## Comments

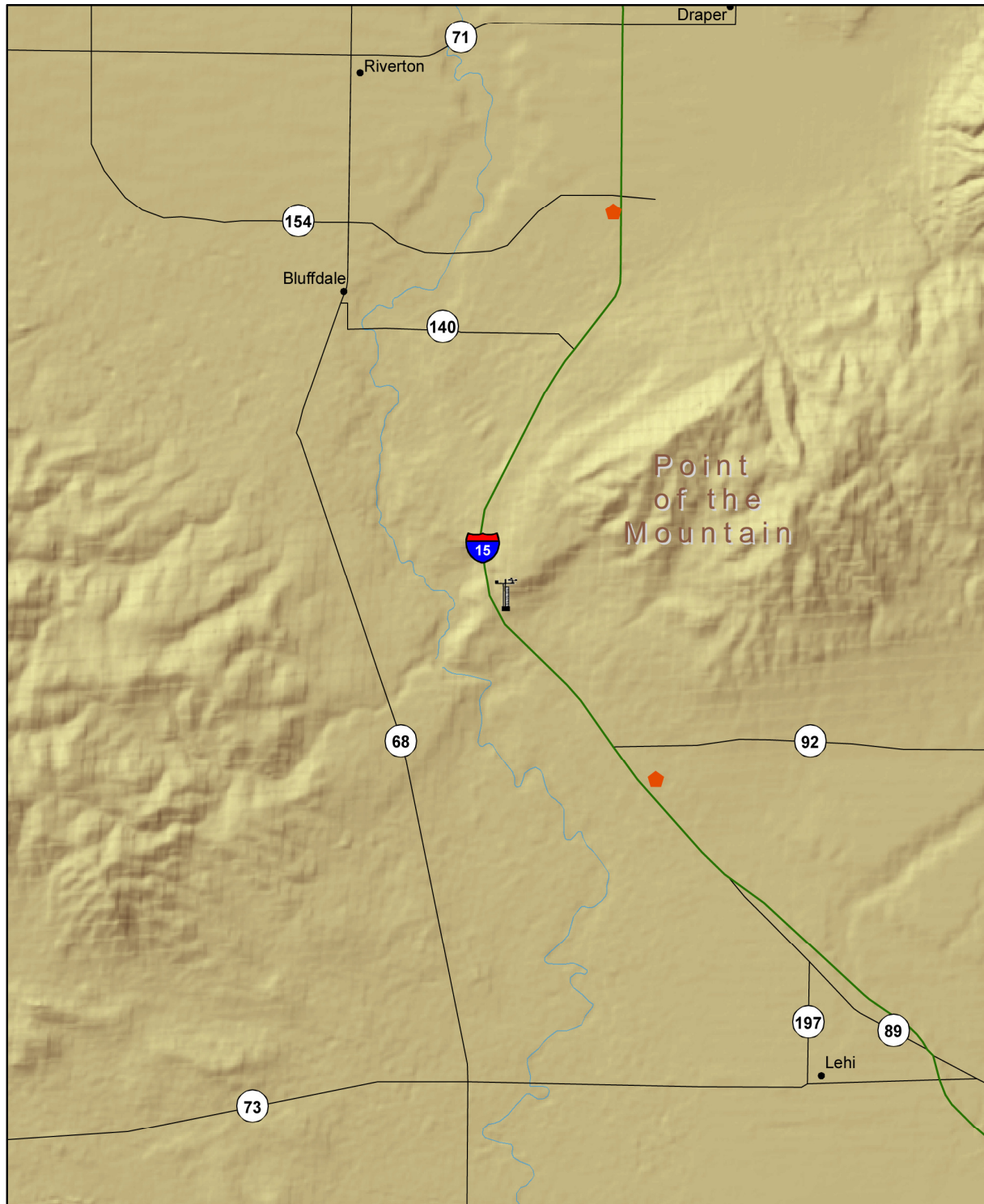
Upgraded from SSI to CSI on 7/14/08





## Site Description

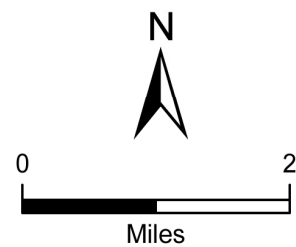
At the point of the mountain on the Utah County side



# I-15 @ Point of the Mountain



-  RWIS
-  Maintenance Station
-  Interstate
-  Major Road



# I-15 @ Provo Center St

## Identification

*Route* 15  
*Mile Post* 265.76  
*Region* 3  
*Mesowest ID:* utpvo  
*Access* NB on ramp on the left hand side

*Longitude* -111.6860  
*Latitude* 40.2358  
*Elevation (ft)* 4530

## Instrumentation

*Device Type* CSI  
*Anemometer* RM Young  
*Air/Rel Humidity* HMP45C  
*Precipitation* DRD11A  
*Camera:* None  
*Sub-grade Temp:* 107  
*Road Sensors:* *No of Sensors* 1  
*Type of Sensors* Lufft  
*Power Source* Solar



## Communication

*Com to Site* Ravin CDMA  
*Communication No* 166.161.134.160  
*Export/ATMS Source* MesoAtmo.dat & MesoRoad.dat

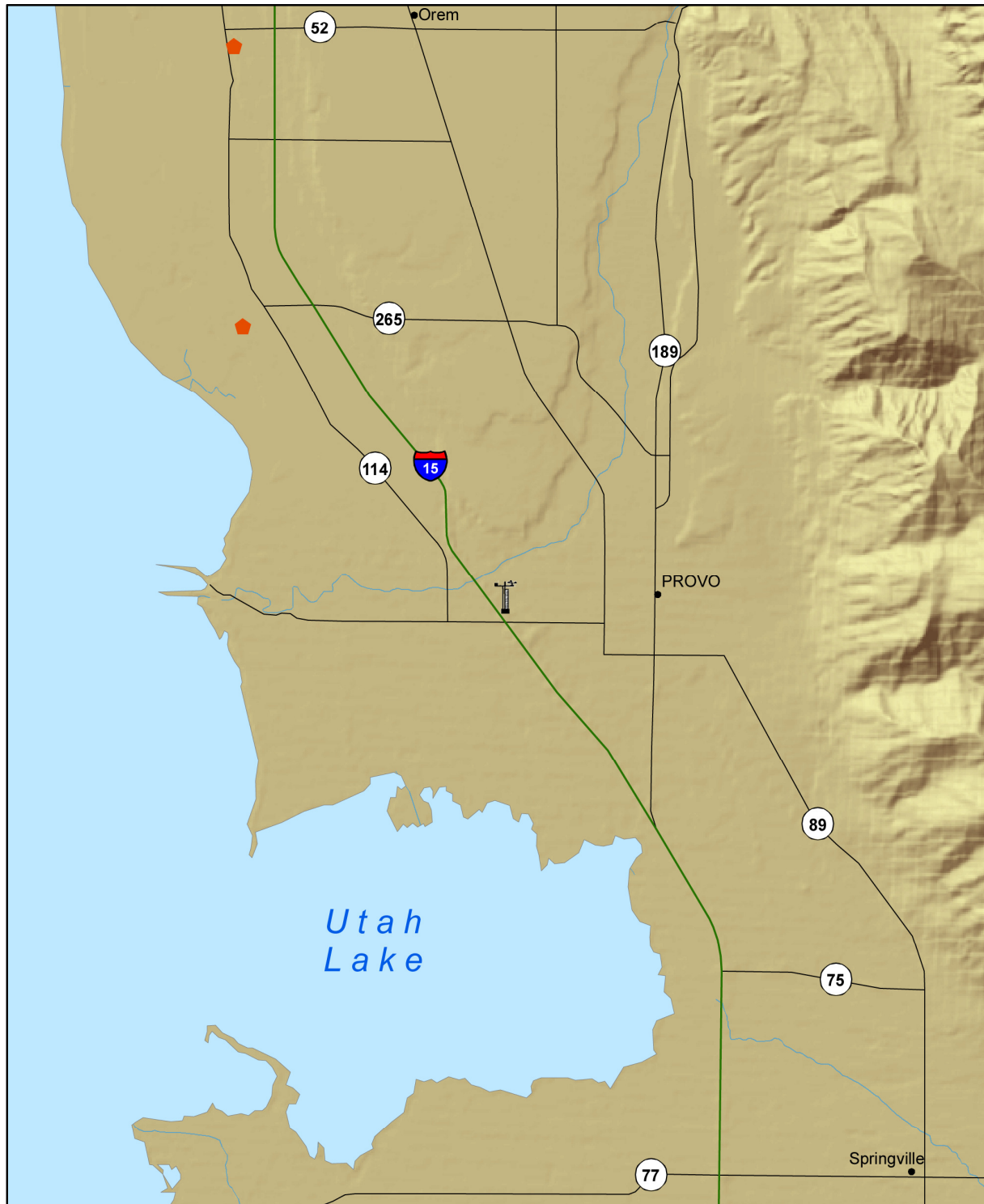
## Comments

Upgraded from SSI to CSI on 7/14/08

## Site Description

Urban surroundings. Grass.  
Mountains to the East. Lake to the West

# I-15 @ Provo Center St.



RWIS



Maintenance Station



Interstate



Major Road



Miles

# I-15 @ Sevier River

## Identification

<i>Route</i>	15	<i>Longitude</i>	-112.0517
<i>Mile Post</i>	200.10	<i>Latitude</i>	39.4097
<i>Region</i>	4	<i>Elevation (ft)</i>	4942
<i>Mesowest ID:</i>	ut26		
<i>Access</i>	Just north of bridge over Seveir River. In the median but access from NB is probably easier		

## Instrumentation

<i>Device Type</i>	CSI	
<i>Anemometer</i>	RMYoung	
<i>Air/Rel Humidity</i>	HMP45C	
<i>Precipitation</i>	DRD11A	
<i>Camera:</i>	CC640	
<i>Sub-grade Temp:</i>	No	
<i>Road Sensors:</i>	<i>No of Sensors</i>	0
	<i>Type of Sensors</i>	
<i>Power Source</i>	Solar	4 panel



## Communication

<i>Com to Site</i>	Blue-Tree
<i>Communication No</i>	166.154.68.86
<i>Export/ATMS Source</i>	MesoAtmo.dat & MesoRoad.dat

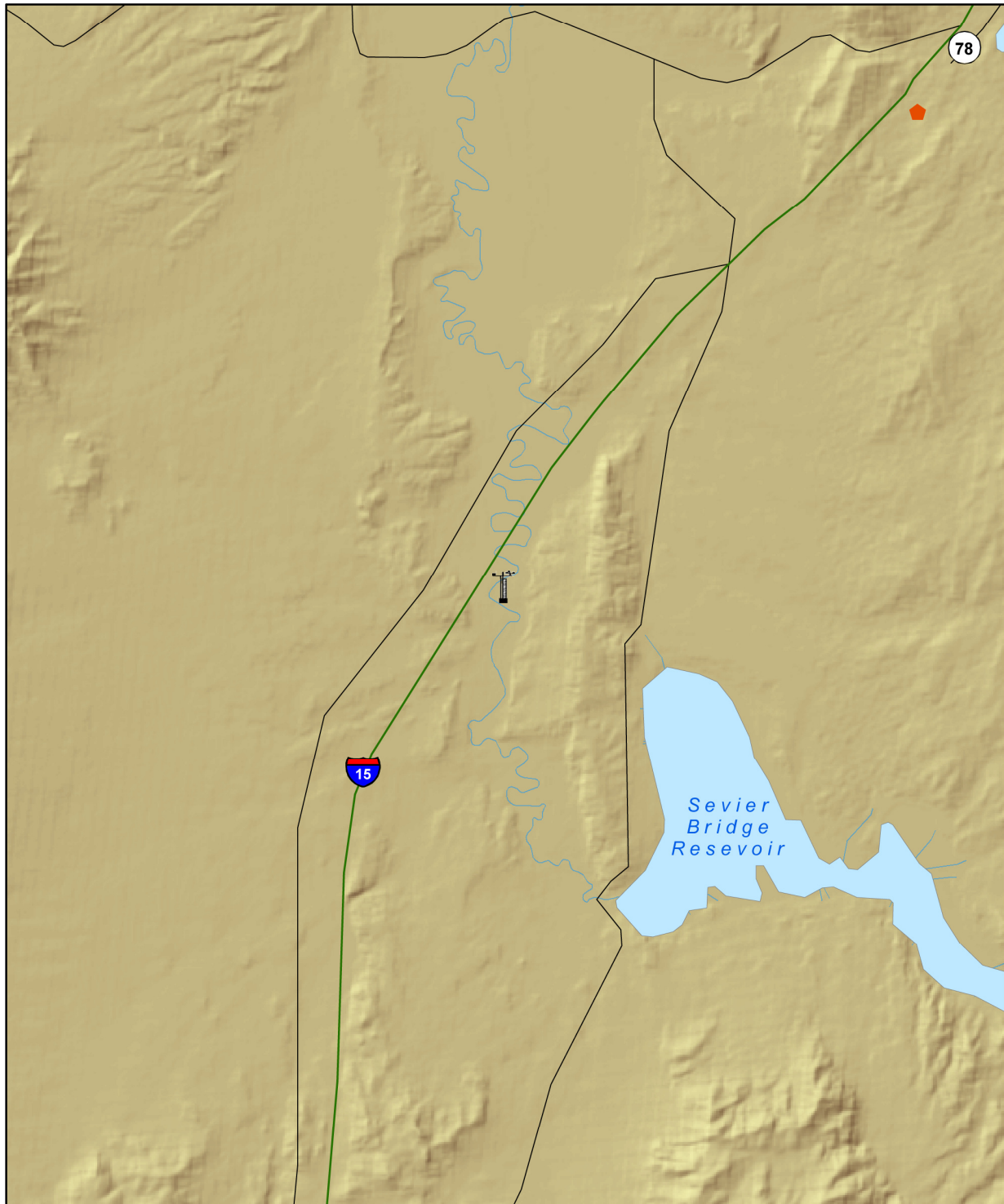
## Comments

Vaisala to CSI integration  
11/15/08. Upgraded to CSI  
07/16/09.

## Site Description

River to the south. Grass, dirt, and shrubs in surrounding area.

# I-15 @ Sevier River



RWIS



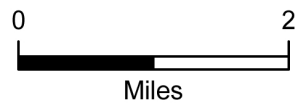
Maintenance Station



Interstate



Major Road



# I-15 @ Scipio Summit

## Identification

**Route** 15  
**Mile Post** 183.64  
**Region** 4  
**Mesowest ID:** utsci  
**Access** SB off ramp from Exit 184 (Ranch Exit)

**Longitude** -112.1734  
**Latitude** 39.2033  
**Elevation (ft)** 5959

## Instrumentation

**Device Type** CSI  
**Anemometer** RM Young  
**Air/Rel Humidity** HMP45C  
**Precipitation** DRD11A  
**Camera:** CC640  
**Sub-grade Temp:** 107  
**Road Sensors:** *No of Sensors* 1  
*Type of Sensors* Lufft  
**Power Source** Solar



## Communication

**Com to Site** Blue-Tree  
**Communication No** 166.154.68.105  
**Export/ATMS Source** MesoAtmo.dat & MesoRoad.dat

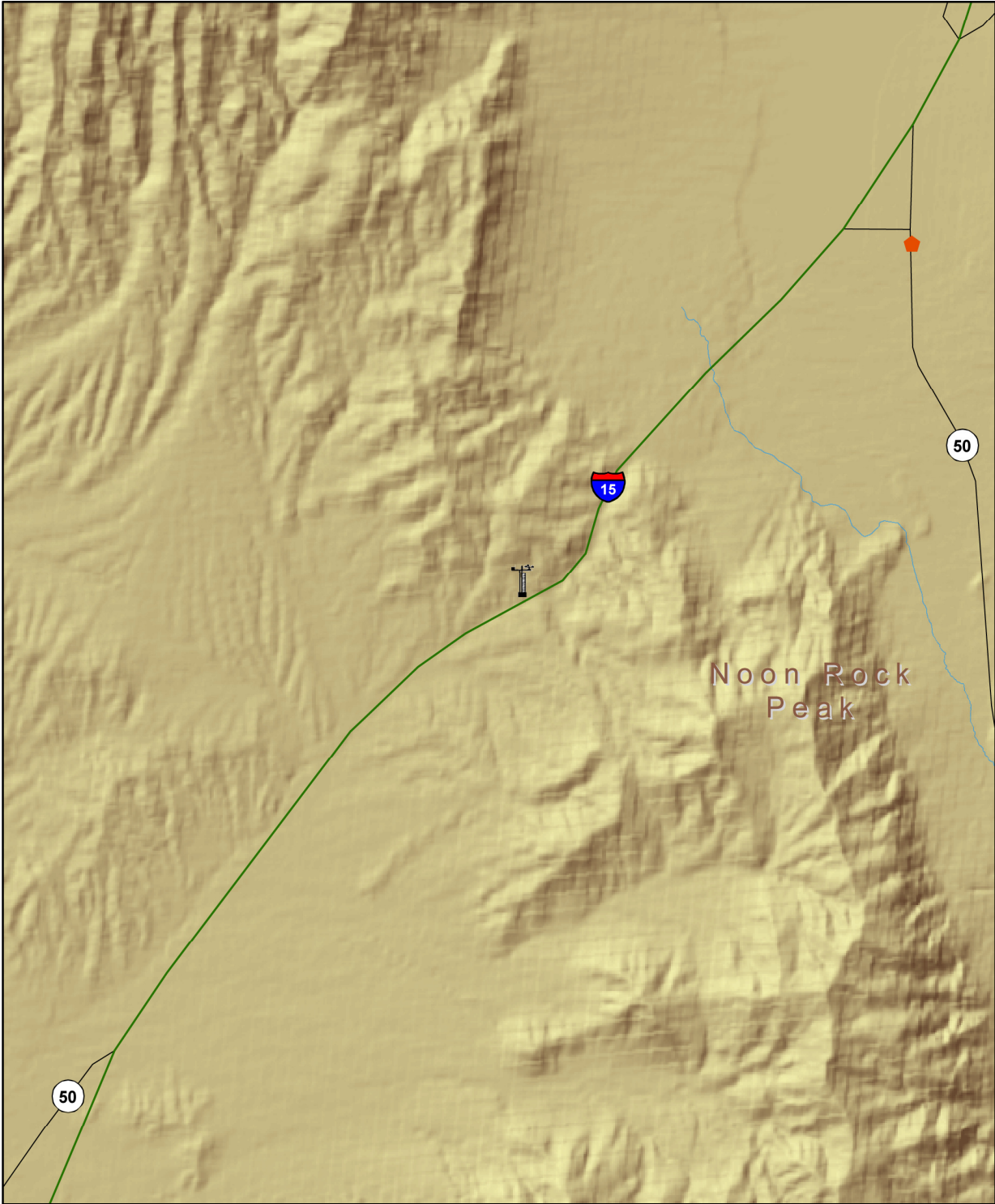
## Comments

Upgraded from SSI to CSI 7/16/08

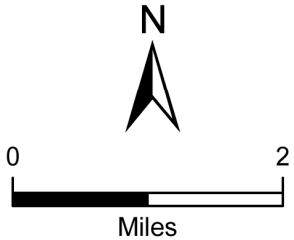
## Site Description

Hill country. RWIS at a hill summit.  
Grass, brush, and trees in the area

# I-15 @ Scipio Summit



-  RWIS
-  Maintenance Station
-  Interstate
-  Major Road



# I-15 @ Dog Valley

## Identification

*Route* 15  
*Mile Post* 136.26  
*Region* 4  
*Mesowest ID:* utdog  
*Access* SB shoulder at rest stop onramp

*Longitude* -112.6101  
*Latitude* 38.6358  
*Elevation (ft)* 6167

## Instrumentation

*Device Type* CSI  
*Anemometer* RM Young  
*Air/Rel Humidity* HMP45C  
*Precipitation* DRD11A  
*Camera:* CC640  
*Sub-grade Temp:* 107  
*Road Sensors:* *No of Sensors* 1  
*Type of Sensors* Lufft  
*Power Source* Hard Line



## Communication

*Com to Site* Blue-Tree  
*Communication No* 166.241.179.173  
*Export/ATMS Source* MesoAtmo.dat & MesoRoad.dat

## Comments

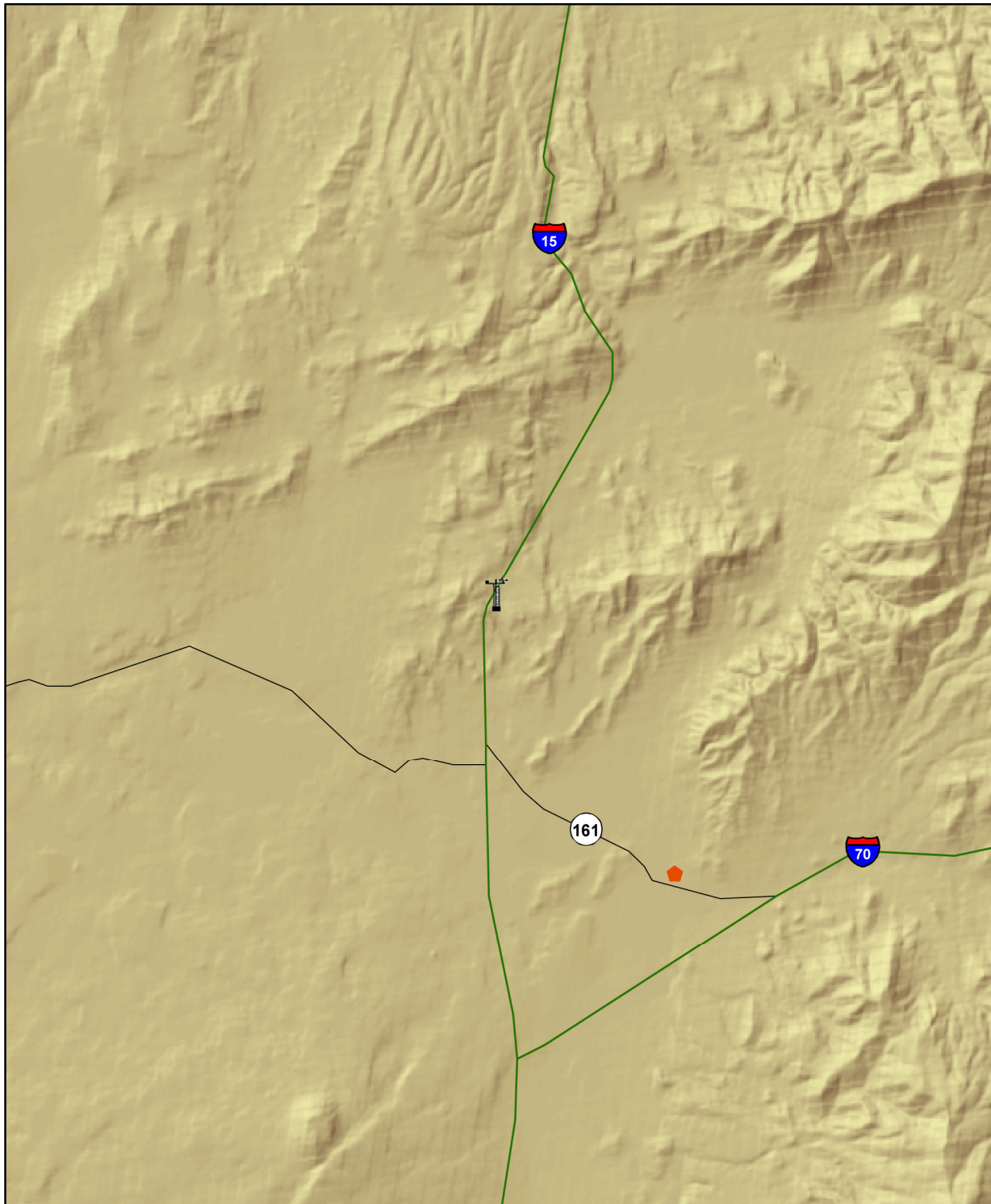
Fire burned many sensors in 2007. Upgraded to Campbell after the fire.





## Site Description

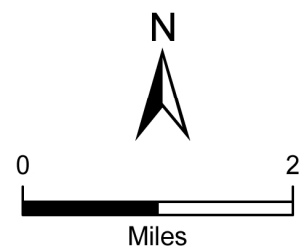
Located as I-15 goes over a steep hill. Tree and brush covered slopes to the East and West



# I-15 @ Dog Valley



-  RWIS
-  Maintenance Station
-  Interstate
-  Major Road



# I-15 @ Black Ridge

---

## Identification

**Route** 15  
**Mile Post** 42.20  
**Region** 4  
**Mesowest ID:** utblk  
**Access** NB onramp at Exit 43 (towards New Harmony) on left hand side.

**Longitude** -113.2200  
**Latitude** 37.4821  
**Elevation (ft)** 5196

## Instrumentation

**Device Type** CSI  
**Anemometer** RM Young  
**Air/Rel Humidity** HMP45C  
**Precipitation** DRD11A  
**Camera:** (2) CC640  
**Sub-grade Temp:** 107  
**Road Sensors:** *No of Sensors* 1  
*Type of Sensors* Lufft  
**Power Source** Hard Line



## Communication

**Com to Site** Hard dial  
**Communication No** 435-867-5985  
**Export/ATMS Source** MesoAtmo.dat & MesoRoad.dat

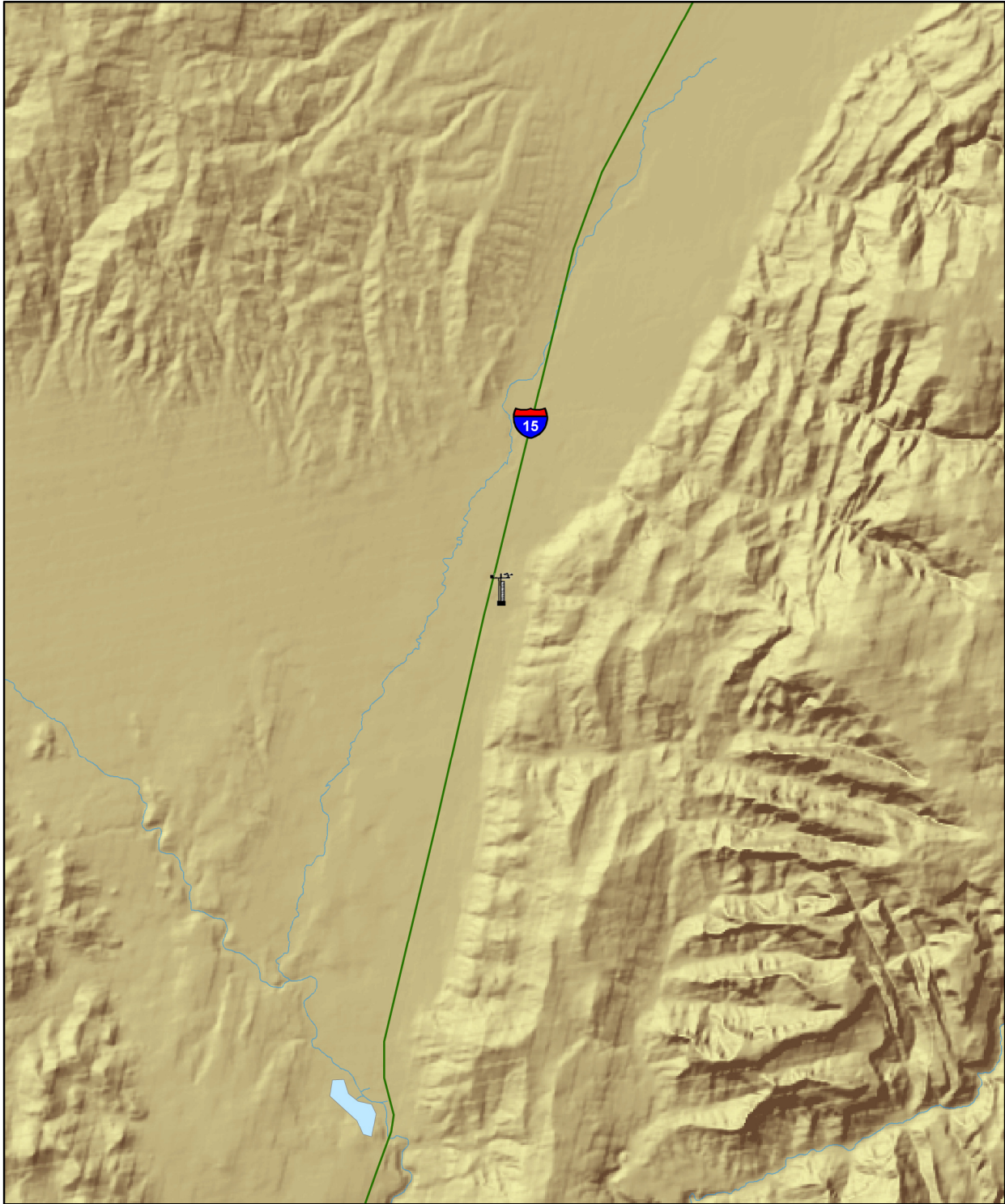
## Comments





Upgraded from SSI to CSI 7/16/08

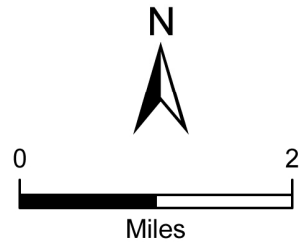
## Site Description

Very grassy. A line of hills to the East.

# I-15 @ Black Ridge



-  RWIS
-  Maintenance Station
-  Interstate
-  Major Road



# I-70 @ Clear Creek

---

## Identification

*Route* 70  
*Mile Post* 7.48  
*Region* 4  
*Mesowest ID:* CCS  
*Access* WB shoulder just as Exit 7 (Ranch Exit) on ramp merges onto freeway

*Longitude* -112.4940  
*Latitude* 38.5912  
*Elevation (ft)* 7188

## Instrumentation

*Device Type* CSI  
*Anemometer* RM Young  
*Air/Rel Humidity* HMP45C  
*Precipitation* DRD11A  
*Camera:* CC640  
*Sub-grade Temp:* Yes  
*Road Sensors:* *No of Sensors* 1  
*Type of Sensors* Lufft  
*Power Source* Solar



## Communication

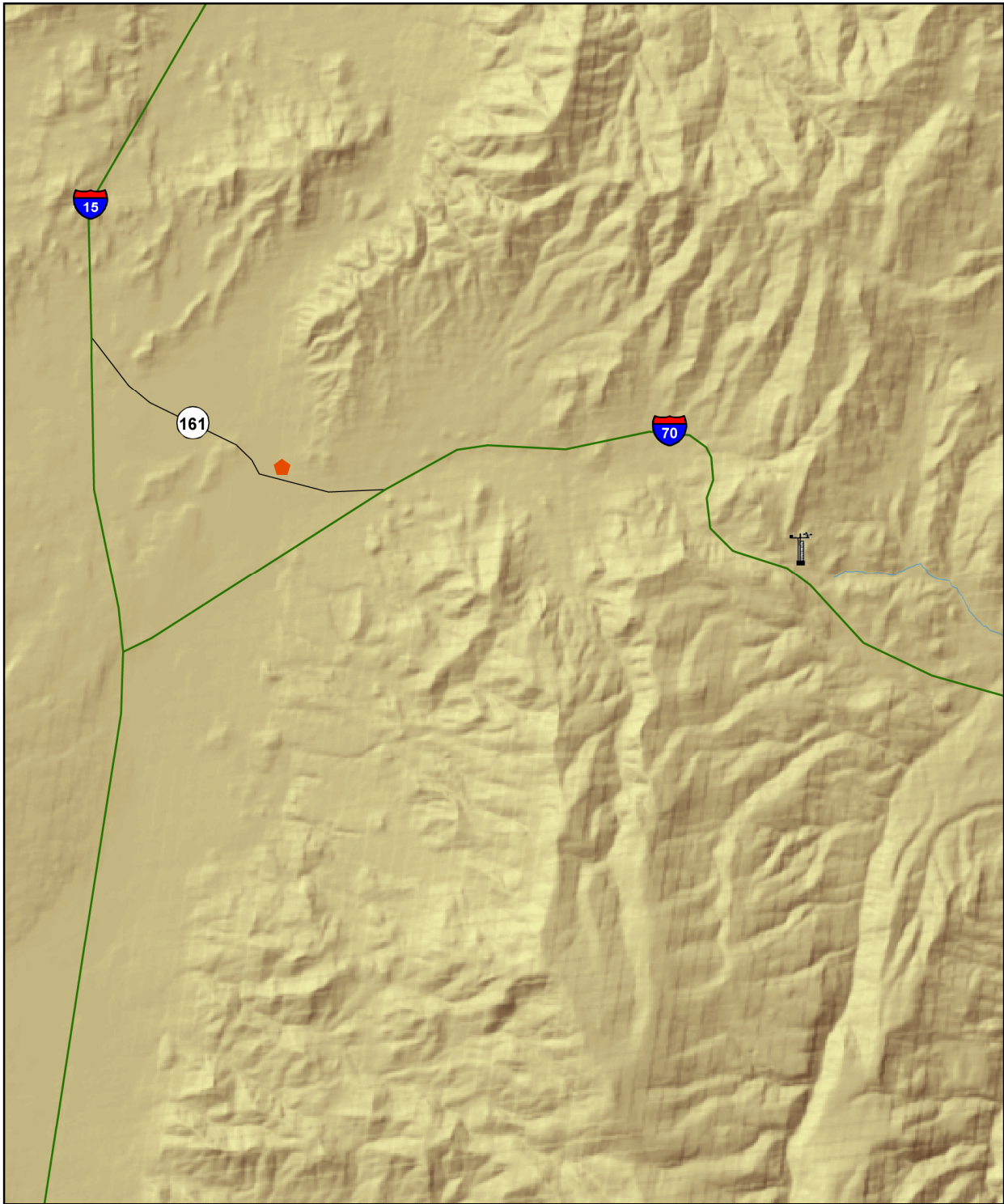
*Com to Site* Blue-Tree  
*Communication No* 166.154.68.93  
*Export/ATMS Source* MesoAtmo.dat & MesoRoad.dat





## Comments

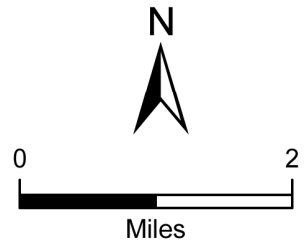
## Site Description

Mountain pass with brush and trees covering the surrounding slopes

# I-70 @ Clear Creek



-  RWIS
-  Maintenance Station
-  Interstate
-  Major Road



# I-70 @ Fremont Jct

---

## Identification

*Route* 70  
*Mile Post* 93.02  
*Region* 4  
*Mesowest ID:* fre  
*Access* WB shoulder

*Longitude* -111.3166  
*Latitude* 38.7787  
*Elevation (ft)* 6537

## Instrumentation

*Device Type* CSI  
*Anemometer* RM Young  
*Air/Rel Humidity* HMP45C  
*Precipitation* DRD11A  
*Camera:* CC640  
*Sub-grade Temp:* Yes  
*Road Sensors:* *No of Sensors* 1  
*Type of Sensors* Lufft  
*Power Source* Solar



## Communication

*Com to Site* Blue-Tree  
*Communication No* 166.161.134.155  
*Export/ATMS Source* MesoAtmo.dat & MesoRoad.dat

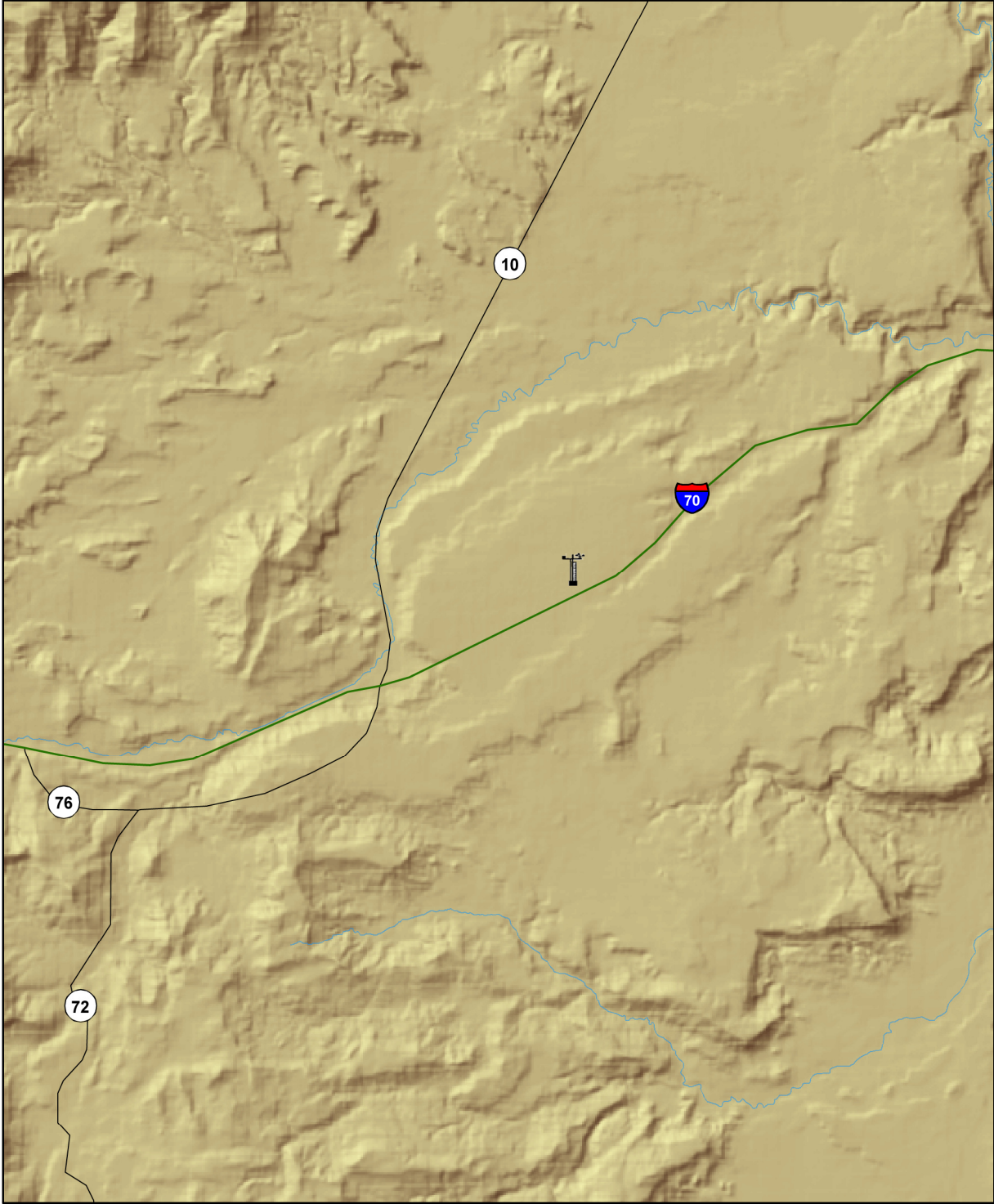
## Comments





Upgraded to Campbell in 2006.

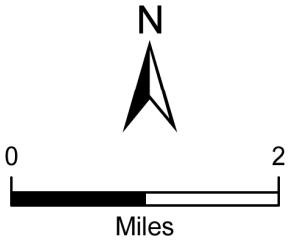
## Site Description

Open flatland. Grass and brush.

# I-70 @ Freemont Jct



-  RWIS
-  Maintenance Station
-  Interstate
-  Major Road



# I-70 @ Ghost Rocks

## Identification

**Route** 70  
**Mile Post** 123.17  
**Region** 4  
**Mesowest ID:** gho  
**Access** EB shoulder just after rest stop/view area. Located just as rest stop on ramp merges with freeway. Hid behind crest of a hill

**Longitude** -110.8061  
**Latitude** 38.8658  
**Elevation (ft)** 7400

## Instrumentation

**Device Type** CSI  
**Anemometer** RM Young  
**Air/Rel Humidity** HMP45C  
**Precipitation** DRD11A  
**Camera:** CC640  
**Sub-grade Temp:** 107  
**Road Sensors:** *No of Sensors* 1  
*Type of Sensors* Lufft  
**Power Source** Solar



## Communication

**Com to Site** Blue-Tree  
**Communication No** 166.161.134.156  
**Export/ATMS Source** MesoAtmo.dat & MesoRoad.dat

## Comments

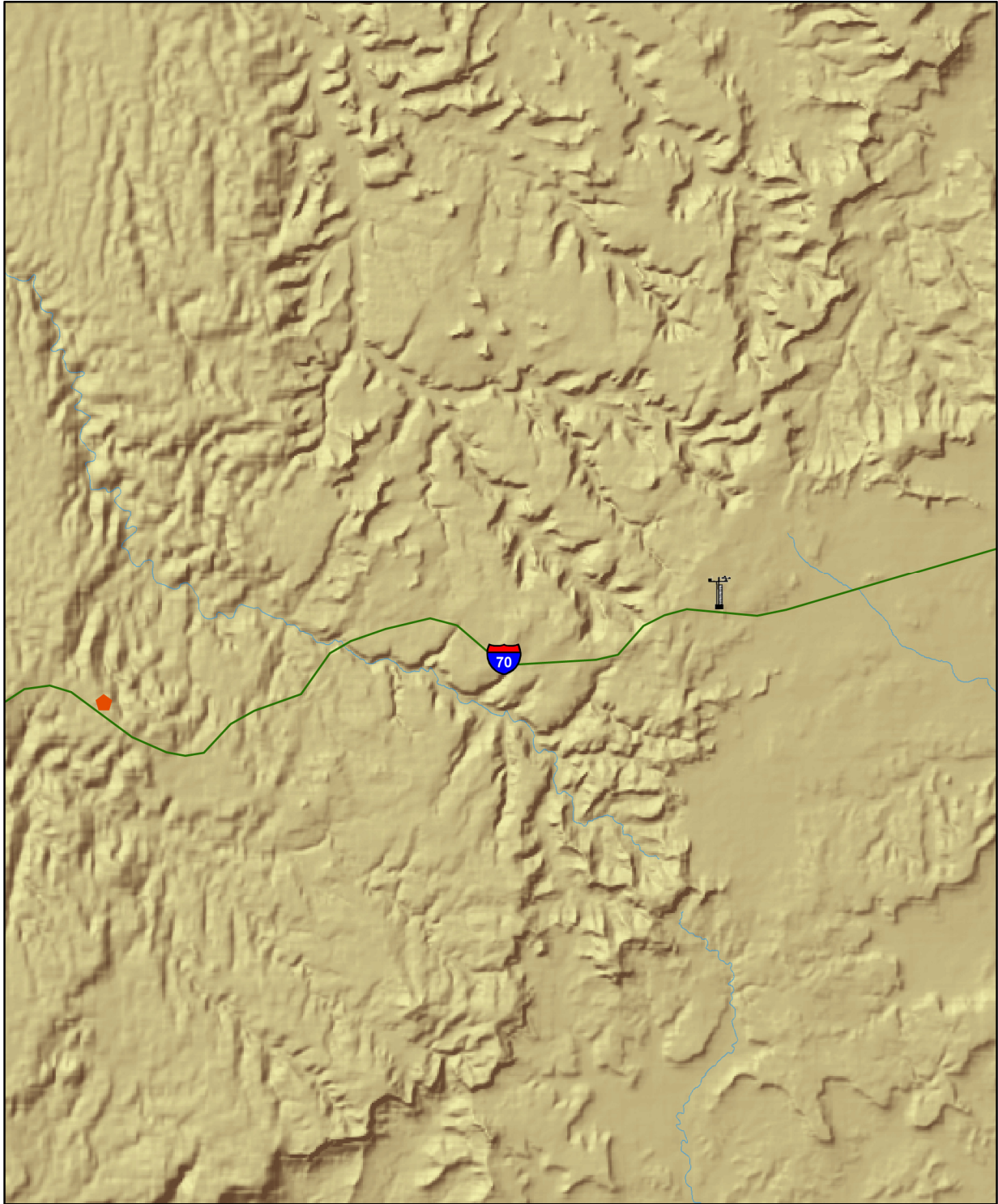
Upgraded to Campbell in 2006



## Site Description

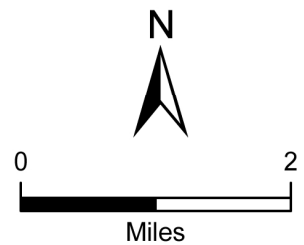
Brush and trees. On a high pass between valleys. Rocks shelf on its immediate west side of RWIS



# I-70 @ Ghost Rocks



-  RWIS
-  Maintenance Station
-  Interstate
-  Major Road



# I-70 @ Rattlesnake Bench

## Identification

*Route* 70  
*Mile Post* 137.07  
*Region* 4  
*Mesowest ID:* rtb  
*Access* WB shoulder about 30 yards from road

*Longitude* -110.5620  
*Latitude* 38.9037  
*Elevation (ft)* 6468

## Instrumentation

*Device Type* CSI  
*Anemometer* RM Young  
*Air/Rel Humidity* HMP45C  
*Precipitation* DRD11A  
*Camera:* CC640  
*Sub-grade Temp:* Yes  
*Road Sensors:* *No of Sensors* 1  
*Type of Sensors* Lufft  
*Power Source* Solar



## Communication

*Com to Site* Blue-Tree  
*Communication No* 166.154.68.80  
*Export/ATMS Source* MesoAtmo.dat & MesoRoad.dat

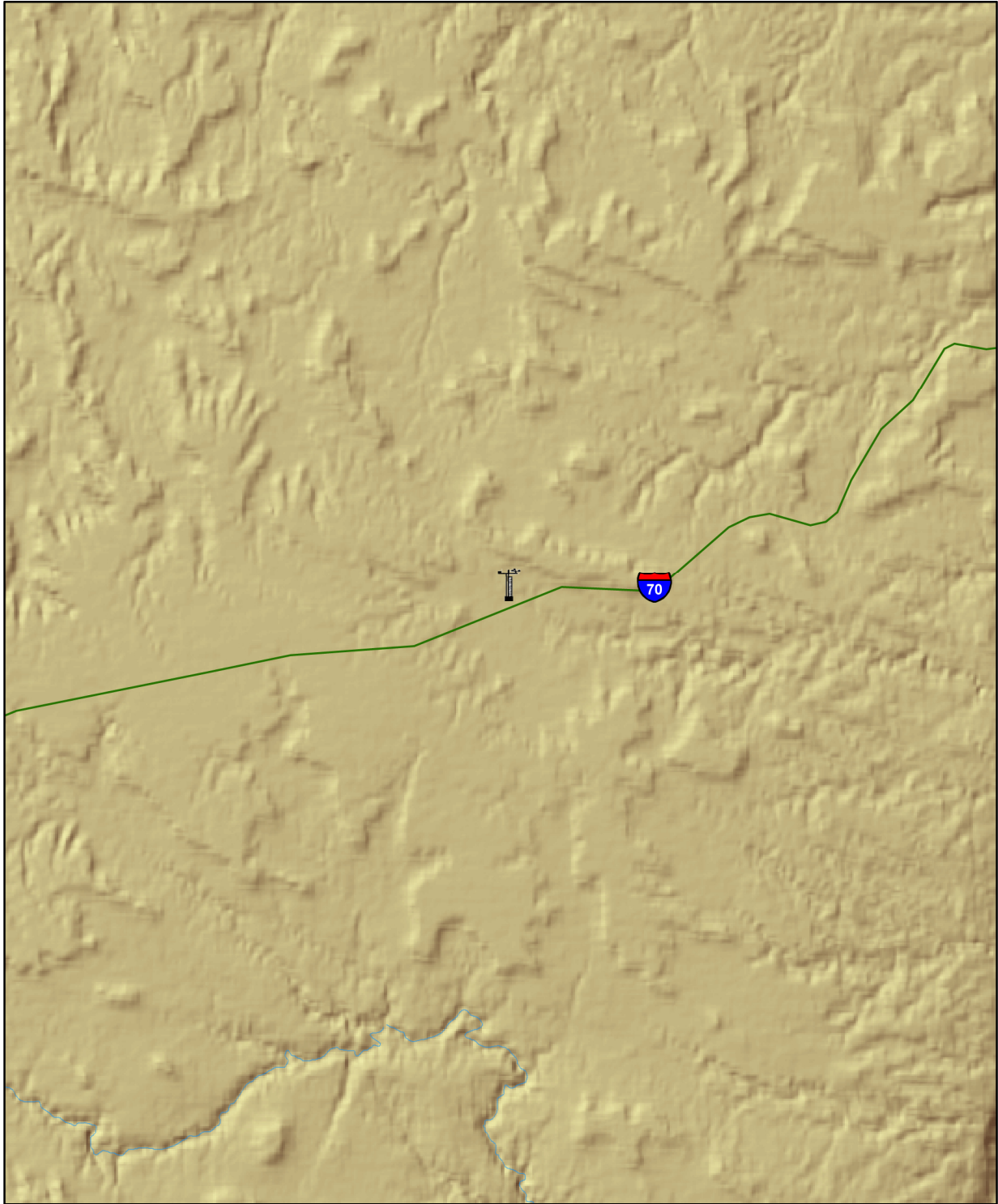
## Comments





Upgraded to Campbell in 2006.

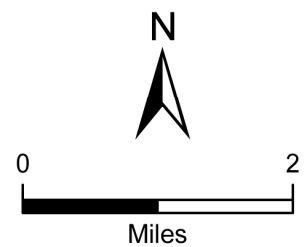
## Site Description

Brush land, no obstructions

# I-70 @ Rattlesnake Bench



-  RWIS
-  Maintenance Station
-  Interstate
-  Major Road



# 1-80 @ mp 1

## Identification

<i>Route</i>	80	<i>Longitude</i>	-114.0221
<i>Mile Post</i>	1.00	<i>Latitude</i>	40.7450
<i>Region</i>	2	<i>Elevation (ft)</i>	4270
<i>Mesowest ID:</i>	ut32		
<i>Access</i>	Westbound shoulder.		

## Instrumentation

<i>Device Type</i>	CSI		
<i>Anemometer</i>	RM Young		
<i>Air/Rel Humidity</i>	HMP45C		
<i>Precipitation</i>	None		
<i>Camera:</i>	CC640		
<i>Sub-grade Temp:</i>	None		
<i>Road Sensors:</i>	<i>No of Sensors</i>	0	
	<i>Type of Sensors</i>	None	
<i>Power Source</i>	Solar	80 W	2 - 12 volt



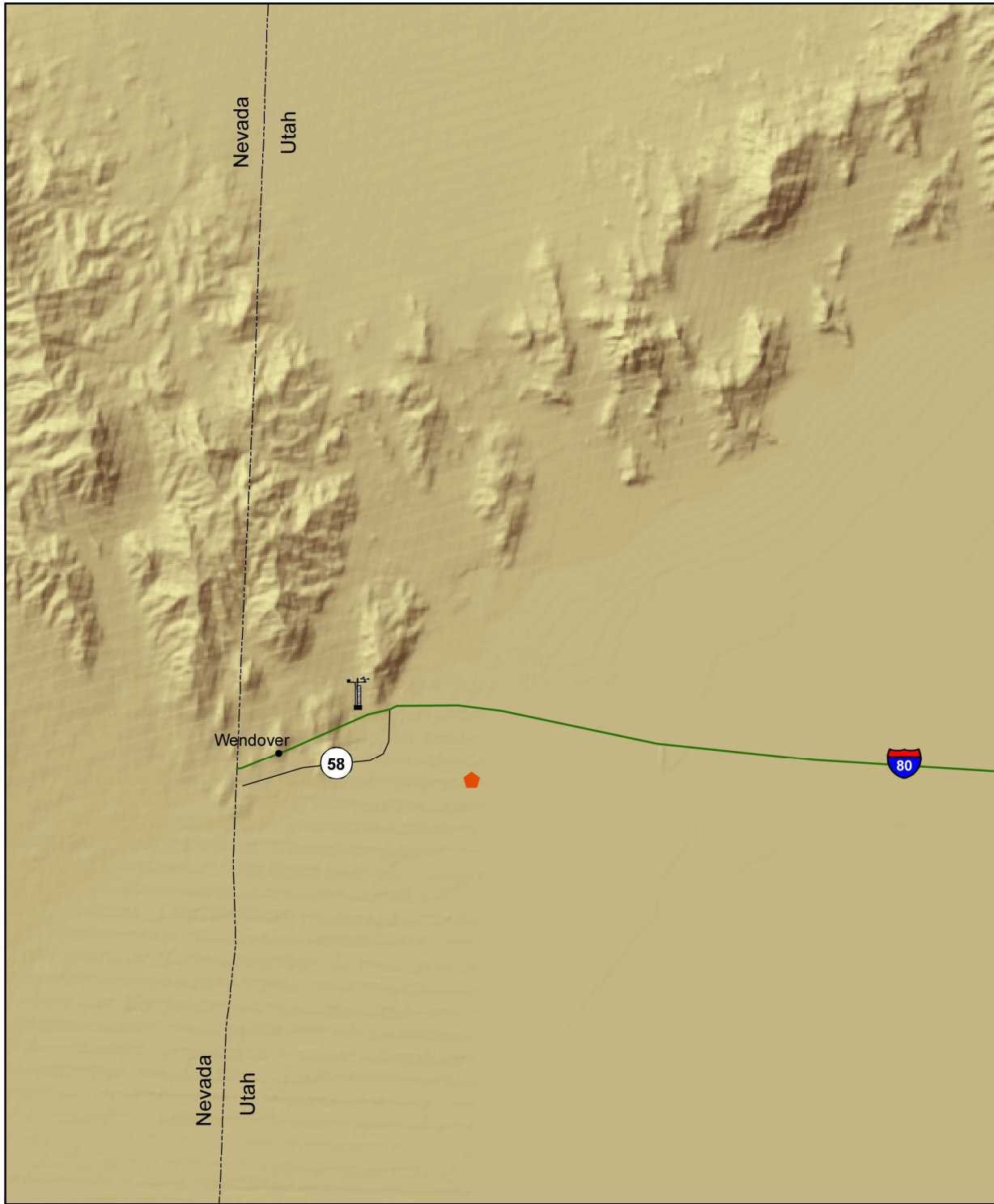
## Communication





<i>Com to Site</i>	Blue-Tree
<i>Communication No</i>	166.241.189.3
<i>Export/ATMS Source</i>	MesoAtmo.dat

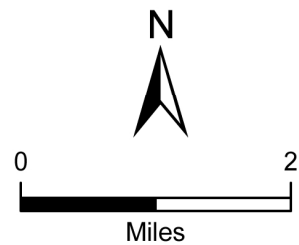
## Site Description

## Comments

# I-80 @ mp 1



-  RWIS
-  Maintenance Station
-  Interstate
-  Major Road



# I-80 @ Wendover POE

---

## Identification

<i>Route</i>	80	<i>Longitude</i>	-113.9910
<i>Mile Post</i>		<i>Latitude</i>	40.7500
<i>Region</i>	2	<i>Elevation (ft)</i>	4227
<i>Mesowest ID:</i>	wpoe		
<i>Access</i>	Exit at the Wendover POE heading westbound.		

## Instrumentation

<i>Device Type</i>	CSI		
<i>Anemometer</i>	RM Young		
<i>Air/Rel Humidity</i>	HMP45C		
<i>Precipitation</i>	DRD11A		
<i>Camera:</i>	CC640		
<i>Sub-grade Temp:</i>	107		
<i>Road Sensors:</i>	<i>No of Sensors</i>	0	
	<i>Type of Sensors</i>	None	
<i>Power Source</i>	Hard Line		

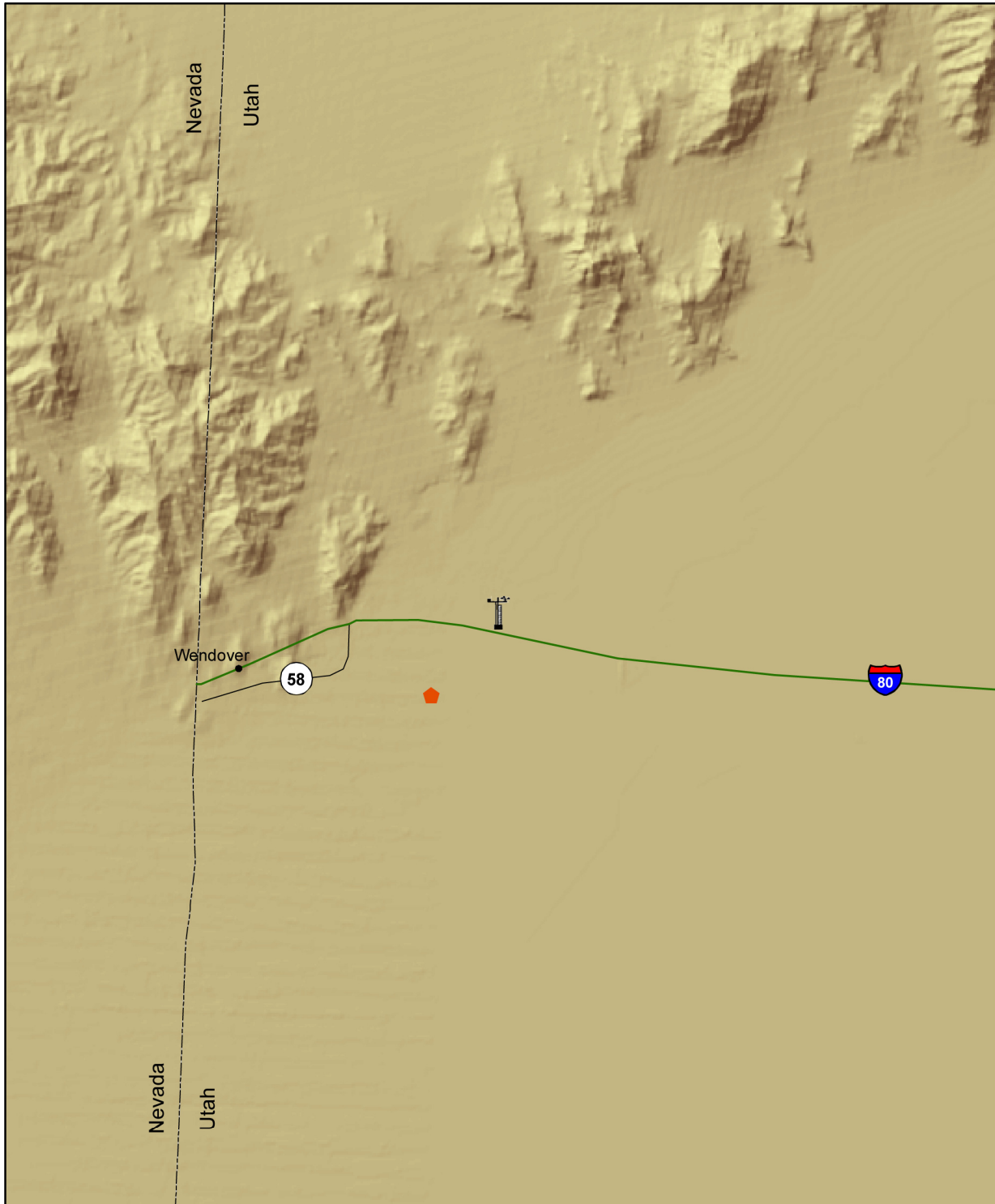
## Communication





<i>Com to Site</i>	Fiber
<i>Communication No</i>	168.178.119.43
<i>Export/ATMS Source</i>	MesoAtmo.dat

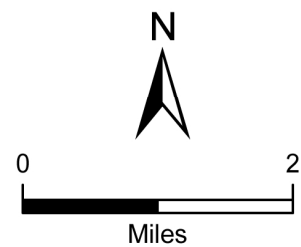
## Comments

## Site Description

# I-80 @ Wendover POE



-  RWIS
-  Maintenance Station
-  Interstate
-  Major Road



# 1-80 @ mp 29

## Identification

<i>Route</i>	80	<i>Longitude</i>	-113.4992
<i>Mile Post</i>	29.00	<i>Latitude</i>	40.7313
<i>Region</i>	2	<i>Elevation (ft)</i>	4223
<i>Mesowest ID:</i>			
<i>Access</i>	Median.		

## Instrumentation

<i>Device Type</i>	CSI
<i>Anemometer</i>	RM Young
<i>Air/Rel Humidity</i>	HMP45C
<i>Precipitation</i>	None
<i>Camera:</i>	CC640
<i>Sub-grade Temp:</i>	None
<i>Road Sensors:</i>	<i>No of Sensors</i> 0
	<i>Type of Sensors</i> None
<i>Power Source</i>	Solar 80 W 2 - 12 volt



## Communication

<i>Com to Site</i>	Blue-Tree
<i>Communication No</i>	166.154.68.101
<i>Export/ATMS Source</i>	Meso Atmo.dat

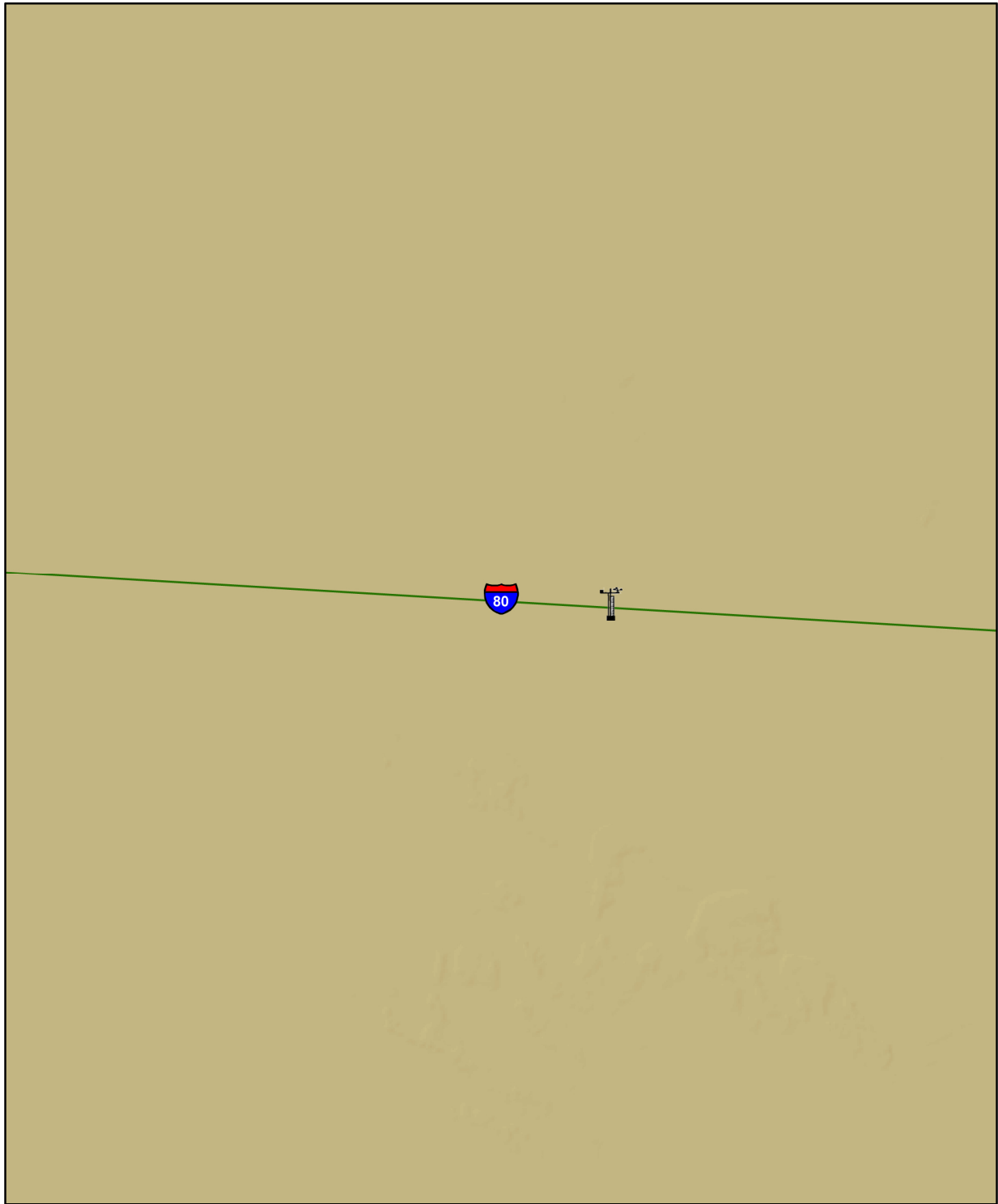
## Site Description





Wide open and flat terrain in the salt flats.

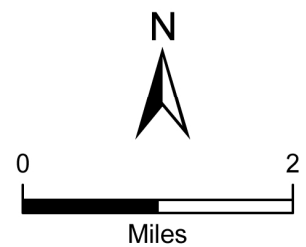
## Comments



# I-80 @ mp 29



-  RWIS
-  Maintenance Station
-  Interstate
-  Major Road



# I-80 @ Grassey

## Identification

<i>Route</i>	80	<i>Longitude</i>	-113.0104
<i>Mile Post</i>	54.82	<i>Latitude</i>	40.7616
<i>Region</i>	2	<i>Elevation (ft)</i>	4677
<i>Mesowest ID:</i>	utgrs		
<i>Access</i>	From rest stop on WB side. Between parking lot and WB lanes		

## Instrumentation

<i>Device Type</i>	CSI	
<i>Anemometer</i>	RM Young	
<i>Air/Rel Humidity</i>	HMP45C	
<i>Precipitation</i>	DRD11A	
<i>Camera:</i>	CC640	
<i>Sub-grade Temp:</i>	No	
<i>Road Sensors:</i>	<i>No of Sensors</i>	0
	<i>Type of Sensors</i>	None
<i>Power Source</i>	Hard Line	



## Communication

<i>Com to Site</i>	Blue-Tree
<i>Communication No</i>	166.154.68.102
<i>Export/ATMS Source</i>	MesoAtmo.dat

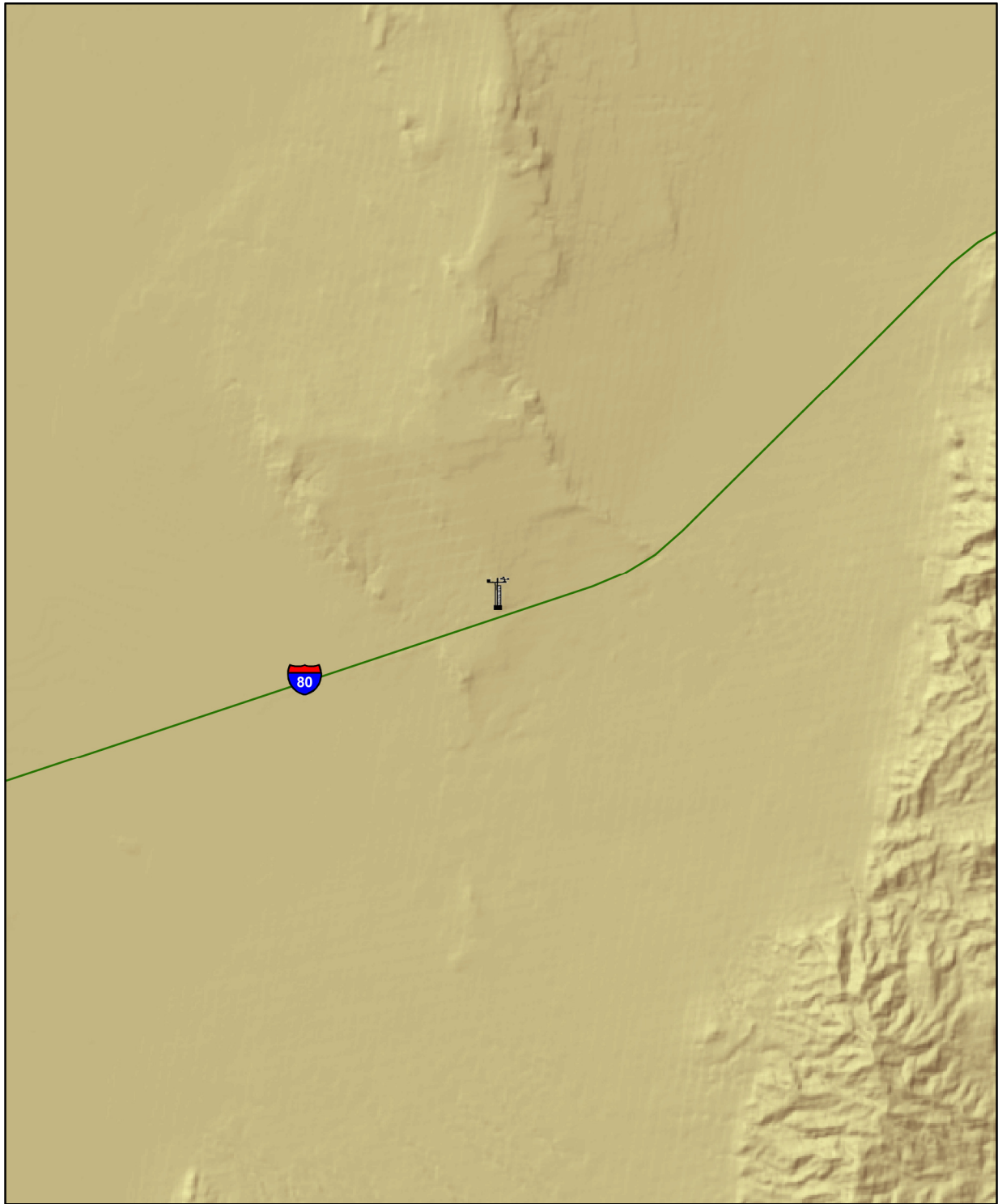
## Comments





Upgraded from SSI to CSI  
7/22/08. Has a GPS module.

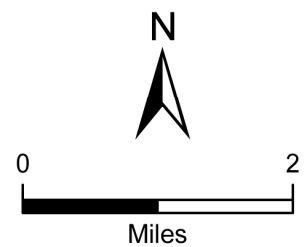
## Site Description

On a point of abutment overlooking I-80. Grass and shrubs

# I-80 @ Grassy



-  RWIS
-  Maintenance Station
-  Interstate
-  Major Road



# I-80 @ mp 78

---

## Identification

<i>Route</i>	80	<i>Longitude</i>	-112.6240
<i>Mile Post</i>	78.00	<i>Latitude</i>	40.7404
<i>Region</i>	2	<i>Elevation (ft)</i>	4213
<i>Mesowest ID:</i>	ut31		
<i>Access</i>	Interstate 80 in the median at mile post 78.		

## Instrumentation

<i>Device Type</i>	CSI		
<i>Anemometer</i>	RM Young		
<i>Air/Rel Humidity</i>	HMP45C		
<i>Precipitation</i>	None		
<i>Camera:</i>	CC640		
<i>Sub-grade Temp:</i>	None		
<i>Road Sensors:</i>	<i>No of Sensors</i>	0	
	<i>Type of Sensors</i>	None	
<i>Power Source</i>	Solar	80 W	2 12 volt

## Communication





<i>Com to Site</i>	Blue-Tree
<i>Communication No</i>	166.154.68.96
<i>Export/ATMS Source</i>	MesoAtmo.dat

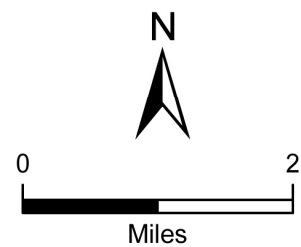
## Comments

## Site Description

# I-80 @ mp 78



-  RWIS
-  Maintenance Station
-  Interstate
-  Major Road



# I-80 @ Lakepoint

## Identification

<i>Route</i>	80	<i>Longitude</i>	-112.2636
<i>Mile Post</i>	98.62	<i>Latitude</i>	40.6929
<i>Region</i>	2	<i>Elevation (ft)</i>	4248
<i>Mesowest ID:</i>	ut9		
<i>Access</i>	EB on ramp on the left hand side next to the SR36 overpass.		

## Instrumentation

<i>Device Type</i>	CSI		
<i>Anemometer</i>	RM Young		
<i>Air/Rel Humidity</i>	HMP45C		
<i>Precipitation</i>	DRD11A		
<i>Camera:</i>	CC640		
<i>Sub-grade Temp:</i>	Yes		
<i>Road Sensors:</i>	<i>No of Sensors</i>	1	
	<i>Type of Sensors</i>	Lufft	
<i>Power Source</i>	Hard Line		



## Communication

<i>Com to Site</i>	Blue-Tree		
<i>Communication No</i>	166.154.68.89		
<i>Export/ATMS Source</i>	MesoAtmo.dat & MesoRoad.dat		

## Comments





Upgraded to CSI 2007

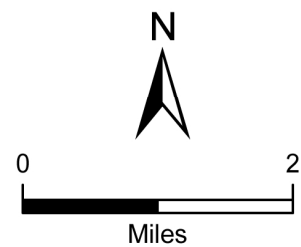
## Site Description

Grass. Lake to the North.  
Mountains to the East.

# I-80 @ Lakepoint



-  RWIS
-  Maintenance Station
-  Interstate
-  Major Road



# I-80 @ Redwood Rd

## Identification

*Route* 80  
*Mile Post* 117.88  
*Region* 2  
*Mesowest ID:* ut16  
*Access* EB onramp on the left hand side

*Longitude* -111.9387  
*Latitude* 40.7656  
*Elevation (ft)* 4251

## Instrumentation

*Device Type* VAISALA  
*Anemometer* None  
*Air/Rel Humidity* HMP45D  
*Precipitation* DRD11A  
*Camera:* None  
*Sub-grade Temp:* No  
*Road Sensors:* *No of Sensors* 2  
*Type of Sensors* DRS50  
*Power Source* Hard Line



## Communication

*Com to Site* Fiber  
*Communication No* 10.209.8.223:10  
*Export/ATMS Source* 3 hour.dat

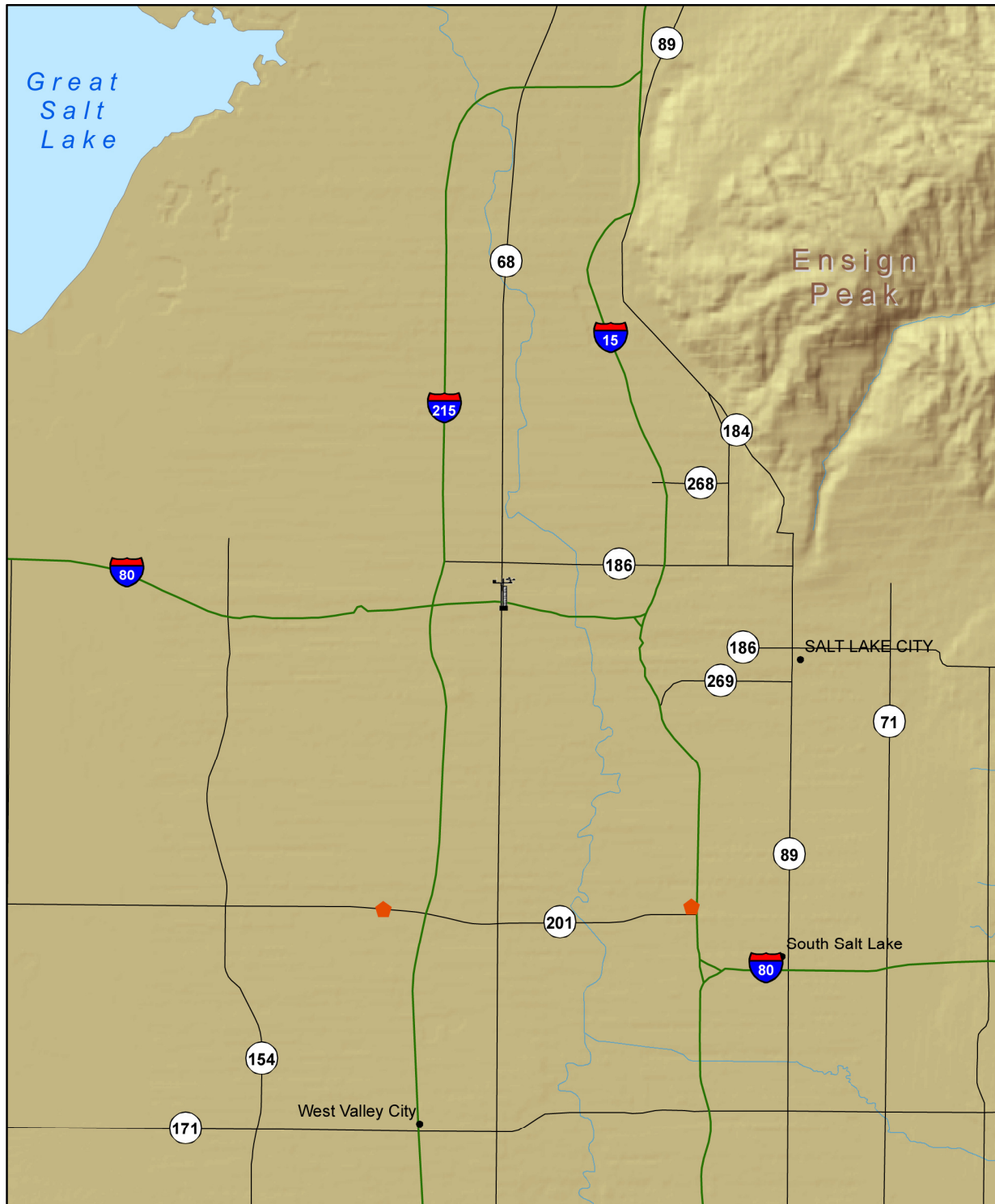
## Comments

## Site Description

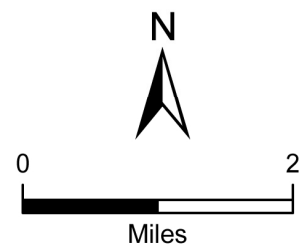
Grass covered freeway bank. Urban surroundings.



# I-80 @ Redwood Rd



-  RWIS
-  Maintenance Station
-  Interstate
-  Major Road



# I-80 @ Parleys Mouth

## Identification

<i>Route</i>	80	<i>Longitude</i>	-111.8020
<i>Mile Post</i>	127.95	<i>Latitude</i>	40.7120
<i>Region</i>	2	<i>Elevation (ft)</i>	4853
<i>Mesowest ID:</i>	ut5		
<i>Access</i>	EB Shoulder just after a pedestrian bridge.		

## Instrumentation

<i>Device Type</i>	CSI		
<i>Anemometer</i>	RM Young		
<i>Air/Rel Humidity</i>	HMP45C		
<i>Precipitation</i>	DRD11A		
<i>Camera:</i>	None		
<i>Sub-grade Temp:</i>	No		
<i>Road Sensors:</i>	<i>No of Sensors</i>	1	
	<i>Type of Sensors</i>	Lufft	
<i>Power Source</i>	Hard Line		



## Communication

<i>Com to Site</i>	Fiber		
<i>Communication No</i>	10.202.7.180		
<i>Export/ATMS Source</i>	MesoAtmo.dat & MesoRoad.dat		

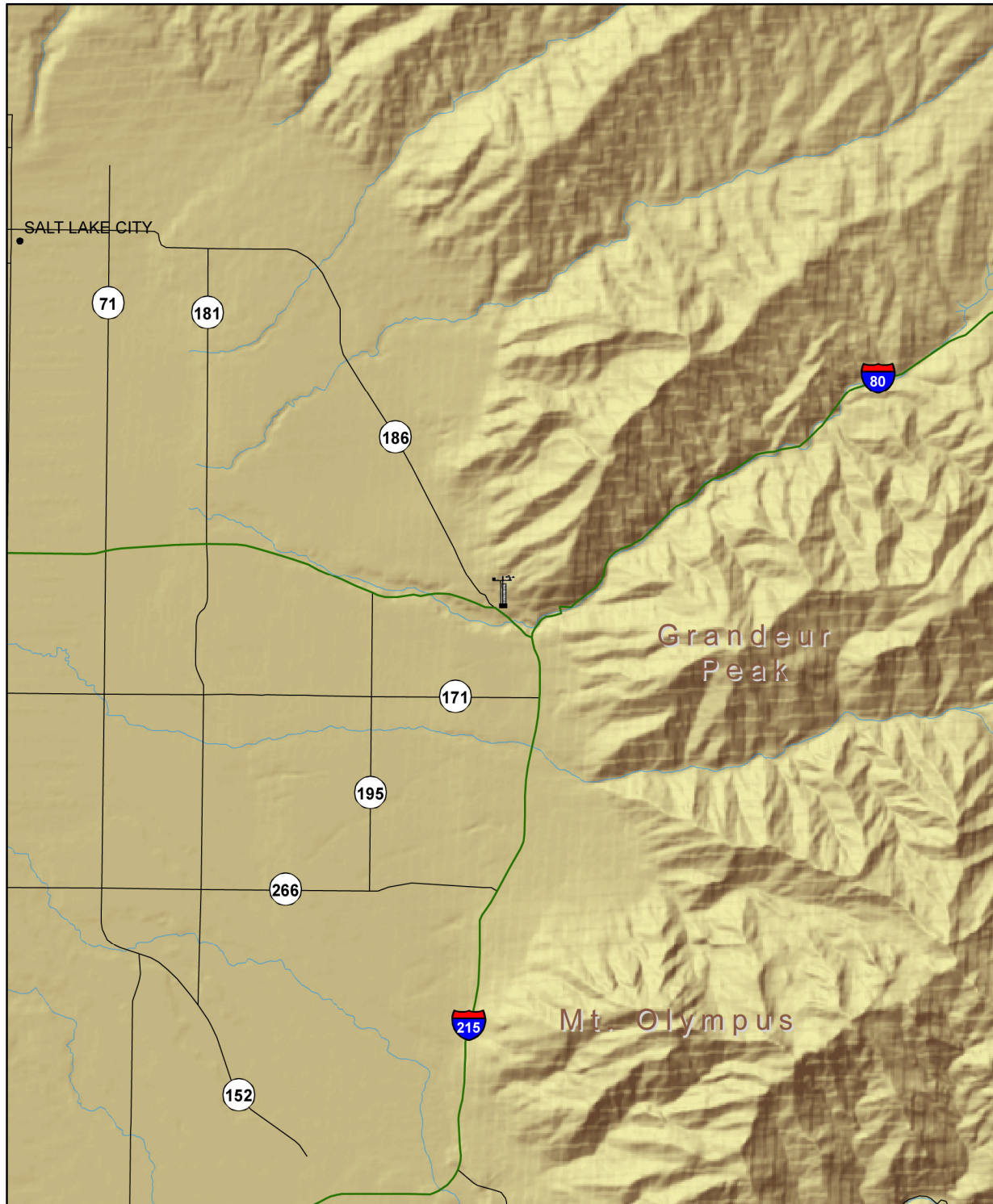
## Comments





Upgraded to Campbell 2007

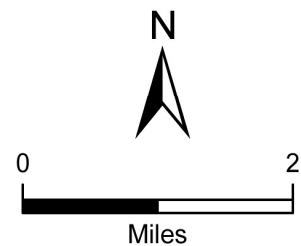
## Site Description

On the side of the hills on the approach to Parley's Canyon. Grass surroundings.

# I-80 @ Mouth of Parleys



-  RWIS
-  Maintenance Station
-  Interstate
-  Major Road



# I-80 @ Parleys Canyon Quarry

---

## Identification

<i>Route</i>	80	<i>Longitude</i>	-111.7680
<i>Mile Post</i>	131.00	<i>Latitude</i>	40.7260
<i>Region</i>	2	<i>Elevation (ft)</i>	5100
<i>Mesowest ID:</i>	utqry		
<i>Access</i>	EB shoulder		

## Instrumentation

<i>Device Type</i>	CSI		
<i>Anemometer</i>	RM Young		
<i>Air/Rel Humidity</i>	HMP45C		
<i>Precipitation</i>	DRD11A		
<i>Camera:</i>	None		
<i>Sub-grade Temp:</i>	Yes		
<i>Road Sensors:</i>	<i>No of Sensors</i>	3	
	<i>Type of Sensors</i>	Lufft, Icesit	
<i>Power Source</i>	Hard Line		

## Communication

<i>Com to Site</i>	Fiber		
<i>Communication No</i>	10.202.9.100		
<i>Export/ATMS Source</i>	MesoAtmo.dat, MesoRoad.dat, ds		

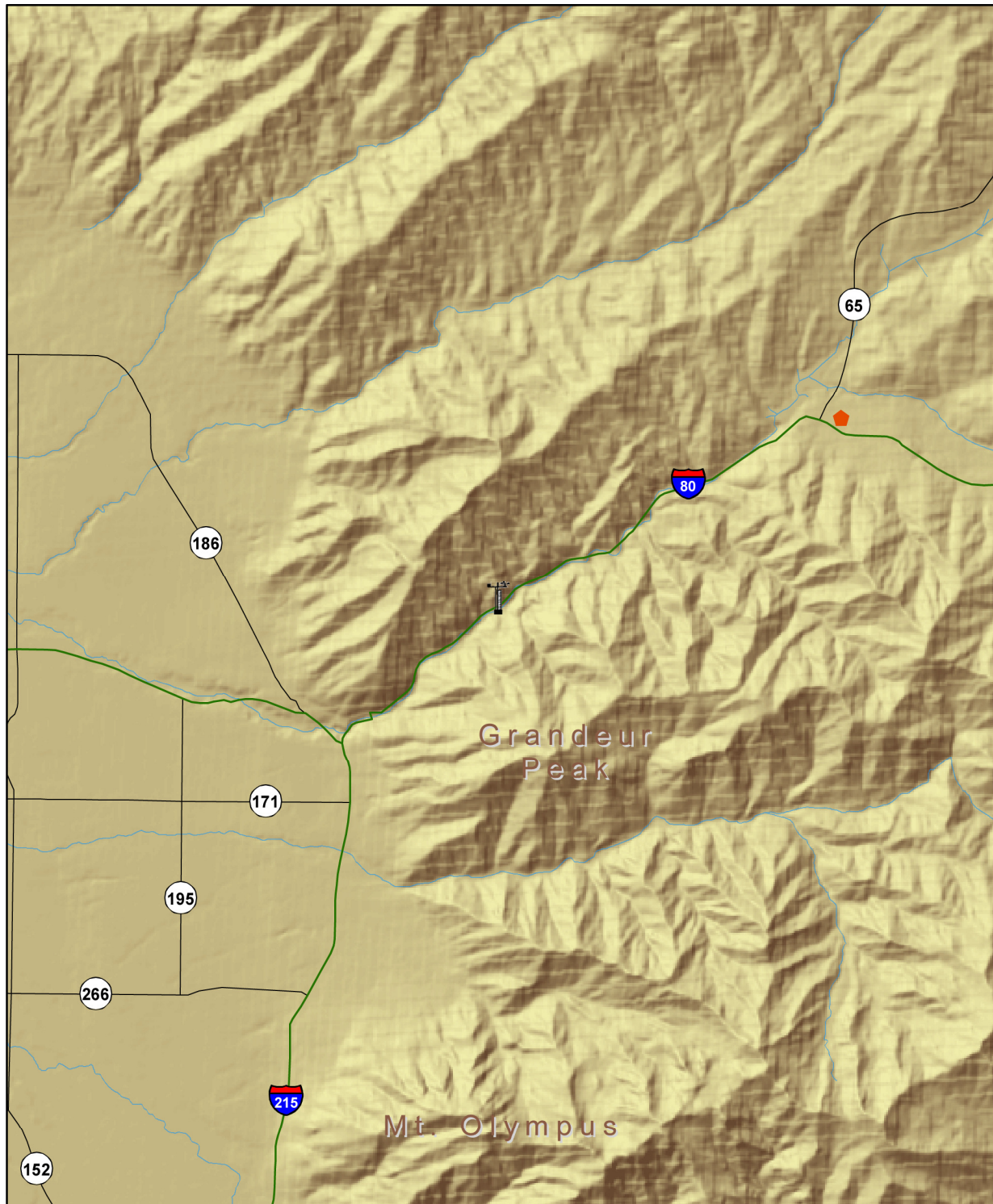
## Comments





Installed Vaisala and Icesite non-invasive sensors 8/7/08

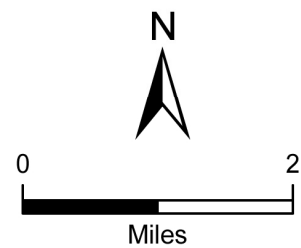
## Site Description

In a tight canyon close to the quarry in Parley's canyon.

# I-80 @ Parleys Canyon Quarry



-  RWIS
-  Maintenance Station
-  Interstate
-  Major Road



# I-80 @ Parleys Shed

---

## Identification

<i>Route</i>	80	<i>Longitude</i>	-111.7120
<i>Mile Post</i>		<i>Latitude</i>	40.7530
<i>Region</i>	2	<i>Elevation (ft)</i>	5600
<i>Mesowest ID:</i>	utpsh		
<i>Access</i>	Parley's Canyon maintenance shed.		

## Instrumentation

<i>Device Type</i>	CSI
<i>Anemometer</i>	RM Young
<i>Air/Rel Humidity</i>	HMP45C
<i>Precipitation</i>	DRD11A
<i>Camera:</i>	None
<i>Sub-grade Temp:</i>	
<i>Road Sensors:</i>	<i>No of Sensors</i> 0
	<i>Type of Sensors</i>
<i>Power Source</i>	Hard Line

## Communication

<i>Com to Site</i>	Ethernet
<i>Communication No</i>	168.178.127.11
<i>Export/ATMS Source</i>	MesoAtmo.dat & MesoRoad.dat

## Comments

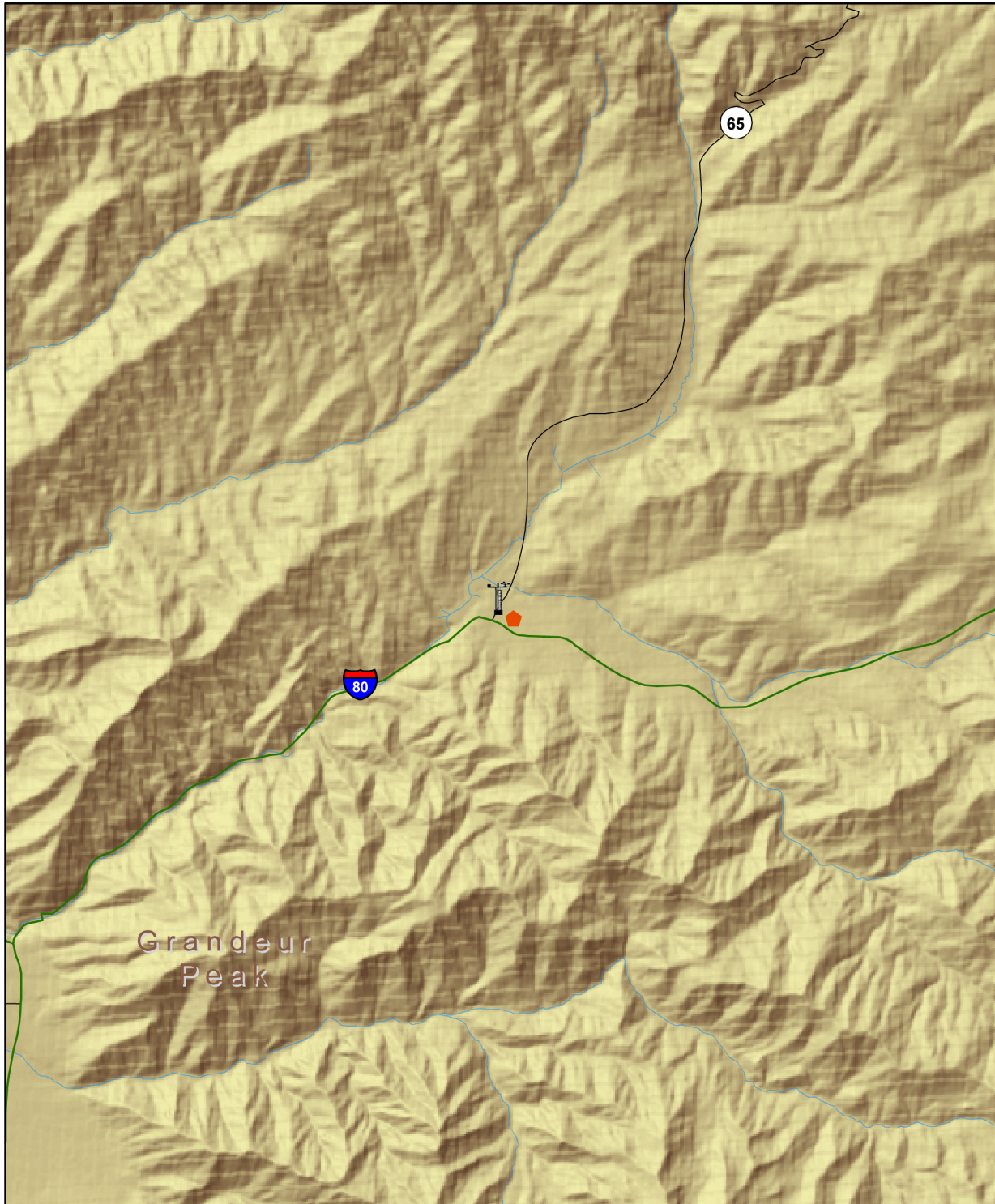
Has SR50 snow depth sensor


**TEMPORARILY DISMANTLED!**

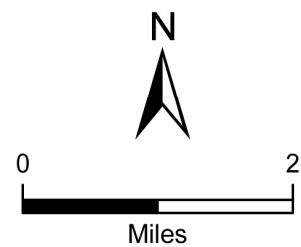
## Site Description

In the grass next to the sheds parking lot

# I-80 @ Parleys Shed



-  RWIS
-  Maintenance Station
-  Interstate
-  Major Road



# I-80 @ Parleys Summit

## Identification

*Route* 80  
*Mile Post* 138.88  
*Region* 2  
*Mesowest ID:* ut3  
*Access* At Summit/Salt Lake County line.  
EB shoulder just before brake test  
area

*Longitude* -111.6248  
*Latitude* 40.7528  
*Elevation (ft)* 6993

## Instrumentation

*Device Type* CSI  
*Anemometer* RM Young  
*Air/Rel Humidity* HMP45C  
*Precipitation* DRD11A  
*Camera:* None  
*Sub-grade Temp:* 107  
*Road Sensors:* *No of Sensors* 1  
*Type of Sensors* Lufft  
*Power Source* Hard Line



## Communication

*Com to Site* Fiber  
*Communication No* 10.202.10.100  
*Export/ATMS Source* MesoAtmo.dat & MesoRoad.dat

## Comments

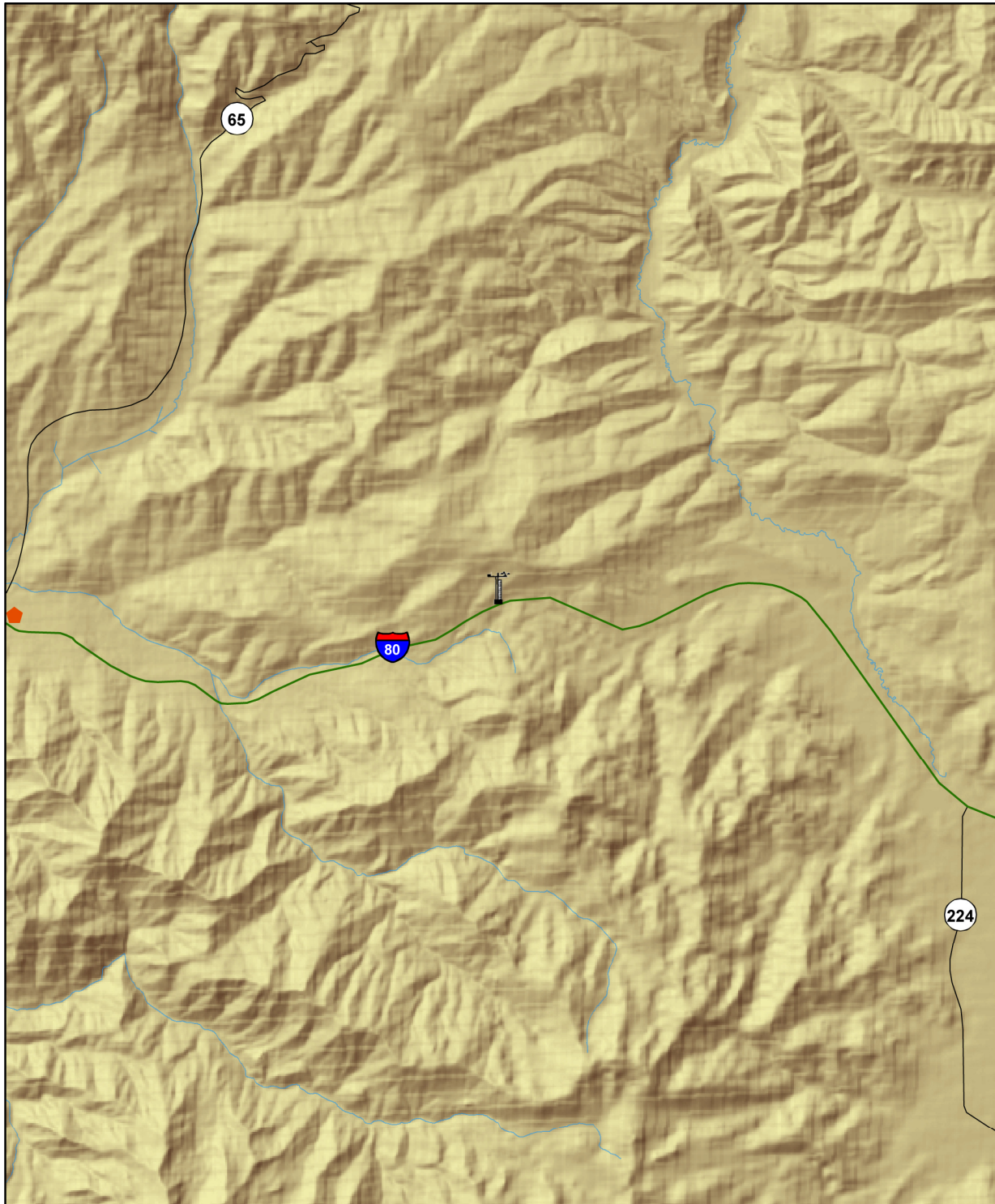
Upgraded to Campbell 6/3/08





## Site Description

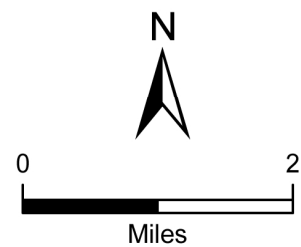
Mountain pass. Shrubs and trees.  
On the west side of a hill slope



# I-80 @ Parleys Summit



-  RWIS
-  Maintenance Station
-  Interstate
-  Major Road



# I-80 @ Kimball Jct

## Identification

<i>Route</i>	80	<i>Longitude</i>	-111.5426
<i>Mile Post</i>	144.27	<i>Latitude</i>	40.7275
<i>Region</i>	2	<i>Elevation (ft)</i>	6403
<i>Mesowest ID:</i>	kmj		
<i>Access</i>	WB off ramp		

## Instrumentation

<i>Device Type</i>	CSI
<i>Anemometer</i>	RMYoung
<i>Air/Rel Humidity</i>	HMP45C
<i>Precipitation</i>	DRD11A
<i>Camera:</i>	None
<i>Sub-grade Temp:</i>	No
<i>Road Sensors:</i>	<i>No of Sensors</i> 0
	<i>Type of Sensors</i>
<i>Power Source</i>	Hard Line



## Communication

<i>Com to Site</i>	Fiber
<i>Communication No</i>	10.213.5.12
<i>Export/ATMS Source</i>	MesoAtmo.dat & MesoRoad.dat

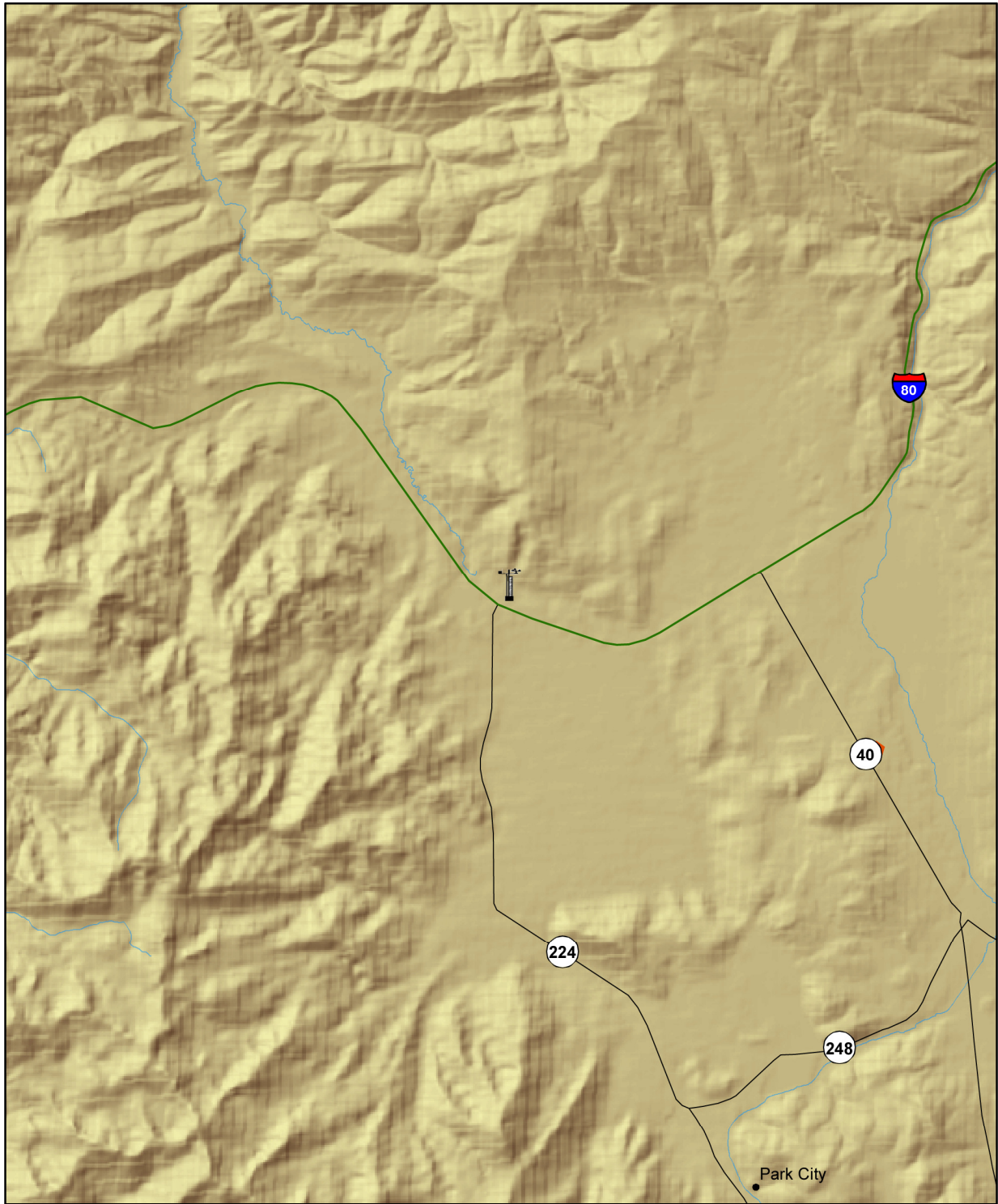
## Comments





Upgraded to Campbell in 2007

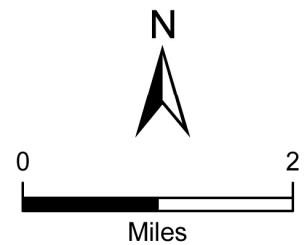
## Site Description

Open area sparsely covered by grass. Mountains to the South. Hills to the North

# I-80 @ Kimball Jct



-  RWIS
-  Maintenance Station
-  Interstate
-  Major Road



# I-80 @ Silver Ck Jct

## Identification

**Route** 80  
**Mile Post** 146.86  
**Region** 2  
**Mesowest ID:** utsvc  
**Access** From WB onramp from Sliver Creek Rd on the north side of I-80 (not SR40)

**Longitude** -111.4983  
**Latitude** 40.7320  
**Elevation (ft)** 6453

## Instrumentation

**Device Type** CSI  
**Anemometer** RM Young  
**Air/Rel Humidity** HMP45C  
**Precipitation** DRD11A  
**Camera:** None  
**Sub-grade Temp:** No  
**Road Sensors:** *No of Sensors* 0  
*Type of Sensors*  
**Power Source** Hard Line



## Communication

**Com to Site** Fiber  
**Communication No** 10.100.7.156  
**Export/ATMS Source** MesoAtmo.dat & MesoRoad.dat

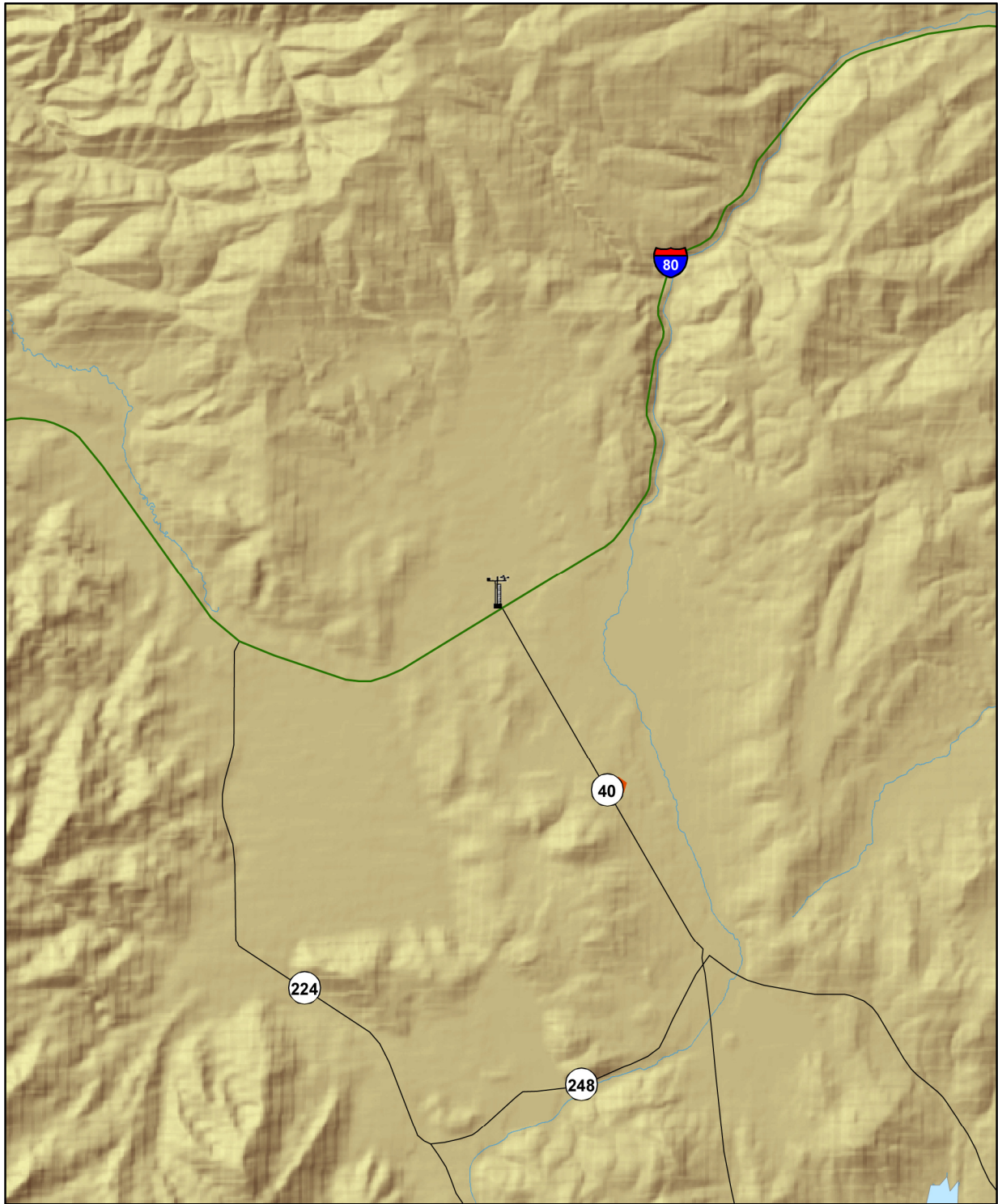
## Comments





Upgraded to CSI from SSI 7/2/08

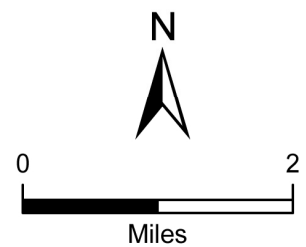
## Site Description

Open valley with mountains to the West and hills every other direction. Grass and dirt landscape.

# I-80 @ Silver Creek Jct



-  RWIS
-  Maintenance Station
-  Interstate
-  Major Road



# I-80 @ Wahsatch Hill

## Identification

<i>Route</i>	80	<i>Longitude</i>	-111.1140
<i>Mile Post</i>	191.20	<i>Latitude</i>	41.1952
<i>Region</i>	2	<i>Elevation (ft)</i>	6820
<i>Mesowest ID:</i>	ut1		
<i>Access</i>	Near crest of large hill. EB shoulder just before Exit 191		

## Instrumentation

<i>Device Type</i>	CSI	
<i>Anemometer</i>	RM Young	
<i>Air/Rel Humidity</i>	HMP45C	
<i>Precipitation</i>	DRD11A	
<i>Camera:</i>	CC640	
<i>Sub-grade Temp:</i>	Yes	
<i>Road Sensors:</i>	<i>No of Sensors</i>	1
	<i>Type of Sensors</i>	luft
<i>Power Source</i>	Solar	



## Communication

<i>Com to Site</i>	Blue-Tree	
<i>Communication No</i>	166.154.68.92	
<i>Export/ATMS Source</i>	MesoAtmo.dat & MesoRoad.dat	

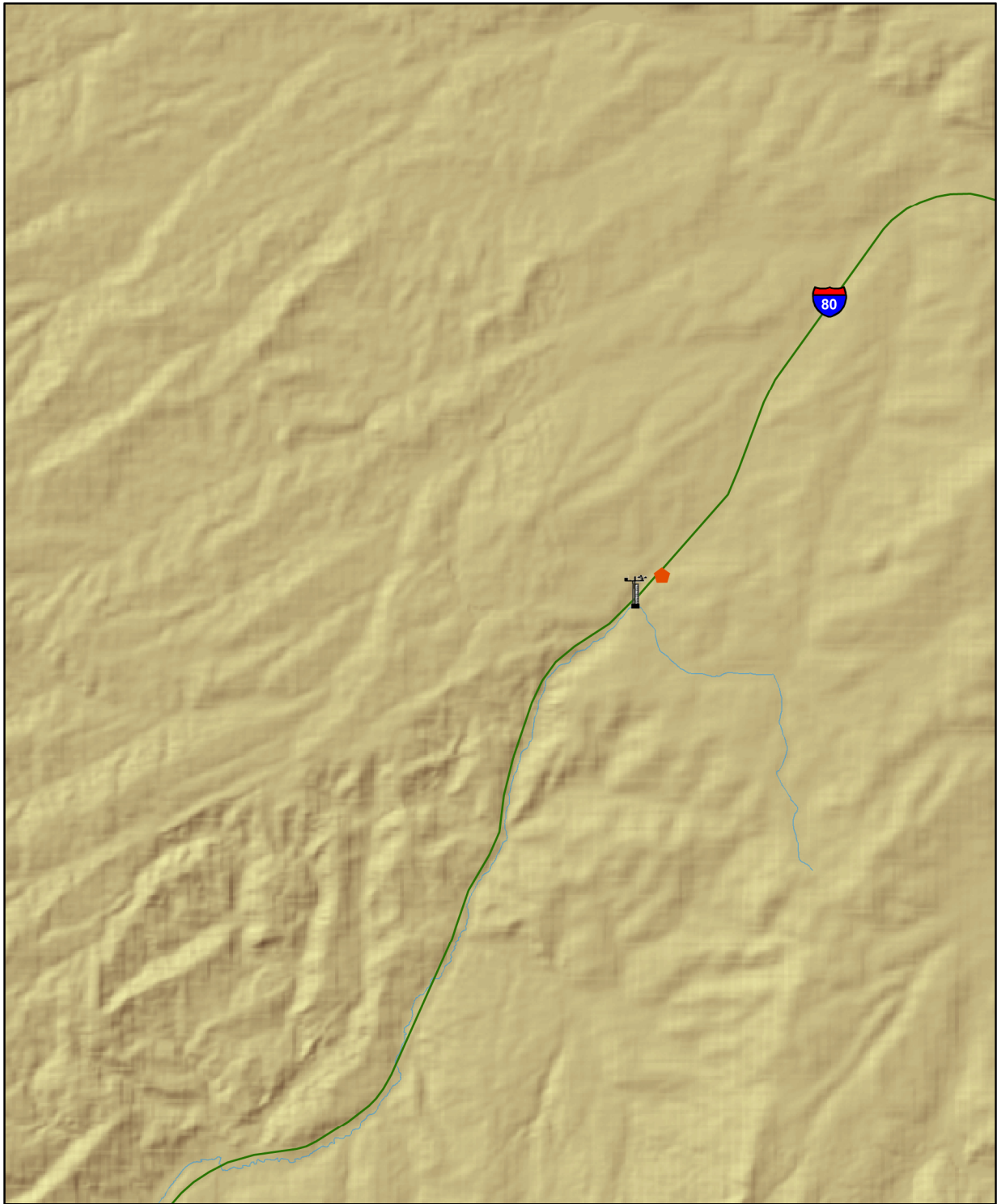
## Comments





Power meter is at mm 192 on south side of road.

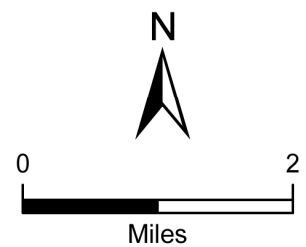
## Site Description

Near crest of a large hill. Open area covered with grass and brush

# I-80 @ Wahsatch Hill



-  RWIS
-  Maintenance Station
-  Interstate
-  Major Road



# I-84 @ Chaulk Hill

---

## Identification

<i>Route</i>	84	<i>Longitude</i>	-112.6052
<i>Mile Post</i>		<i>Latitude</i>	41.9113
<i>Region</i>	1	<i>Elevation (ft)</i>	5155
<i>Mesowest ID:</i>	utckh		
<i>Access</i>	WB shoulder		

## Instrumentation

<i>Device Type</i>	CSI
<i>Anemometer</i>	RM Young
<i>Air/Rel Humidity</i>	HMP45C
<i>Precipitation</i>	DRD11A
<i>Camera:</i>	(2) CC640
<i>Sub-grade Temp:</i>	107
<i>Road Sensors:</i>	<i>No of Sensors</i> 1
	<i>Type of Sensors</i> Lufft
<i>Power Source</i>	Solar 80 W 2 12 volt

## Communication

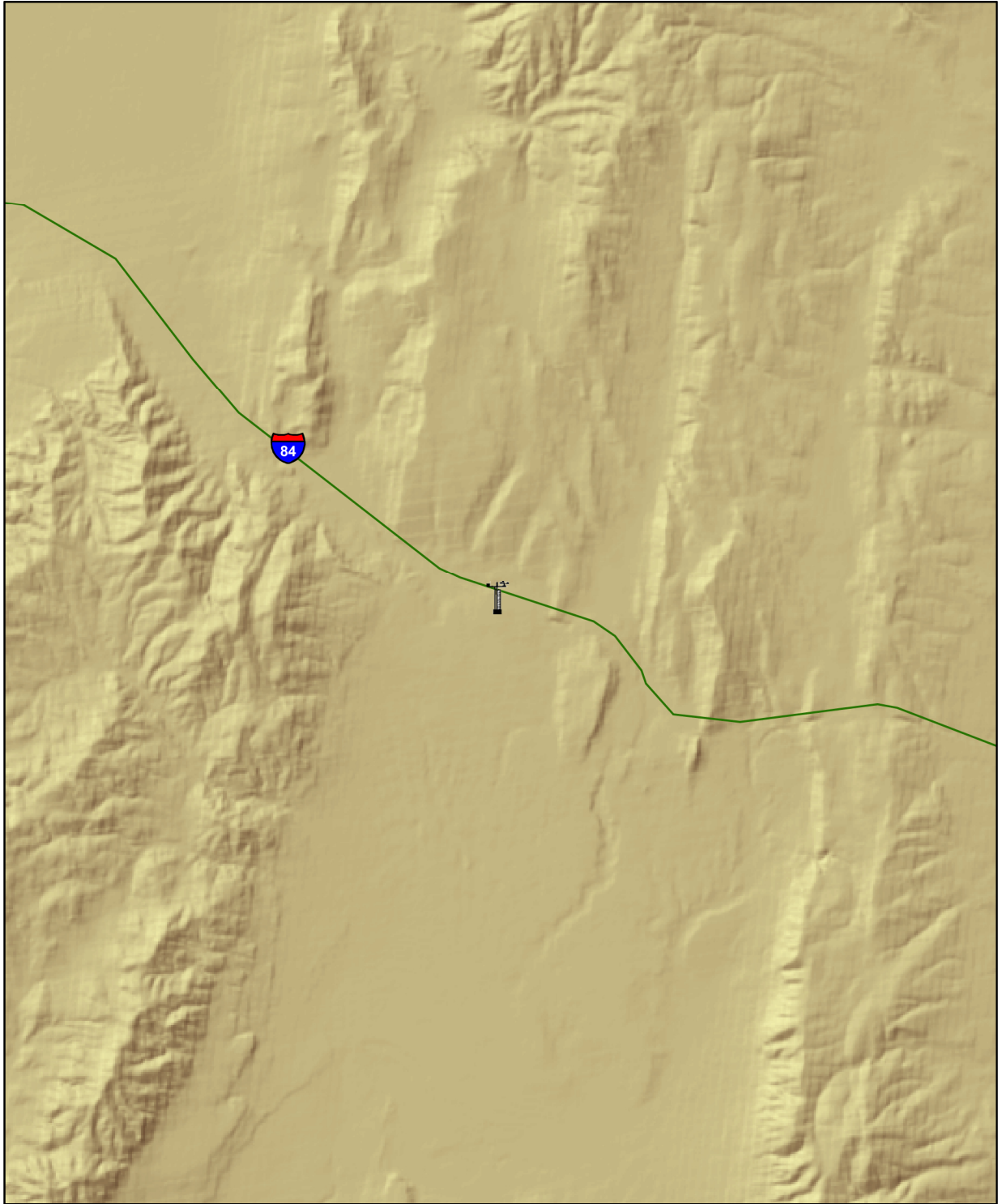
<i>Com to Site</i>	Blue-Tree
<i>Communication No</i>	166.154.68.94
<i>Export/ATMS Source</i>	MesoAtmo.dat & MesoRoad.dat





## Comments

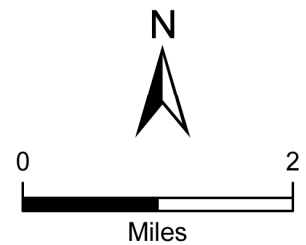
## Site Description



# I-84 @ Chaulk Hill



-  RWIS
-  Maintenance Station
-  Interstate
-  Major Road



# I-84 @ Whites Valley

## Identification

<i>Route</i>	84	<i>Longitude</i>	-112.3394
<i>Mile Post</i>	30.45	<i>Latitude</i>	41.8101
<i>Region</i>	1	<i>Elevation (ft)</i>	5119
<i>Mesowest ID:</i>	utwtv		
<i>Access</i>	NB shoulder		

## Instrumentation

<i>Device Type</i>	CSI
<i>Anemometer</i>	RM Young
<i>Air/Rel Humidity</i>	HMP45C
<i>Precipitation</i>	DRD11A
<i>Camera:</i>	CC640
<i>Sub-grade Temp:</i>	107
<i>Road Sensors:</i>	<i>No of Sensors</i> 0
	<i>Type of Sensors</i> None
<i>Power Source</i>	Solar



## Communication

<i>Com to Site</i>	Blue-Tree
<i>Communication No</i>	166.154.68.97
<i>Export/ATMS Source</i>	MesoAtmo.dat & MesoRoad.dat

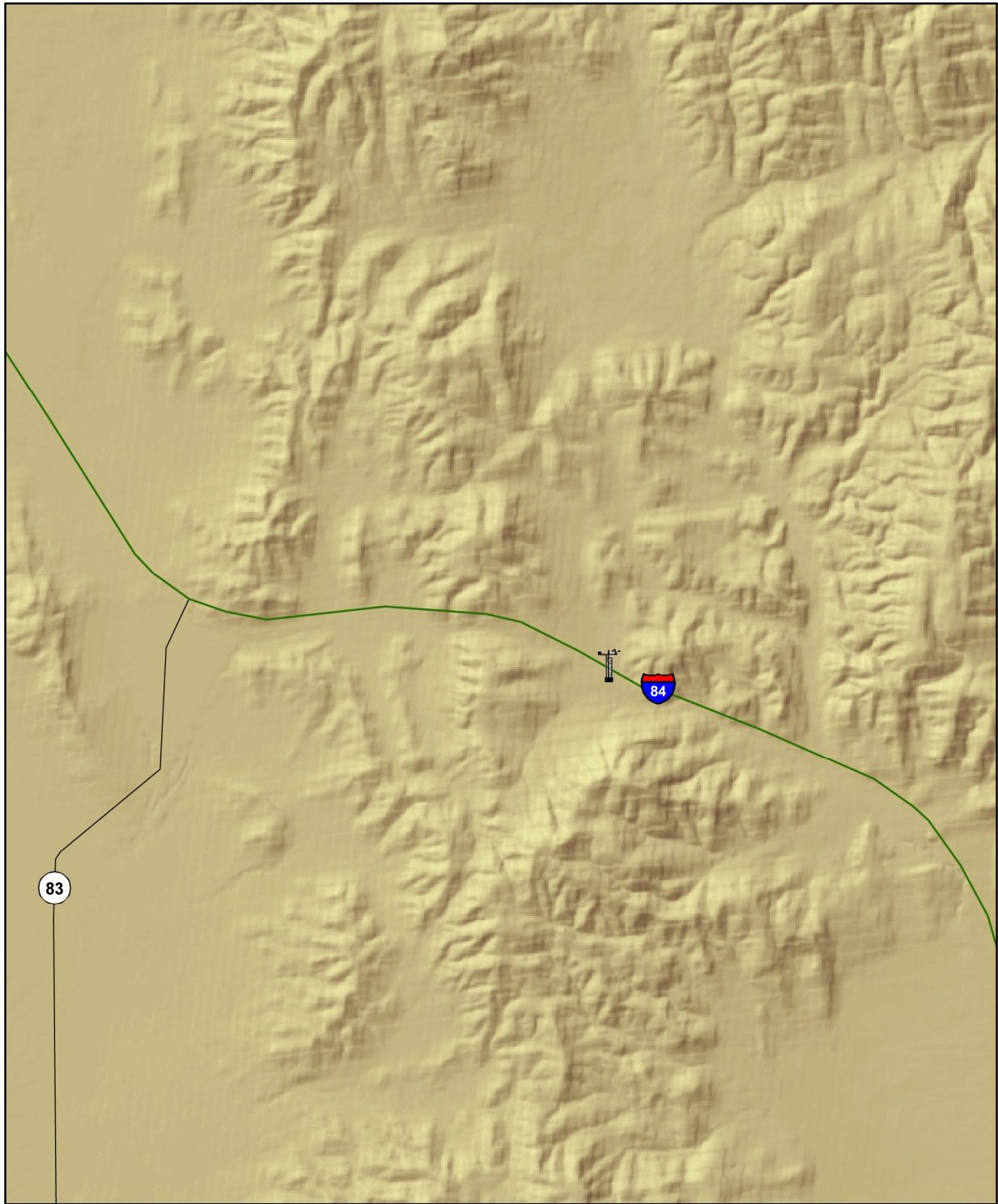
## Comments





Upgraded to CSI from SSI 6/18/08

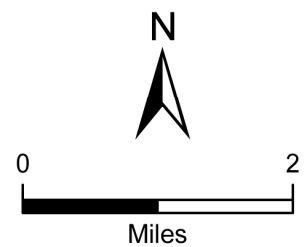
## Site Description

In a small sunken valley surrounded by small treeless hills. Grass on hills to the north. Brush on hills to the south

# I-84 @ Whites Valley



-  RWIS
-  Maintenance Station
-  Interstate
-  Major Road



# I-84 @ Weber Canyon

---

## Identification

*Route* 84  
*Mile Post* 89.28  
*Region* 1  
*Mesowest ID:* pwr  
*Access* WB median. It's just after the power plant

*Longitude* -111.8868  
*Latitude* 41.1379  
*Elevation (ft)* 4635

## Instrumentation

*Device Type* CSI  
*Anemometer* RM Young  
*Air/Rel Humidity* HMP45C  
*Precipitation* DRD11A  
*Camera:* CC640  
*Sub-grade Temp:* No  
*Road Sensors:* *No of Sensors* 0  
*Type of Sensors*  
*Power Source* Hard Line



## Communication

*Com to Site* Blue-Tree  
*Communication No* 166.241.189.1  
*Export/ATMS Source* MesoAtmo.dat & MesoRoad.dat

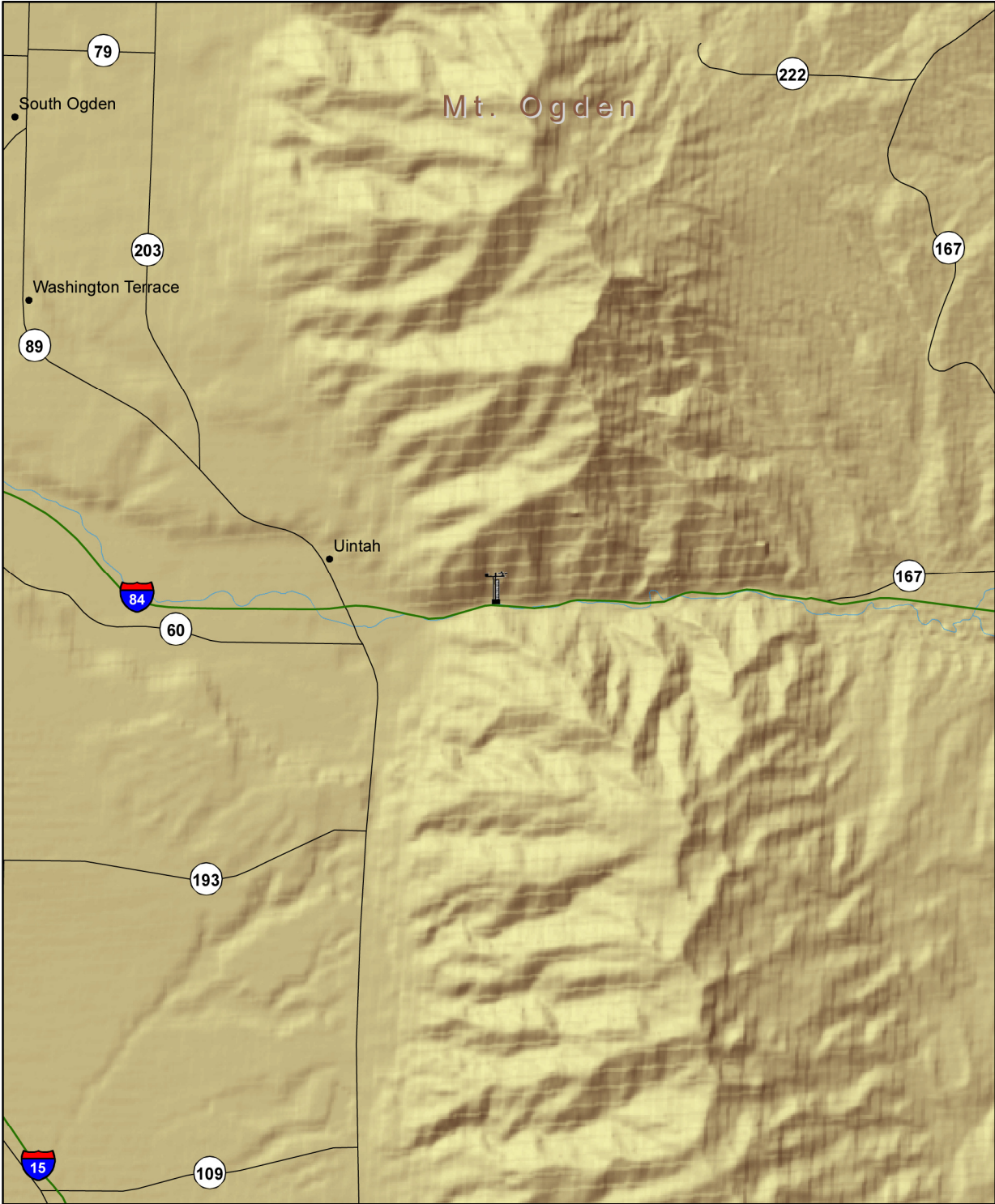
## Comments


Upgraded to CSI from SSI 2007

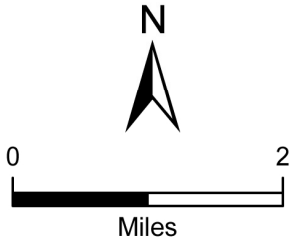
## Site Description

Narrow canyon with very steep sides

# I-84 @ Weber Canyon



-  RWIS
-  Maintenance Station
-  Interstate
-  Major Road



# I-215 @ Knudsen

## Identification

<i>Route</i>	215	<i>Longitude</i>	-111.8087
<i>Mile Post</i>	6.40	<i>Latitude</i>	40.6367
<i>Region</i>	2	<i>Elevation (ft)</i>	4609
<i>Mesowest ID:</i>	knc		
<i>Access</i>	EB/NB off ramp. Between the bridge deck and off ramp		

## Instrumentation

<i>Device Type</i>	SSI		
<i>Anemometer</i>			
<i>Air/Rel Humidity</i>			
<i>Precipitation</i>			
<i>Camera:</i>			
<i>Sub-grade Temp:</i>	Yes		
<i>Road Sensors:</i>	<i>No of Sensors</i>	3	
	<i>Type of Sensors</i>	FP2000	
<i>Power Source</i>	Hard Line		



## Communication

<i>Com to Site</i>	Hard Dial		
<i>Communication No</i>	801-274-1877		
<i>Export/ATMS Source</i>			

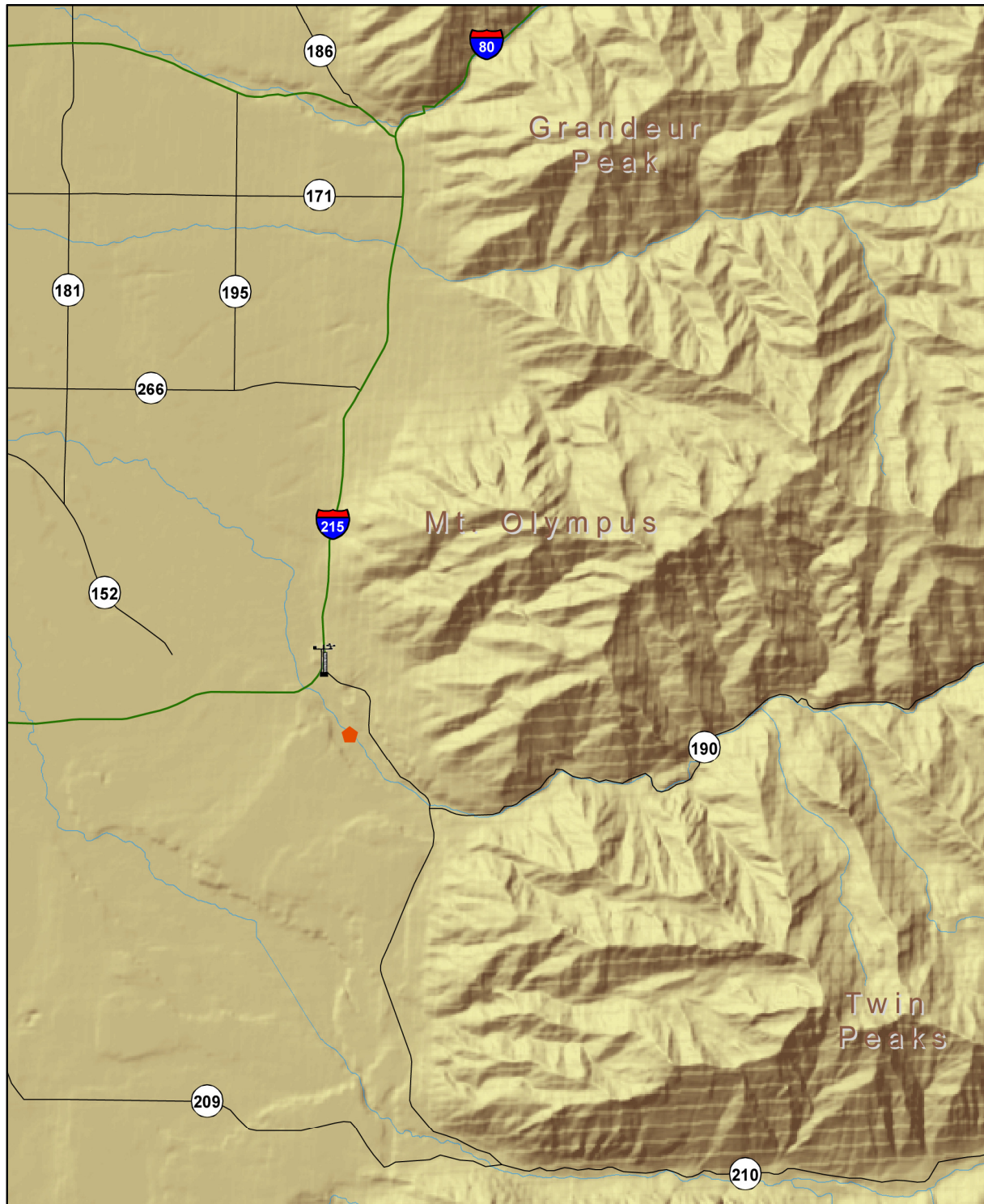
## Comments





Boschung F.A.S.T. system on site

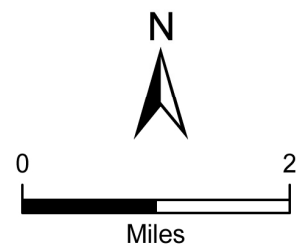
## Site Description

Brush and grass around the RWIS.  
Everywhere else urban.

# I-215 @ Knudsen



-  RWIS
-  Maintenance Station
-  Interstate
-  Major Road



# Legacy Parkway

---

## Identification

<i>Route</i>	67	<i>Longitude</i>	-111.9150
<i>Mile Post</i>		<i>Latitude</i>	402.9080
<i>Region</i>	1	<i>Elevation (ft)</i>	4215
<i>Mesowest ID:</i>	utlgp		
<i>Access</i>	500 S exit off Legacy and then take the frontage road to the west heading north. RWIS is inside gate between frontage and Legacy.		

## Instrumentation

<i>Device Type</i>	CSI	
<i>Anemometer</i>	RMYoung	
<i>Air/Rel Humidity</i>	HMP45C	
<i>Precipitation</i>	DRD11A	
<i>Camera:</i>	None	
<i>Sub-grade Temp:</i>	107	
<i>Road Sensors:</i>	<i>No of Sensors</i>	2
	<i>Type of Sensors</i>	Lufft, Icesit
<i>Power Source</i>	Hard Line	

## Communication

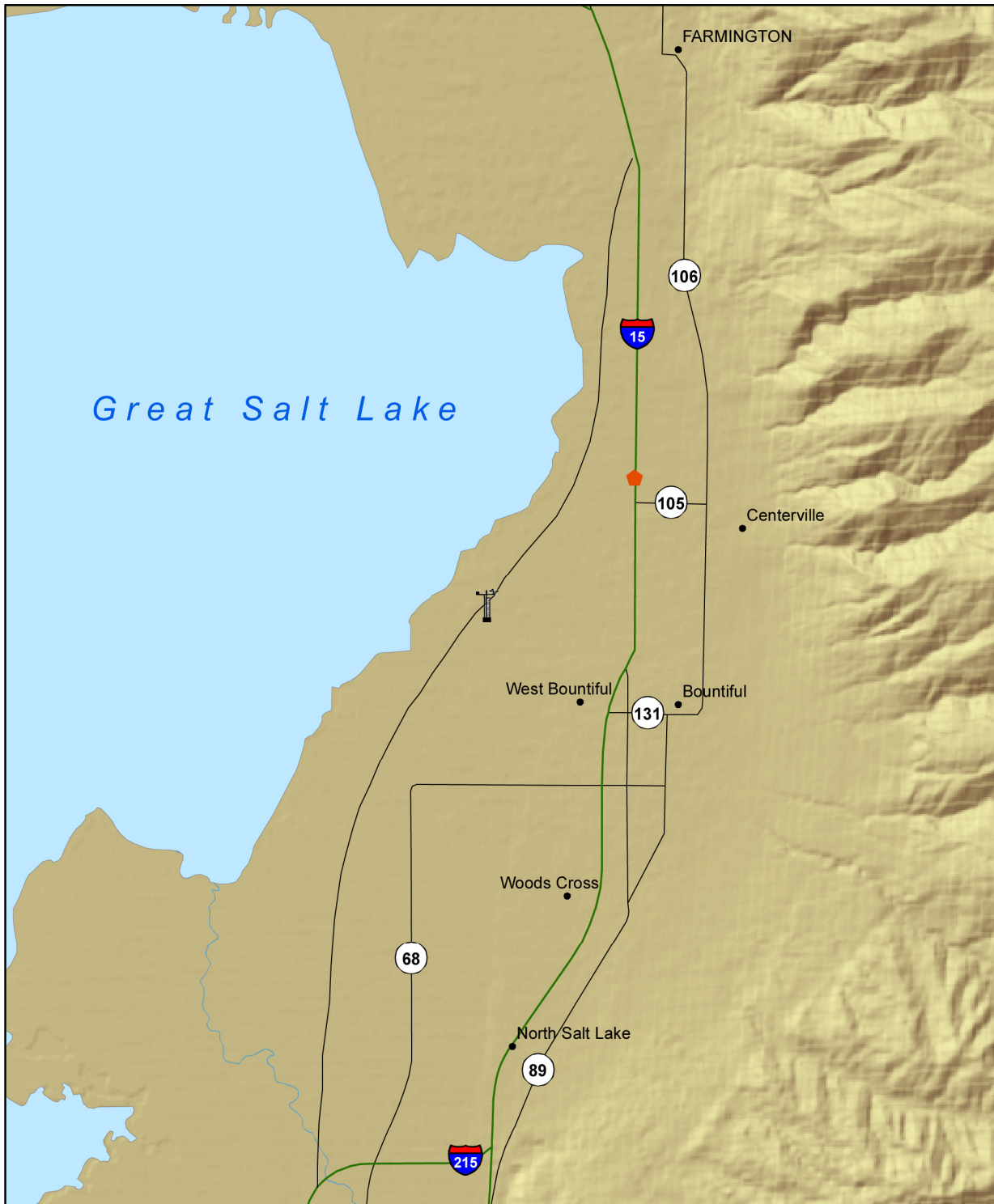
<i>Com to Site</i>	Fiber
<i>Communication No</i>	10.203.9.28
<i>Export/ATMS Source</i>	MesoAtmo.dat & MesoRoad.dat





## Comments

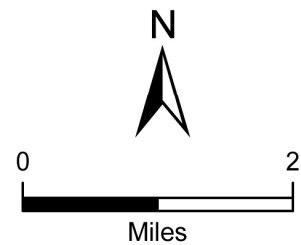
## Site Description



# Legacy Parkway



-  RWIS
-  Maintenance Station
-  Interstate
-  Major Road



# SR 12 @ Boulder Summit

## Identification

*Route* 12  
*Mile Post* 101.30  
*Region* 4  
*Mesowest ID:* utbld  
*Access* NB shoulder

*Longitude* -113.0858  
*Latitude* 41.9379  
*Elevation (ft)* 4766

## Instrumentation

*Device Type* CSI  
*Anemometer* RMYoung  
*Air/Rel Humidity* HMP45C  
*Precipitation* DRD11A  
*Camera:* CC640  
*Sub-grade Temp:* No  
*Road Sensors:* *No of Sensors* 0  
*Type of Sensors* None  
*Power Source* Solar 80 W 2 12VDC



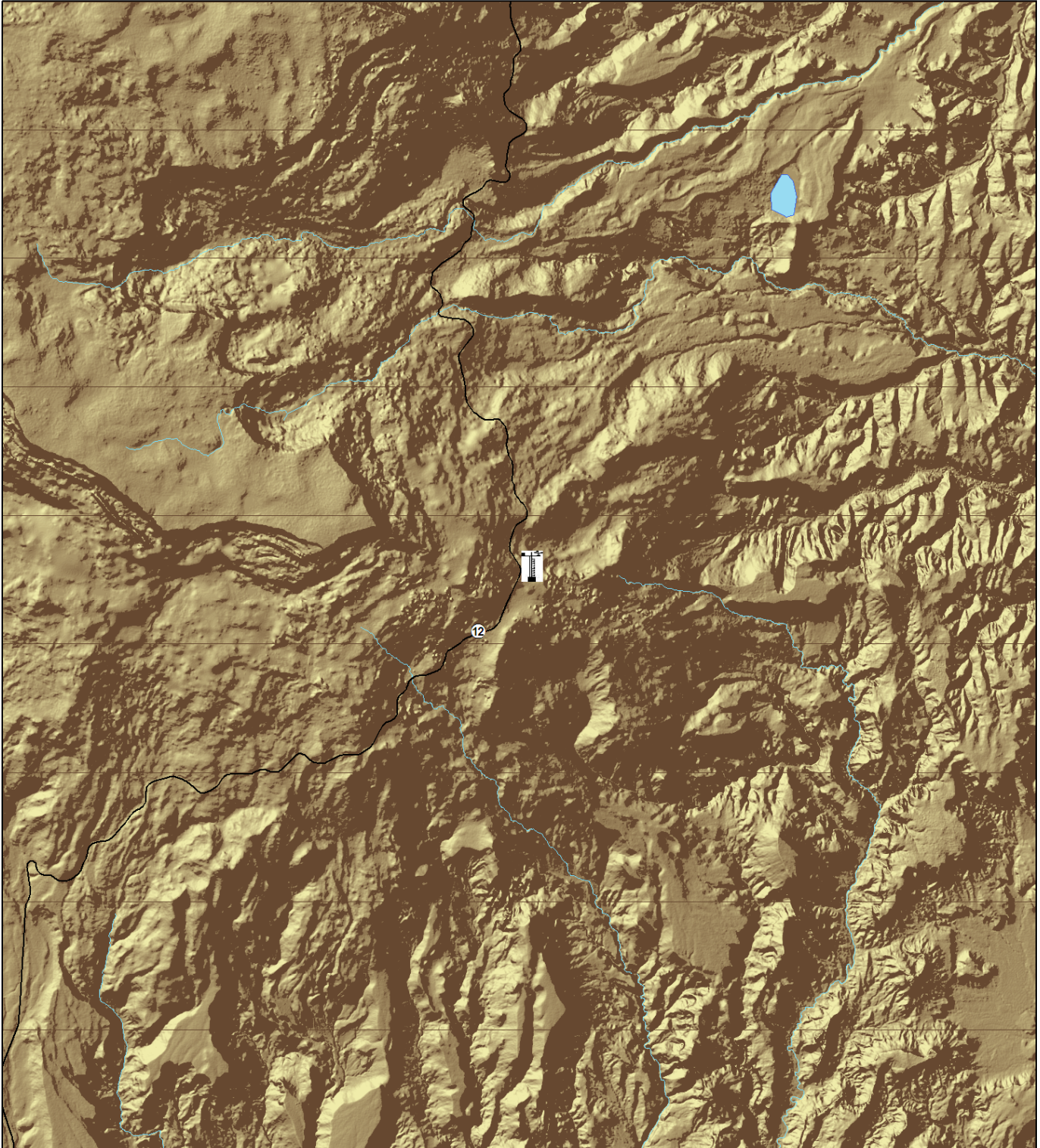
## Communication

*Com to Site* Blue-Tree  
*Communication No* 166.154.68.109  
*Export/ATMS Source* MesoAtmo.dat

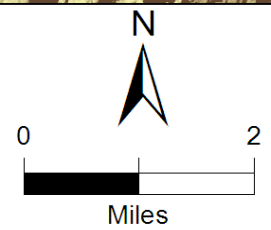
## Comments

## Site Description

# SR-12 @ Boulder Summit



- ◆ Maintenance Station
- Interstate
- US Route
- State Route



# SR-16 @ mp 1

## Identification

<i>Route</i>	16	<i>Longitude</i>	-111.0510
<i>Mile Post</i>	1.00	<i>Latitude</i>	41.4210
<i>Region</i>	1	<i>Elevation (ft)</i>	6535
<i>Mesowest ID:</i>	uts16		
<i>Access</i>	West side shoulder		

## Instrumentation

<i>Device Type</i>	CSI
<i>Anemometer</i>	RM Young
<i>Air/Rel Humidity</i>	HMP45C
<i>Precipitation</i>	DRD11A
<i>Camera:</i>	(2) CC640
<i>Sub-grade Temp:</i>	No
<i>Road Sensors:</i>	<i>No of Sensors</i> 0
	<i>Type of Sensors</i> None
<i>Power Source</i>	Hard Line



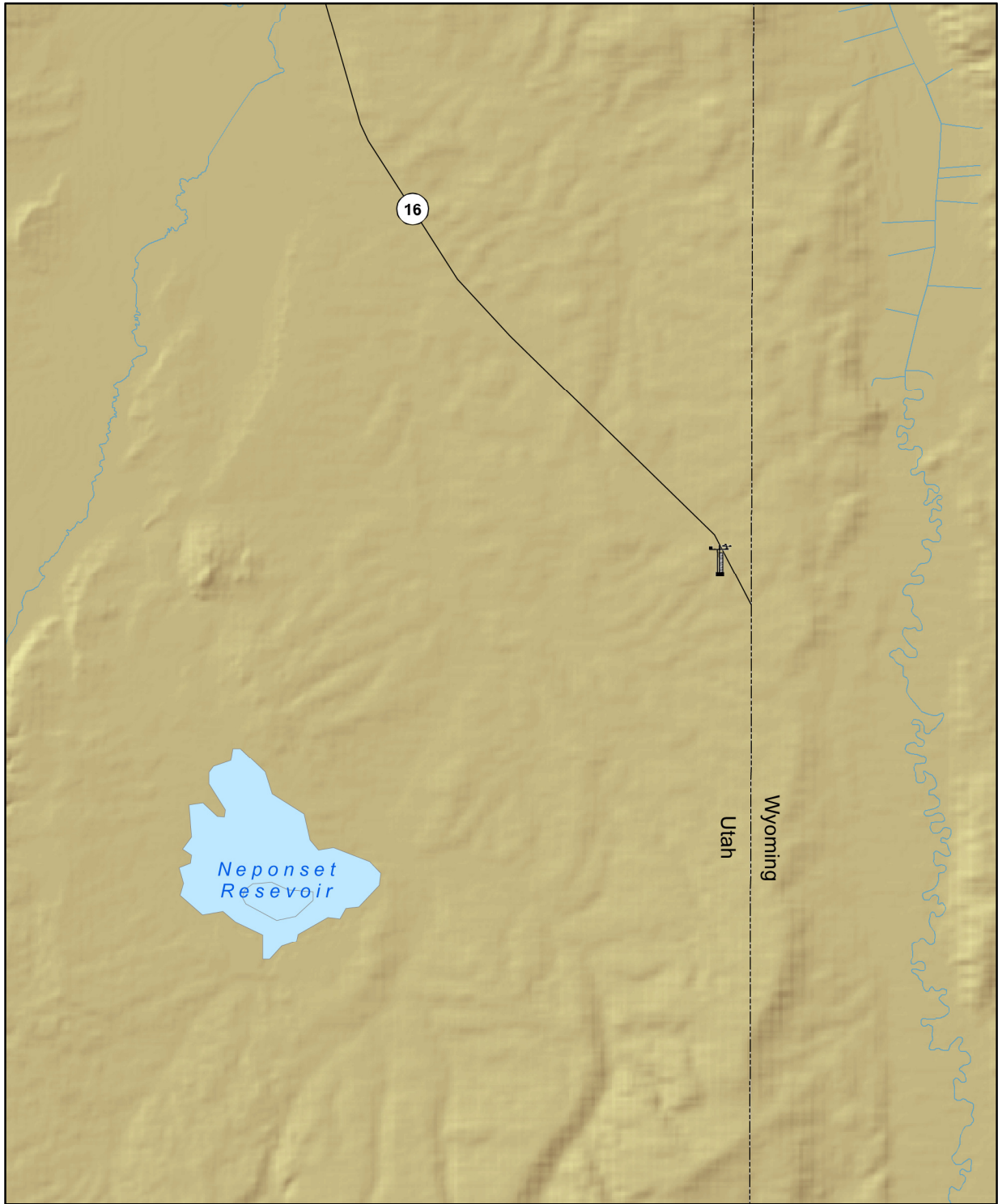
## Communication





<i>Com to Site</i>	Blue-Tree
<i>Communication No</i>	166.154.68.81
<i>Export/ATMS Source</i>	MesoAtmo.dat & MesoRoad.dat

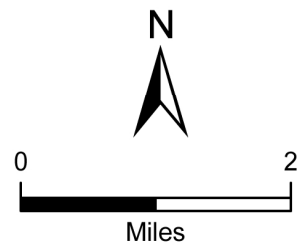
## Comments

## Site Description

# SR 16 @ mp 1



-  RWIS
-  Maintenance Station
-  Interstate
-  Major Road



# SR-20

## Identification

*Route* 20  
*Mile Post* 10.11  
*Region* 4  
*Mesowest ID:* utr20  
*Access* WB shoulder next to ranch gate

*Longitude* -112.5307  
*Latitude* 38.0304  
*Elevation (ft)* 7923

## Instrumentation

*Device Type* CSI  
*Anemometer* RM Young  
*Air/Rel Humidity* HMP45C  
*Precipitation* DRD11A  
*Camera:* CC640 (2)  
*Sub-grade Temp:* 107  
*Road Sensors:* *No of Sensors* 1  
*Type of Sensors* Lufft  
*Power Source* Solar



## Communication

*Com to Site* Blue-Tree  
*Communication No* 166.154.68.79  
*Export/ATMS Source* MesoAtmo.dat & MesoRoad.dat

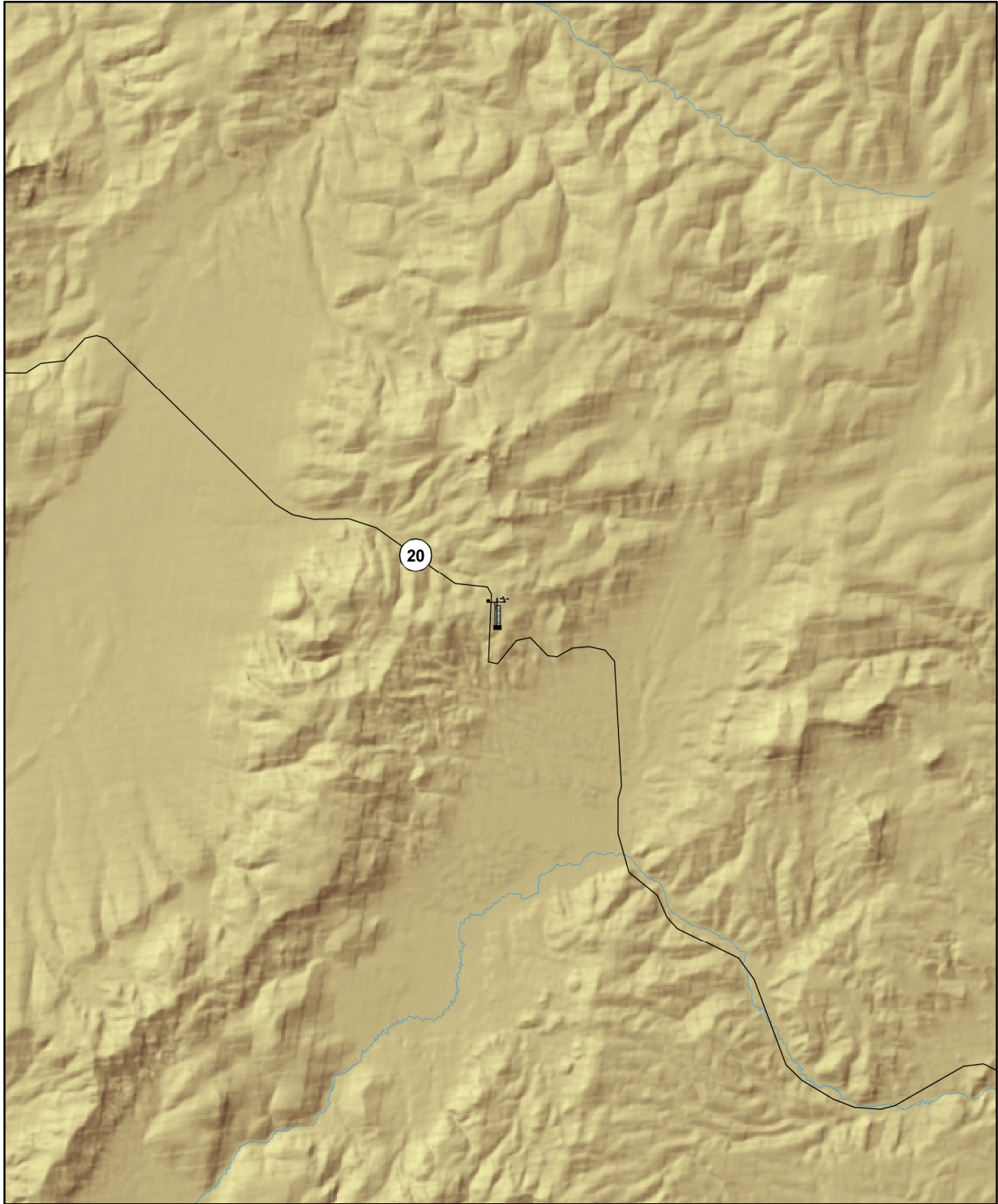
## Comments





Upgraded from SSI to CSI 8/5/08

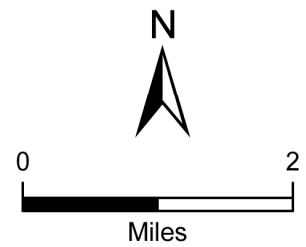
## Site Description

Mountain pass. Was too snowy to see much at the time.

# SR 20



-  RWIS
-  Maintenance Station
-  Interstate
-  Major Road



# SR-30 @ Curlew

## Identification

<i>Route</i>	30	<i>Longitude</i>	-113.0868
<i>Mile Post</i>	72.50	<i>Latitude</i>	41.9379
<i>Region</i>		<i>Elevation (ft)</i>	4766
<i>Mesowest ID:</i>	UTCUR		
<i>Access</i>	Westbound shoulder		

## Instrumentation

<i>Device Type</i>	CSI
<i>Anemometer</i>	RMYoung
<i>Air/Rel Humidity</i>	HMP45C
<i>Precipitation</i>	DRD11A
<i>Camera:</i>	(2) CC640
<i>Sub-grade Temp:</i>	None
<i>Road Sensors:</i>	<i>No of Sensors</i> 0
	<i>Type of Sensors</i> None
<i>Power Source</i>	Solar 80 W 2 - 12 VDC



## Communication

<i>Com to Site</i>	Blue-Tree
<i>Communication No</i>	166.154.68.107
<i>Export/ATMS Source</i>	MesoAtmo.dat

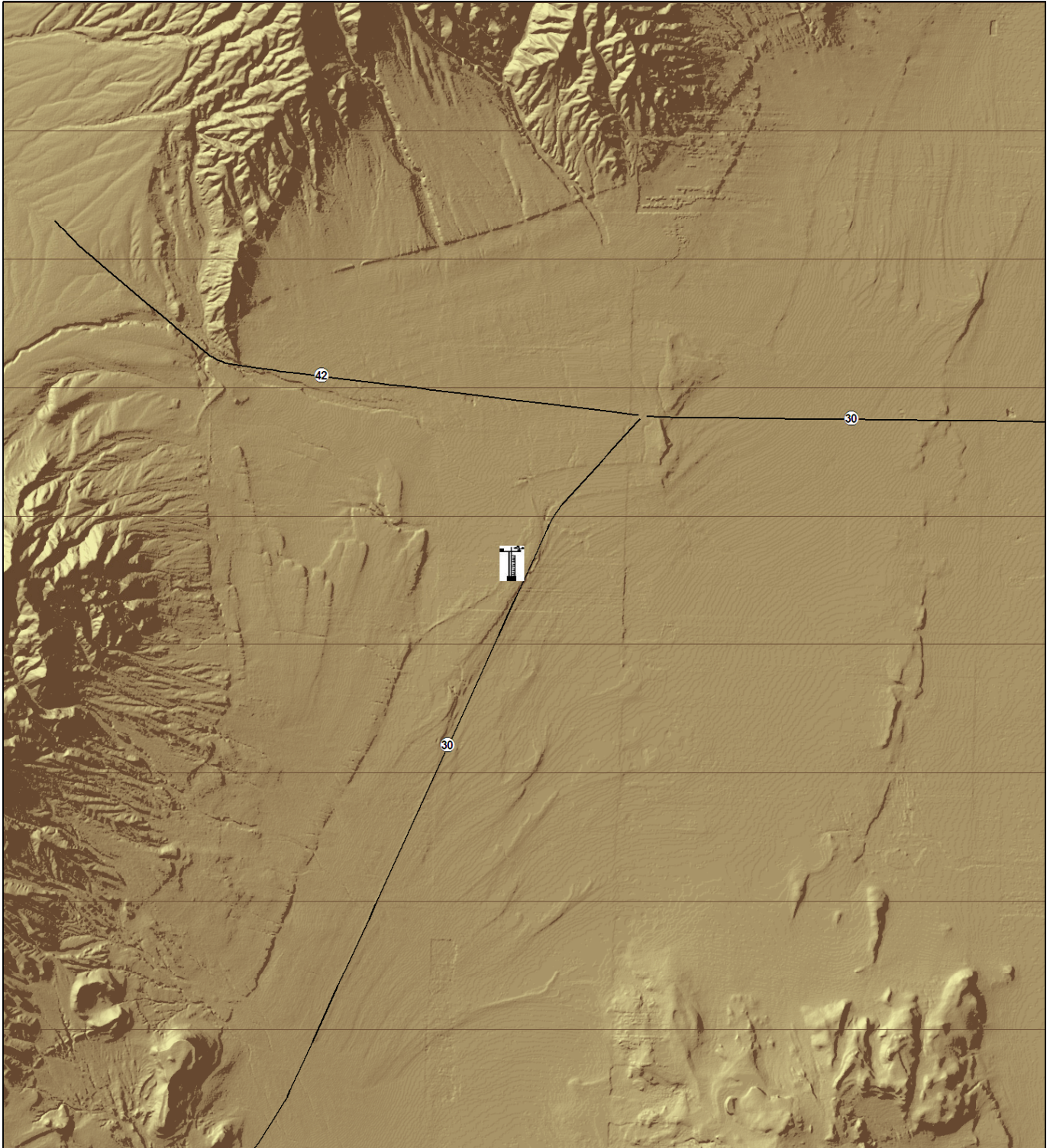
## Site Description

Gap in the mountains to the NW.

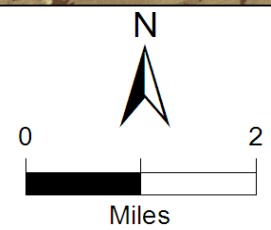
## Comments



# SR-30 @ Curlew



- ◆ Maintenance Station
- Interstate
- US Route
- State Route



# SR-30

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## Identification

<i>Route</i>	30	<i>Longitude</i>	-112.0218
<i>Mile Post</i>		<i>Latitude</i>	41.7790
<i>Region</i>	1	<i>Elevation (ft)</i>	4990
<i>Mesowest ID:</i>	ut30		
<i>Access</i>	Westbound shoulder		

## Instrumentation

<i>Device Type</i>	CSI		
<i>Anemometer</i>	RMYoung		
<i>Air/Rel Humidity</i>	HMP45C		
<i>Precipitation</i>	DRD11A		
<i>Camera:</i>	CC640		
<i>Sub-grade Temp:</i>	No		
<i>Road Sensors:</i>	<i>No of Sensors</i>	0	
	<i>Type of Sensors</i>	None	
<i>Power Source</i>	Solar	80 W	2 12VDC

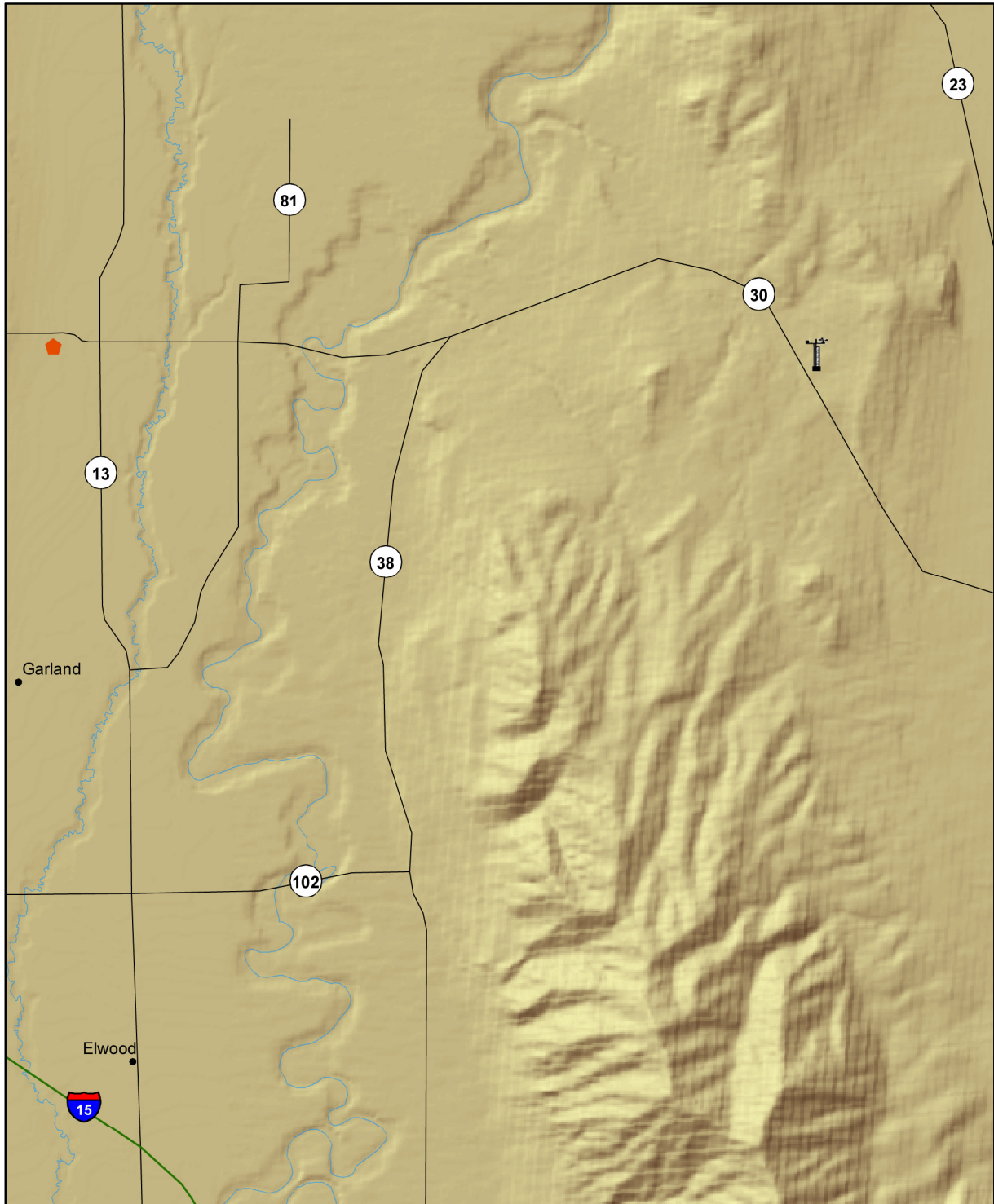
## Communication





<i>Com to Site</i>	Blue-Tree
<i>Communication No</i>	166.241.179.181
<i>Export/ATMS Source</i>	MesoAtmo.dat

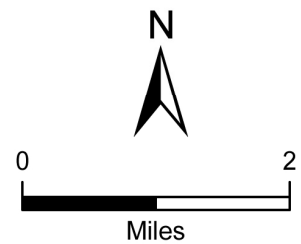
## Comments

## Site Description

# SR 30



-  RWIS
-  Maintenance Station
-  Interstate
-  Major Road



# SR-31 @ Skyline

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## Identification

*Route* 31  
*Mile Post* 11.71  
*Region* 4  
*Mesowest ID:* sky  
*Access* WB shoulder

*Longitude* -111.3291  
*Latitude* 39.6361  
*Elevation (ft)* 9331

## Instrumentation

*Device Type* CSI  
*Anemometer* RM Young  
*Air/Rel Humidity* HMP45C  
*Precipitation* None  
*Camera:* CC640  
*Sub-grade Temp:*  
*Road Sensors:* *No of Sensors* 0  
*Type of Sensors*  
*Power Source* Hard Line



## Communication

*Com to Site* Blue-Tree  
*Communication No* 166.154.68.90  
*Export/ATMS Source* MesoAtmo.dat & MesoRoad.dat

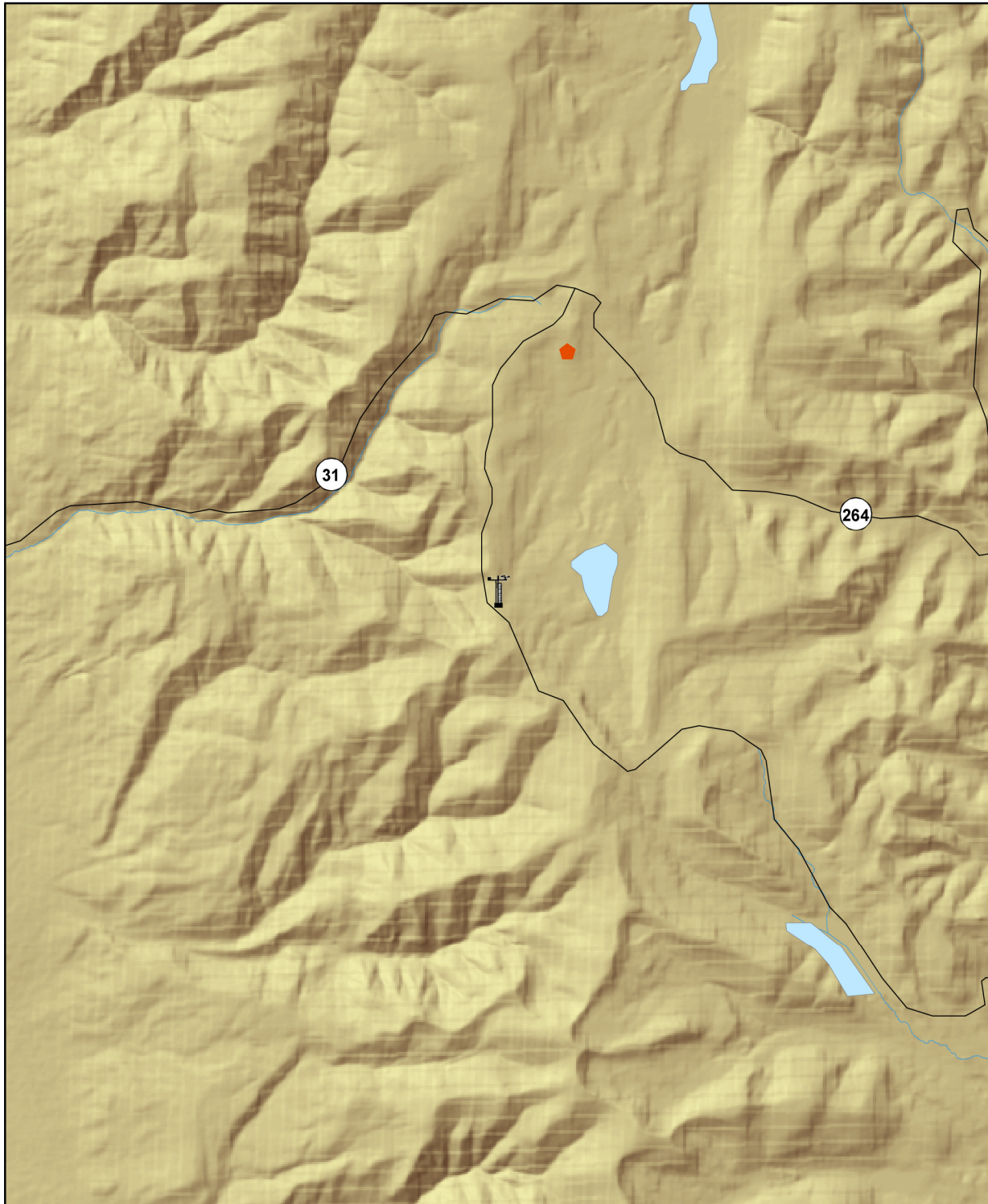
## Comments





Contains a Sonic snow depth sensor and a snow depth stake.

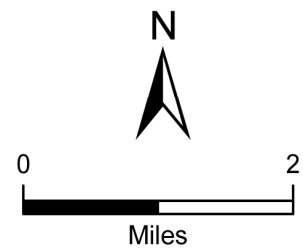
## Site Description

Mountain ridge top. Tall Pines

# SR 31 @ Skyline



-  RWIS
-  Maintenance Station
-  Interstate
-  Major Road



# SR-35 @ Wolf Creek

## Identification

*Route* 35  
*Mile Post* 9.71  
*Region* 3  
*Mesowest ID:* kms  
*Access* EB shoulder a short way past a river bridge

*Longitude* -111.1345  
*Latitude* 40.5574  
*Elevation (ft)* 7152

## Instrumentation

*Device Type* CSI  
*Anemometer* RM Young  
*Air/Rel Humidity* HMP50  
*Precipitation* MetOne  
*Camera:* None  
*Sub-grade Temp:*  
*Road Sensors:* *No of Sensors* 0  
*Type of Sensors*  
*Power Source* Hard Line



## Communication

*Com to Site* Hard Dial  
*Communication No* 435-783-6632  
*Export/ATMS Source* meso1.dat & meso2.dat

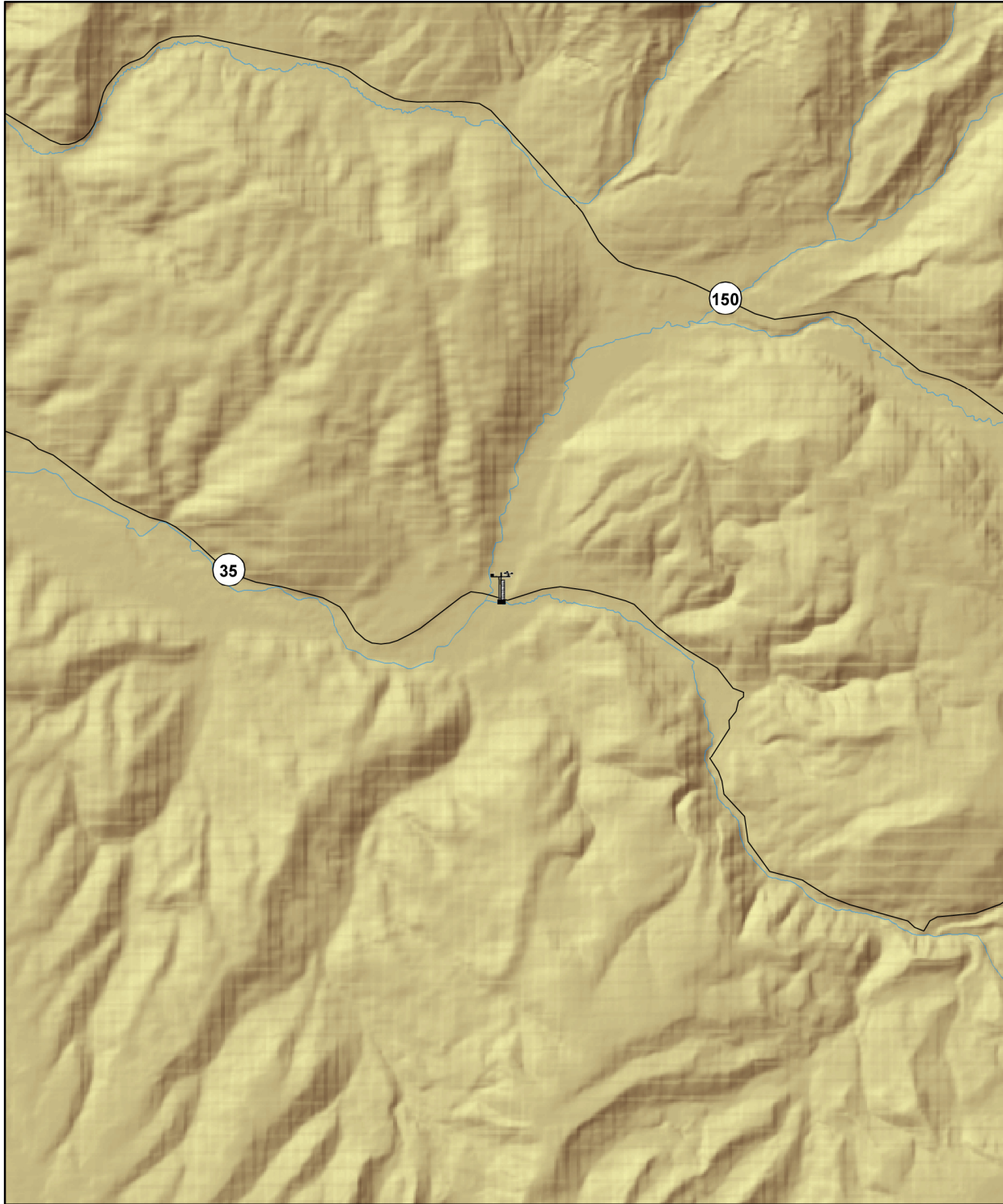
## Comments





Has an Insolation Sensor

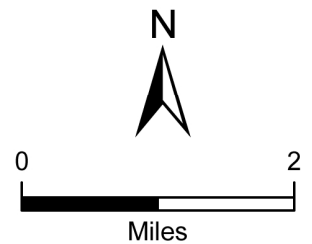
## Site Description

Small river valley. Farm/grazing lands. Tree covered hills. An abutment to the North

# SR 35 @ Wolf Creek



-  RWIS
-  Maintenance Station
-  Interstate
-  Major Road



# US-89 @ Logan Summit

## Identification

*Route* 89  
*Mile Post* 489.72  
*Region* 1  
*Mesowest ID:* lgs  
*Access* On the west side of UDOT  
Maintenance Station 145

*Longitude* -111.4919  
*Latitude* 41.9535  
*Elevation (ft)* 7603

## Instrumentation

*Device Type* CSI  
*Anemometer* RM Young  
*Air/Rel Humidity* None  
*Precipitation* Tipping Bucket  
*Camera:* None  
*Sub-grade Temp:*  
*Road Sensors:* *No of Sensors* 0  
*Type of Sensors*  
*Power Source* Hard Line



## Communication

*Com to Site* Hard Dial  
*Communication No* 435-946-8248  
*Export/ATMS Source* meso1.dat & meso2.dat

## Comments

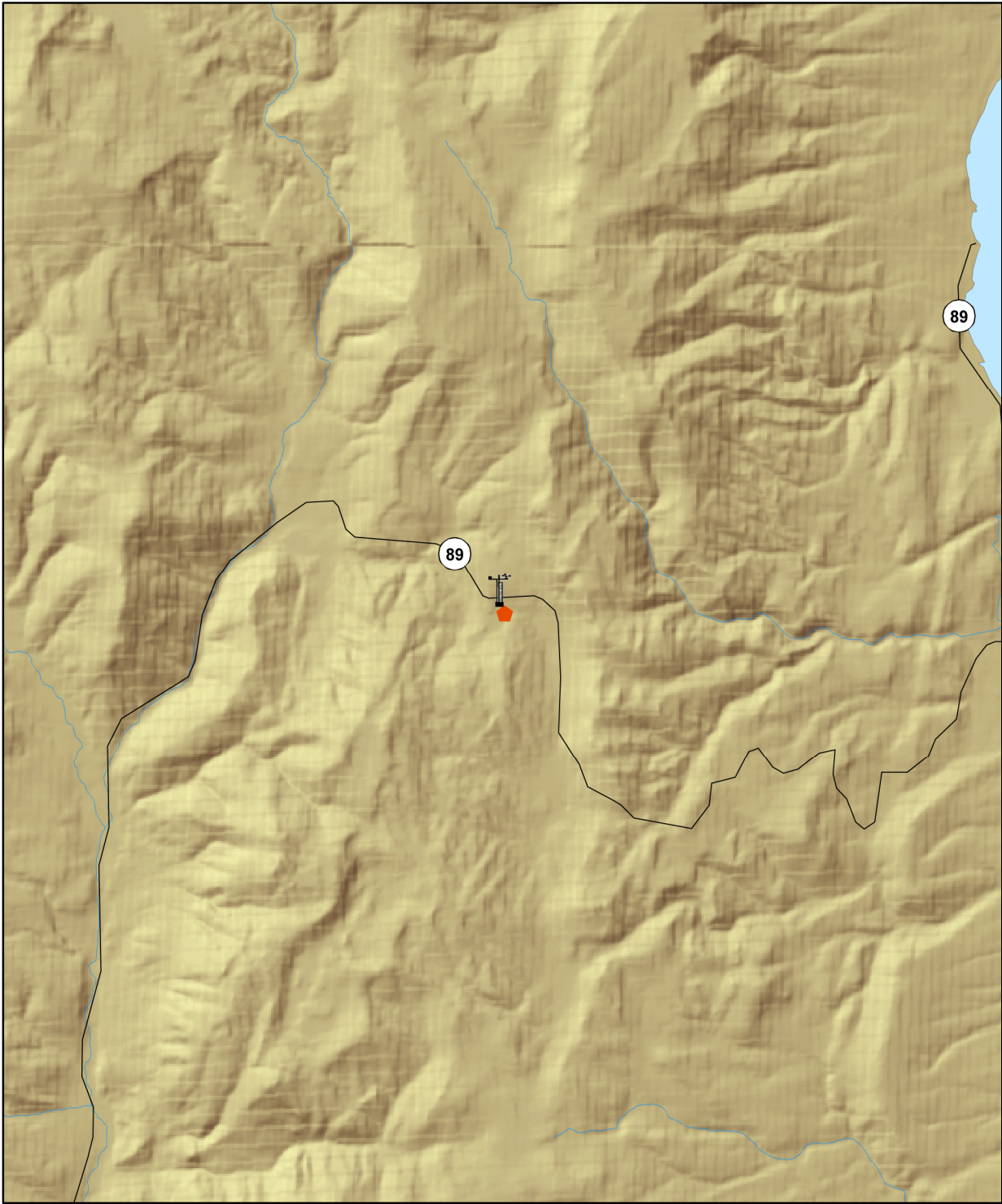
Snow depth Sensor on site


## Site Description

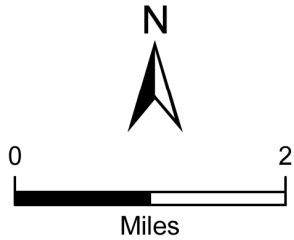
Affixed to the side of a building.  
Mountain pass with tall pines



# SR 89 @ Logan Summit



-  RWIS
-  Maintenance Station
-  Interstate
-  Major Road



# US-89 @ Sardine

## Identification

*Route* 89  
*Mile Post* 12.66  
*Region* 1  
*Mesowest ID:* swH  
*Access* SB shoulder. Next to the entrance to Sherwood Hills Resort. Between Brigham City and Logan.

*Longitude* -111.9757  
*Latitude* 41.5839  
*Elevation (ft)* 5658

## Instrumentation

*Device Type* CSI  
*Anemometer* RM Young  
*Air/Rel Humidity* HMP45C  
*Precipitation* DRD11A  
*Camera:* CC640  
*Sub-grade Temp:* No  
*Road Sensors:* *No of Sensors* 1  
*Type of Sensors* Lufft  
*Power Source* Hard Line



## Communication

*Com to Site* Blue-Tree  
*Communication No* 166.154.68.88  
*Export/ATMS Source* MesoAtmo.dat & MesoRoad.dat

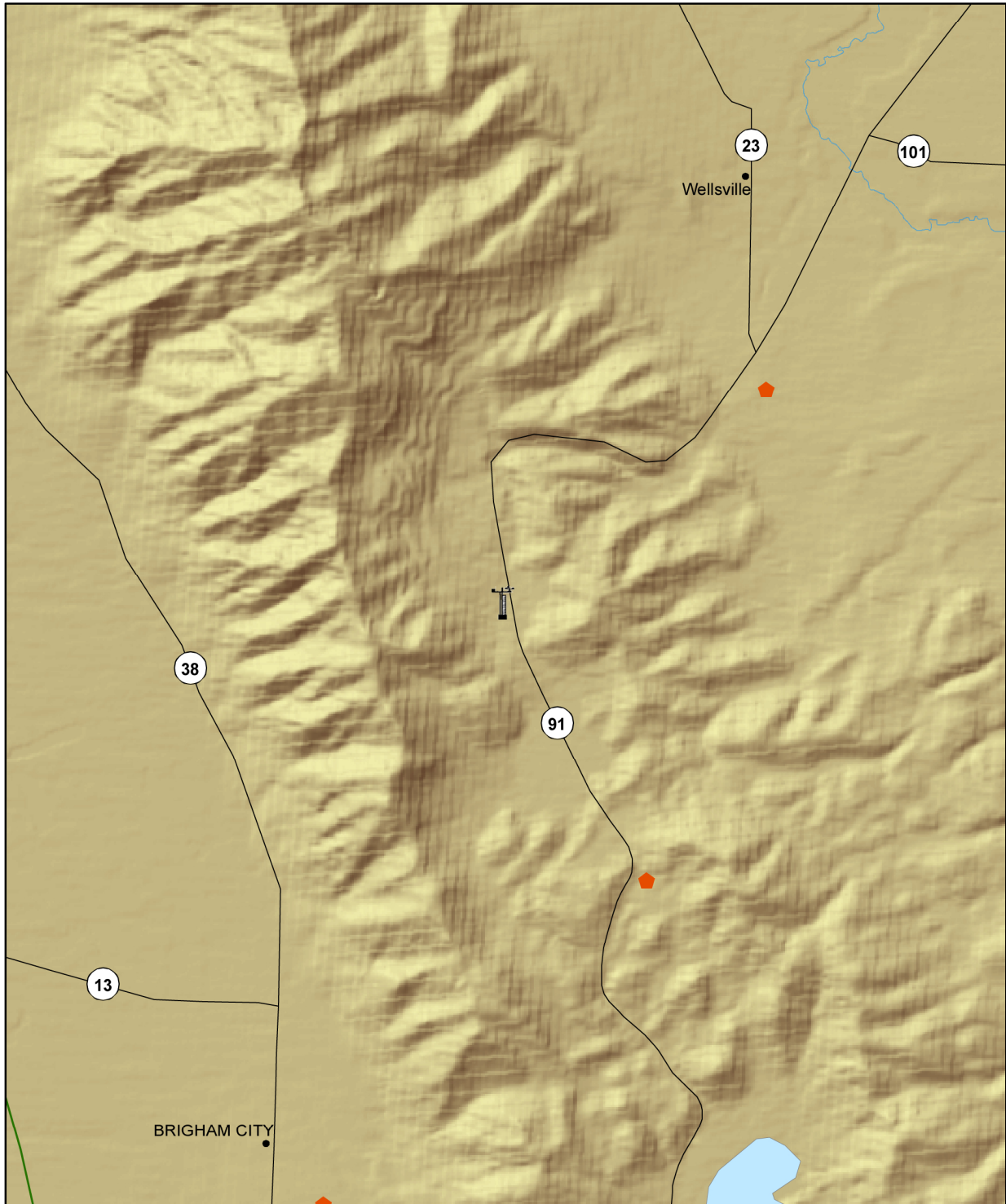
## Comments

Upgraded to Campbell in 2007

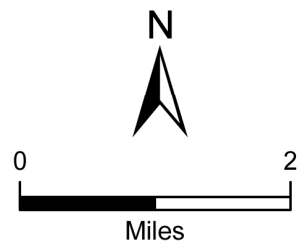
## Site Description

Tree covered mountains to the West. Hills to the East.

# SR 89 @ Sardine



-  RWIS
-  Maintenance Station
-  Interstate
-  Major Road



# SR 95 @ Salvation Knoll

## Identification

*Route* 95  
*Mile Post* 97.00  
*Region* 4  
*Mesowest ID:* utsal  
*Access* Eastbound shoulder

*Longitude* -109.8186  
*Latitude* 37.5646  
*Elevation (ft)* 7110

## Instrumentation

*Device Type* CSI  
*Anemometer* RMYoung  
*Air/Rel Humidity* HMP45C  
*Precipitation* DRD11A  
*Camera:* CC640  
*Sub-grade Temp:* No  
*Road Sensors:* *No of Sensors* 0  
*Type of Sensors* None  
*Power Source* Solar 80 W 2 12VDC



## Communication

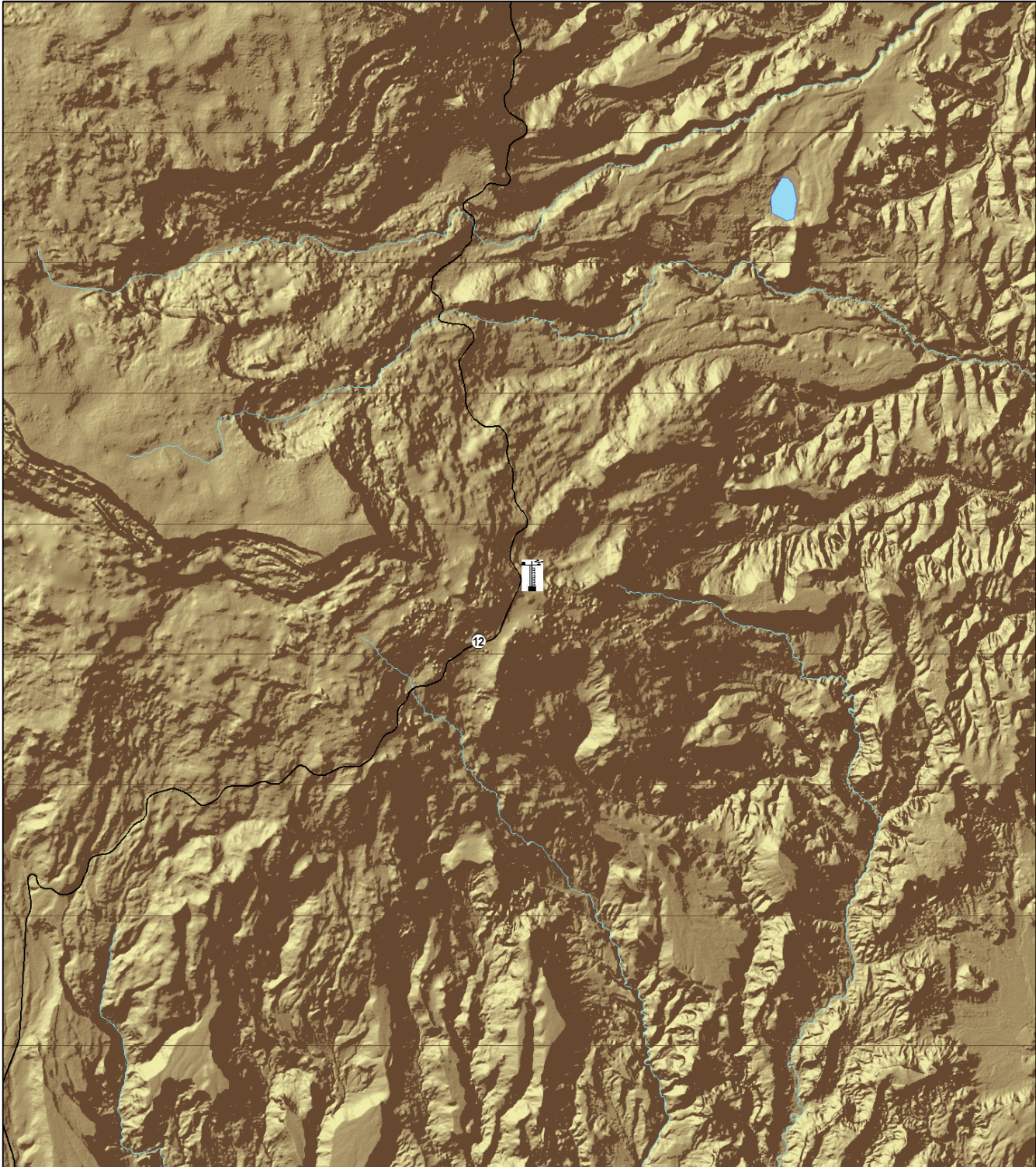
*Com to Site* Blue-Tree  
*Communication No* 166.154.68.108  
*Export/ATMS Source* MesoAtmo.dat

## Comments

## Site Description

Cut in the road to the west, open to the north.

# SR-12 @ Boulder Summit

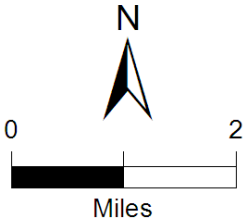


📍 Maintenance Station

— Interstate

— US Route

— State Route



# SR-111 @ Bacchus

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## Identification

<i>Route</i>	111	<i>Longitude</i>	-112.0559
<i>Mile Post</i>	4.16	<i>Latitude</i>	40.6352
<i>Region</i>	2	<i>Elevation (ft)</i>	5172
<i>Mesowest ID:</i>	bac		
<i>Access</i>	SB shoulder		

## Instrumentation

<i>Device Type</i>	CSI
<i>Anemometer</i>	RM Young
<i>Air/Rel Humidity</i>	HMP45C
<i>Precipitation</i>	DRD11A
<i>Camera:</i>	CC640 (2)
<i>Sub-grade Temp:</i>	107
<i>Road Sensors:</i>	<i>No of Sensors</i> 1
	<i>Type of Sensors</i> Lufft
<i>Power Source</i>	Solar



## Communication

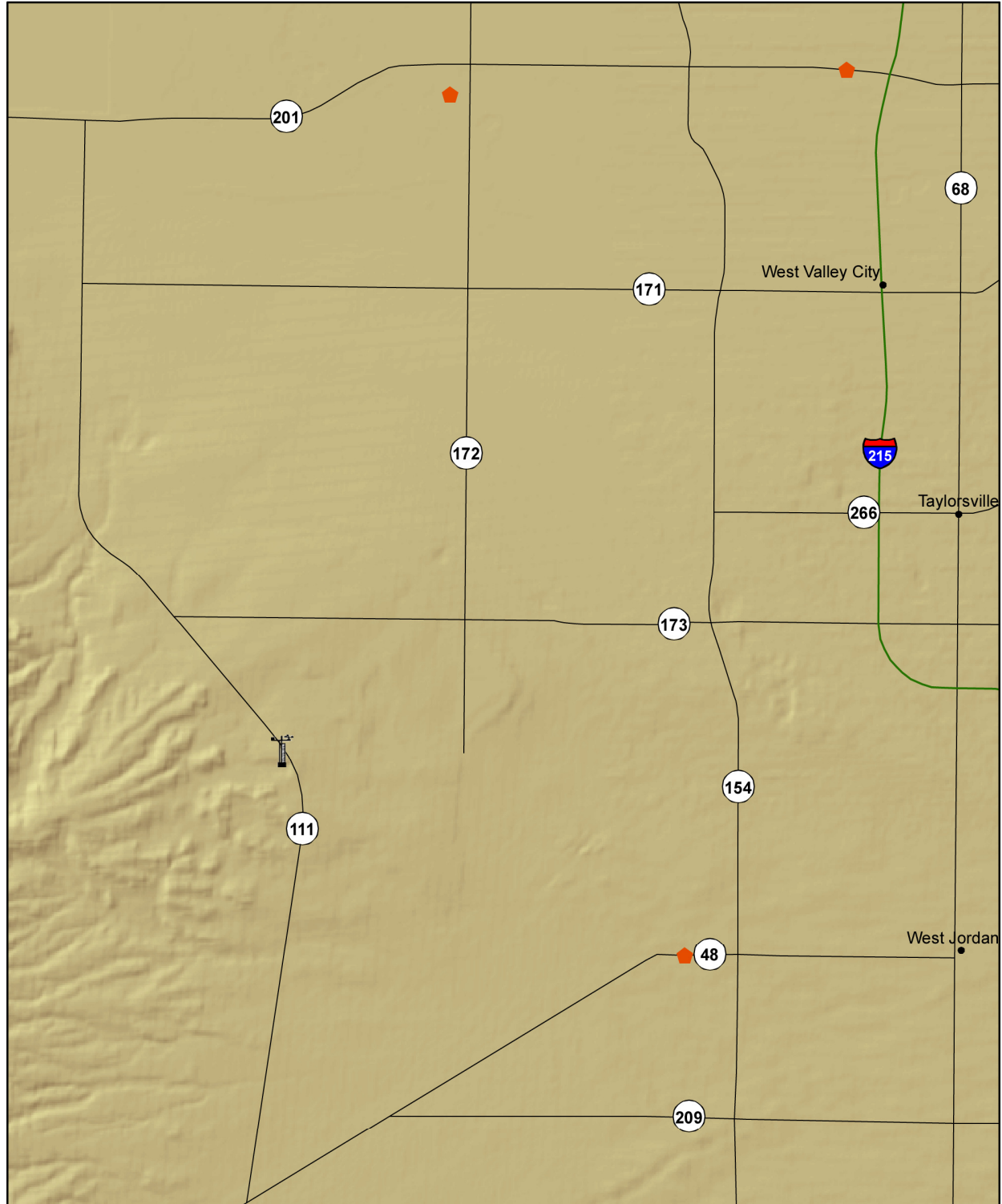
<i>Com to Site</i>	Blue-Tree
<i>Communication No</i>	166.154.68.87
<i>Export/ATMS Source</i>	MesoAtmo.dat & MesoRoad.dat





## Comments

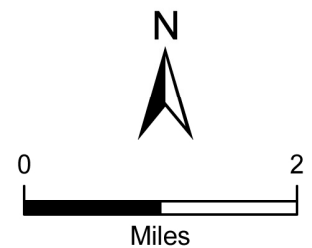
## Site Description

Undeveloped part of SL. Grass and brush. RWIS on a rise in SR111. Mountains to the West. Valley to the East

# SR 111 @ Bacchus



-  RWIS
-  Maintenance Station
-  Interstate
-  Major Road



# SR-167 @ Trappers Loop

## Identification

*Route* 167  
*Mile Post* 6.88  
*Region* 1  
*Mesowest ID:* tpr

*Longitude* -111.8166  
*Latitude* 41.2058  
*Elevation (ft)* 6057

*Access* At Morgan/Weber county line. NB shoulder behind forest service fence. Climb over gate or go south btwn 8th and 9th fenceposts where barbed wire is down.

## Instrumentation

*Device Type* CSI  
*Anemometer* RM Young  
*Air/Rel Humidity* HMP45C  
*Precipitation* DRD11A  
*Camera:* CC640  
*Sub-grade Temp:* 107  
*Road Sensors:* *No of Sensors* 1  
*Type of Sensors* Lufft  
*Power Source* Solar



## Communication

*Com to Site* CDPD  
*Communication No* 166.161.134.158  
*Export/ATMS Source* MesoAtmo.dat & MesoRoad.dat

## Comments

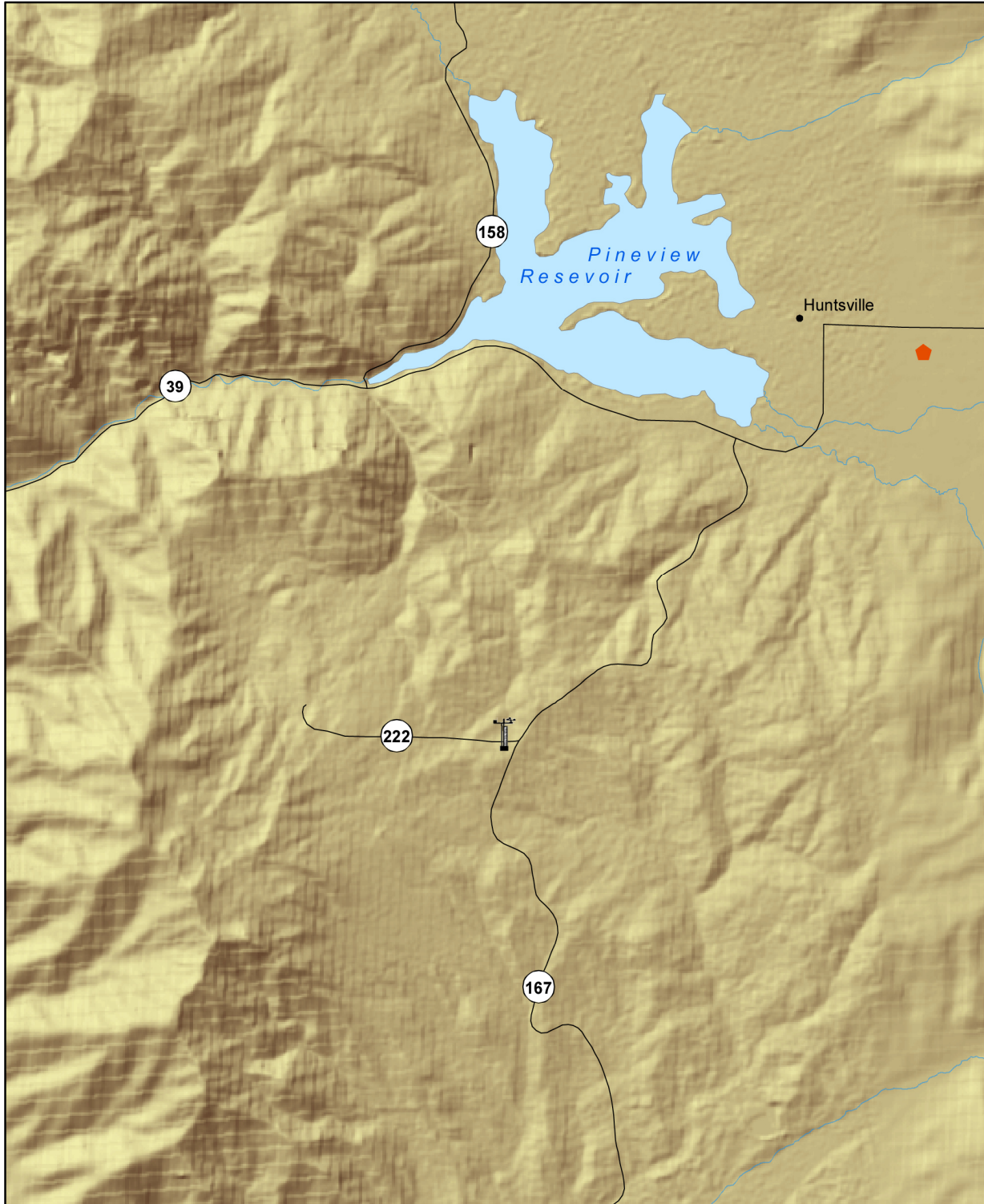
Upgraded from SSI to CSI  
6/24/08. Not using pucks





## Site Description

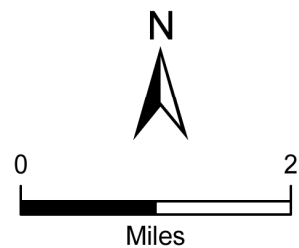
On a brush and tree covered hillside. Mountains immediately West



# SR 167 @ Trappers Loop



-  RWIS
-  Maintenance Station
-  Interstate
-  Major Road



# SR-248

## Identification

<i>Route</i>	248	<i>Longitude</i>	-111.3849
<i>Mile Post</i>		<i>Latitude</i>	40.6338
<i>Region</i>	3	<i>Elevation (ft)</i>	6900
<i>Mesowest ID:</i>	utr248		
<i>Access</i>	SR-248 on north side shoulder.		

## Instrumentation

<i>Device Type</i>	CSI		
<i>Anemometer</i>	RMYoung		
<i>Air/Rel Humidity</i>	HMP45C		
<i>Precipitation</i>	DRD11A		
<i>Camera:</i>	(2) CC640		
<i>Sub-grade Temp:</i>	107		
<i>Road Sensors:</i>	<i>No of Sensors</i>	1	
	<i>Type of Sensors</i>	Lufft	
<i>Power Source</i>	Solar	80 W	2-12 volt



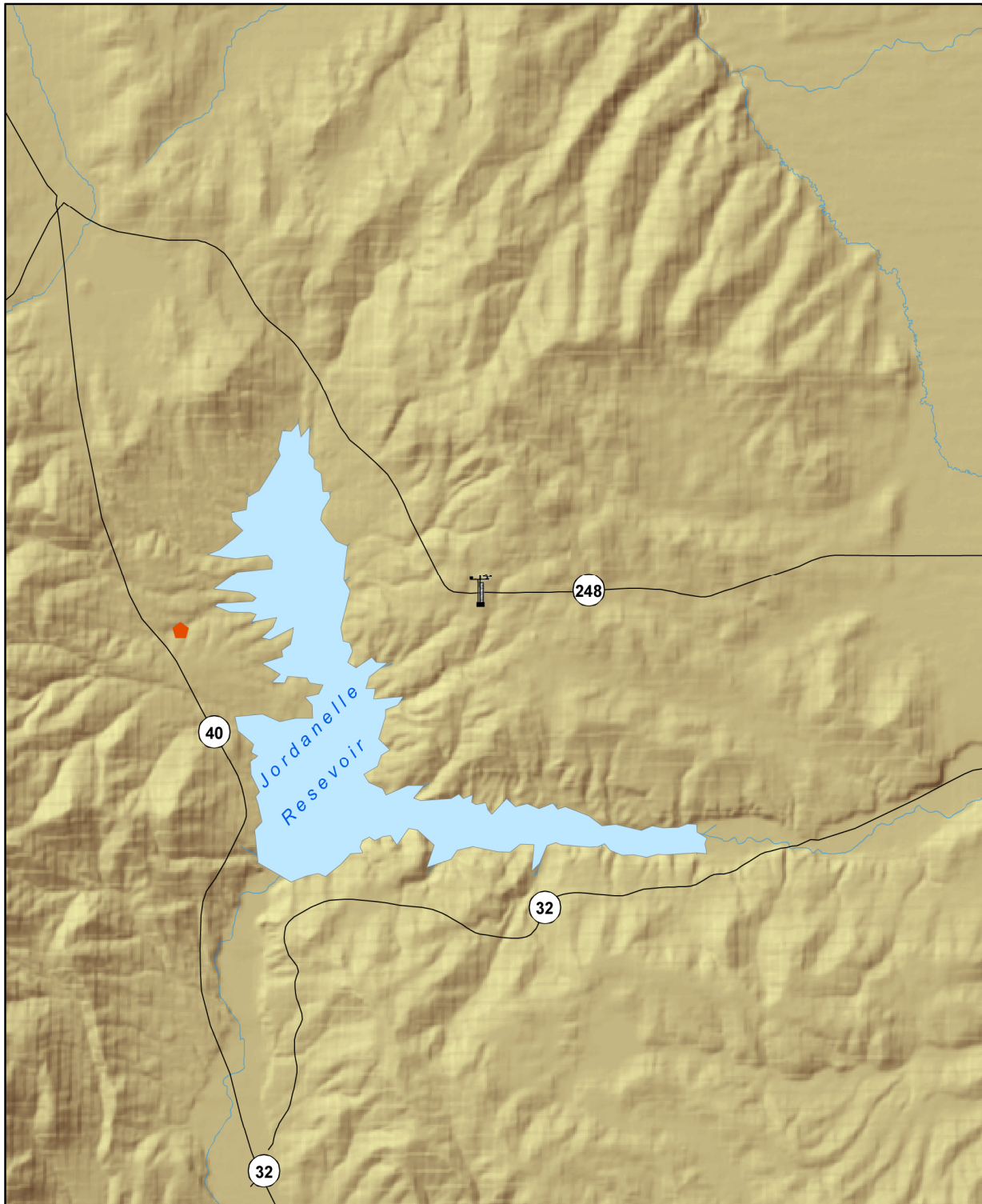
## Communication





<i>Com to Site</i>	Blue-Tree
<i>Communication No</i>	166.154.68.85
<i>Export/ATMS Source</i>	MesoAtmo.dat & MesoRoad.dat

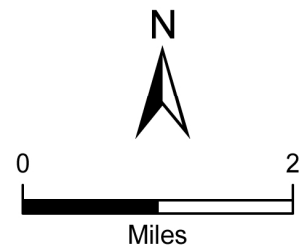
## Comments

## Site Description

# SR 248



-  RWIS
-  Maintenance Station
-  Interstate
-  Major Road



# US-6 @ Kings Canyon

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## Identification

<i>Route</i>	6	<i>Longitude</i>
<i>Mile Post</i>	22.70	<i>Latitude</i>
<i>Region</i>	4	<i>Elevation (ft)</i>
<i>Mesowest ID:</i>	utkng	
<i>Access</i>	SR 6 between Delta the Nevada border	

## Instrumentation

<i>Device Type</i>	CSI
<i>Anemometer</i>	RM Young
<i>Air/Rel Humidity</i>	HMP45A
<i>Precipitation</i>	
<i>Camera:</i>	None
<i>Sub-grade Temp:</i>	
<i>Road Sensors:</i>	<i>No of Sensors</i> 1
	<i>Type of Sensors</i> Lufft

*Power Source*

## Communication

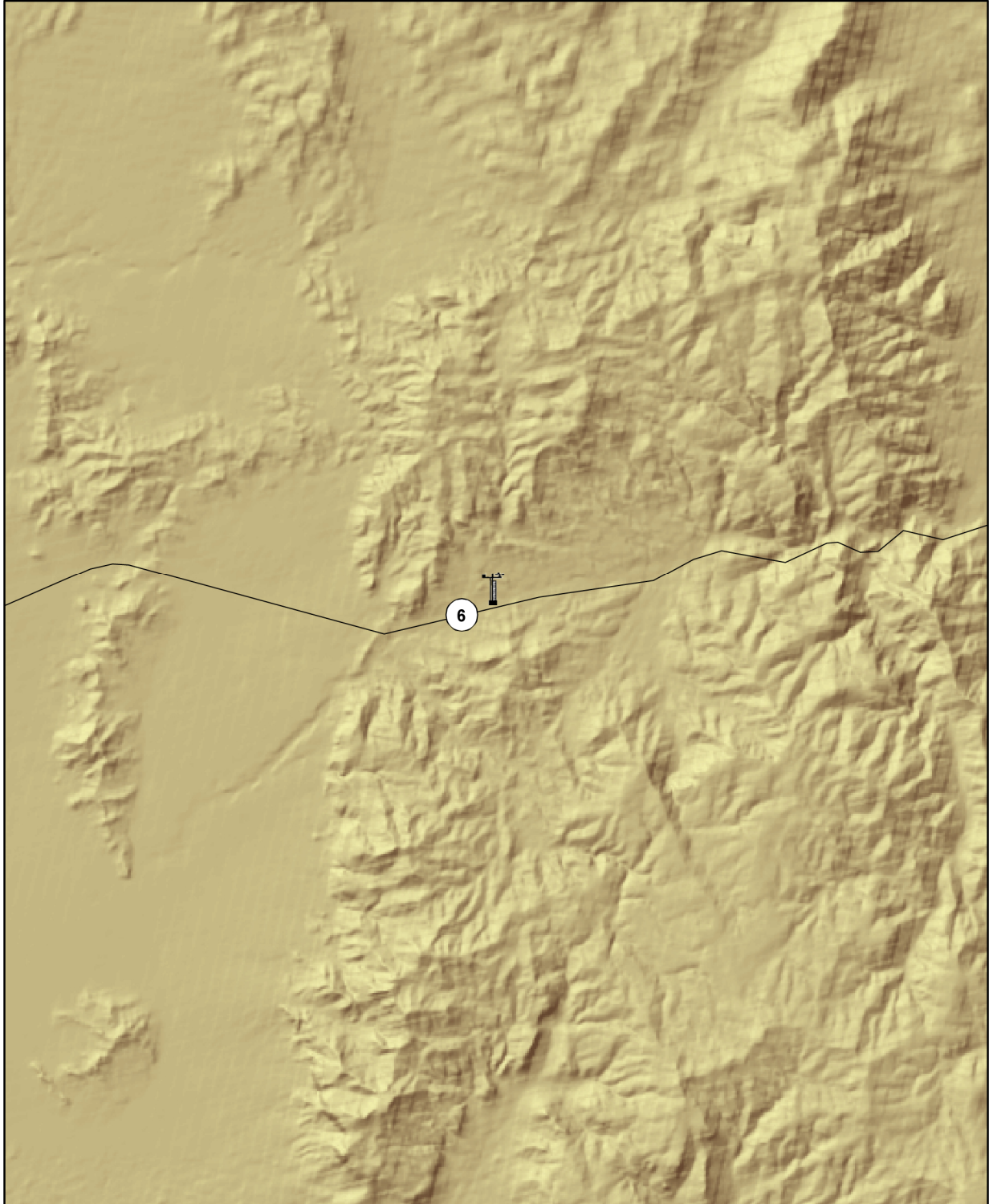
*Com to Site*  
*Communication No*  
*Export/ATMS Source*





## Comments

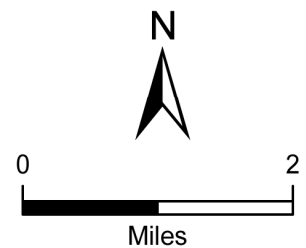
NWS site

## Site Description

# US 6 @ Kings Canyon



-  RWIS
-  Maintenance Station
-  Interstate
-  Major Road



# US-6 @ Red Narrows

## Identification

**Route** 6  
**Mile Post** 192.90  
**Region** 3  
**Mesowest ID:** rdn  
**Access** At Summit/Salt Lake County line.  
EB shoulder just before brake test area

**Longitude** -111.3701  
**Latitude** 39.9890  
**Elevation (ft)** 5582

## Instrumentation

**Device Type** CSI  
**Anemometer** RM Young  
**Air/Rel Humidity** HMP45C  
**Precipitation** DRD11A  
**Camera:** CC640  
**Sub-grade Temp:** 107  
**Road Sensors:** *No of Sensors* 1  
*Type of Sensors* Lufft  
**Power Source** Solar



## Communication

**Com to Site** Hard Dial  
**Communication No** 435-870-8757  
**Export/ATMS Source** MesoAtmo.dat & MesoRoad.dat

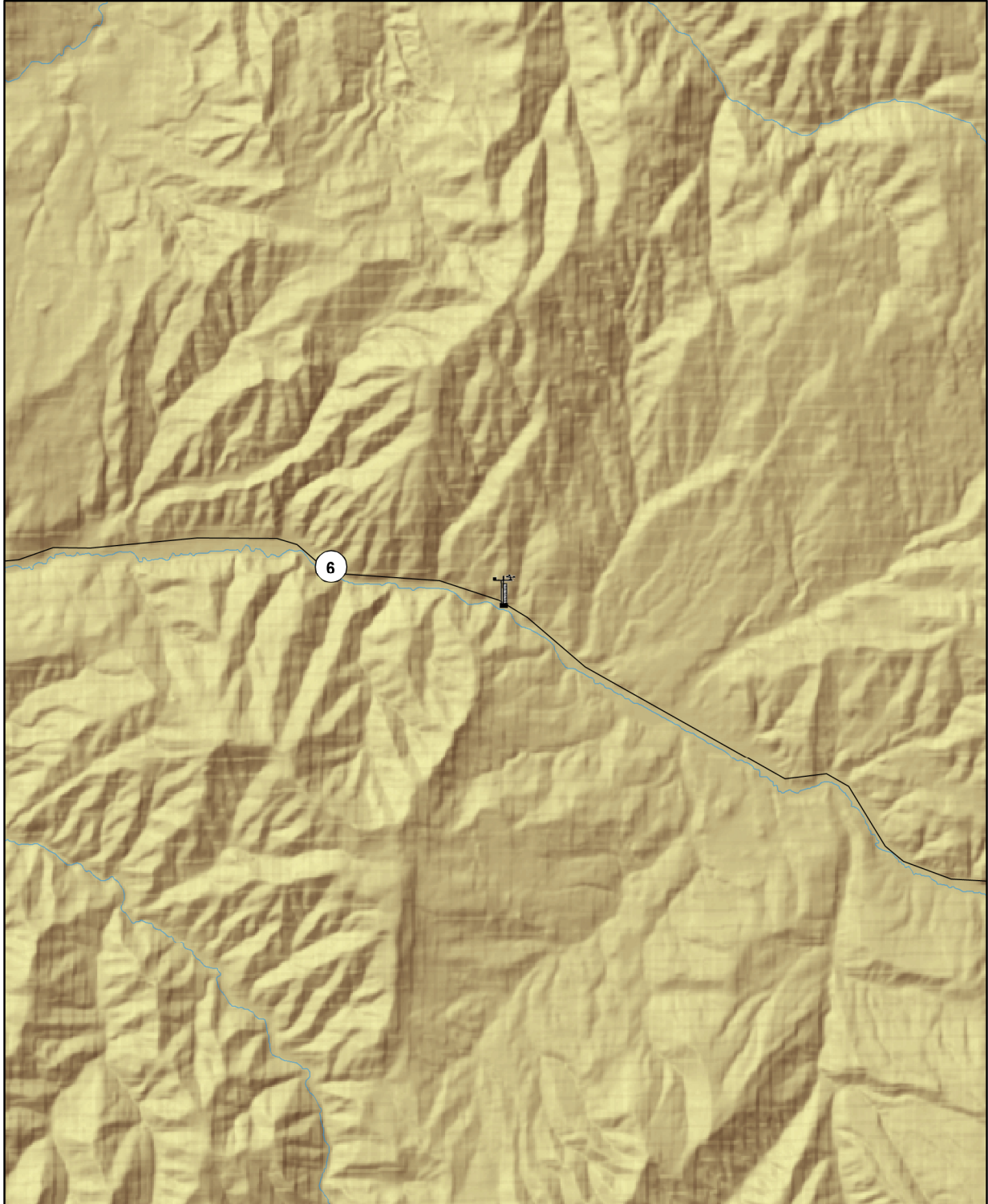
## Comments





Upgraded from SSI to CSI.

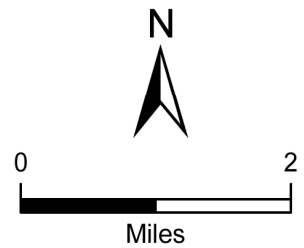
## Site Description

Mountain pass. Shrubs and trees.  
On the west side of a hill slope

# US 6 @ Red Narrows



-  RWIS
-  Maintenance Station
-  Interstate
-  Major Road



# US-6 @ Soldier Summit

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## Identification

**Route** 6  
**Mile Post** 210.39  
**Region** 3  
**Mesowest ID:** utslid  
**Access** SB shoulder at Wasatch/Utah county line. Conoco station just to the south

**Longitude** -111.0832  
**Latitude** 39.9283  
**Elevation (ft)** 7477

## Instrumentation

**Device Type** CSI  
**Anemometer** RM Young  
**Air/Rel Humidity** HMP45C  
**Precipitation** DRD11A  
**Camera:** CC640  
**Sub-grade Temp:** 107  
**Road Sensors:** *No of Sensors* 1  
*Type of Sensors* Lufft  
**Power Source** Hard Line



## Communication

**Com to Site** Hard Dial  
**Communication No** 435-870-8759  
**Export/ATMS Source** MesoAtmo.dat & MesoRoad.dat

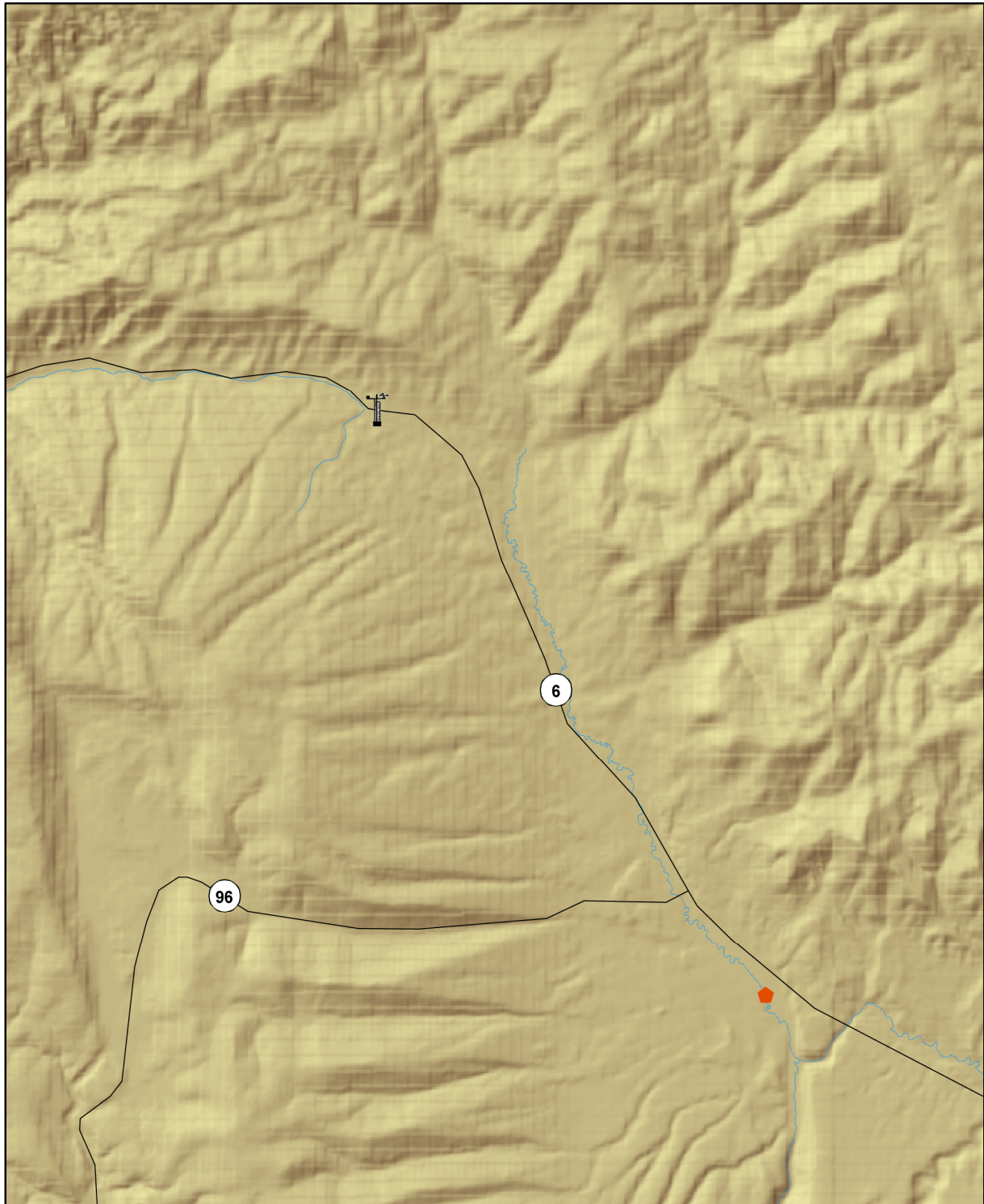
## Comments





## Site Description

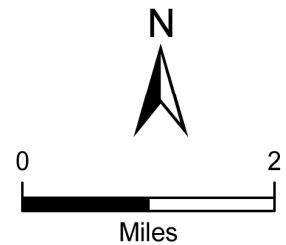
Mountain pass. Grass, brush, evergreens and deciduous trees



# US 6 @ Soldier Summit



-  RWIS
-  Maintenance Station
-  Interstate
-  Major Road



## US-6 @ Eureka

### Identification

<i>Route:</i>	6	<i>Longitude:</i>	-112.1022
<i>Mile post:</i>		<i>Latitude:</i>	39.9597
<i>Region:</i>	3	<i>Elevation (ft):</i>	6584
<i>Mesowest ID:</i>	uteur		
<i>Access:</i>			

### Instrumentation

<i>Device Type:</i>	CSI
<i>Anemometer:</i>	RM Young
<i>Air/Relative Humidity:</i>	HMP45C
<i>Precipitation:</i>	DRD11A
<i>Camera:</i>	CC640
<i>Sub-grade temp:</i>	No
<i>Road Sensors:</i>	<i>Number of Sensors:</i> 0
	<i>Type of Sensors:</i>
<i>Power Source:</i>	

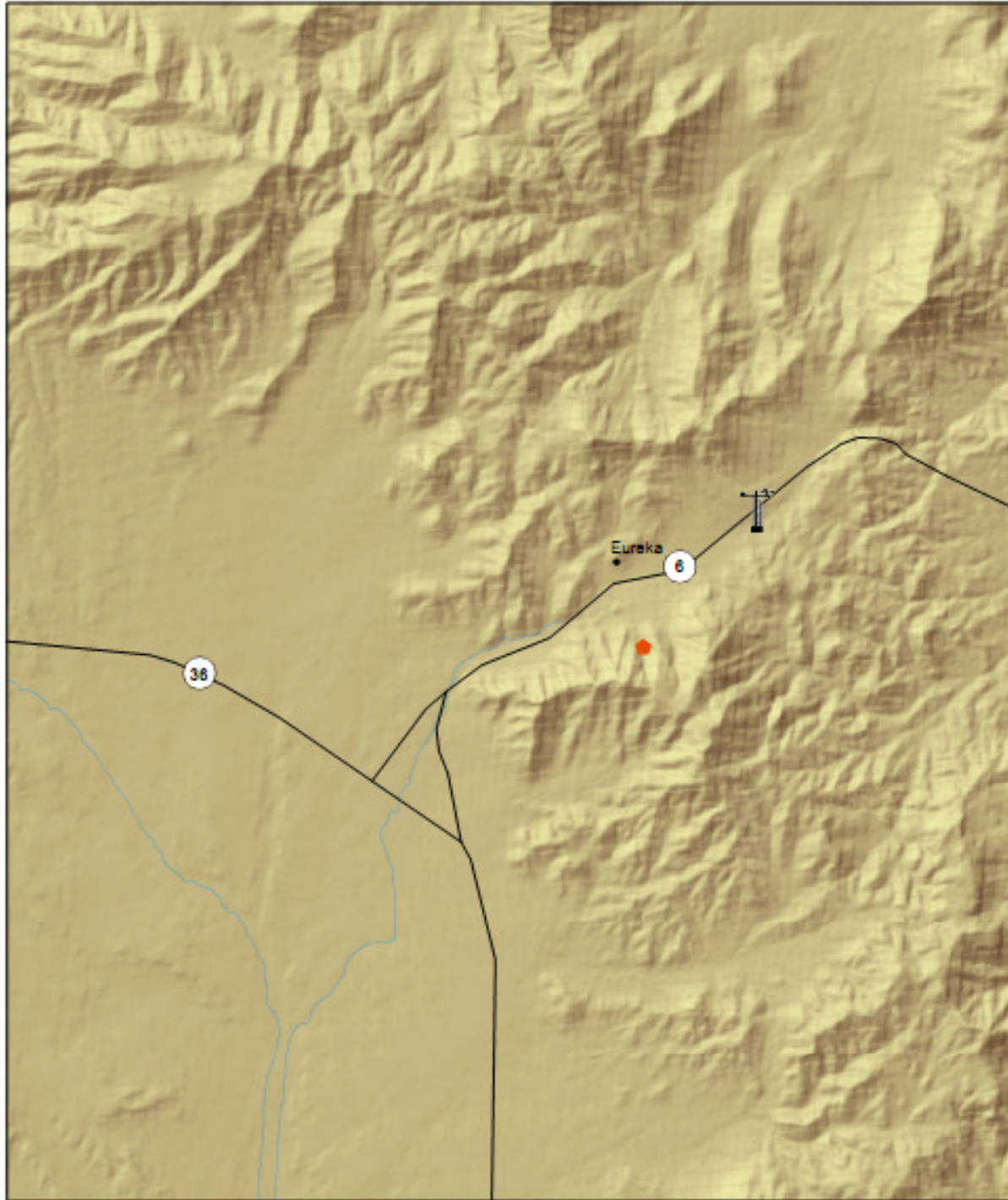
### Communication

<i>Com to site:</i>	Blue Tree
<i>Communication No:</i>	166.241.179.180
<i>Export/ATMS source:</i>	MesoAtmo.dat

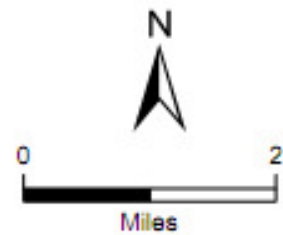
### Comments

### Site Description

# US 6 @ Eureka



-  RWIS
-  Maintenance Station
-  Major Road
-  Interstate



## US-6 @ Helper

### Identification

<i>Route:</i>	6	<i>Longitude:</i>	-110.8628
<i>Mile post:</i>		<i>Latitude:</i>	39.694
<i>Region:</i>	4	<i>Elevation (ft):</i>	5867
<i>Mesowest ID:</i>	UTHLP		
<i>Access:</i>			

### Instrumentation

<i>Device Type:</i>	CSI
<i>Anemometer:</i>	RM Young
<i>Air/Relative Humidity:</i>	HMP45C
<i>Precipitation:</i>	DRD11A
<i>Camera:</i>	CC640
<i>Sub-grade temp:</i>	No
<i>Road Sensors:</i>	<i>Number of Sensors:</i> 0
	<i>Type of Sensors:</i>
<i>Power Source:</i>	

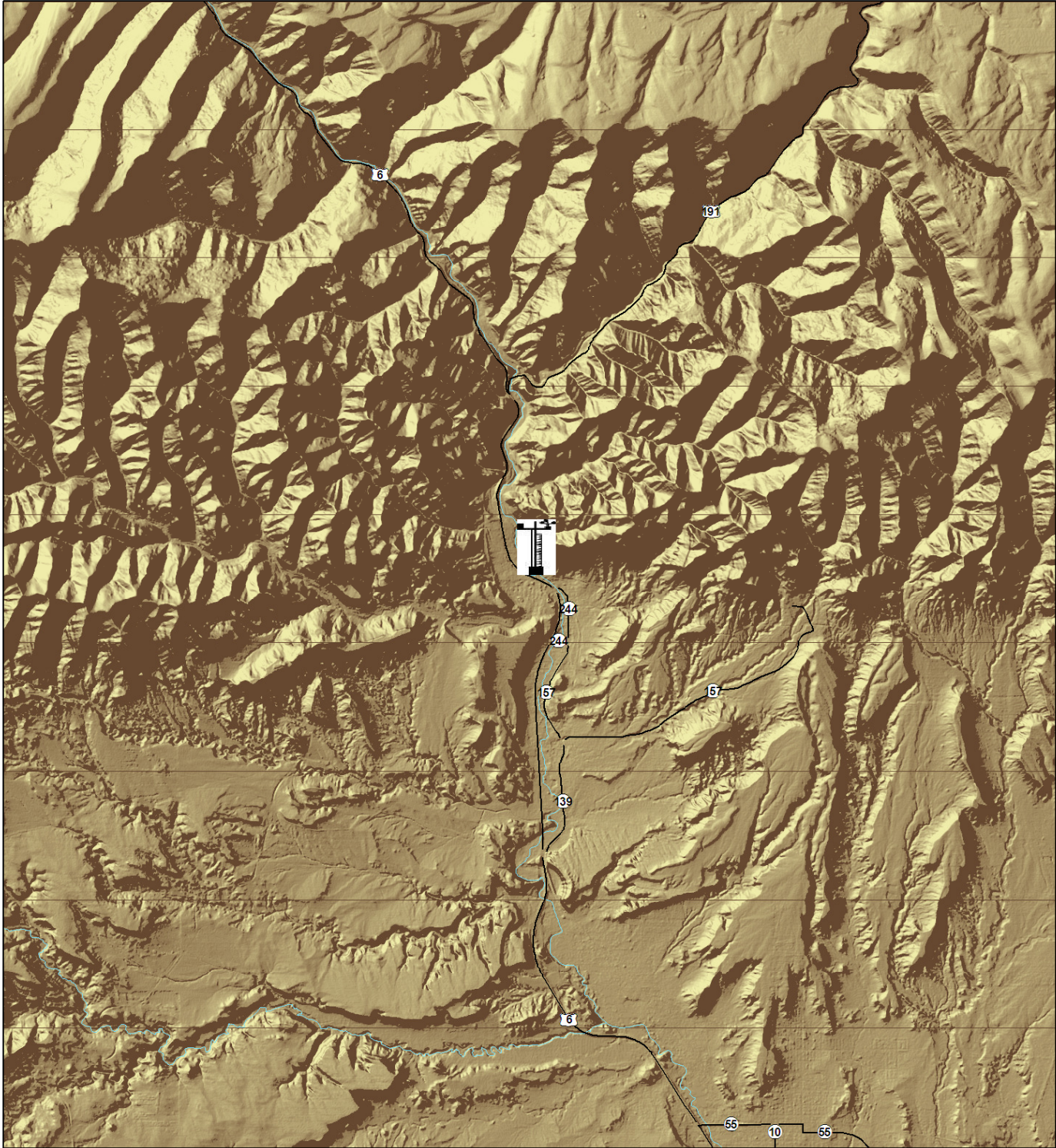
### Communication





<i>Com to site:</i>	Blue Tree
<i>Communication No:</i>	166.154.68.97
<i>Export/ATMS source:</i>	MesoAtmo.dat

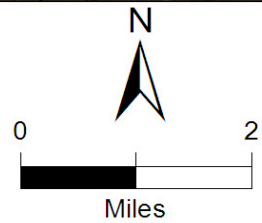
### Comments

### Site Description

# US-6 @ Helper



-  Maintenance Station
-  Interstate
-  US Route
-  State Route



## SR-189 @ Provo Canyon

### Identification

<i>Route:</i>	189	<i>Longitude:</i>	-111.6133
<i>Mile post:</i>	10.0	<i>Latitude:</i>	40.3341
<i>Region:</i>	3	<i>Elevation (ft):</i>	5119
<i>Mesowest ID:</i>	UTPCY		
<i>Access:</i>			

### Instrumentation

<i>Device Type:</i>	CSI
<i>Anemometer:</i>	RM Young
<i>Air/Relative Humidity:</i>	HMP45C
<i>Precipitation:</i>	DRD11A
<i>Camera:</i>	None
<i>Sub-grade temp:</i>	No
<i>Road Sensors:</i>	<i>Number of Sensors:</i> 0
	<i>Type of Sensors:</i>
<i>Power Source:</i>	

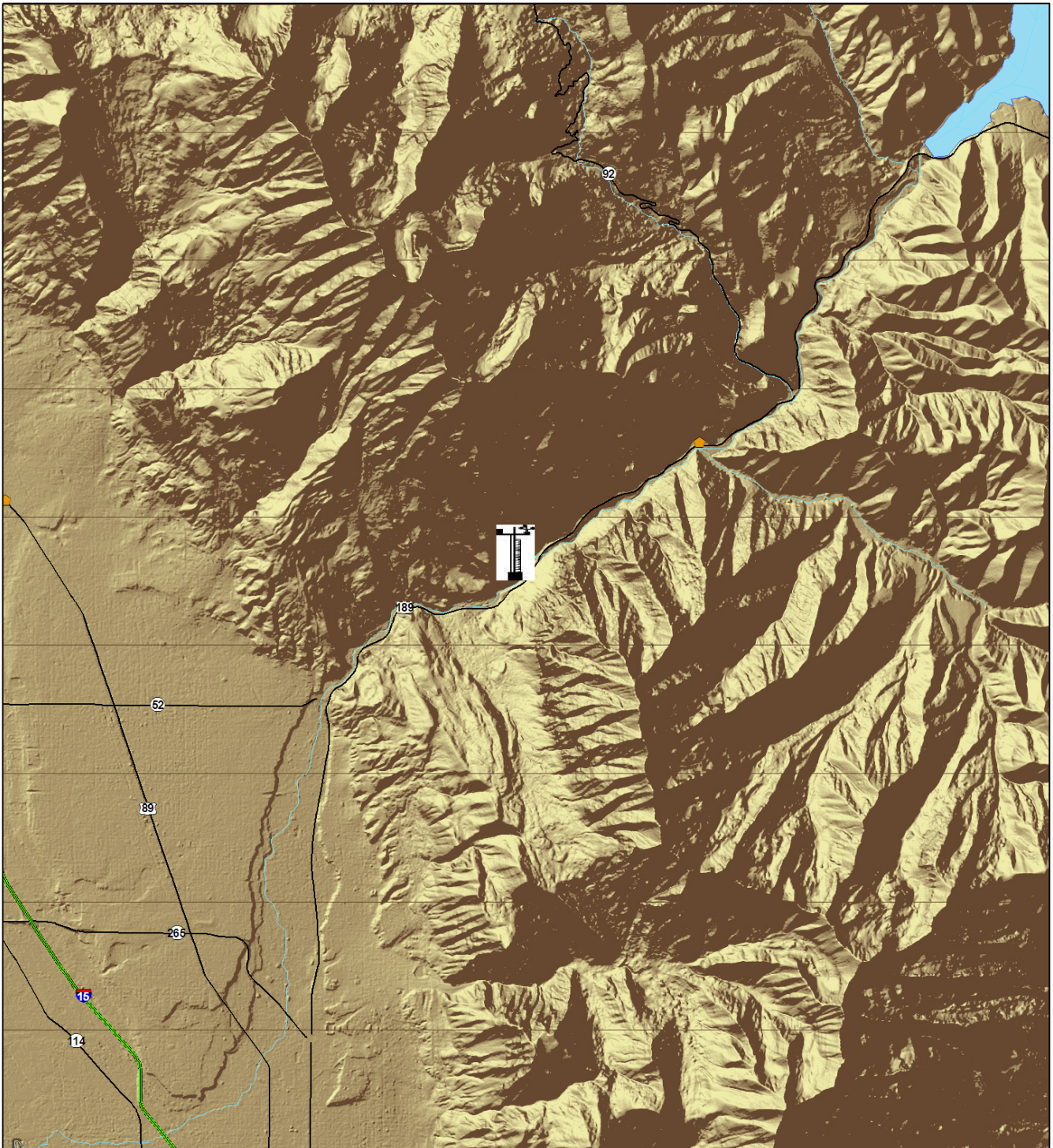
### Communication

<i>Com to site:</i>	Fiber
<i>Communication No:</i>	10.166.9.180
<i>Export/ATMS source:</i>	MesoAtmo.dat

### Comments

### Site Description

# SR-189 @ Provo Canyon

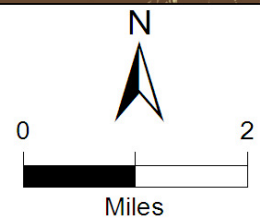


◆ Maintenance Station

— Interstate

— US Route

— State Route



# SR-201 @ 800 W

## Identification

*Route:* 201  
*Mile post:* 17.20  
*Region:* 2  
*Mesowest ID:* UT22  
*Access:*

*Longitude:* -111.9140  
*Latitude:* 40.7240  
*Elevation (ft):* 4259

## Instrumentation

*Device Type:* CSI  
*Anemometer:* None  
*Air/Relative Humidity:* None  
*Precipitation:* None  
*Camera:* None  
*Sub-grade temp:* No  
*Road Sensors:* *Number of Sensors:* 1  
*Type of Sensors:*

DSC/DST111

*Power Source:*

## Communication

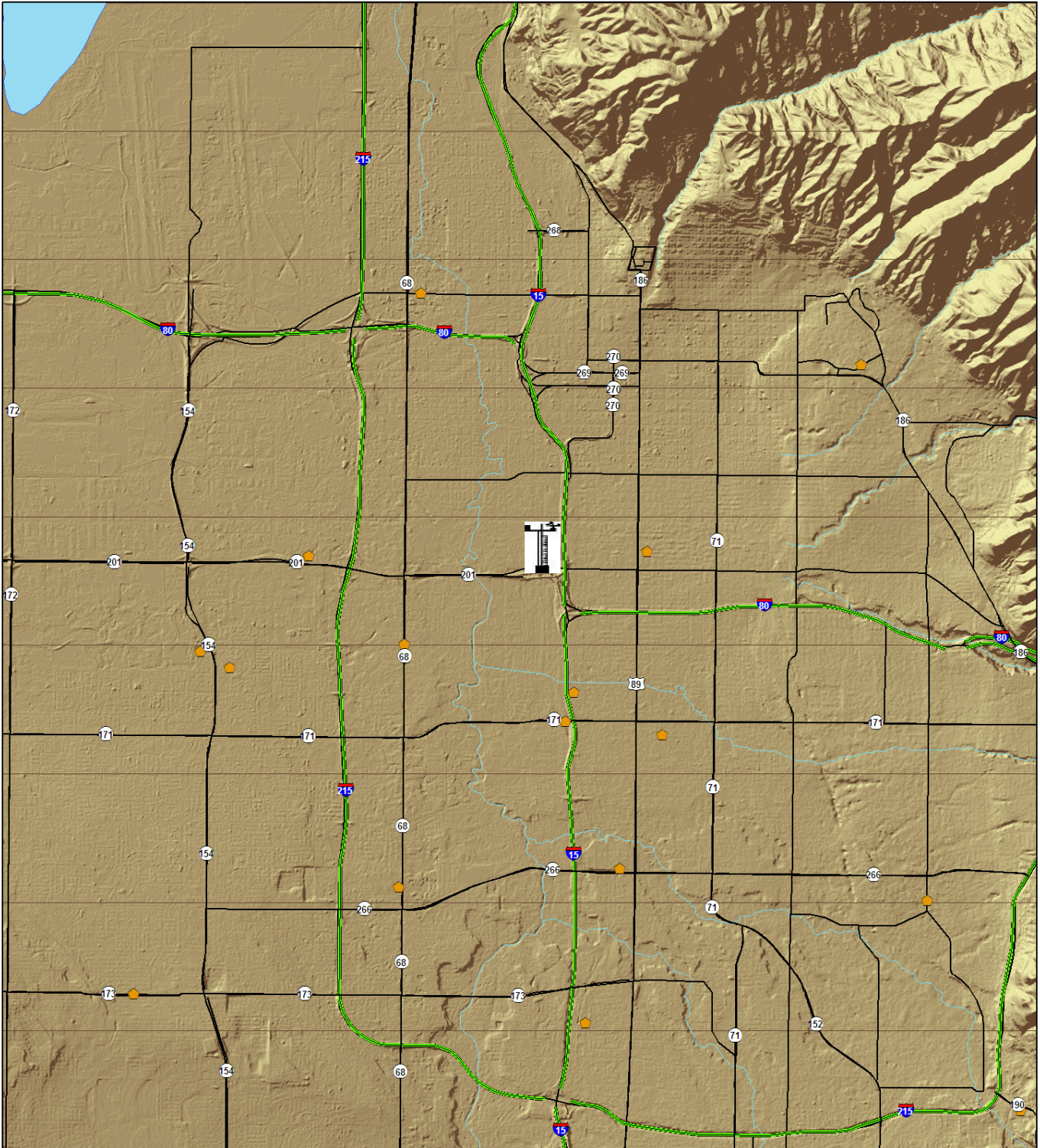
*Com to site:* Fiber  
*Communication No:* 10.205.5.86  
*Export/ATMS source:* dsc.dat

## Comments

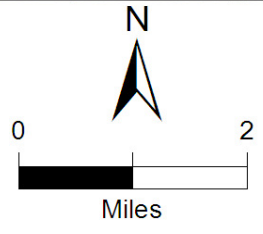
## Site Description



# SR-189 @ Provo Canyon



- ◆ Maintenance Stations
- Interstate
- US Route
- State Route



# US-40 @ Mayflower Summit

## Identification

<i>Route</i>	40	<i>Longitude</i>	-111.4569
<i>Mile Post</i>		<i>Latitude</i>	40.6529
<i>Region</i>	3	<i>Elevation (ft)</i>	6929
<i>Mesowest ID:</i>	utmfs		
<i>Access</i>	West side Shoulder at the summit.		

## Instrumentation

<i>Device Type</i>	CSI		
<i>Anemometer</i>	RMYoung		
<i>Air/Rel Humidity</i>	HMP45C		
<i>Precipitation</i>	DRD11A		
<i>Camera:</i>	(2) CC640		
<i>Sub-grade Temp:</i>	107		
<i>Road Sensors:</i>	<i>No of Sensors</i>	1	
	<i>Type of Sensors</i>	Lufft	
<i>Power Source</i>	Solar	80 W	2-12 volt



## Communication

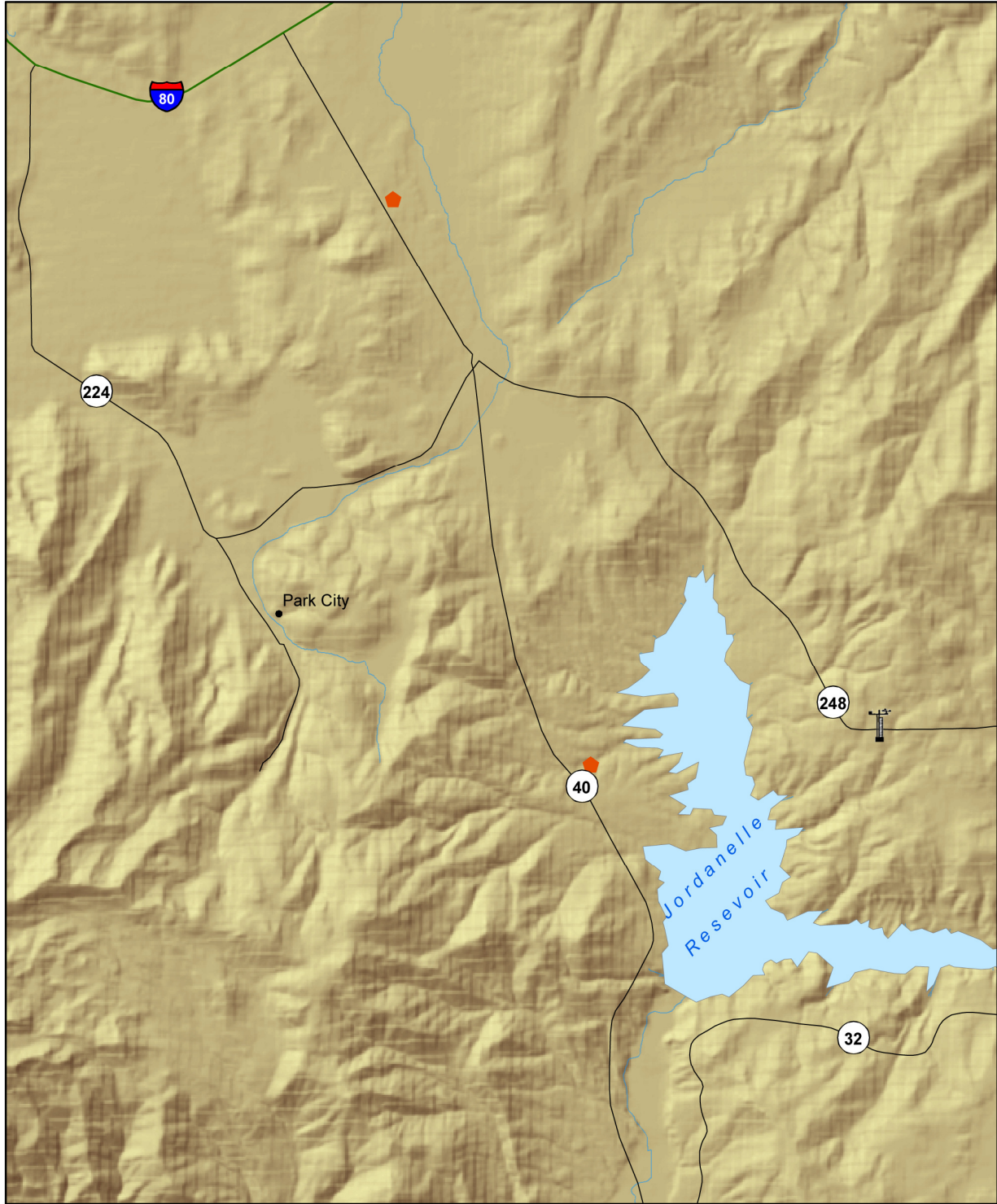
<i>Com to Site</i>	Blue-Tree
<i>Communication No</i>	166.154.68.84
<i>Export/ATMS Source</i>	MesoAtmo.dat & MesoRoad.dat

## Comments

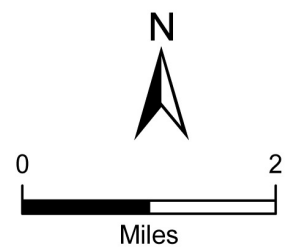
## Site Description

At the summit with hills to the west and east.

# US 40 @ Mayflower Summit



-  RWIS
-  Maintenance Station
-  Interstate
-  Major Road



# US-40 @ Heber

## Identification

*Route* 40  
*Mile Post*  
*Region* 3  
*Mesowest ID:* utheb  
*Access* West side shoulder

*Longitude* -111.4288  
*Latitude* 40.5636  
*Elevation (ft)* 5733

## Instrumentation

*Device Type* CSI  
*Anemometer* RMYoung  
*Air/Rel Humidity* HMP45C  
*Precipitation* DRD11A  
*Camera:* (2) CC640  
*Sub-grade Temp:* (2) 107  
*Road Sensors:* *No of Sensors* 2  
*Type of Sensors* Lufft  
*Power Source* Solar 80 W 2-12 volt



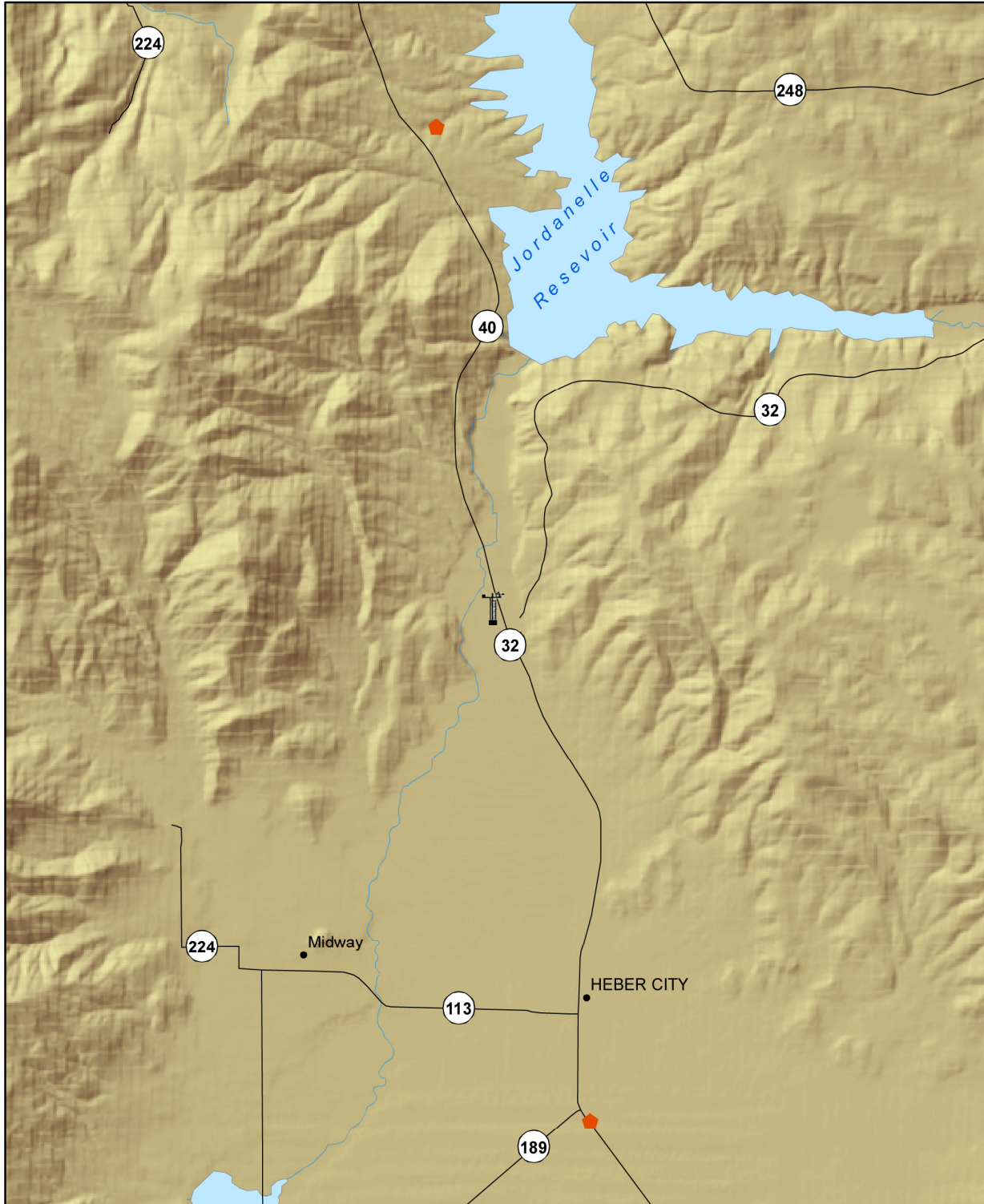
## Communication





*Com to Site* Blue-Tree  
*Communication No* 166.154.68.83  
*Export/ATMS Source* MesoAtmo.dat & MesoRoad.dat

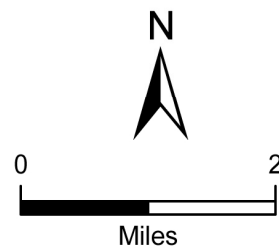
## Comments

## Site Description

# US 40 @ Heber



-  RWIS
-  Maintenance Station
-  Interstate
-  Major Road



# US-40 @ Starvation

## Identification

<i>Route</i>	40	<i>Longitude</i>	-110.4930
<i>Mile Post</i>	81.50	<i>Latitude</i>	40.1726
<i>Region</i>	3	<i>Elevation (ft)</i>	5773
<i>Mesowest ID:</i>	utstv		
<i>Access</i>	EB shoulder just past the bridge over the reservoir		

## Instrumentation

<i>Device Type</i>	CSI	
<i>Anemometer</i>	RM Young	
<i>Air/Rel Humidity</i>	HMP45C	
<i>Precipitation</i>	DRD11A	
<i>Camera:</i>	CC640	
<i>Sub-grade Temp:</i>	107	
<i>Road Sensors:</i>	<i>No of Sensors</i>	1
	<i>Type of Sensors</i>	Lufft
<i>Power Source</i>	Hard Line	



## Communication

<i>Com to Site</i>	Blue-Tree	
<i>Communication No</i>	166.154.68.106	
<i>Export/ATMS Source</i>	MesoAtmo.dat & MesoRoad.dat	

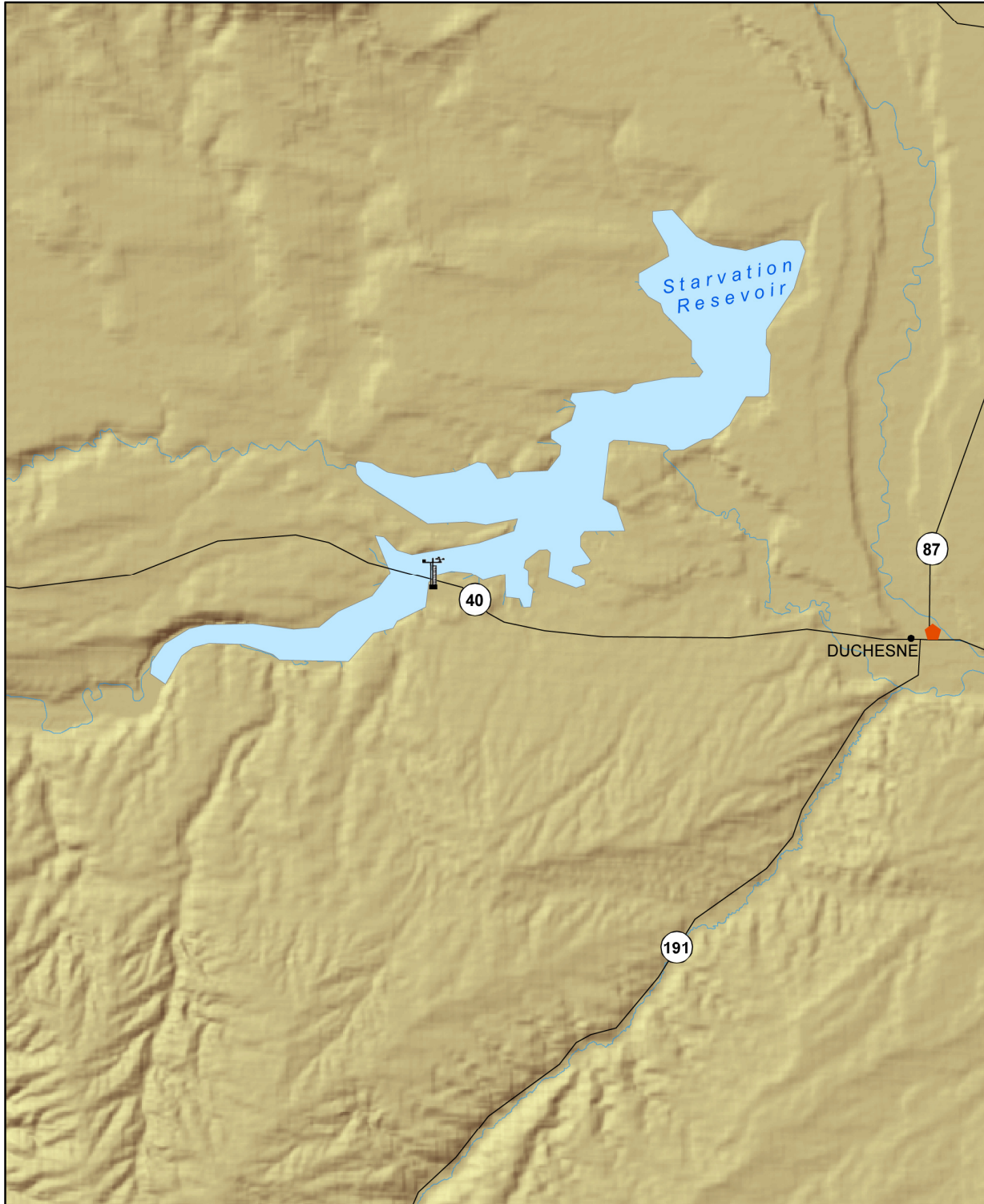
## Comments





Upgraded to Campbell 2007

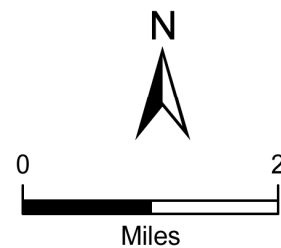
## Site Description

On a ridge overlooking the reservoir. Hills and canyons. Brush and small deciduous and evergreen trees.

# US 40 @ Starvation



-  RWIS
-  Maintenance Station
-  Interstate
-  Major Road



# US-191 @ Monticello

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## Identification

<i>Route</i>	191	<i>Longitude</i>	-109.3977
<i>Mile Post</i>	62.14	<i>Latitude</i>	37.7561
<i>Region</i>	4	<i>Elevation (ft)</i>	7261
<i>Mesowest ID:</i>	utmco		
<i>Access</i>	NB shoulder.		

## Instrumentation

<i>Device Type</i>	CSI
<i>Anemometer</i>	RM Young
<i>Air/Rel Humidity</i>	HMP45C
<i>Precipitation</i>	DRD11A
<i>Camera:</i>	CC640
<i>Sub-grade Temp:</i>	107
<i>Road Sensors:</i>	<i>No of Sensors</i> 1
	<i>Type of Sensors</i> Lufft
<i>Power Source</i>	Hard Line



## Communication

<i>Com to Site</i>	Blue-Tree
<i>Communication No</i>	166.154.68.104
<i>Export/ATMS Source</i>	MesoAtmo.dat & MesoRoad.dat

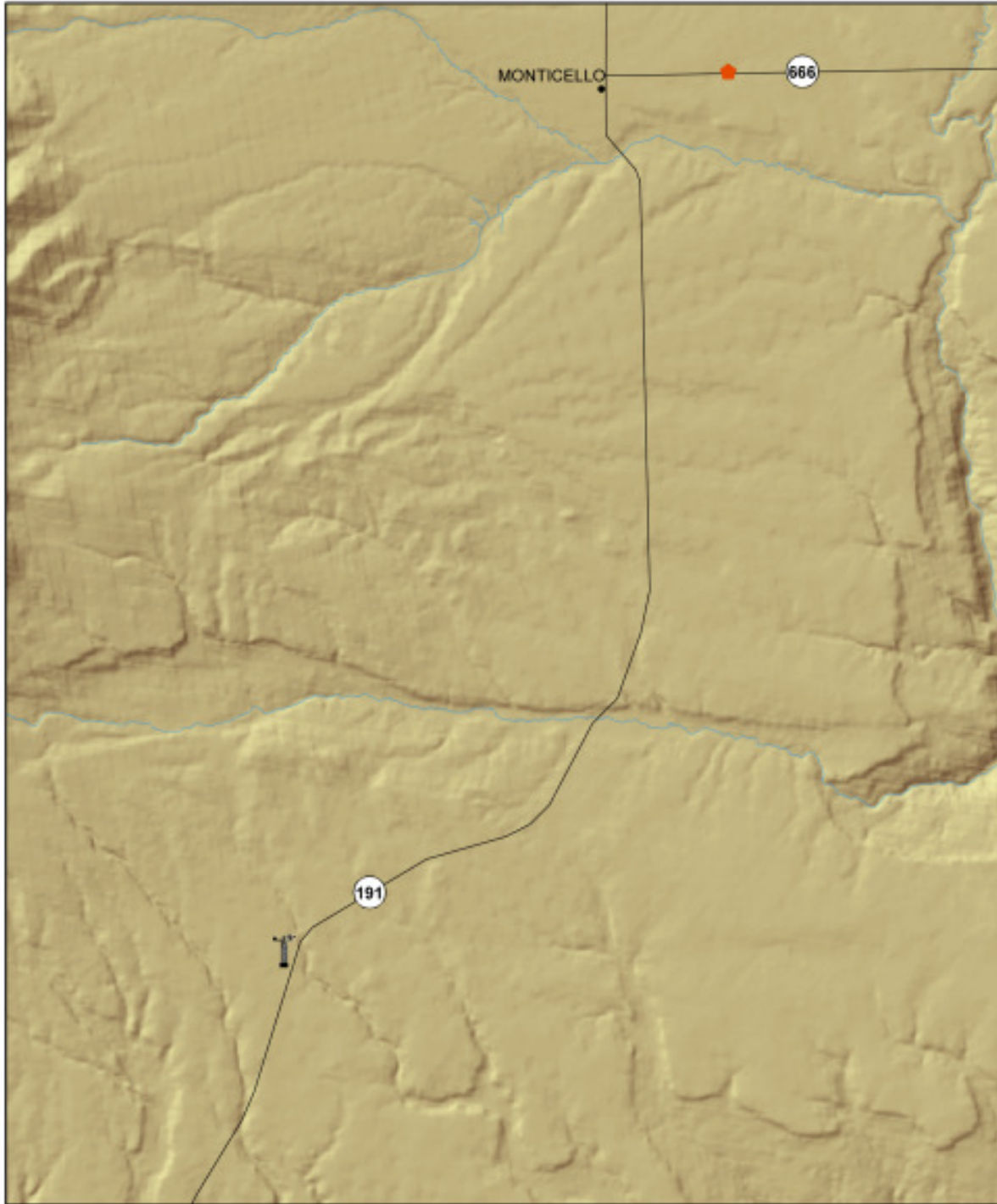
## Site Description

Brush and grass.

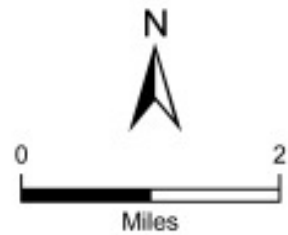
## Comments



# SR 191 @ Monticello



-  RWIS
-  Maintenance Station
-  Interstate
-  Major Road



# US-191 @ Indian Canyon Summit

## Identification

<i>Route</i>	191	<i>Longitude</i>	-110.7479
<i>Mile Post</i>		<i>Latitude</i>	39.8857
<i>Region</i>	3	<i>Elevation (ft)</i>	9050
<i>Mesowest ID:</i>	UTICS		
<i>Access</i>	West side of the road behind guard rail.		

## Instrumentation

<i>Device Type</i>	CSI		
<i>Anemometer</i>	RMYoung		
<i>Air/Rel Humidity</i>	HMP45C		
<i>Precipitation</i>	DRD11A		
<i>Camera:</i>	(2) CC640		
<i>Sub-grade Temp:</i>	107		
<i>Road Sensors:</i>	<i>No of Sensors</i>	1	
	<i>Type of Sensors</i>	Vaisala	
<i>Power Source</i>	Solar	80 W	2 12 volt



## Communication

<i>Com to Site</i>	Blue-Tree		
<i>Communication No</i>	166.154.68.82		
<i>Export/ATMS Source</i>	MesoAtmo.dat & dsc.dat		

## Comments

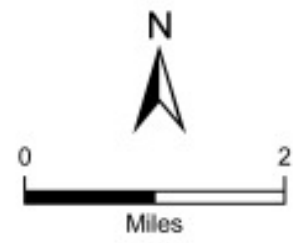
Has a Vaisala DSC/DST 111 non-invasive sensor.

## Site Description

# SR 191 @ Indian Canyon Summit



-  RWIS
-  Maintenance Station
-  Interstate
-  Major Road



# Powder Mountain

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## Identification

<i>Route</i>	153	<i>Longitude</i>	-111.7640
<i>Mile Post</i>		<i>Latitude</i>	41.3699
<i>Region</i>	1	<i>Elevation (ft)</i>	8897
<i>Mesowest ID:</i>	utpwd		
<i>Access</i>	Avalanche shack at the top of Powder Mountain.		

## Instrumentation

<i>Device Type</i>	CSI	
<i>Anemometer</i>	RM Young	
<i>Air/Rel Humidity</i>	HMP45C	
<i>Precipitation</i>	None	
<i>Camera:</i>	None	
<i>Sub-grade Temp:</i>	None	
<i>Road Sensors:</i>	<i>No of Sensors</i>	0
	<i>Type of Sensors</i>	None
<i>Power Source</i>	Hard Line	

## Communication

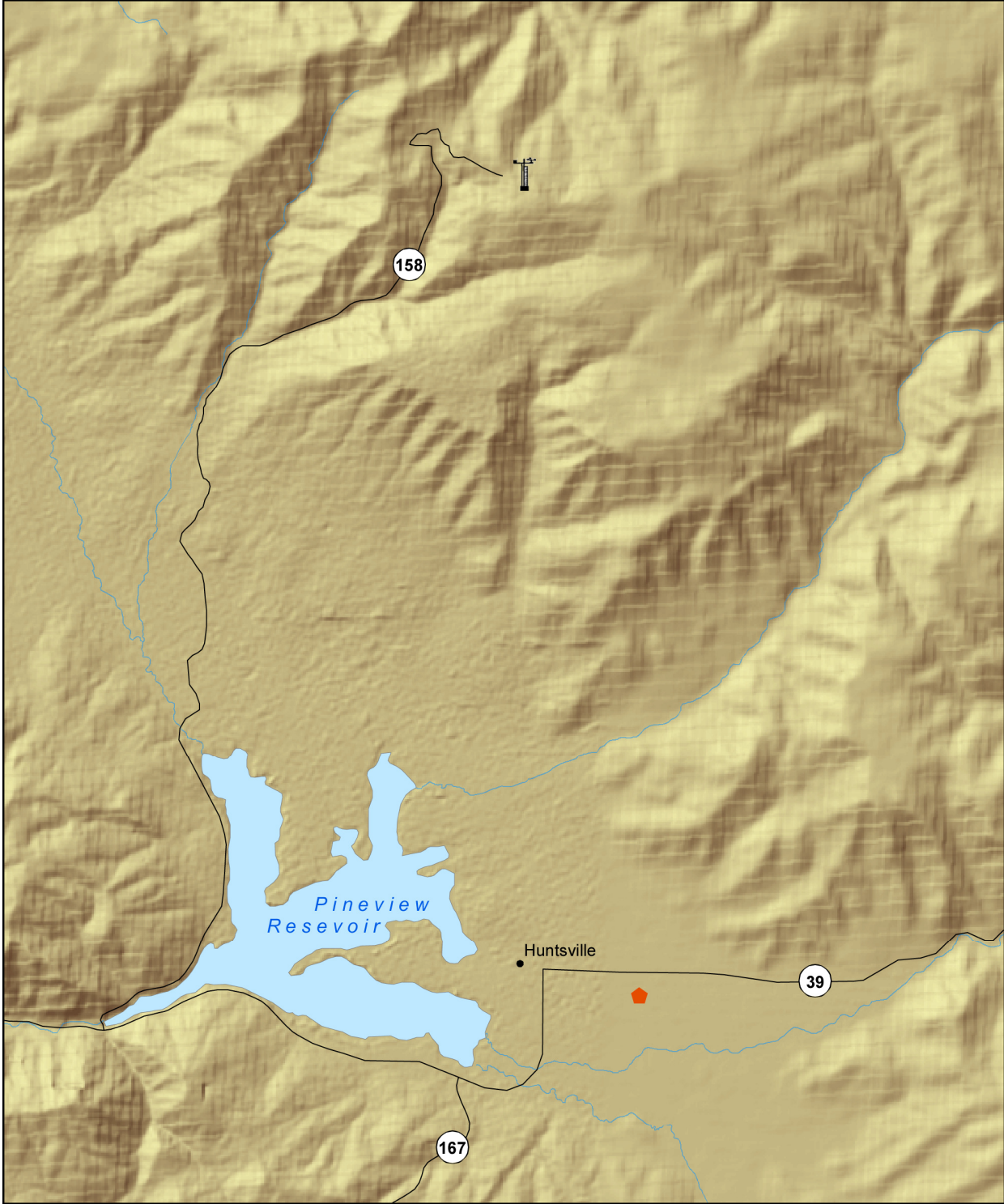
<i>Com to Site</i>	Ethernet
<i>Communication No</i>	72.250.214.254
<i>Export/ATMS Source</i>	MesoAtmo.dat





## Comments

## Site Description

Exposed mountain top.

# Powder Mountain



-  RWIS
-  Maintenance Station
-  Interstate
-  Major Road

