High Efficiency Trail Assessment Process (HETAP)

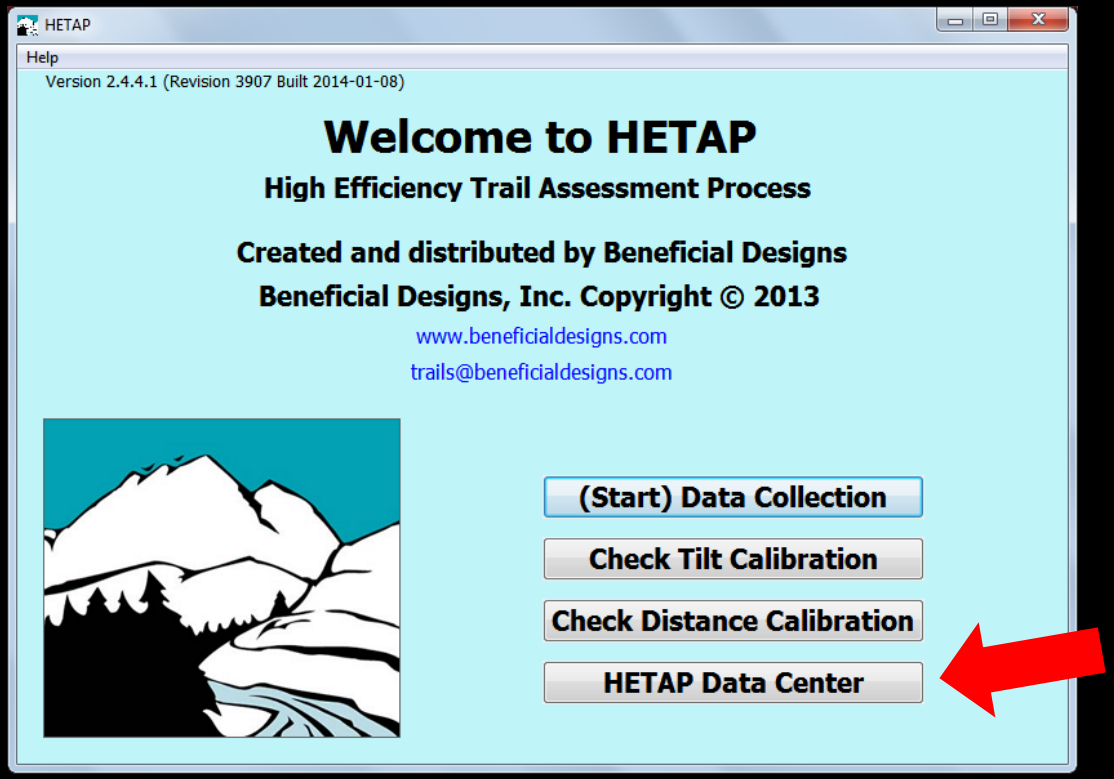
Data Management

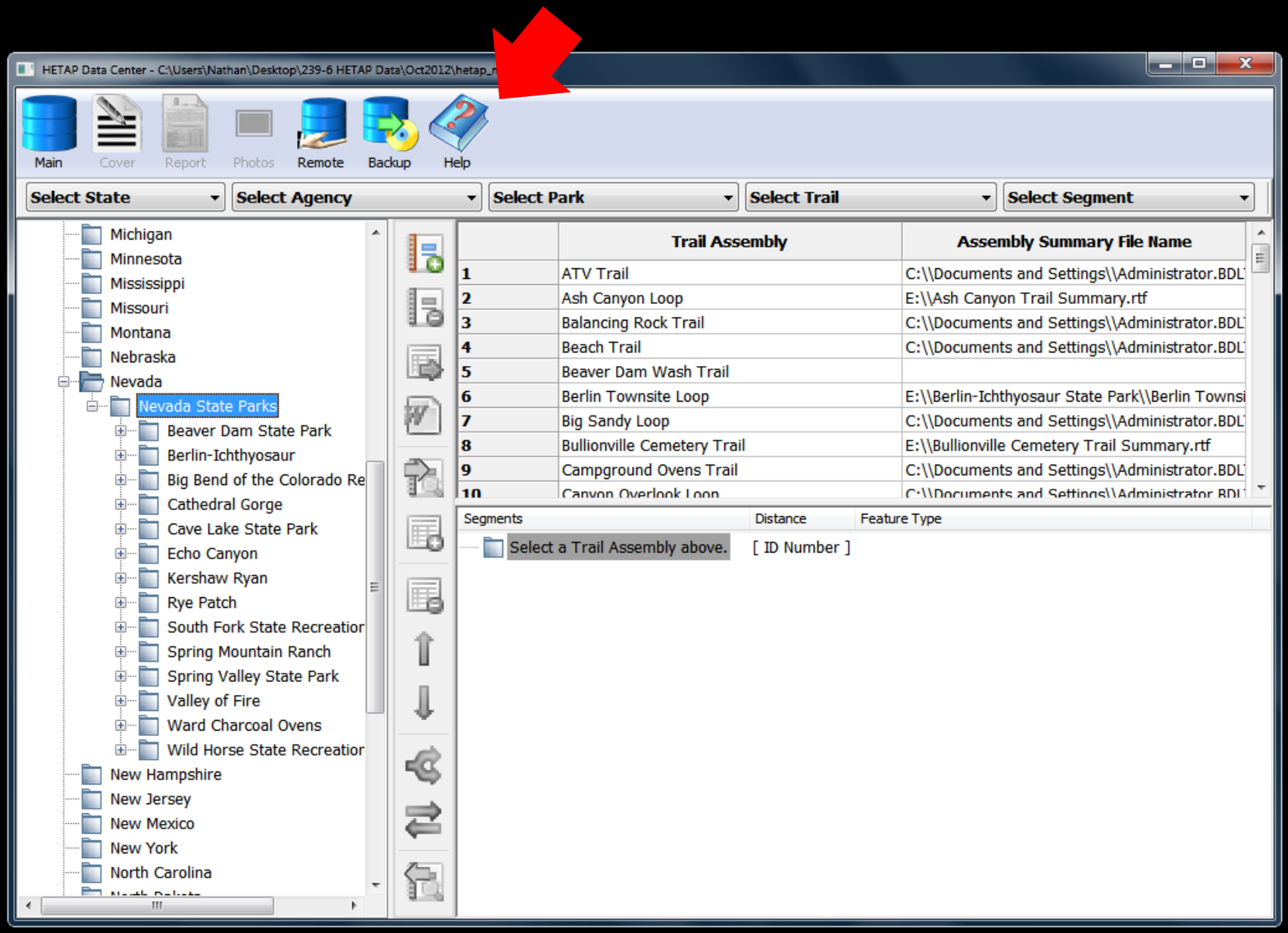
P.O. Box 491797
Redding, CA 96049-1797
(530) 547-2060
Fax: (530) 547-2035
trailhead@americantrails.org

P.O. Box 69
Minden, NV 89423
(775) 783-8822
Fax: (775) 783-8823
trails@beneficialdesigns.com

Welcome Screen

Select “HETAP Data Center”

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Main
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Select Agency
Select Park
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Beaver Dam State Park
Berlin-Ichthyosaur
Big Bend of the Colorado Re
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Echo Canyon
Kershaw Ryan
Rye Patch
South Fork State Recreatior
Spring Mountain Ranch
Spring Valley State Park
Valley of Fire
Ward Charcoal Ovens
Wild Horse State Recreatior
New Hampshire
New Jersey
New Mexico
New York
North Carolina
Trail Assembly
Assembly Summary File Name
1 ATV Trail C:\\Documents and Settings\\Administrator.BDL
2 Ash Canyon Loop E:\\Ash Canyon Trail Summary.rtf
3 Balancing Rock Trail C:\\Documents and Settings\\Administrator.BDL
4 Beach Trail C:\\Documents and Settings\\Administrator.BDL
5 Beaver Dam Wash Trail
6 Berlin Townsite Loop E:\\Berlin-Ichthyosaur State Park\\Berlin Townsi
7 Big Sandy Loop C:\\Documents and Settings\\Administrator.BDL
8 Bullionville Cemetery Trail E:\\Bullionville Cemetery Trail Summary.rtf
9 Campground Ovens Trail C:\\Documents and Settings\\Administrator.BDL
10 Canyon Overlook Loop C:\\Documents and Settings\\Administrator.BDL
Segments
Distance
Feature Type
Select a Trail Assembly above.
[ID Number]

HETAP 2.0

Hide Locate Back Home Font Options

Contents Index Search Favorites

Type in the keyword to find:

The Summary List

Data Collection 101
Feature Capture
Station Capture
The Combined Segment Tree
The Data Center
The Summary List
Welcome to HETAP

Display

Create a New Summary Report:

Enter a name for the new Summary Report when prompted. You will be given an empty Combined Segment Tree which you may add Segments into to form a trail.

Remove this Summary Report:

All Summary data will be removed from the Combined Segment Tree. No collected data will be deleted from the database, however, nor will any TAI Summary reports which you have created.

Create Summary Tables:

The Summary Tables Window will be opened where you may glean usefull information using the various column sorts provided there or generate a TAI Summary Report (data exports are coming soon).

Create TAI Summary:

This shortcut skips the Summary Table display, taking you straight to the TAI Summary output.

Search the Summary List:

Find a Segment from the Main Tree in the Summary List (if it has been used in a Summary).

HETAP 2.0

Hide Locate Back Home Font Options

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Type in the keyword to find:

The Combined Segment Tree

Data Collection 101
Feature Capture
Station Capture
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Display

Add a Segment to the Combined Segments Tree:

A trail is built by adding segments here.

Remove a Segment from the Combined Segment Tree:

This does not cause data to be removed from the data base.

Move a Segment up.

Move the selected Segment up one place. Segments are summarized in the order in which they are presented in the Combined Segment Tree.

Move a Segment down.

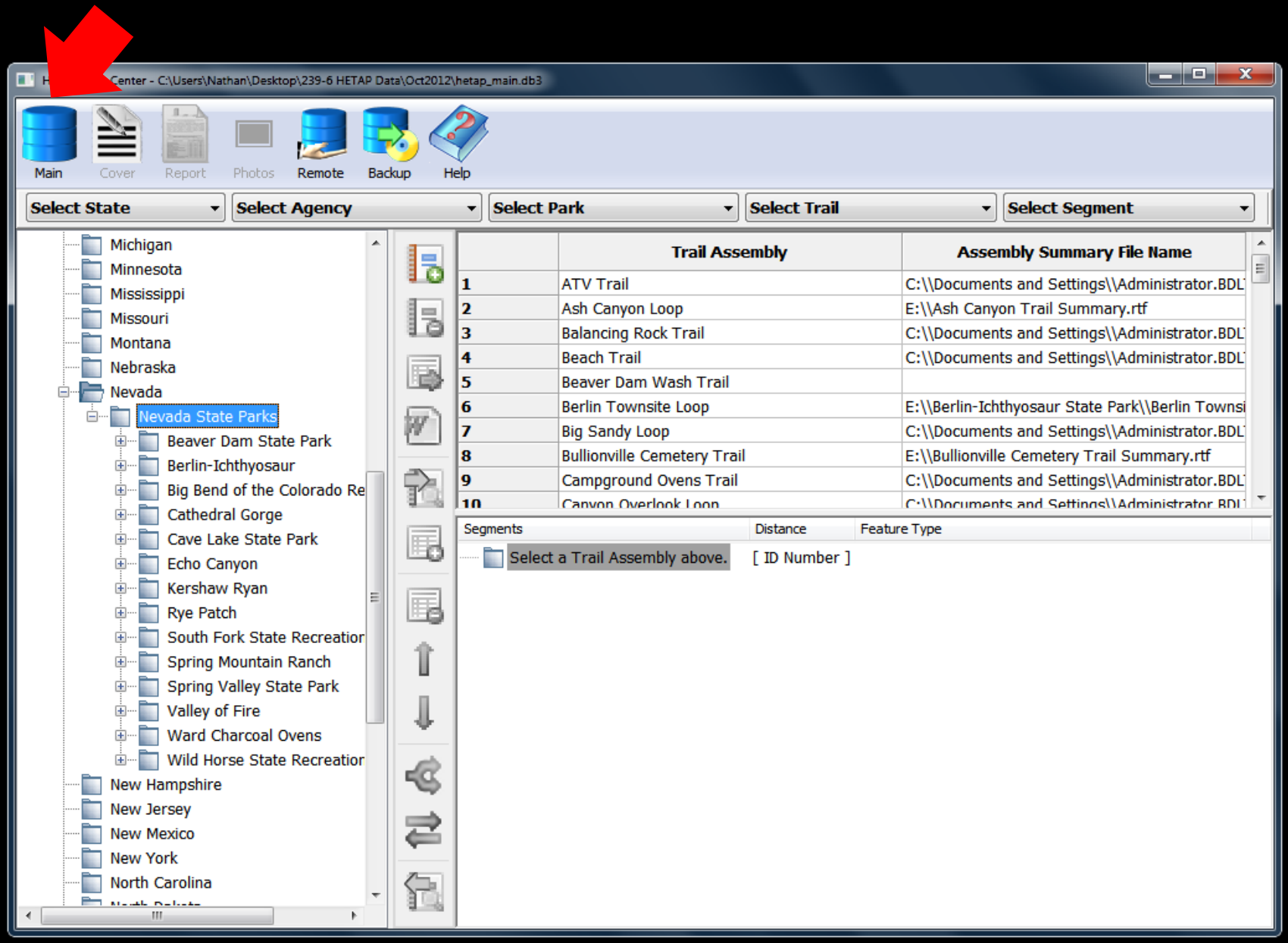
Move the selected Segment down one place. Segments are summarized in the order in which they are presented in the Combined Segment Tree.

Split a Segment:

Copy the selected Segment, making two new segments by splitting it at the selected Feature/Station.

Reverse a Segment:

Copy the selected Segment, making a new segment by reversing the order of all Features/Stations.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Select State
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Feature Type
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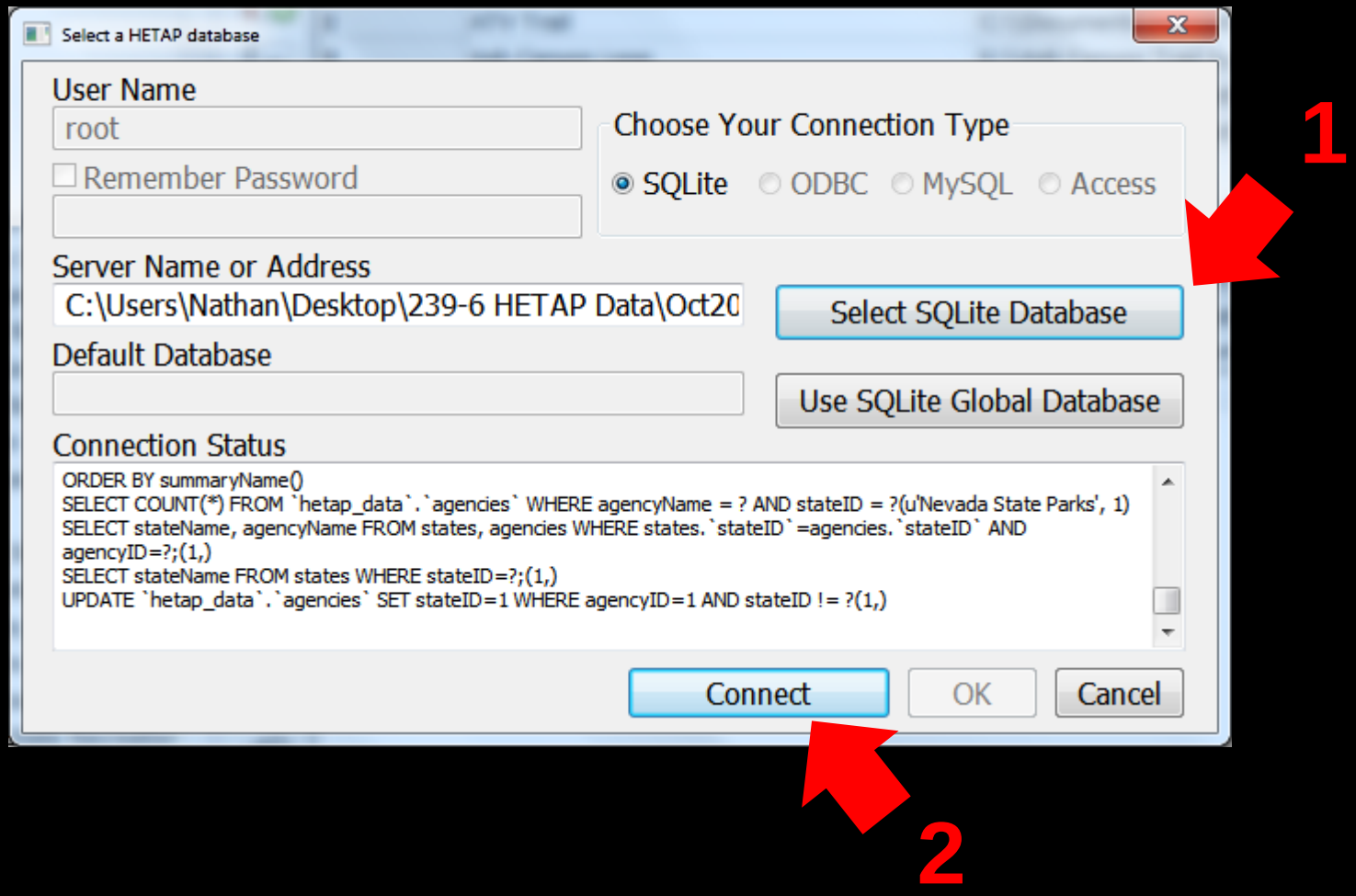
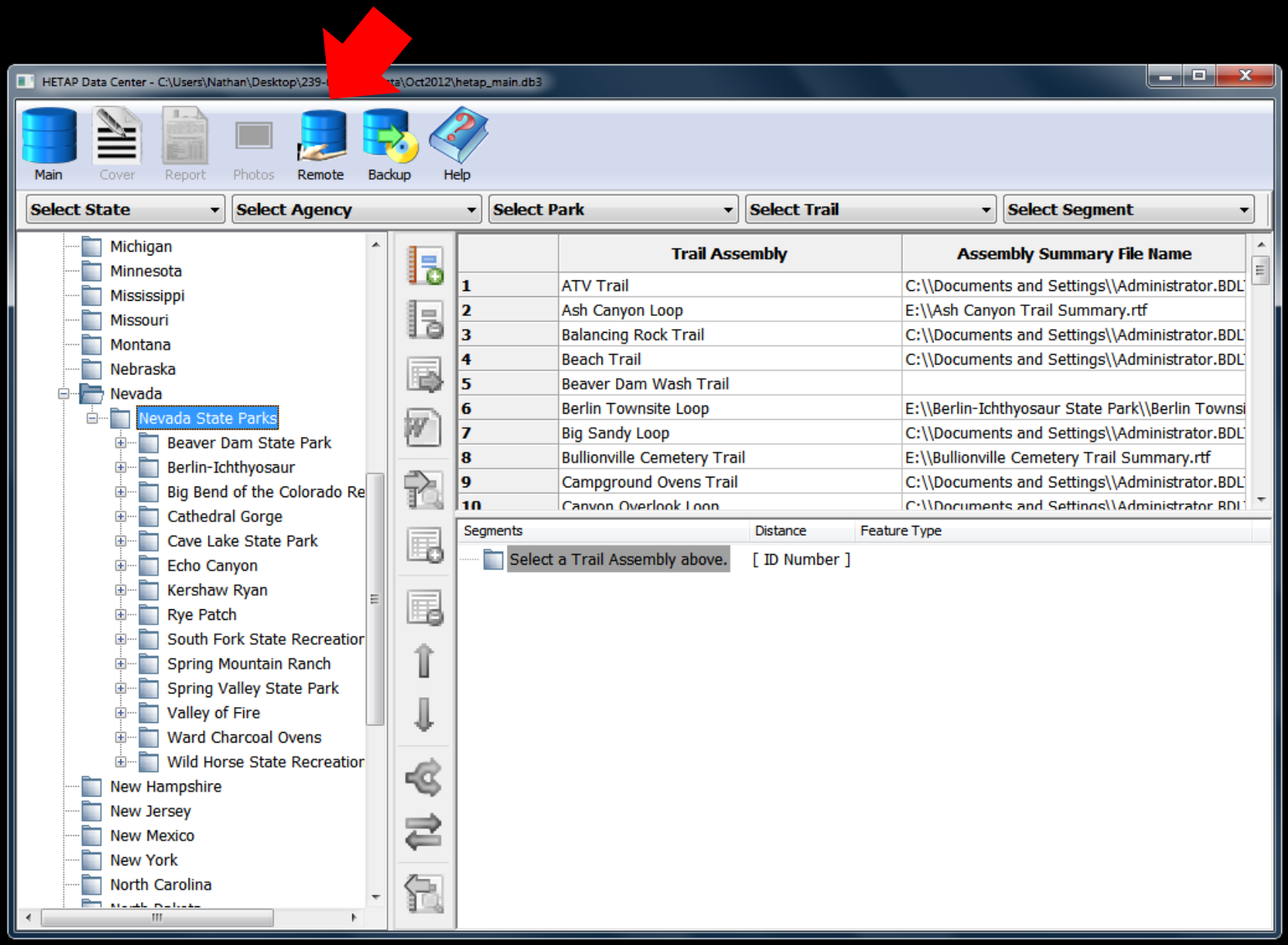

Select a HETAP database
User Name
root
Remember Password
Choose Your Connection Type
SQLite
ODBC
MySQL
Access
Server Name or Address
C:\Users\Nathan\Desktop\239-6 HETAP Data\Oct20
Select SQLite Database
Default Database
Use SQLite Global Database
Connection Status
ORDER BY summaryName()
SELECT COUNT(*) FROM `hetap_data`.`agencies` WHERE agencyName = ? AND stateID = ?(u'Nevada State Parks', 1)
SELECT stateName, agencyName FROM states, agencies WHERE states.`stateID`=agencies.`stateID` AND agencyID=?;(1,)
SELECT stateName FROM states WHERE stateID=?;(1,)
UPDATE `hetap_data`.`agencies` SET stateID=1 WHERE agencyID=1 AND stateID != ?(1,)
Connect
OK
Cancel
1
2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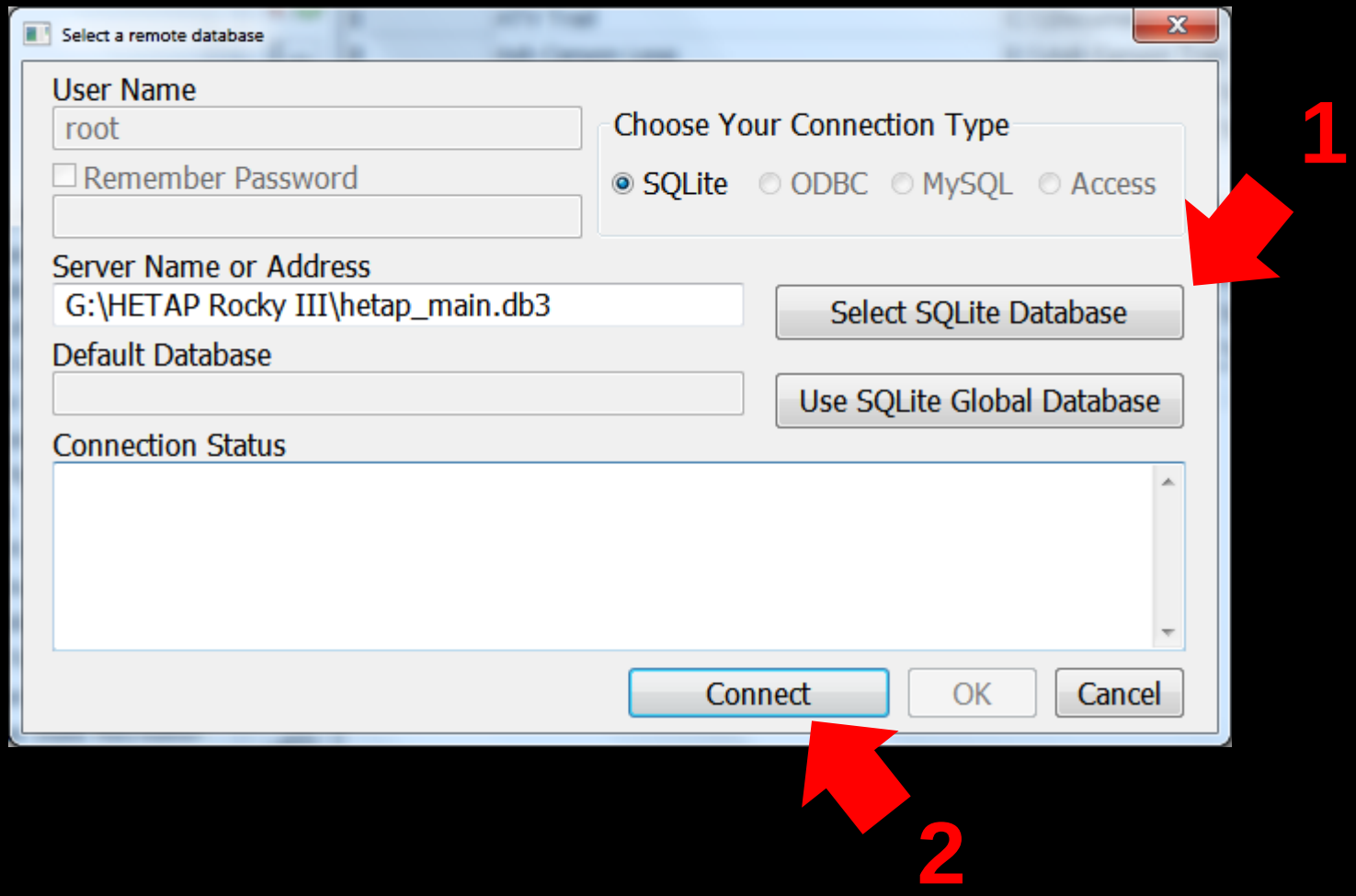
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User Name
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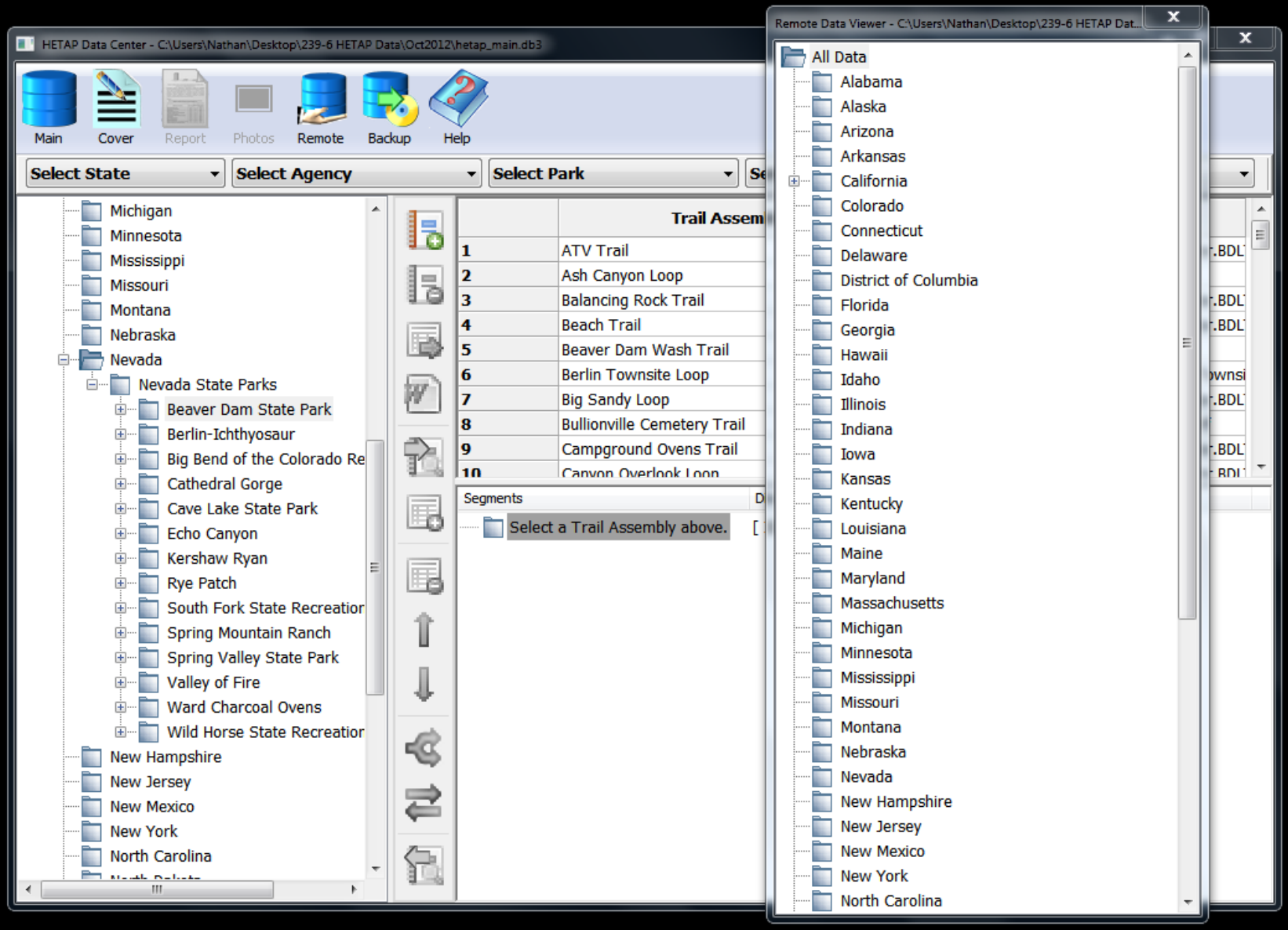
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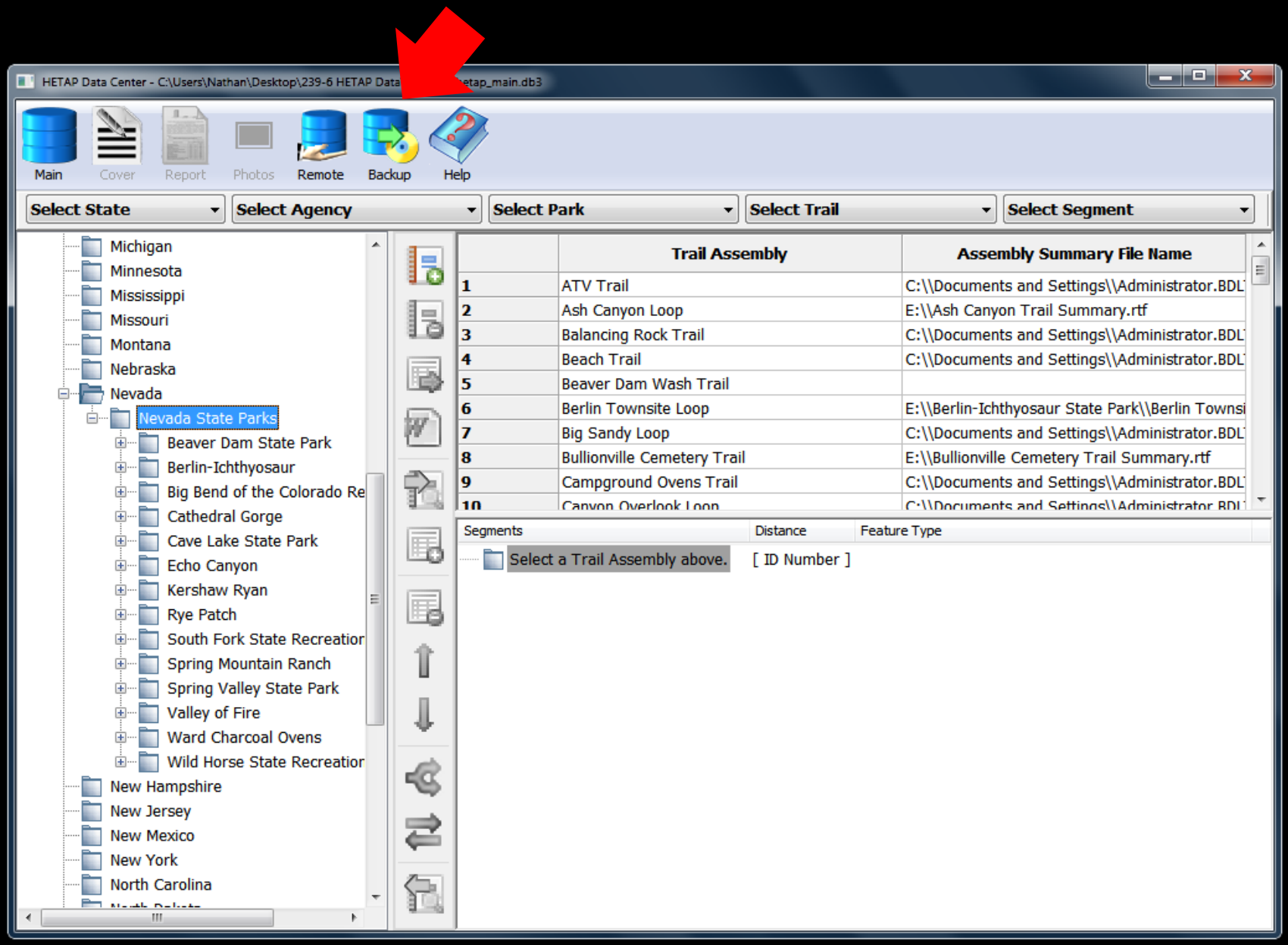
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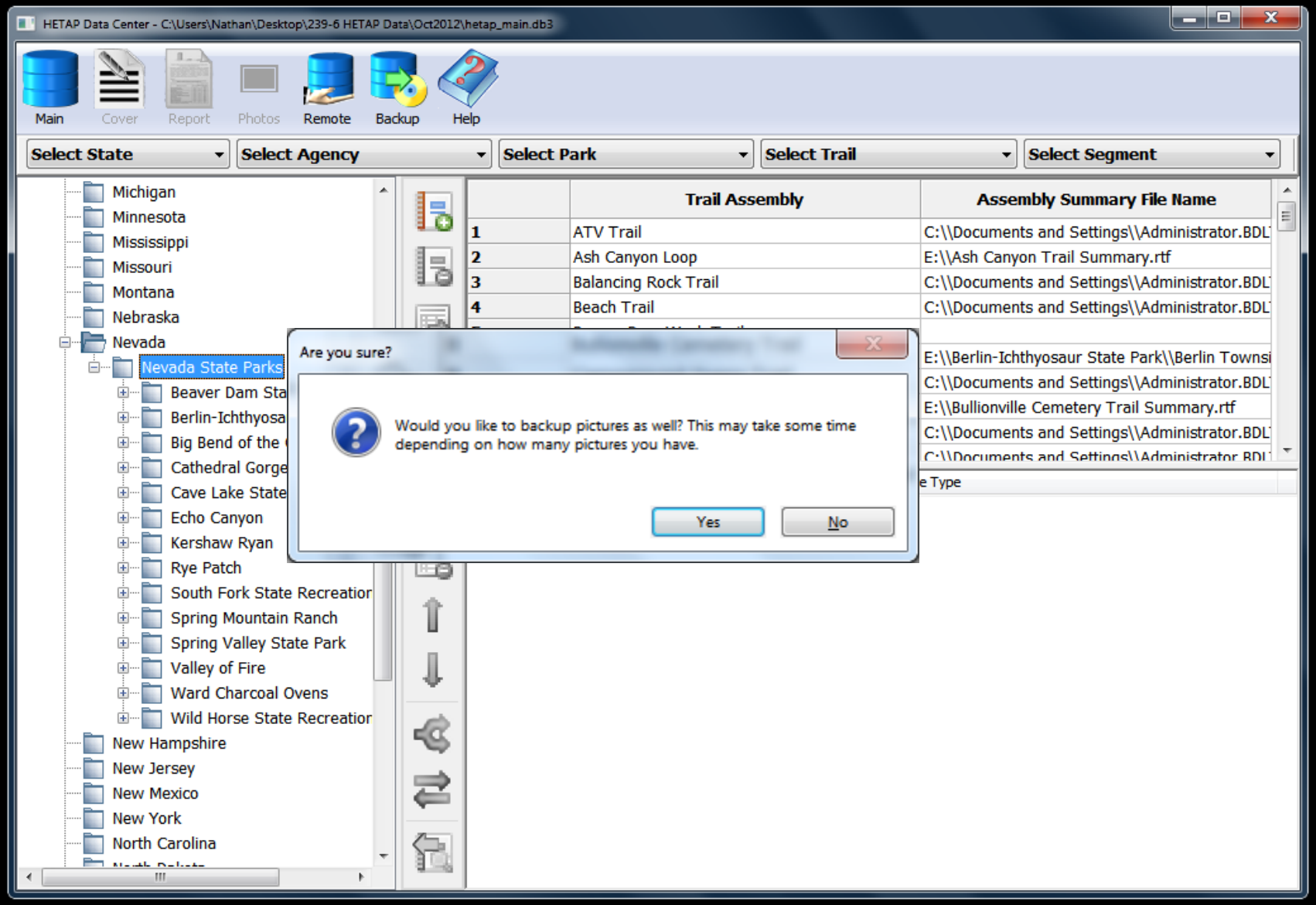
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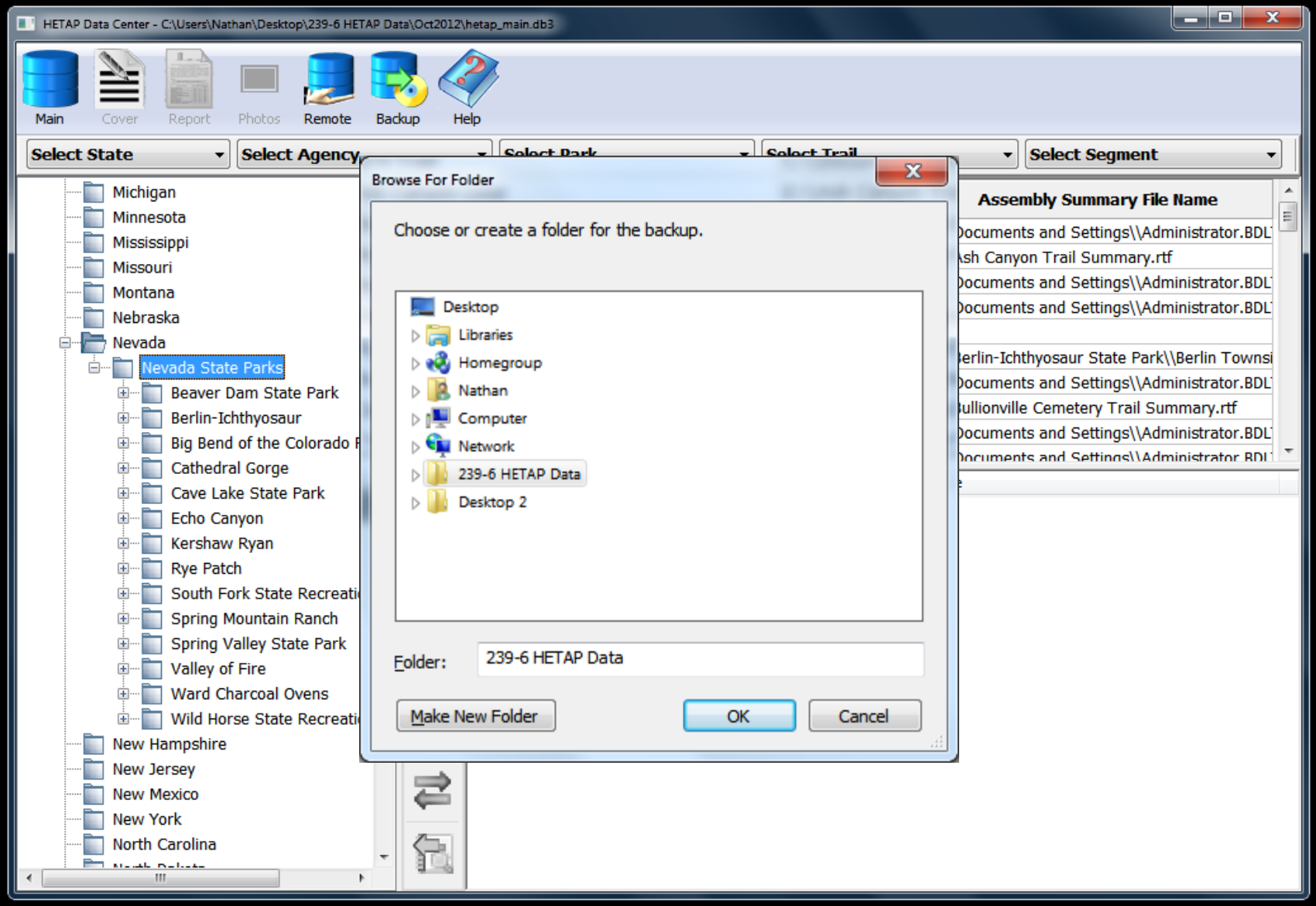
Are you sure?
Would you like to backup pictures as well? This may take some time depending on how many pictures you have.
Yes
No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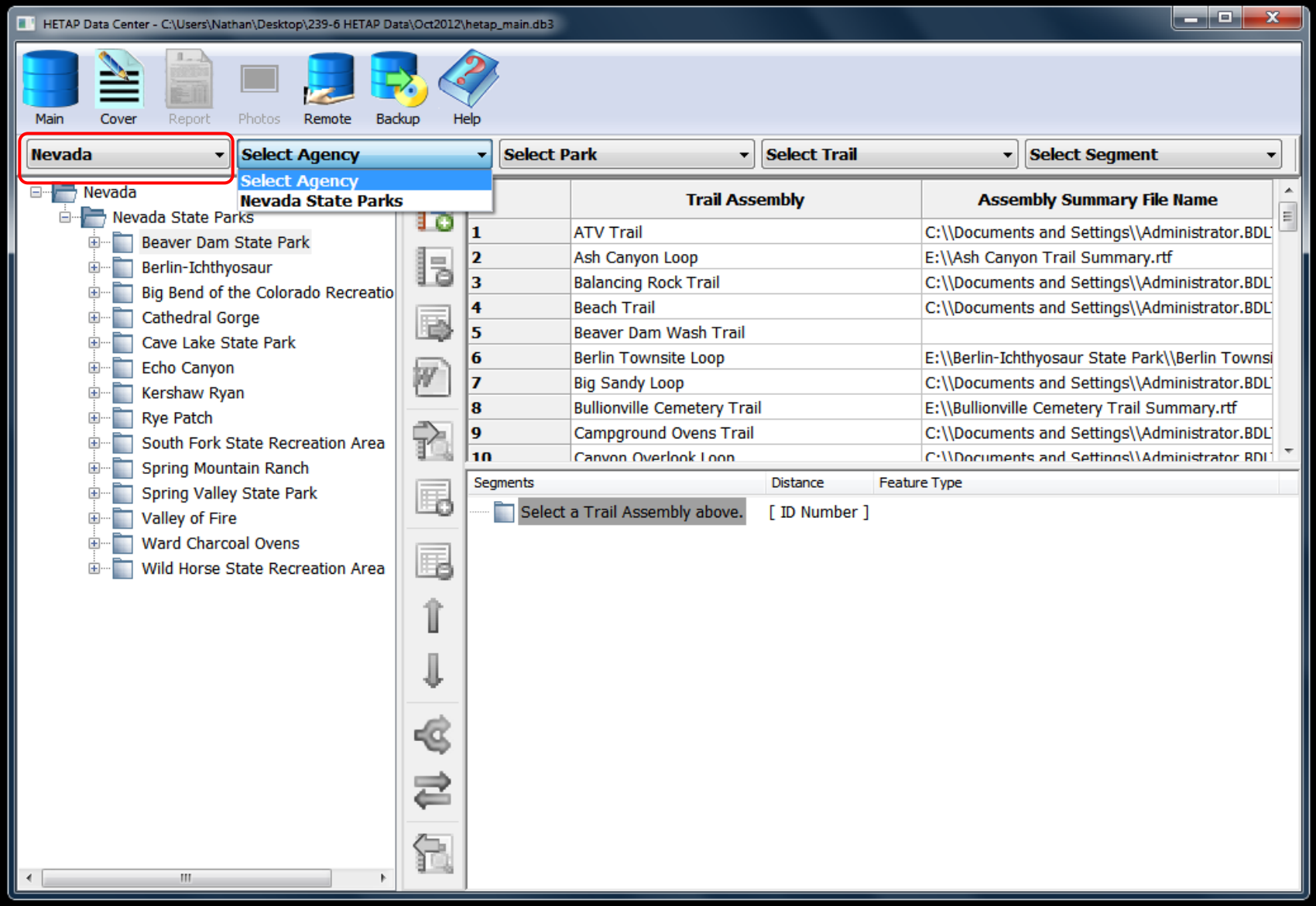
Browse For Folder
Choose or create a folder for the backup.
Desktop
Libraries
Homegroup
Nathan
Computer
Network
239-6 HETAP Data
Desktop 2
Folder:
239-6 HETAP Data
Make New Folder
OK
Cancel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Segments
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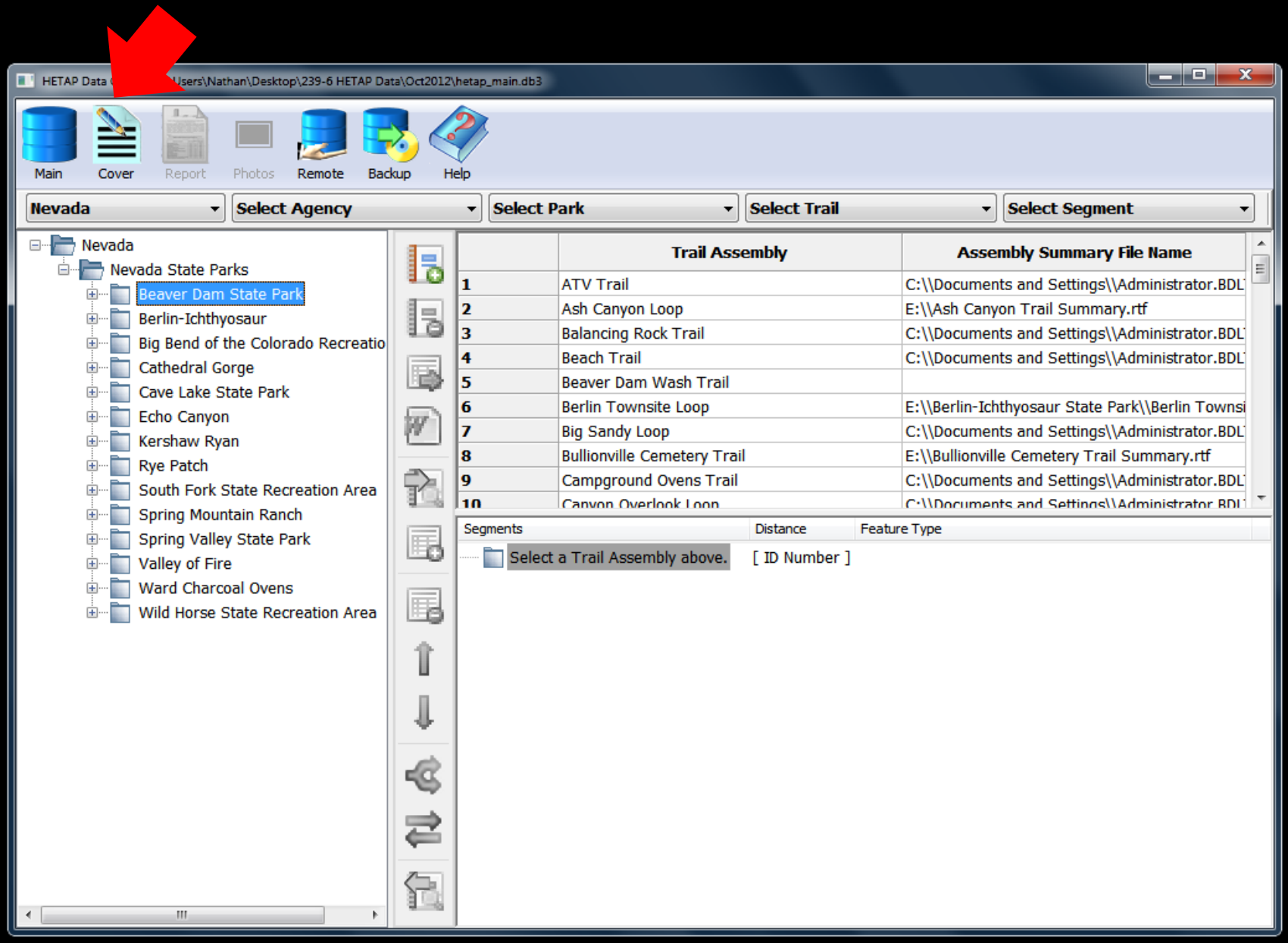
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Segments
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Feature Type
Select a Trail Assembly above.
[ID Number]

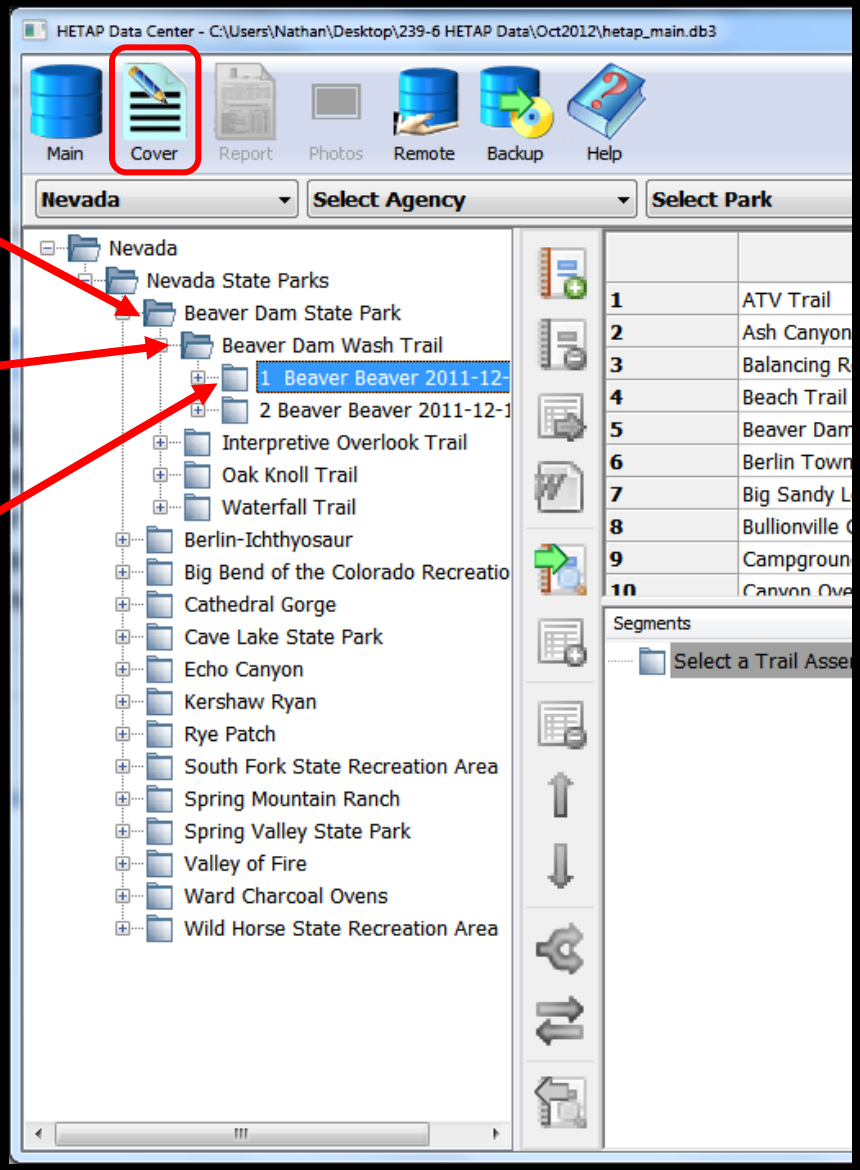
Park Cover Sheet

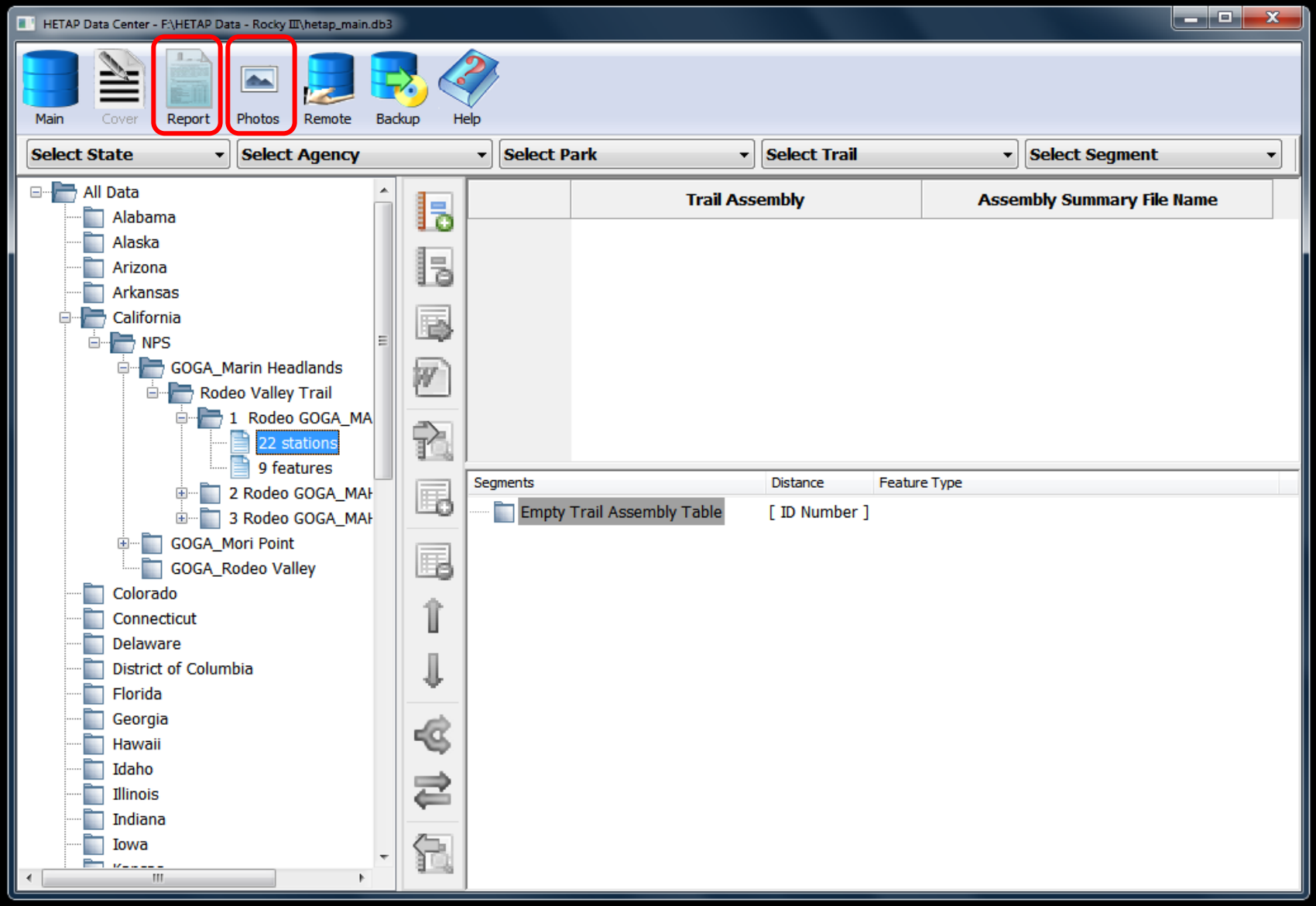
	Park Cover Sheet Data
Overseeing Agency:	Nevada State Parks
Park Name:	Beaver Dam State Park
Address 1:	PO Box 985
Address 2:	Caliente, NV
State\Province:	NV
Zip Code:	89008
County:	Lincoln
Park Information/Amenities: **Contact Person** **Phone Number** **e-mail Address** **Web Site Address**	Park offers camping, picnicking, group picnicking and trails. Contact person is Cody Tingey, park supervisor 775-728-4460 beaverdam@mwpower.net
	NOTE: Use Ctrl + Enter for a new line.

Park

Trail

Segment

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California
NPS
GOGA_Marin Headlands
Rodeo Valley Trail
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22 stations
9 features
2 Rodeo GOGA_MA
3 Rodeo GOGA_MA
GOGA_Mori Point
GOGA_Rodeo Valley
Colorado
Connecticut
Delaware
District of Columbia
Florida
Georgia
Hawaii
Idaho
Illinois
Indiana
Iowa
Trail Assembly
Assembly Summary File Name
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Feature Type
Empty Trail Assembly Table
[ID Number]

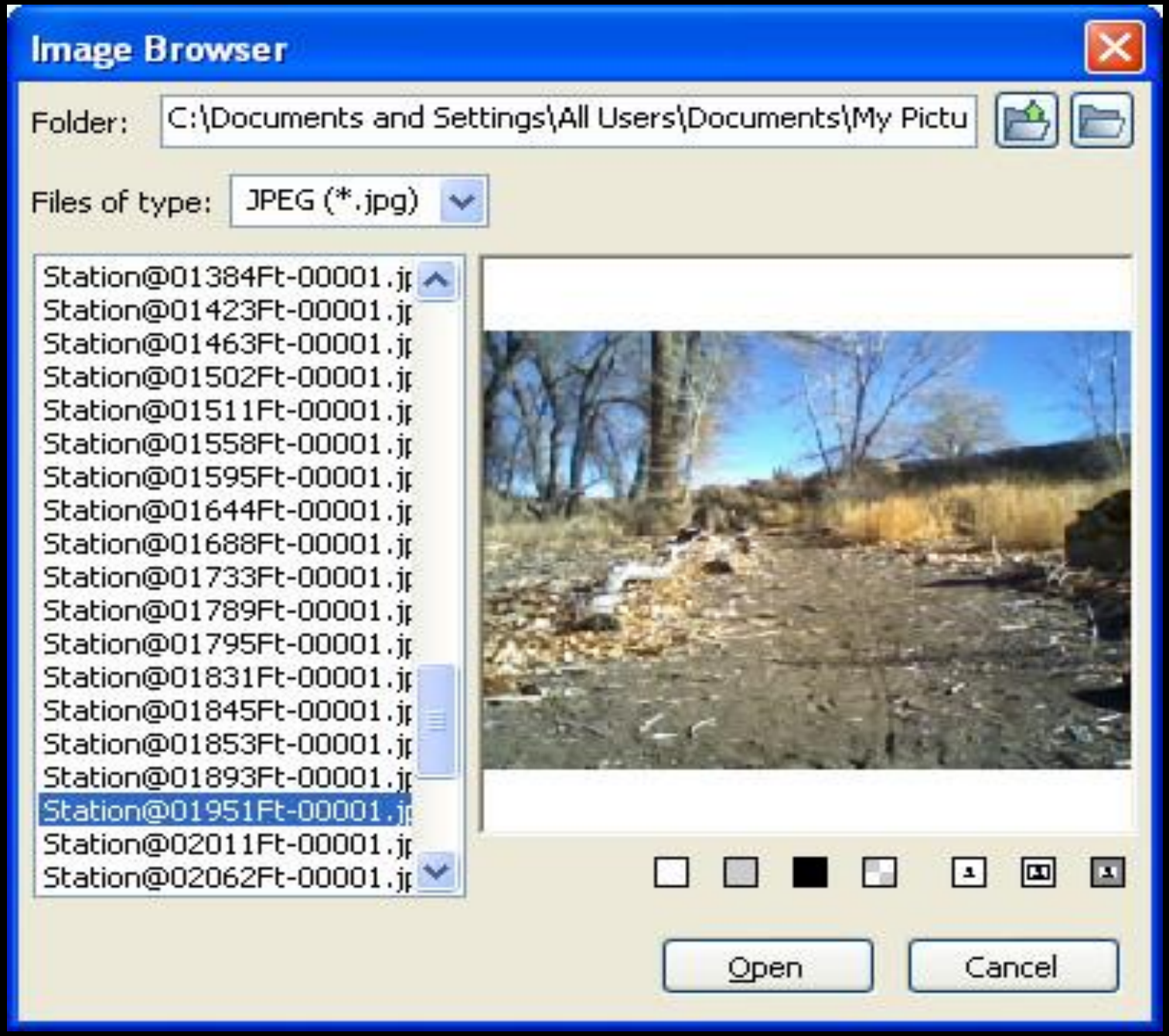
Report Viewer: Nevada\Nevada State Parks\Beaver Dam State Park\Beaver Dam Wash Trail\1 Beaver Beaver 2011-12-13

File Print

Station Data | Feature Data | Rotational Penetrometer Data

Stations Data Report: By Station Distance

	Seg. Number	Seg. Distance	Station Length	Cumul. Length	Cumul. Percent	Tread Width	X-Slope (%)	Grade (%)	Surface Category	Surface Type	Clearance Width	Latitu
1	67	0.0	24.8	24.8	0.5	18	7.7	-19.1	Firm	Soil	0	37.517
2	67	24.8	20.8	45.6	0.9	18	0.9	-8.7	Firm	Soil	0	37.517
3	67	45.6	31.5	77.1	1.6	18	-6.3	-17.8	Firm	Soil	0	37.517
4	67	77.1	30.8	107.9	2.2	18	-1.1	-17.5	Firm	Soil	0	37.517
5	67	107.9	24.9	132.8	2.7	18	1.9	-21.2	Firm	Soil	0	37.517
6	67	132.8	23.8	156.6	3.2	18	2.0	-20.5	Firm	Soil	0	37.517
7	67	156.6	25.9	182.5	3.8	18	6.4	-19.2	Firm	Soil	0	37.517
8	67	182.5	27.9	210.4	4.4	18	9.0	-19.6	Firm	Soil	0	37.517
9	67	210.4	28.8	239.2	5.0	18	2.0	-12.2	Firm	Soil	0	37.517
10	67	239.2	13.2	252.4	5.2	18	2.8	-6.7	Firm	Soil	0	37.517
11	67	252.4	22.3	274.7	5.7	18	1.0	-0.8	Firm	Soil	0	37.517
12	67	274.7	23.3	298.0	6.2	18	0.1	-1.2	Firm	Soil	0	37.517
13	67	298.0	21.8	319.9	6.6	18	7.4	-0.7	Firm	Soil	0	37.517
14	67	319.9	8.7	328.6	6.8	18	-6.8	-3.9	Firm	Soil	0	37.517
15	67	328.6	19.8	348.3	7.2	18	5.4	7.2	Firm	Soil	0	37.517
16	67	348.3	21.8	370.2	7.7	18	-1.3	5.6	Firm	Soil	0	37.517
17	67	370.2	8.8	379.0	7.8	18	0.8	-4.6	Firm	Soil	0	37.517
18	67	379.0	15.0	394.0	8.2	18	0.3	3.8	Firm	Soil	0	37.517
19	67	394.0	11.7	405.7	8.4	18	-1.7	-3.0	Firm	Soil	0	37.517
20	67	405.7	59.3	465.0	9.6	18	6.3	5.2	Firm	Soil	0	37.517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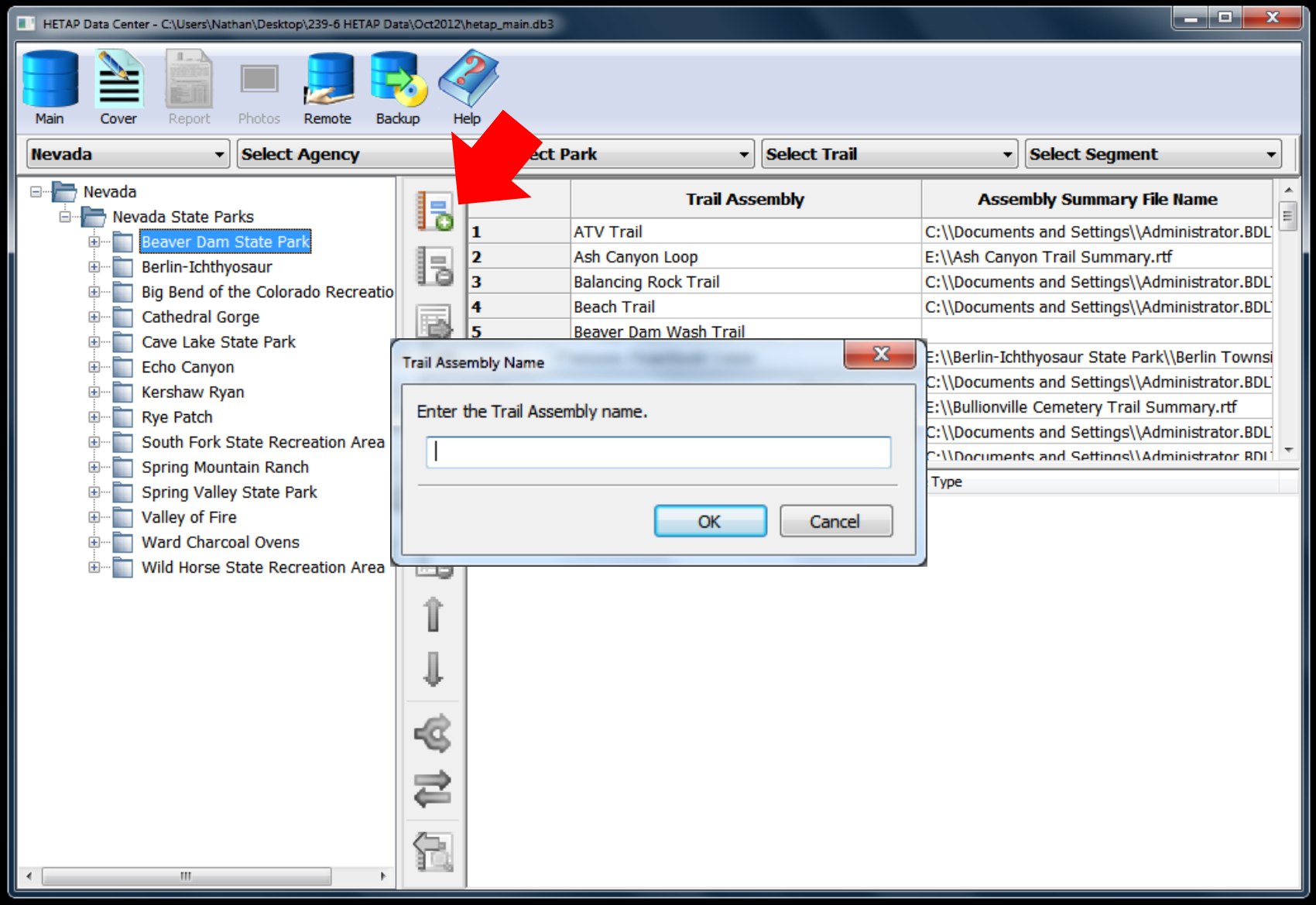
HETAP Data Center - C:\Users\Nathan\Desktop\239-6 HETAP Data\Oct2012\hetap_main.db3
Main
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Nevada
Select Agency
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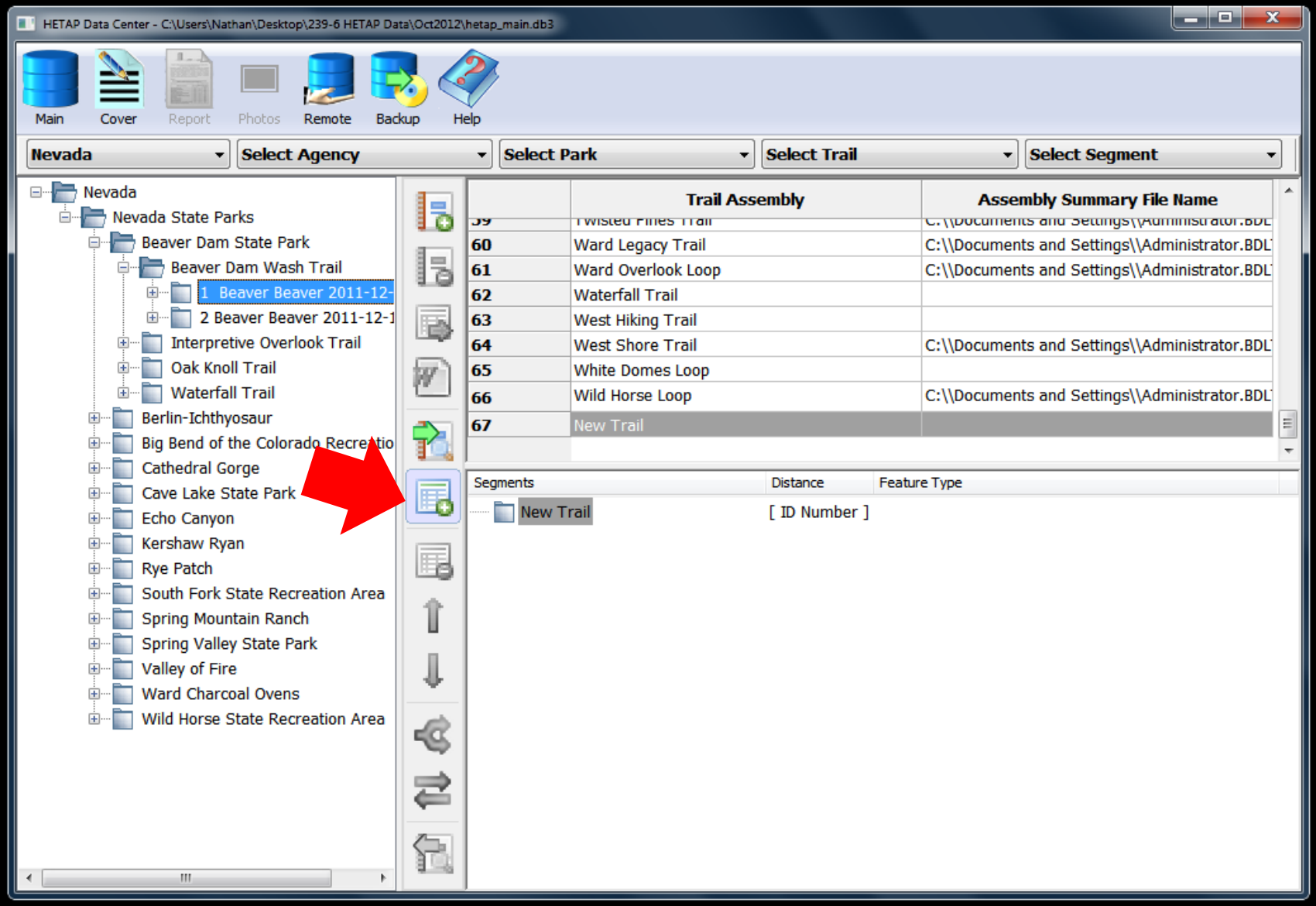
Select Trail
Select Segment
Nevada
Nevada State Parks
Beaver Dam State Park
Berlin-Ichthyosaur
Big Bend of the Colorado Recreatio
Cathedral Gorge
Cave Lake State Park
Echo Canyon
Kershaw Ryan
Rye Patch
South Fork State Recreation Area
Spring Mountain Ranch
Spring Valley State Park
Valley of Fire
Ward Charcoal Ovens
Wild Horse State Recreation Area
Trail Assembly
Assembly Summary File Name
1 ATV Trail C:\\Documents and Settings\\Administrator.BDL
2 Ash Canyon Loop E:\\Ash Canyon Trail Summary.rtf
3 Balancing Rock Trail C:\\Documents and Settings\\Administrator.BDL
4 Beach Trail C:\\Documents and Settings\\Administrator.BDL
5 Beaver Dam Wash Trail
E:\\Berlin-Ichthyosaur State Park\\Berlin Townsi
C:\\Documents and Settings\\Administrator.BDL
E:\\Bullionville Cemetery Trail Summary.rtf
C:\\Documents and Settings\\Administrator.BDL
Type
Trail Assembly Name
Enter the Trail Assembly name.
OK
Cancel


HETAP Data Center - C:\Users\Nathan\Desktop\239-6 HETAP Data\Oct2012\hetap_main.db3
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Nevada
Select Agency
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Nevada State Parks
Beaver Dam State Park
Beaver Dam Wash Trail
1 Beaver Beaver 2011-12-
2 Beaver Beaver 2011-12-1
Interpretive Overlook Trail
Oak Knoll Trail
Waterfall Trail
Berlin-Ichthyosaur
Big Bend of the Colorado Recreatio
Cathedral Gorge
Cave Lake State Park
Echo Canyon
Kershaw Ryan
Rye Patch
South Fork State Recreation Area
Spring Mountain Ranch
Spring Valley State Park
Valley of Fire
Ward Charcoal Ovens
Wild Horse State Recreation Area
Trail Assembly
Assembly Summary File Name
60 Ward Legacy Trail C:\\Documents and Settings\\Administrator.BDL
61 Ward Overlook Loop C:\\Documents and Settings\\Administrator.BDL
62 Waterfall Trail
63 West Hiking Trail
64 West Shore Trail C:\\Documents and Settings\\Administrator.BDL
65 White Domes Loop
66 Wild Horse Loop C:\\Documents and Settings\\Administrator.BDL
67 New Trail
Segments
Distance
Feature Type
New Trail
[ID Number]

HETAP Data Center - C:\Users\Nathan\Desktop\239-6 HETAP Data\Oct2012\hetap_main.db3

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Nevada | Select Agency | Select Park | Select Trail | Select Segment

- Nevada
  - Nevada State Parks
    - Beaver Dam State Park
      - Beaver Dam Wash Trail
        - 1 Beaver Beaver 2011-12-
        - 2 Beaver Beaver 2011-12-1
      - Interpretive Overlook Trail
      - Oak Knoll Trail
      - Waterfall Trail
    - Berlin-Ichthyosaur
    - Big Bend of the Colorado Recreatio
    - Cathedral Gorge
    - Cave Lake State Park
    - Echo Canyon
    - Kershaw Ryan
    - Rye Patch
    - South Fork State Recreation Area
    - Spring Mountain Ranch
    - Spring Valley State Park
    - Valley of Fire
    - Ward Charcoal Ovens
    - Wild Horse State Recreation Area

	Trail Assembly	Assembly Summary File Name
59	Twisted Pines Trail	C:\\Documents and Settings\\Administrator.BDL
60	Ward Legacy Trail	C:\\Documents and Settings\\Administrator.BDL
61	Ward Overlook Loop	C:\\Documents and Settings\\Administrator.BDL
62	Waterfall Trail	
63	West Hiking Trail	
64	West Shore Trail	C:\\Documents and Settings\\Administrator.BDL
65	White Domes Loop	
66	Wild Horse Loop	C:\\Documents and Settings\\Administrator.BDL
67	New Trail	

Segments	Distance	Feature Type
New Trail	[ID Number]	
1 Beaver Beaver 2011-12-13	ID# 67	
2 Beaver Beaver 2011-12-13	ID# 68	

Remove

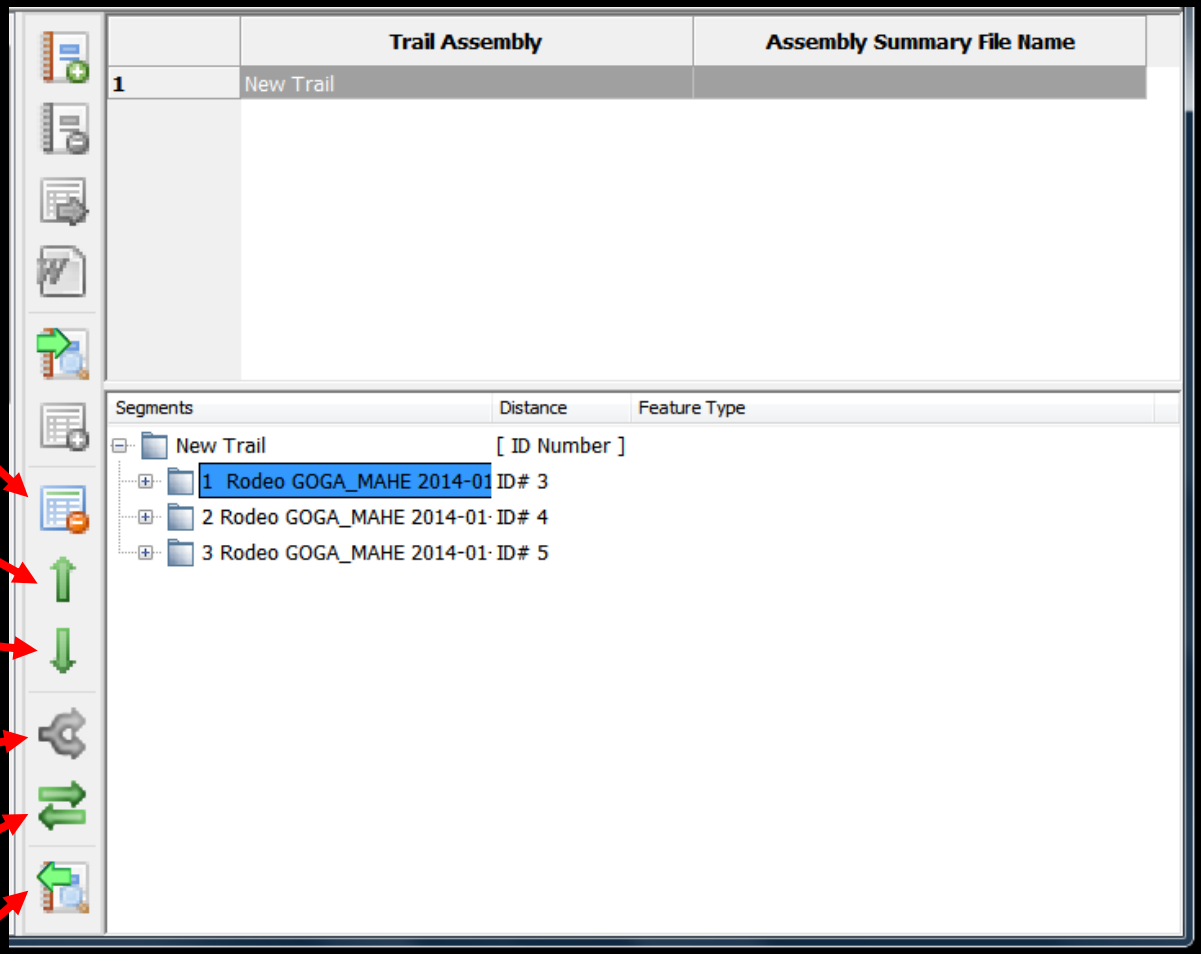
Move Up

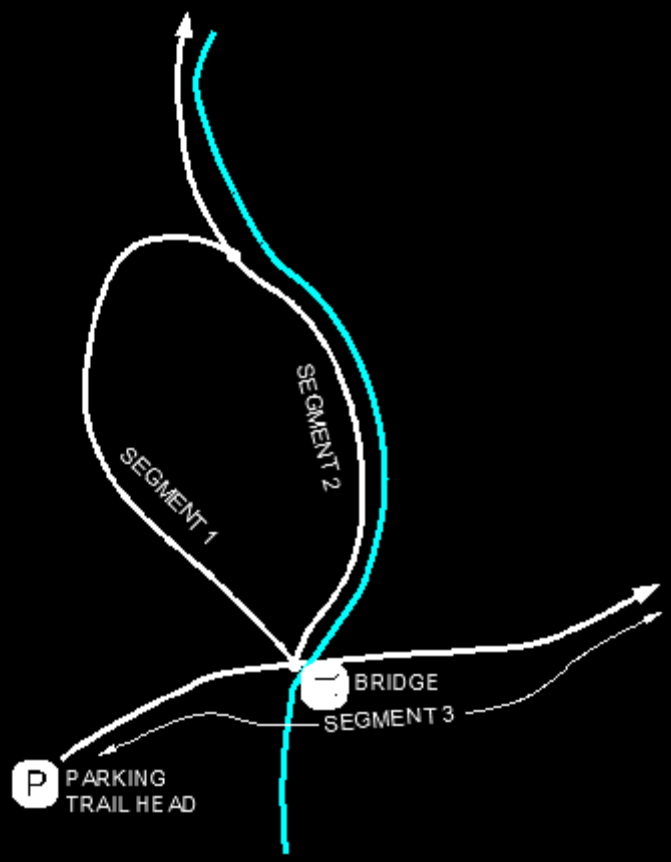
Move Down

-Split-

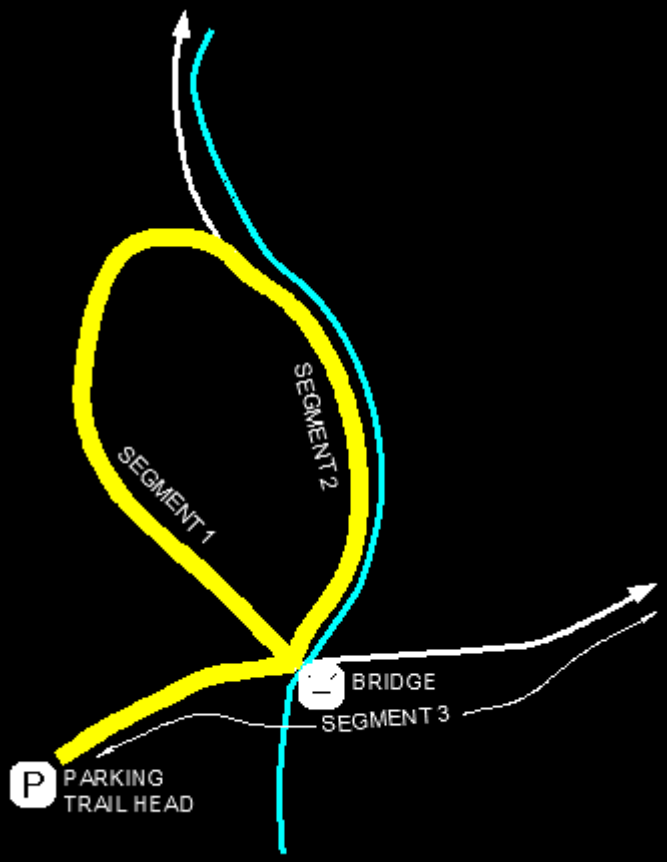
Reverse

Locate in Tree





Three Segments Assessed



Need TAI for "Out and Back"

HETAP Data Center - F:\HETAP Data - Rocky III\hetap_main.db3

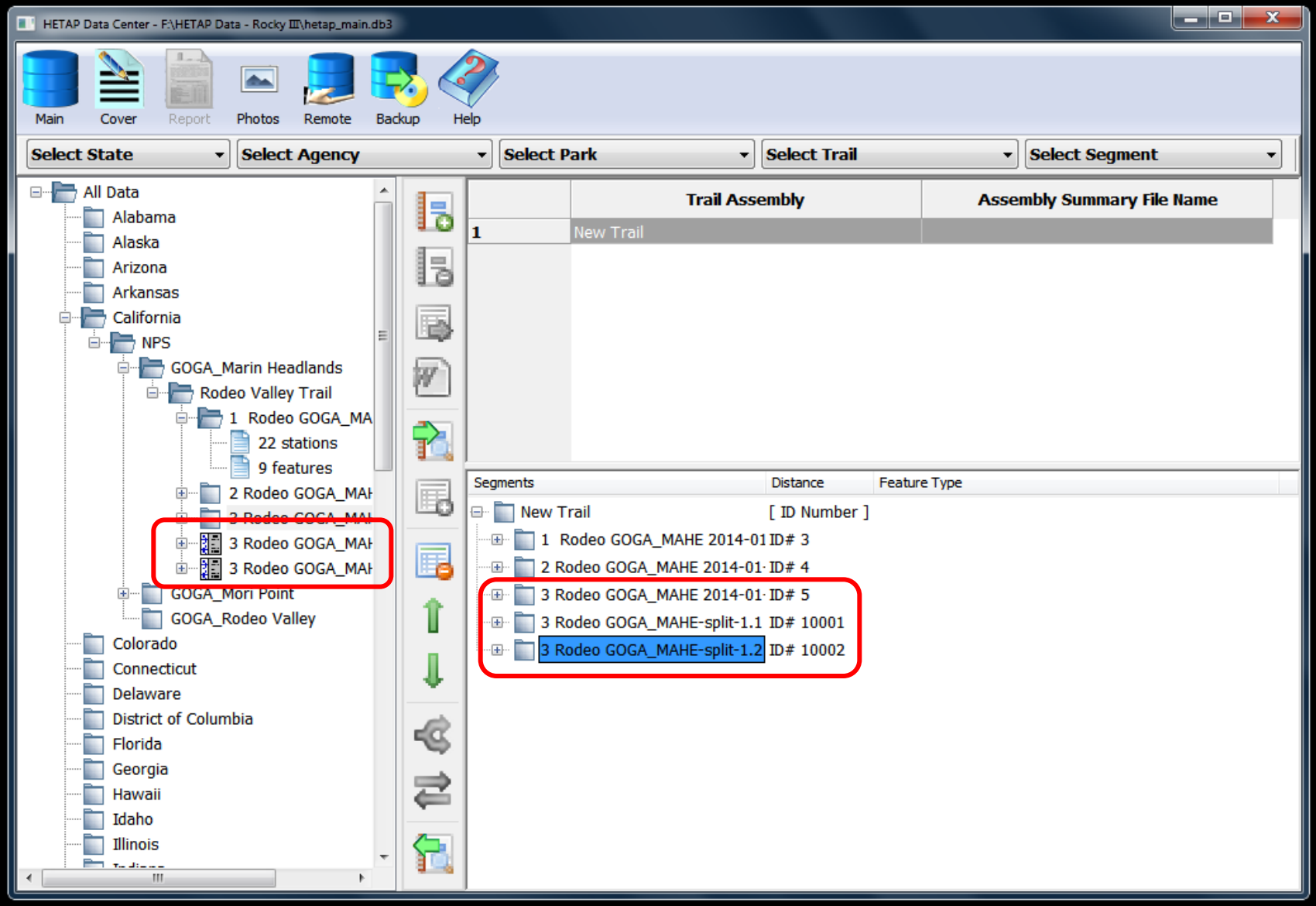
Main | Cover | Report | Photos | Remote | Backup | Help

Select State | Select Agency | Select Park | Select Trail | Select Segment

- All Data
  - Alabama
  - Alaska
  - Arizona
  - Arkansas
  - California
    - NPS
      - GOGA_Marin Headlands
        - Rodeo Valley Trail
          - 1 Rodeo GOGA_MA
          - 2 Rodeo GOGA_MAH
          - 3 Rodeo GOGA_MAH
      - GOGA_Mori Point
      - GOGA_Rodeo Valley
  - Colorado
  - Connecticut
  - Delaware
  - District of Columbia
  - Florida
  - Georgia
  - Hawaii
  - Idaho
  - Illinois
  - Indiana
  - Iowa
  - Kansas
  - Kentucky

	Trail Assembly	Assembly Summary File Name
1	New Trail	

Segments	Distance	Feature Type
Station# 6	147.9 Ft	
Station# 7	182.1 Ft	
Station# 8	213.4 Ft	
Station# 9	230.5 Ft	
Station# 10	256.7 Ft	
Feature	256.7 Ft	Bridge
Station# 11	287.3 Ft	
Station# 12	316.8 Ft	
Station# 13	350.4 Ft	
Station# 14	384.6 Ft	
Station# 15	416.5 Ft	
Station# 16	449.0 Ft	
Station# 17	482.6 Ft	
Station# 18	513.1 Ft	


HETAP Data Center - F:\HETAP Data - Rocky III\hetap_main.db3
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Select State
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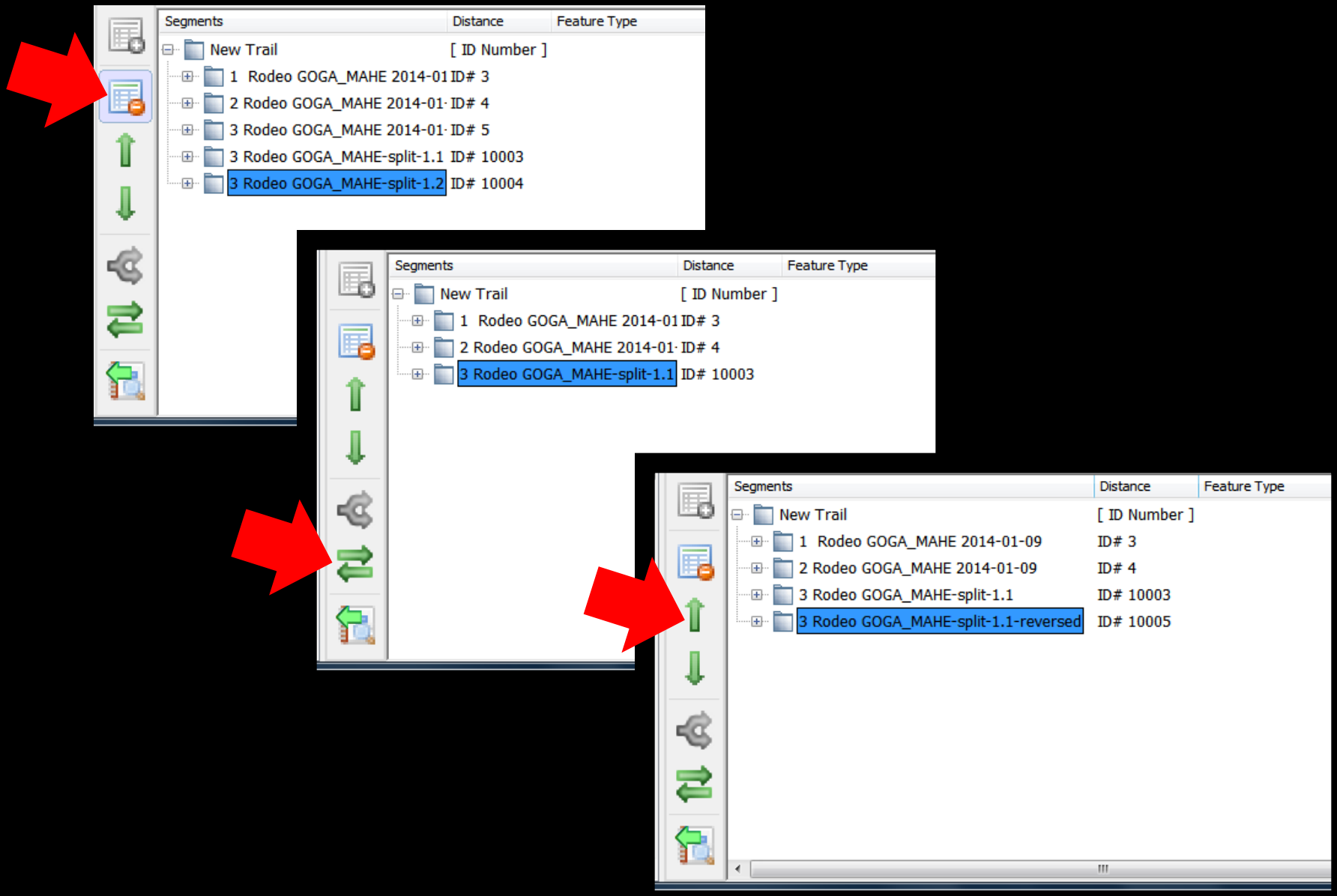
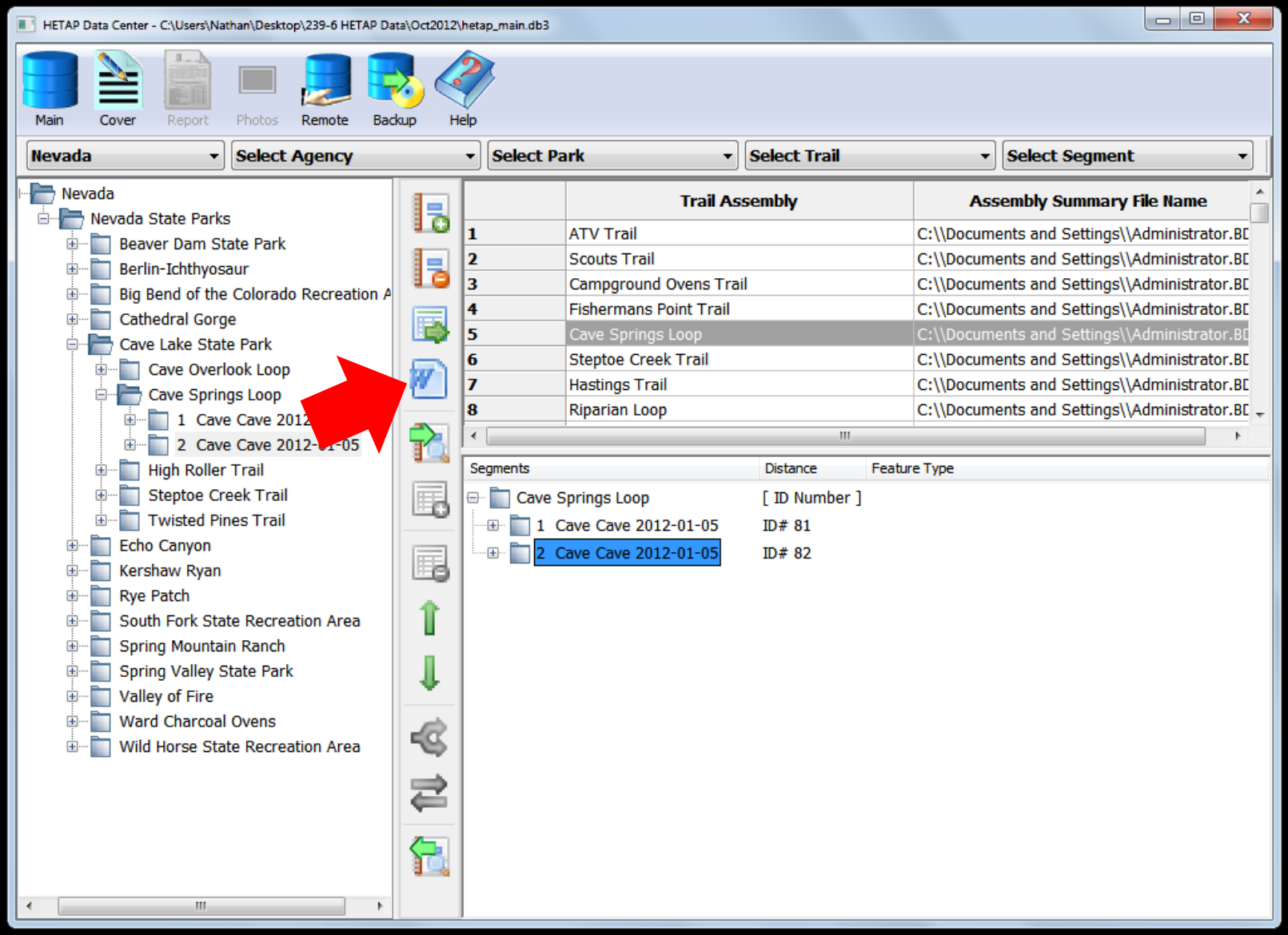
Select Park
Select Trail
Select Segment
All Data
Alabama
Alaska
Arizona
Arkansas
California
NPS
GOGA_Marin Headlands
Rodeo Valley Trail
1 Rodeo GOGA_MA
22 stations
9 features
2 Rodeo GOGA_MAH
3 Rodeo GOGA_MAH
3 Rodeo GOGA_MAH
GOGA_Mori Point
GOGA_Rodeo Valley
Colorado
Connecticut
Delaware
District of Columbia
Florida
Georgia
Hawaii
Idaho
Illinois
Trail Assembly
Assembly Summary File Name
1
New Trail
Segments
Distance
Feature Type
New Trail
[ID Number]
1 Rodeo GOGA_MAHE 2014-01
ID# 3
2 Rodeo GOGA_MAHE 2014-01
ID# 4
3 Rodeo GOGA_MAHE 2014-01
ID# 5
3 Rodeo GOGA_MAHE-split-1.1
ID# 10001
3 Rodeo GOGA_MAHE-split-1.2
ID# 10002


Segments
Distance
Feature Type
New Trail
[ID Number]
1 Rodeo GOGA_MAHE 2014-01 ID# 3
2 Rodeo GOGA_MAHE 2014-01 ID# 4
3 Rodeo GOGA_MAHE 2014-01 ID# 5
3 Rodeo GOGA_MAHE-split-1.1 ID# 10003
3 Rodeo GOGA_MAHE-split-1.2 ID# 10004
Segments
Distance
Feature Type
New Trail
[ID Number]
1 Rodeo GOGA_MAHE 2014-01 ID# 3
2 Rodeo GOGA_MAHE 2014-01 ID# 4
3 Rodeo GOGA_MAHE-split-1.1 ID# 10003
Segments
Distance
Feature Type
New Trail
[ID Number]
1 Rodeo GOGA_MAHE 2014-01-09 ID# 3
2 Rodeo GOGA_MAHE 2014-01-09 ID# 4
3 Rodeo GOGA_MAHE-split-1.1 ID# 10003
3 Rodeo GOGA_MAHE-split-1.1-reversed ID# 10005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Berlin-Ichthyosaur
Big Bend of the Colorado Recreation A
Cathedral Gorge
Cave Lake State Park
Cave Overlook Loop
Cave Springs Loop
1 Cave Cave 2012
2 Cave Cave 2012-01-05
High Roller Trail
Steptoe Creek Trail
Twisted Pines Trail
Echo Canyon
Kershaw Ryan
Rye Patch
South Fork State Recreation Area
Spring Mountain Ranch
Spring Valley State Park
Valley of Fire
Ward Charcoal Ovens
Wild Horse State Recreation Area
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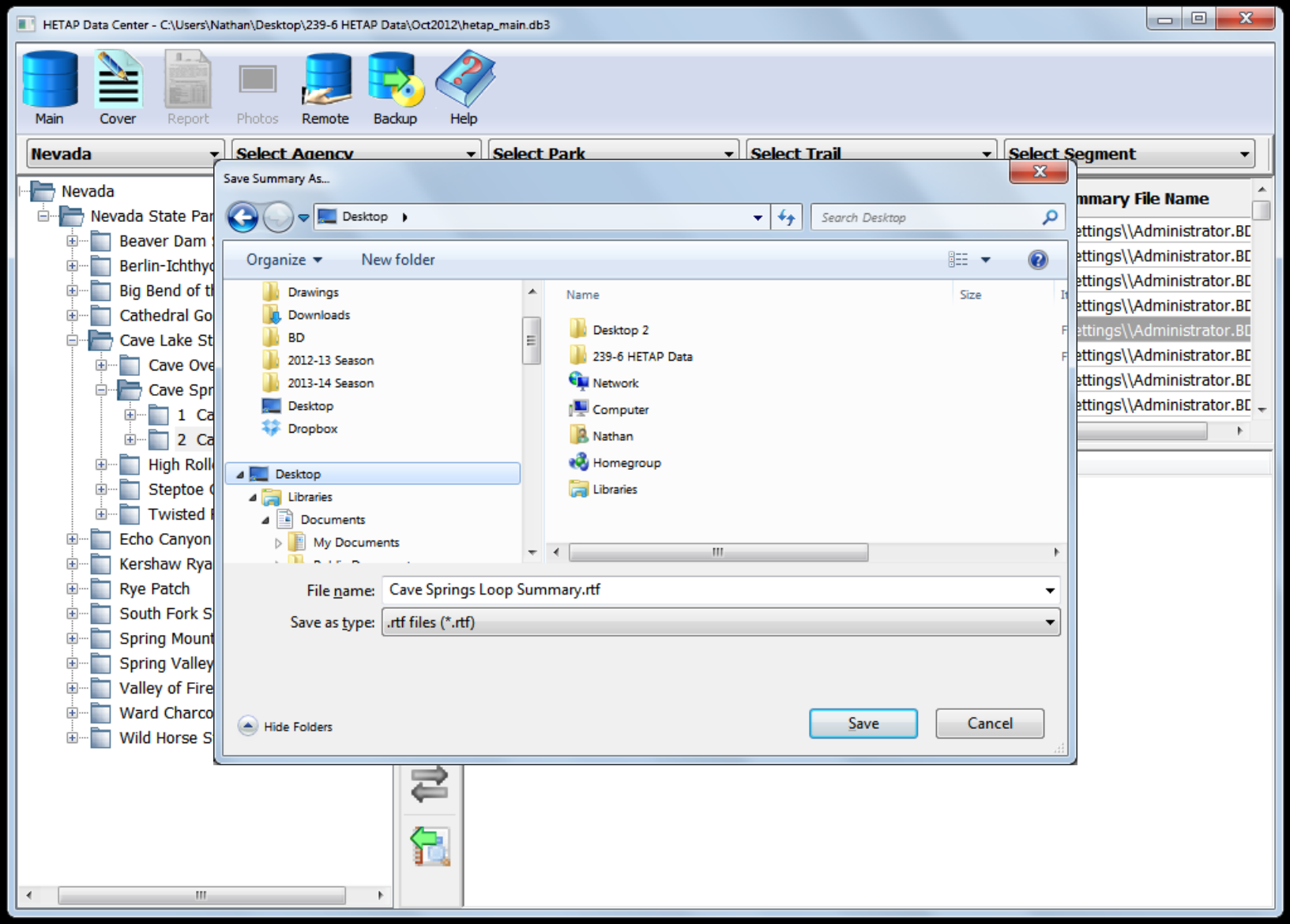
3 Campground Ovens Trail C:\\Documents and Settings\\Administrator.BD
4 Fishermans Point Trail C:\\Documents and Settings\\Administrator.BD
5 Cave Springs Loop C:\\Documents and Settings\\Administrator.BD
6 Steptoe Creek Trail C:\\Documents and Settings\\Administrator.BD
7 Hastings Trail C:\\Documents and Settings\\Administrator.BD
8 Riparian Loop C:\\Documents and Settings\\Administrator.BD
Segments
Distance
Feature Type
Cave Springs Loop
[ID Number]
1 Cave Cave 2012-01-05
ID# 81
2 Cave Cave 2012-01-05
ID# 82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239-6 HETAP Data
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Homegroup
Libraries
File name:
Cave Springs Loop Summary.rtf
Save as type:
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Trail Access Information Summary

Assessment Date: 2012-01-05

Cave Lake State Park

Cave Springs Loop

1 Cave Cave 2012-01-05

Agency: Nevada State Parks
State: Nevada
County: White Pine

Trail Length:	4.9 mi (7.8 km)	Trail Type:	Loop
Elevation: Gain:	965.3 ft (294.2 m)		
Loss:	713.3 ft (217.4 m)		
Typical Grade:	6.5%	Maximum Grade:	40.6%
Typical Cross Slope:	5.1%	Maximum Cross Slope:	30.2%
Typical Tread Width:	23.7 in (60 cm)	Minimum Tread Width:	16.0 in (40 cm)
Minimum Vertical Obstruction Height:	n/a in (n/a cm)	Minimum Clearance Width:	n/a in (n/a cm)

Trail Design and Measurement Thresholds

Minimum Obstruction Height:	6.0 in (15 cm)	Design Tread Width:	18.0 in (45 cm)
Minimum MCW Boundary Height:	12.0 in (30 cm)	Vertical Obstruction Design Height:	120.0 in (304 cm)

Largest Obstruction

Type:	Size (Height):	Remaining Tread:	Location:
Rock	6.0 in (15 cm)	12.0 in (30 cm)	3030.1 ft (923.6 m)
n/a	n/a in (n/a cm)	n/a in (n/a cm)	n/a ft (n/a m)
n/a	n/a in (n/a cm)	n/a in (n/a cm)	n/a ft (n/a m)

Typical Surface Type: Soil

Surface Category:	Length:	Percentage:
Very Soft:	0.0 ft (0.0 m)	0.0 %
Soft:	0.0 ft (0.0 m)	0.0 %
Firm:	21919.1 ft (6680.9 m)	85.5 %
Hard:	12.6 ft (3.8 m)	0.0 %
Paved:	3714.4 ft (1132.1 m)	14.5 %

Rotational Penetrometer:

Typical Firmness:	0.18	Typical Stability:	0.53
Least Firmness:	0.23	Least Stability:	0.89

Trail Access Information Summary

Assessment Date: 2012-01-05

Cave Springs Loop

Agency: Nevada State Parks

Cave Lake State Park

State: Nevada

1 Cave Cave 2012-01-05

County: White Pine

Trail Uses Allowed	Trail Uses Not Allowed
Hiking	Motor Vehicles
Dogs - On Leash	
Bicycling - Mountain	
Equestrian	

Park Information/Amenities:

Park has two developed campgrounds, fishing, hiking, boating and picnicking. Group use camping and picnic areas are available.Contact person is Steve Gray, park supervisor775-296-1505cavelake@mwpower.net

Trailhead Location:

Trailhead is at the end of pavement on Success Loop Road just after the turnoff to Cave Lake

Warning: Trail conditions may have changed since this trail was assessed. Temporary obstructions (e.g. fallen trees or land slides) may not have been mapped. Maximum grades and cross-slopes may vary. Obstructions less than 6.0 in (15 cm) or outside of the tread area 18.0 in (45 cm) wide by 120.0 in (304 cm) high were not reported. Minimum clearance width boundaries were at least 12.0 in (30 cm) high.

This report is generated by HETAP software using a High Efficiency Trail Assessment Process which has been created by Beneficial Designs, Inc.

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trails@beneficialdesigns.com

Trail Access Information Summary

Park Name	Cave Lake State Park	
Trail Name	Cave Springs Loop	
Segment	1 Cave Cave 2012-01-05	
Type	Loop	
Length	4.9 mi (7.8 km)	
Elevation Gain	965.3 ft (294.2 m)	
Elevation Loss	713.3 ft (217.4 m)	
Trail Uses Allowed	Hiking Dogs - On Leash Bicycling - Mountain	Equestrian
Trail Uses NOT Allowed	Motor Vehicles	
Typical Grade	6.5%	Max = 40.6%
Intermediate		
Maximum		
	Standard Ramp Grade is 8.3%	
Typical Cross Slope	5.1%	Max = 30.2%
Intermediate		
Maximum		
Typical Tread Width	23.7 in (60 cm)	Min = 16.0 in (40 cm)
Intermediate		
Minimum		
Surface Type	Soil	
Surface Category	14.5 % of Trail is Paved 0.0 % of Trail is Hard 85.5 % of Trail is Firm	0.0 % of trail is Soft 0.0 % of trail is Very Soft
Firmness	Typical: 0.18	Minimum: 0.23
Stability	Typical: 0.53	Minimum: 0.89

Obstructions:

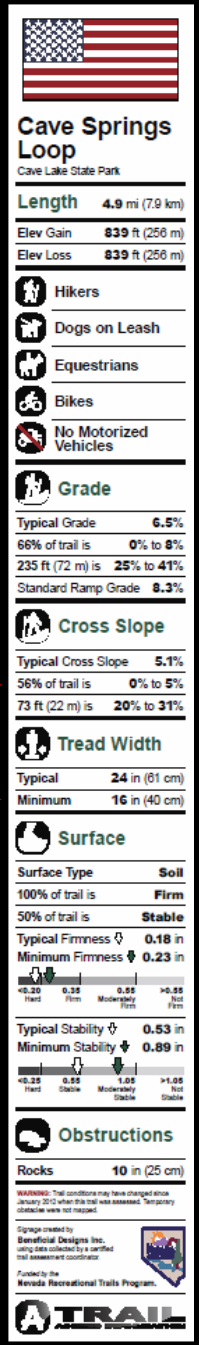
Type:	Size (Height):	Remaining Tread:	Location:
Rock	6.0 in (15 cm)	12.0 in (30 cm)	3030.1 ft (923.6 m)
n/a	n/a in (n/a cm)	n/a in (n/a cm)	#OL1# (n/a m)
n/a	n/a in (n/a cm)	n/a in (n/a cm)	n/a ft (n/a m)

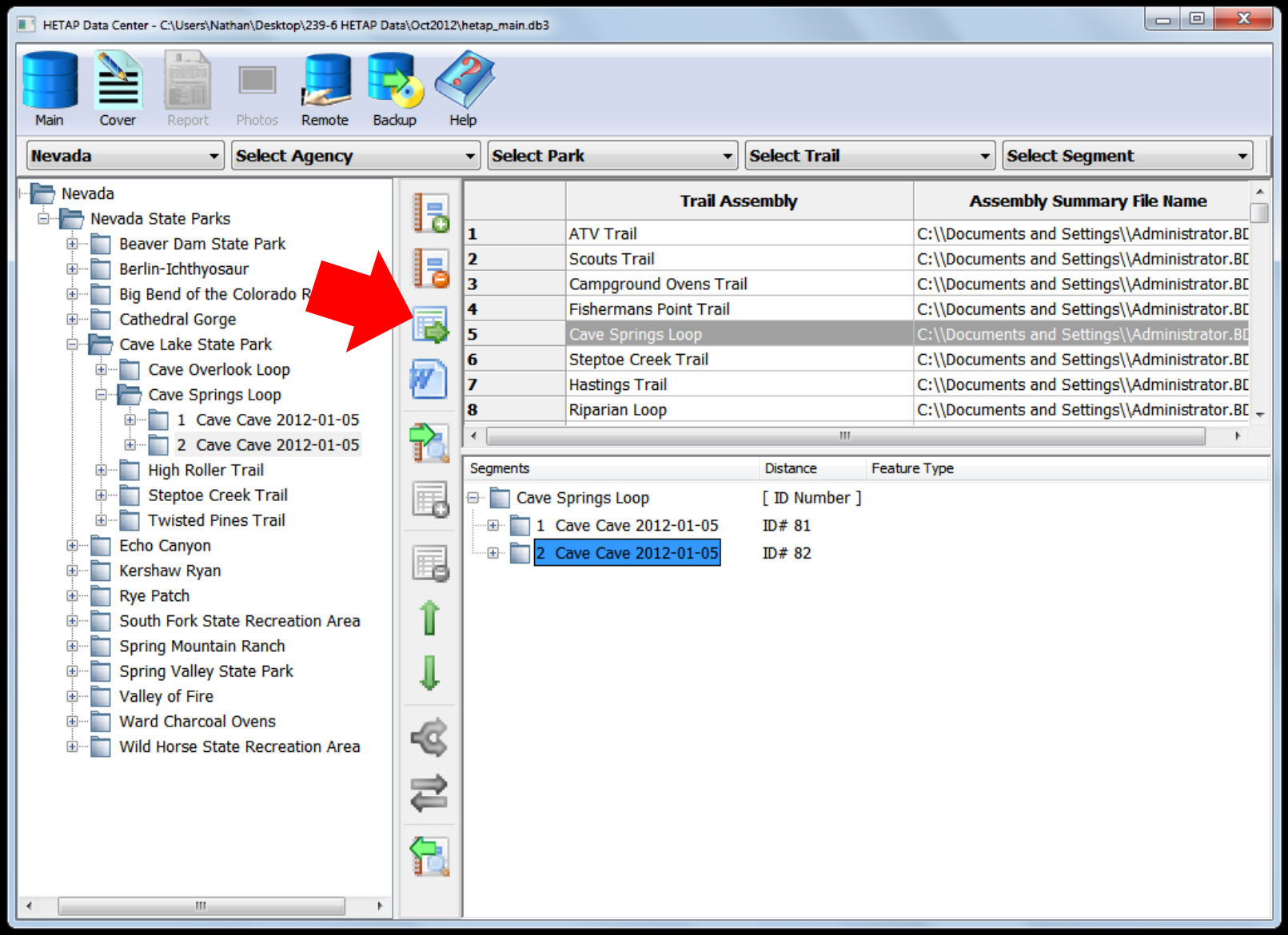
Warning: Trail conditions may have changed since 2012-01-05 when this trail was assessed. Temporary obstacles were not mapped.

Maximum grades and cross-slopes may vary. Obstructions less than 6.0 in (15 cm) or outside of the tread area 18.0 in (45 cm) wide by 120.0 in (304 cm) high were not reported. Minimum clearance width boundaries were at least 12.0 in (30 cm) high

Signage created by Beneficial Designs Inc. from data collected by a Certified Trail Assessment Coordinator using the High Efficiency Trail Assessment Process (HETAP).

Funded by:




HETAP Data Center - C:\Users\Nathan\Desktop\239-6 HETAP Data\Oct2012\hetap_main.db3
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Berlin-Ichthyosaur
Big Bend of the Colorado R
Cathedral Gorge
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Cave Overlook Loop
Cave Springs Loop
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2 Cave Cave 2012-01-05
High Roller Trail
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Assembly Summary File Name
1 ATV Trail C:\\Documents and Settings\\Administrator.BD
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5 Cave Springs Loop C:\\Documents and Settings\\Administrator.BD
6 Steptoe Creek Trail C:\\Documents and Settings\\Administrator.BD
7 Hastings Trail C:\\Documents and Settings\\Administrator.BD
8 Riparian Loop C:\\Documents and Settings\\Administrator.BD
Segments
Distance
Feature Type
Cave Springs Loop
[ID Number]
1 Cave Cave 2012-01-05
ID# 81
2 Cave Cave 2012-01-05
ID# 82

Report Viewer

File Print

Station Data | Features Data

Stations Data Report: Tread Width

	Seg. Number	Station Location	Station Length	Cumul. Length	Cumul. Percent	Tread Width	X-Slope (%)	Grade (%)	Surface Category	Surface Type	Lat.	Lon.
1	1	235.8	3.3	3.3	0.1	24.0	3.9	14.8	Firm	Sand	39.290	-119.277
2	1	277.4	8.6	11.9	0.4	24.0	21.9	-16.1	Firm	Sand	39.290	-119.277
3	1	286.0	7.1	19.0	0.6	24.0	21.6	-12.0	Firm	Sand	39.290	-119.277
4	1	293.0	8.6	27.6	0.8	24.0	11.9	8.6	Firm	Sand	39.290	-119.277
5	1	345.1	19.8	47.4	1.4	24.0	-7.2	0.3	Firm	Sand	39.290	-119.277
6	1	365.0	17.0	64.4	2.0	24.0	-4.0	3.6	Firm	Sand	39.290	-119.277
7	1	382.0	20.9	85.3	2.6	24.0	1.8	-2.0	Firm	Sand	39.290	-119.277
8	1	472.4	8.7	94.0	2.9	24.0	2.9	-10.3	Firm	Sand	39.290	-119.276
9	1	481.1	29.4	123.4	3.8	24.0	-2.5	-5.5	Firm	Sand	39.290	-119.276
10	1	510.5	20.9	144.2	4.4	24.0	11.0	0.3	Firm	Sand	39.290	-119.276
11	1	531.4	10.5	154.8	4.7	24.0	16.0	5.2	Firm	Sand	39.290	-119.276
12	1	541.9	7.8	162.5	5.0	24.0	8.0	-3.1	Firm	Sand	39.290	-119.276
13	1	549.6	2.2	164.7	5.0	24.0	-1.2	4.8	Firm	Sand	39.290	-119.276
14	1	551.8	6.2	171.0	5.2	24.0	32.8	-8.8	Firm	Sand	39.290	-119.276
15	1	558.1	4.7	175.7	5.4	24.0	12.9	-12.5	Firm	Sand	39.290	-119.276
16	1	223.9	3.5	179.2	5.5	30.0	0.1	-28.4	Firm	Sand	39.290	-119.277
17	1	227.5	4.0	183.2	5.6	30.0	1.9	-31.0	Firm	Sand	39.290	-119.277
18	1	231.5	4.3	187.6	5.7	30.0	-0.3	-11.9	Firm	Sand	39.290	-119.277
19	1	452.3	8.3	195.9	6.0	30.0	9.7	-18.0	Firm	Sand	39.290	-119.276
20	1	460.6	11.8	207.7	6.3	30.0	6.2	-26.6	Firm	Sand	39.290	-119.276
21	1	562.8	14.2	221.9	6.8	30.0	-1.5	-3.3	Firm	Sand	39.290	-119.276
22	1	577.1	5.1	227.0	6.9	30.0	-11.9	13.2	Firm	Sand	39.290	-119.276
23	1	582.2	2.7	229.8	7.0	30.0	-16.7	18.4	Firm	Sand	39.290	-119.276
24	1	584.9	11.0	240.8	7.4	30.0	3.6	-10.0	Firm	Sand	39.290	-119.276
25	1	595.9	64.3	305.1	9.3	30.0	-2.0	-1.5	Firm	Sand	39.290	-119.276
26	1	660.2	36.1	341.2	10.4	30.0	-2.1	-2.7	Firm	Sand	39.290	-119.276

Report: Tread Width

Station Location	Station Length	Cumul. Length	Cumul. Percent	Tread Width	X-Slope (%)	Grade (%)	Surface Category
235.8	3.3	3.3	0.1	24.0	3.9	14.8	Firm
277.4	8.6	11.9	0.4	24.0	21.9	-16.1	Firm
286.0	7.1	19.0	0.6	24.0	21.6	-12.0	Firm
293.0	8.6	27.6	0.8	24.0	11.9	8.6	Firm
345.1	19.8	47.4	1.4	24.0	-7.2	0.3	Firm
365.0	17.0	64.4	2.0	24.0	-4.0	3.6	Firm
382.0	20.9	85.3	2.6	24.0	1.8	-2.0	Firm
472.4	8.7	94.0	2.9	24.0	2.9	-10.3	Firm
481.1	29.4	123.4	3.8	24.0	-2.5	-5.5	Firm
510.5	20.9	144.2	4.4	24.0	11.0	0.3	Firm
531.4	10.5	154.8	4.7	24.0	16.0	5.2	Firm
541.9	7.8	162.5	5.0	24.0	8.0	-3.1	Firm
549.6	2.2	164.7	5.0	24.0	-1.2	4.8	Firm
551.8	6.2	171.0	5.2	24.0	32.8	-8.8	Firm
558.1	4.7	175.7	5.4	24.0	12.9	-12.5	Firm
223.9	3.5	179.2	5.5	30.0	0.1	-28.4	Firm

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Stations Data Report: Max Cross Slope

	Seg. Number	Station Location	Station Length	Cumul. Length	Cumul. Percent	Tread Width	X-Slope (%)	Grade (%)	Surface Category	Surface Type	Lat.	Lon.
1	1	551.8	6.2	6.2	0.2	24.0	32.8	-8.8	Firm	Sand	39.290	-119.276
2	1	277.4	8.6	14.8	0.5	24.0	21.9	-16.1	Firm	Sand	39.290	-119.277
3	1	286.0	7.1	21.9	0.7	24.0	21.6	-12.0	Firm	Sand	39.290	-119.277
4	1	257.2	11.9	33.8	1.0	36.0	-17.0	-2.9	Firm	Sand	39.290	-119.277
5	1	582.2	2.7	36.5	1.1	30.0	-16.7	18.4	Firm	Sand	39.290	-119.276
6	1	531.4	10.5	47.0	1.4	24.0	16.0	5.2	Firm	Sand	39.290	-119.276
7	1	558.1	4.7	51.8	1.6	24.0	12.9	-12.5	Firm	Sand	39.290	-119.276
8	1	66.1	9.2	60.9	1.9	44.0	-12.1	-7.0	Firm	Sand	39.290	-119.277
9	1	577.1	5.1	66.0	2.0	30.0	-11.9	13.2	Firm	Sand	39.290	-119.276
10	1	293.0	8.6	74.6	2.3	24.0	11.9	8.6	Firm	Sand	39.290	-119.277
11	1	425.5	12.1	86.7	2.6	36.0	-11.6	-1.4	Firm	Sand	39.290	-119.276
12	1	510.5	20.9	107.6	3.3	24.0	11.0	0.3	Firm	Sand	39.290	-119.276
13	1	318.6	26.6	134.2	4.1	36.0	-10.8	-5.7	Firm	Sand	39.290	-119.277
14	1	452.3	8.3	142.5	4.4	30.0	9.7	-18.0	Firm	Sand	39.290	-119.276
15	1	541.9	7.8	150.3	4.6	24.0	8.0	-3.1	Firm	Sand	39.290	-119.276
16	1	1216.2	33.6	183.9	5.6	48.0	-7.8	-3.3	Firm	Aggregate/ Gravel	39.289	-119.274
17	1	402.9	22.6	206.6	6.3	36.0	7.4	0.7	Firm	Sand	39.290	-119.276
18	1	345.1	19.8	226.4	6.9	24.0	-7.2	0.3	Firm	Sand	39.290	-119.277
19	1	49.5	5.5	231.9	7.1	44.0	6.7	10.1	Firm	Sand	39.290	-119.277
20	1	460.6	11.8	243.7	7.4	30.0	6.2	-26.6	Firm	Sand	39.290	-119.276
21	3	2805.3	42.0	285.7	8.7	55.0	6.1	-9.6	Soft	Sand	39.291	-119.275
22	1	249.3	8.0	293.6	9.0	36.0	-5.7	-2.8	Firm	Sand	39.290	-119.277
23	1	301.6	16.9	310.5	9.5	36.0	5.6	9.0	Firm	Sand	39.290	-119.277
24	1	11.9	11.0	321.6	9.8	32.0	5.2	-5.0	Firm	Sand	39.291	-119.277
25	1	123.6	12.7	334.3	10.2	48.0	5.1	11.3	Firm	Sand	39.290	-119.277
26	1	825.2	60.6	394.9	12.1	40.0	-4.4	-3.5	Firm	Sand	39.289	-119.275

Report: Max Cross Slope

Station Location	Station Length	Cumul. Length	Cumul. Percent	Tread Width	X-Slope (%)	Grade (%)	Surface Category
551.8	6.2	6.2	0.2	24.0	32.8	-8.8	Firm
277.4	8.6	14.8	0.5	24.0	21.9	-16.1	Firm
286.0	7.1	21.9	0.7	24.0	21.6	-12.0	Firm
257.2	11.9	33.8	1.0	36.0	-17.0	-2.9	Firm
582.2	2.7	36.5	1.1	30.0	-16.7	18.4	Firm
531.4	10.5	47.0	1.4	24.0	16.0	5.2	Firm
558.1	4.7	51.8	1.6	24.0	12.9	-12.5	Firm
66.1	9.2	60.9	1.9	44.0	-12.1	-7.0	Firm
577.1	5.1	66.0	2.0	30.0	-11.9	13.2	Firm
293.0	8.6	74.6	2.3	24.0	11.9	8.6	Firm
425.5	12.1	86.7	2.6	36.0	-11.6	-1.4	Firm

Report: Max Cross Slope

Station Location	Station Length	Cumul. Length	Cumul. Percent	Tread Width	X-Slope (%)	Grade (%)	Surface Category
1216.2	33.6	183.9	5.6	48.0	-7.8	-3.3	Firm
402.9	22.6	206.6	6.3	36.0	7.4	0.7	Firm
345.1	19.8	226.4	6.9	24.0	-7.2	0.3	Firm
49.5	5.5	231.9	7.1	44.0	6.7	10.1	Firm
460.6	11.8	243.7	7.4	30.0	6.2	-26.6	Firm
2805.3	42.0	285.7	8.7	55.0	6.1	-9.6	Soft
249.3	8.0	293.6	9.0	36.0	-5.7	-2.8	Firm
301.6	16.9	310.5	9.5	36.0	5.6	9.0	Firm
11.9	11.0	321.6	9.8	32.0	5.2	-5.0	Firm
123.6	12.7	334.3	10.2	48.0	5.1	11.3	Firm
825.2	60.6	394.9	12.1	40.0	-4.4	-3.5	Firm

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Stations Data Report: Max Grade

	Seg. Number	Station Location	Station Length	Cumul. Length	Cumul. Percent	Tread Width	X-Slope (%)	Grade (%)	Surface Category	Surface Type	Lat.	Lon.
1	1	227.5	4.0	4.0	0.1	30.0	1.9	-31.0	Firm	Sand	39.290	-119.277
2	1	223.9	3.5	7.5	0.2	30.0	0.1	-28.4	Firm	Sand	39.290	-119.277
3	1	460.6	11.8	19.3	0.6	30.0	6.2	-26.6	Firm	Sand	39.290	-119.276
4	1	239.1	3.5	22.8	0.7	36.0	3.4	24.4	Firm	Sand	39.290	-119.277
5	1	77.6	6.3	29.2	0.9	44.0	-0.4	-22.5	Firm	Sand	39.290	-119.277
6	1	154.1	9.4	38.6	1.2	48.0	-2.2	-18.9	Firm	Sand	39.290	-119.277
7	1	582.2	2.7	41.3	1.3	30.0	-16.7	18.4	Firm	Sand	39.290	-119.276
8	1	452.3	8.3	49.7	1.5	30.0	9.7	-18.0	Firm	Sand	39.290	-119.276
9	1	277.4	8.6	58.2	1.8	24.0	21.9	-16.1	Firm	Sand	39.290	-119.277
10	3	2762.1	12.0	70.2	2.1	55.0	3.6	-15.8	Soft	Sand	39.291	-119.275
11	1	235.8	3.3	73.5	2.2	24.0	3.9	14.8	Firm	Sand	39.290	-119.277
12	1	1200.3	15.9	89.4	2.7	48.0	1.0	-14.8	Firm	Sand	39.289	-119.274
13	1	577.1	5.1	94.5	2.9	30.0	-11.9	13.2	Firm	Sand	39.290	-119.276
14	1	558.1	4.7	99.3	3.0	24.0	12.9	-12.5	Firm	Sand	39.290	-119.276
15	1	286.0	7.1	106.3	3.2	24.0	21.6	-12.0	Firm	Sand	39.290	-119.277
16	1	231.5	4.3	110.6	3.4	30.0	-0.3	-11.9	Firm	Sand	39.290	-119.277
17	2	1773.8	6.6	117.2	3.6	48.0	1.2	11.5	Firm	Sand	39.290	-119.273
18	3	2754.6	7.5	124.7	3.8	55.0	-0.5	11.4	Soft	Sand	39.291	-119.275
19	2	1740.7	6.3	131.0	4.0	48.0	-0.2	11.4	Firm	Aggregate/ Gravel	39.290	-119.273
20	1	123.6	12.7	143.7	4.4	48.0	5.1	11.3	Firm	Sand	39.290	-119.277
21	2	1769.6	4.2	147.9	4.5	48.0	2.2	-10.9	Firm	Aggregate/ Gravel	39.290	-119.273
22	1	472.4	8.7	156.6	4.8	24.0	2.9	-10.3	Firm	Sand	39.290	-119.276
23	1	49.5	5.5	162.1	5.0	44.0	6.7	10.1	Firm	Sand	39.290	-119.277
24	1	584.9	11.0	173.2	5.3	30.0	3.6	-10.0	Firm	Sand	39.290	-119.276
25	2	1780.3	8.6	181.8	5.6	40.0	-0.6	-10.0	Firm	Sand	39.290	-119.273
26	3	2805.3	42.0	223.8	6.8	55.0	6.1	-9.6	Soft	Sand	39.291	-119.275

Report: Max Grade

Station Location	Station Length	Cumul. Length	Cumul. Percent	Tread Width	X-Slope (%)	Grade (%)	Surface Category
558.1	4.7	99.3	3.0	24.0	12.9	-12.5	Firm
286.0	7.1	106.3	3.2	24.0	21.6	-12.0	Firm
231.5	4.3	110.6	3.4	30.0	-0.3	-11.9	Firm
1773.8	6.6	117.2	3.6	48.0	1.2	11.5	Firm
2754.6	7.5	124.7	3.8	55.0	-0.5	11.4	Soft
1740.7	6.3	131.0	4.0	48.0	-0.2	11.4	Firm
123.6	12.7	143.7	4.4	48.0	5.1	11.3	Firm
1769.6	4.2	147.9	4.5	48.0	2.2	-10.9	Firm
472.4	8.7	156.6	4.8	24.0	2.9	-10.3	Firm
49.5	5.5	162.1	5.0	44.0	6.7	10.1	Firm
584.9	11.0	173.2	5.3	30.0	3.6	-10.0	Firm

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Stations Data Report: Max Grade

	Seg. Number	Station Location	Station Length	Cumul. Length	Cumul. Percent	Tread Width	X-Slope (%)	Grade (%)	Surface Category	Surface Type	Lat.	Lon.
20	1	123.6	12.7	143.7	4.4	48.0	5.1	11.3	Firm	Sand	39.290	-119.277
21	2	1769.6	4.2	147.9	4.5	48.0	2.2	-10.9	Firm	Aggregate/ Gravel	39.290	-119.273
22	1	472.4	8.7	156.6	4.8	24.0	2.9	-10.3	Firm	Sand	39.290	-119.276
23	1	49.5	5.5	162.1	5.0	44.0	6.7	10.1	Firm	Sand	39.290	-119.277
24	1	584.9	11.0	173.2	5.3	30.0	3.6	-10.0	Firm	Sand	39.290	-119.276
25	2	1780.3	8.6	181.8	5.6	40.0	-0.6	-10.0	Firm	Sand	39.290	-119.273
26	3	2805.3	42.0	223.8	6.8	55.0	6.1	-9.6	Soft	Sand	39.291	-119.275
27	2	1477.2	5.8	229.5	7.0	50.0	-0.2	-9.3	Firm	Aggregate/ Gravel	39.289	-119.273
28	1	42.4	7.1	236.7	7.2	44.0	3.7	9.1	Firm	Sand	39.290	-119.277
29	1	301.6	16.9	253.6	7.7	36.0	5.6	9.0	Firm	Sand	39.290	-119.277
30	1	551.8	6.2	259.8	7.9	24.0	32.8	-8.8	Firm	Sand	39.290	-119.276
31	1	293.0	8.6	268.4	8.2	24.0	11.9	8.6	Firm	Sand	39.290	-119.277
32	1	23.0	12.3	280.7	8.6	44.0	0.0	-7.2	Firm	Sand	39.290	-119.277
33	3	3153.5	47.5	328.2	10.0	48.0	1.9	-7.1	Firm	Sand	39.291	-119.277
34	1	66.1	9.2	337.3	10.3	44.0	-12.1	-7.0	Firm	Sand	39.290	-119.277
35	1	163.6	18.6	355.9	10.9	48.0	0.6	-6.8	Firm	Sand	39.290	-119.277
36	1	85.6	32.9	388.8	11.9	48.0	-1.6	-6.8	Hard	Wood - Decking	39.290	-119.277
37	1	1365.0	15.5	404.2	12.3	48.0	1.6	6.5	Firm	Aggregate/ Gravel	39.289	-119.273
38	1	216.4	7.5	411.7	12.6	56.0	-2.0	6.1	Firm	Sand	39.290	-119.277
39	1	242.6	6.6	418.3	12.8	36.0	-1.2	6.1	Firm	Sand	39.290	-119.277
40	1	318.6	26.6	444.9	13.6	36.0	-10.8	-5.7	Firm	Sand	39.290	-119.277
41	3	3201.0	34.0	479.0	14.6	48.0	-0.8	-5.7	Soft	Sand	39.291	-119.277
42	1	481.1	29.4	508.3	15.5	24.0	-2.5	-5.5	Firm	Sand	39.290	-119.276
43	1	531.4	10.5	518.9	15.9	24.0	16.0	5.2	Firm	Sand	39.290	-119.276
44	1	1380.5	17.0	535.8	16.4	48.0	2.9	5.1	Firm	Aggregate/ Gravel	39.289	-119.273
45	1	11.9	11.0	546.9	16.7	32.0	5.2	-5.0	Firm	Sand	39.291	-119.277

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Stations Data Report: Surface Type

	Seg. Number	Station Location	Station Length	Cumul. Length	Cumul. Percent	Tread Width	X-Slope (%)	Grade (%)	Surface Category	Surface Type	Lat.	Lon.
1	1	1216.2	33.6	33.6	1.0	48.0	-7.8	-3.3	Firm	Aggregate/ Gravel	39.289	-119.274
2	1	1249.8	40.0	73.6	2.2	48.0	-3.2	-2.1	Firm	Aggregate/ Gravel	39.289	-119.274
3	1	1289.7	75.3	148.9	4.5	48.0	0.9	1.9	Firm	Aggregate/ Gravel	39.289	-119.274
4	1	1365.0	15.5	164.3	5.0	48.0	1.6	6.5	Firm	Aggregate/ Gravel	39.289	-119.273
5	1	1380.5	17.0	181.3	5.5	48.0	2.9	5.1	Firm	Aggregate/ Gravel	39.289	-119.273
6	1	1416.1	21.4	202.7	6.2	48.0	2.2	-1.7	Firm	Aggregate/ Gravel	39.289	-119.273
7	1	1437.5	0.0	202.7	6.2	48.0	1.7	-0.3	Firm	Aggregate/ Gravel	39.289	-119.273
8	2	1437.5	39.7	242.4	7.4	48.0	1.6	0.0	Firm	Aggregate/ Gravel	39.289	-119.273
9	2	1477.2	5.8	248.2	7.6	50.0	-0.2	-9.3	Firm	Aggregate/ Gravel	39.289	-119.273
10	2	1483.0	19.8	268.0	8.2	50.0	3.8	0.7	Firm	Aggregate/ Gravel	39.289	-119.273
11	2	1740.7	6.3	274.3	8.4	48.0	-0.2	11.4	Firm	Aggregate/ Gravel	39.290	-119.273
12	2	1769.6	4.2	278.5	8.5	48.0	2.2	-10.9	Firm	Aggregate/ Gravel	39.290	-119.273
13	3	2774.1	31.2	309.7	9.5	48.0	-1.0	3.5	Paved	Aggregate/ Gravel	39.291	-119.275
14	2	1747.0	22.6	332.3	10.2	48.0	0.4	2.5	Paved	Asphalt	39.290	-119.273
15	1	0.0	11.9	344.2	10.5	44.0	-2.0	-2.9	Firm	Sand	39.291	-119.277
16	1	11.9	11.0	355.3	10.9	32.0	5.2	-5.0	Firm	Sand	39.291	-119.277
17	1	23.0	12.3	367.6	11.2	44.0	0.0	-7.2	Firm	Sand	39.290	-119.277
18	1	35.3	7.1	374.7	11.4	44.0	-1.0	3.8	Firm	Sand	39.290	-119.277
19	1	42.4	7.1	381.8	11.7	44.0	3.7	9.1	Firm	Sand	39.290	-119.277
20	1	49.5	5.5	387.3	11.8	44.0	6.7	10.1	Firm	Sand	39.290	-119.277
21	1	55.0	11.0	398.4	12.2	44.0	-1.9	-2.1	Firm	Sand	39.290	-119.277
22	1	66.1	9.2	407.5	12.4	44.0	-12.1	-7.0	Firm	Sand	39.290	-119.277
23	1	75.2	2.4	409.9	12.5	44.0	-1.1	-1.3	Firm	Sand	39.290	-119.277
24	1	77.6	6.3	416.3	12.7	44.0	-0.4	-22.5	Firm	Sand	39.290	-119.277
25	1	118.5	5.1	421.4	12.9	48.0	-3.0	1.9	Firm	Sand	39.290	-119.277
26	1	123.6	12.7	434.1	13.3	48.0	5.1	11.3	Firm	Sand	39.290	-119.277

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Features Data Report: Feature Type

	Seg. Num.	Aggr. Dist	Zone	Feature Type	Description	L	W	H	Qty.	End Dist.	Rem. Tread	Blt. & Acc.	Action Required	Material Needed
1	63	1397.4	Trail	Bridge	Road bridge across Buckland Ditch with handrails	0.0	0.0	0.0	1	0.0	0.0			
2	63	84.0	Trail	Bridge	Wooden bridge over Buckland Ditch with handrails	34.0	4.0	4.0	1	118.4	48.0			
3	63	-0.0	Trail	Intersection	Junction with short, 30 access trail from small parking area.	0.0	0.0	0.0	1	0.0	0.0			
4	63	243.0	Trail	Intersection	Junction with short trail leading to campground entrance station	0.0	0.0	0.0	1	0.0	0.0			
5	63	811.4	Trail	Intersection	Junction with connector trail leading to campground and	0.0	0.0	0.0	1	0.0	0.0			
6	63	1216.1	Trail	Intersection	Junction with access trail leading to campground next to picnic shelter.	0.0	0.0	0.0	1	0.0	0.0			
7	63	1437.4	Trail	Other Feature	End of segment	0.0	0.0	0.0	1	0.0	0.0			
8	63	1216.1	Trail	Parking	Trail follows parking lot and across road bridge.	0.0	0.0	0.0	1	0.0	0.0			
9	63	1216.1	Visual	Picnic Area	Pony Bob Haslam Group Picnic Area with shelters and toilets.	0.0	0.0	0.0	1	0.0	0.0			
10	63	500.0	Trail	Rotational Penetrometer Readings	RP #007	0.0	0.0	0.0	1	0.0	0.0			
11	63	950.0	Trail	Rotational Penetrometer Readings	RP #007	0.0	0.0	0.0	1	0.0	0.0			
	63	-0.0	Trail	Trailhead	Start of Buckland	0.0	0.0	0.0	1	0.0	0.0			

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Station Data | Features Data | Rotational Penetrometer Data

Features Data Report: Feature Height

	Seg. Num.	Aggr. Dist	Zone	Feature Type	Description	L	W	H	Qty.	End Dist.	Rem. Tread	Blt. & Acc.	Action Required	Material Needed
11	7	1242.6	Trail	Bollard	Metal bollard in center of bike path	0.4	0.4	3.0	1	0.0	48.0			
12	7	2824.8	Trail	Bollard	Metal bollard in center of bike path	0.4	0.4	3.0	1	0.0	48.0			
13	7	2859.5	Trail	Bollard	Metal bollard in center of bike path	0.4	0.4	3.0	1	0.0	48.0			
14	7	13.8	Visual	Bench	Wood and metal bench with backrest	8.0	2.0	2.7	1	0.0	0.0			
15	7	2024.1	Visual	Bench	Wood and metal bench with backrest	8.0	2.0	2.7	1	0.0	0.0			
16	7	3340.8	Visual	Bench	Wood and metal bench with backrest	8.0	2.0	2.7	1	0.0	0.0			
17	7	2327.1	Trail	Hole	Hole in asphalt	0.7	0.7	0.6	1	0.0	72.0			
18	7	821.2	Trail	Hole	Hole in asphalt	0.2	0.3	0.4	1	0.0	60.0			
19	7	173.0	Trail	Rut	Crack in asphalt	0.1	4.0	0.1	1	0.0	48.0			
20	7	352.9	Trail	Other Feature	Monitoring well manhole in trail	0.9	0.9	0.1	1	0.0	76.0			
21	7	451.7	Trail	Rut	Crack in asphalt	0.1	5.0	0.1	1	0.0	48.0			
22	7	555.7	Trail	Other Feature	Manhole in trail	1.3	2.0	0.1	1	0.0	36.0			
23	7	558.1	Trail	Rut	Crack in asphalt	0.1	7.1	0.1	1	0.0	48.0			
24	7	627.4	Trail	Rut	Crack in asphalt	0.1	7.1	0.1	1	0.0	48.0			
25	7	700.7	Trail	Rut	Crack in asphalt	0.1	7.1	0.1	1	0.0	48.0			
26	7	1024.3	Trail	Rut	Crack in asphalt	0.1	4.0	0.1	1	0.0	48.0			
27	7	1115.2	Trail	Rut	Crack in asphalt	0.1	5.0	0.1	1	0.0	48.0			
28	7	1222.0	Trail	Bump		0.1	8.2	0.1	1	0.0	24.0			
29	7	1240.3	Trail	Bump		0.1	8.2	0.1	1	0.0	0.0			
30	7	1346.1	Trail	Rut	Crack in asphalt	0.1	6.3	0.1	1	0.0	0.0			
31	7	1470.0	Trail	Rut	Crack in asphalt	0.1	6.3	0.1	1	0.0	12.0			

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Rotational Penetrometer Data Report: Distance

	Seg. Num.	Aggr. Dist	F1	F2	F3	F4	F5	Firm Avg.	Firm Std Dev.	S1	S2	S3	S4	S5	Stab. Avg.	Stab. Std Dev.
1	72	635.0	0.22	0.20	0.18	0.21	0.22	0.21	0.015	0.55	0.51	0.47	0.68	0.75	0.59	0.106
2	72	1400.0	0.19	0.20	0.23	0.23	0.22	0.21	0.016	0.75	0.71	0.78	0.78	0.69	0.74	0.037
3	72	3300.0	0.17	0.18	0.18	0.19	0.19	0.18	0.007	0.28	0.39	0.40	0.29	0.35	0.34	0.050
4	72	6000.0	0.68	0.26	0.43	0.25	0.40	0.40	0.156	1.92	1.66	1.82	0.80	1.36	1.51	0.403

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