

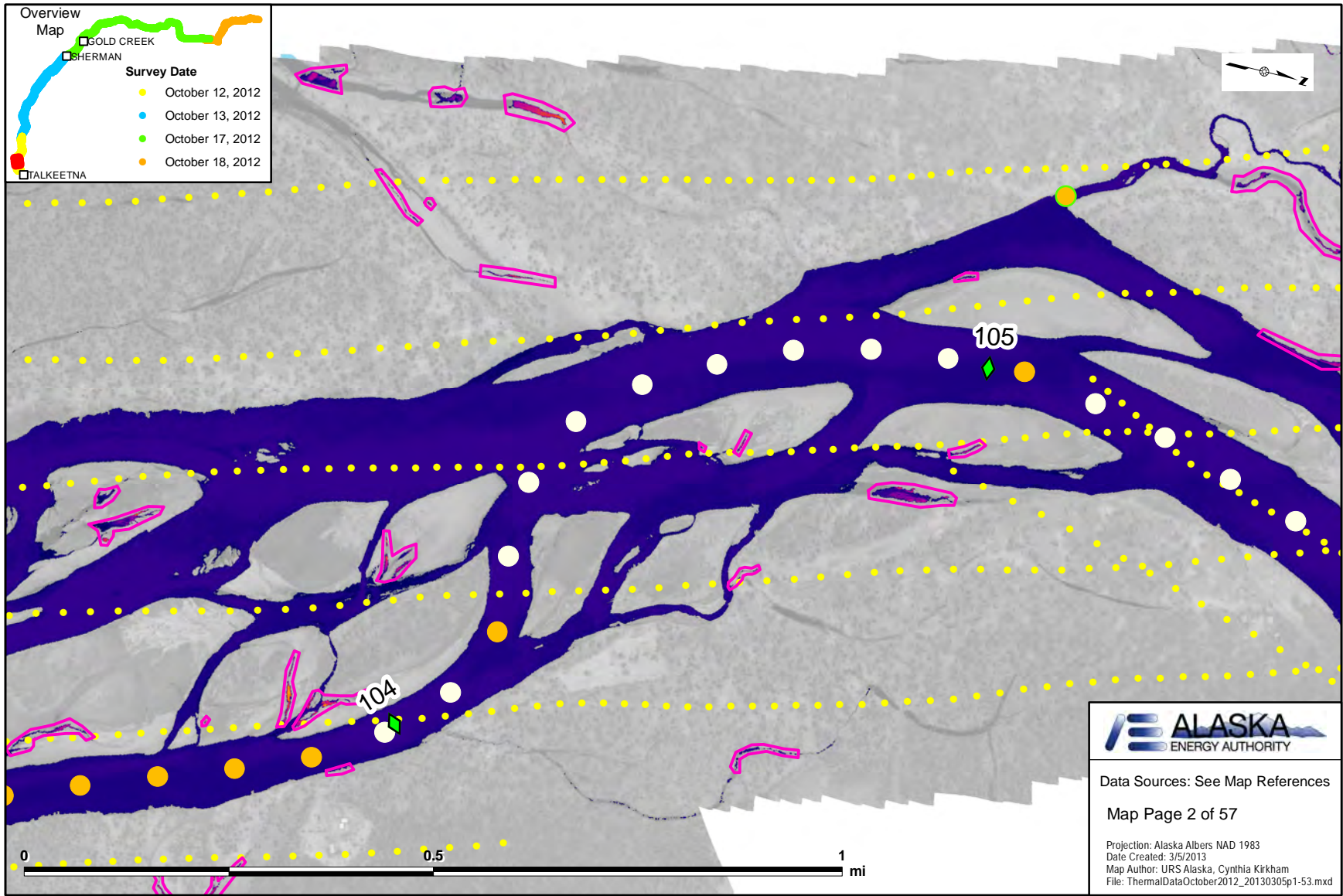
Data Sources: See Map References

Map Page 1 of 57

Projection: Alaska Albers NAD 1983
 Date Created: 3/5/2013
 Map Author: URS Alaska, Cynthia Kirkham
 File: ThermalDataOctober2012_20130305p1-53.mxd

Flightlines (Color Coded by Survey Date)	Sampled Centerline Points (Kelvin)	Sampled Inflow Points (Kelvin)
● October 12, 2012	● 271.7 - 272.1	● 271.7 - 272.1
● October 13, 2012	● 272.2 - 272.6	● 272.2 - 272.6
● October 17, 2012	● 272.7 - 273.1	● 272.7 - 273.1
● October 18, 2012	● 273.2 - 273.6	● 273.2 - 273.6
● 273.7 - 274.1	● 273.7 - 274.1	● 273.7 - 274.1
● 274.2 - 274.5	● 274.2 - 274.5	● 274.2 - 274.5
□ Area of Increased Groundwater Activity		
◇ River Mile Index (2013)		





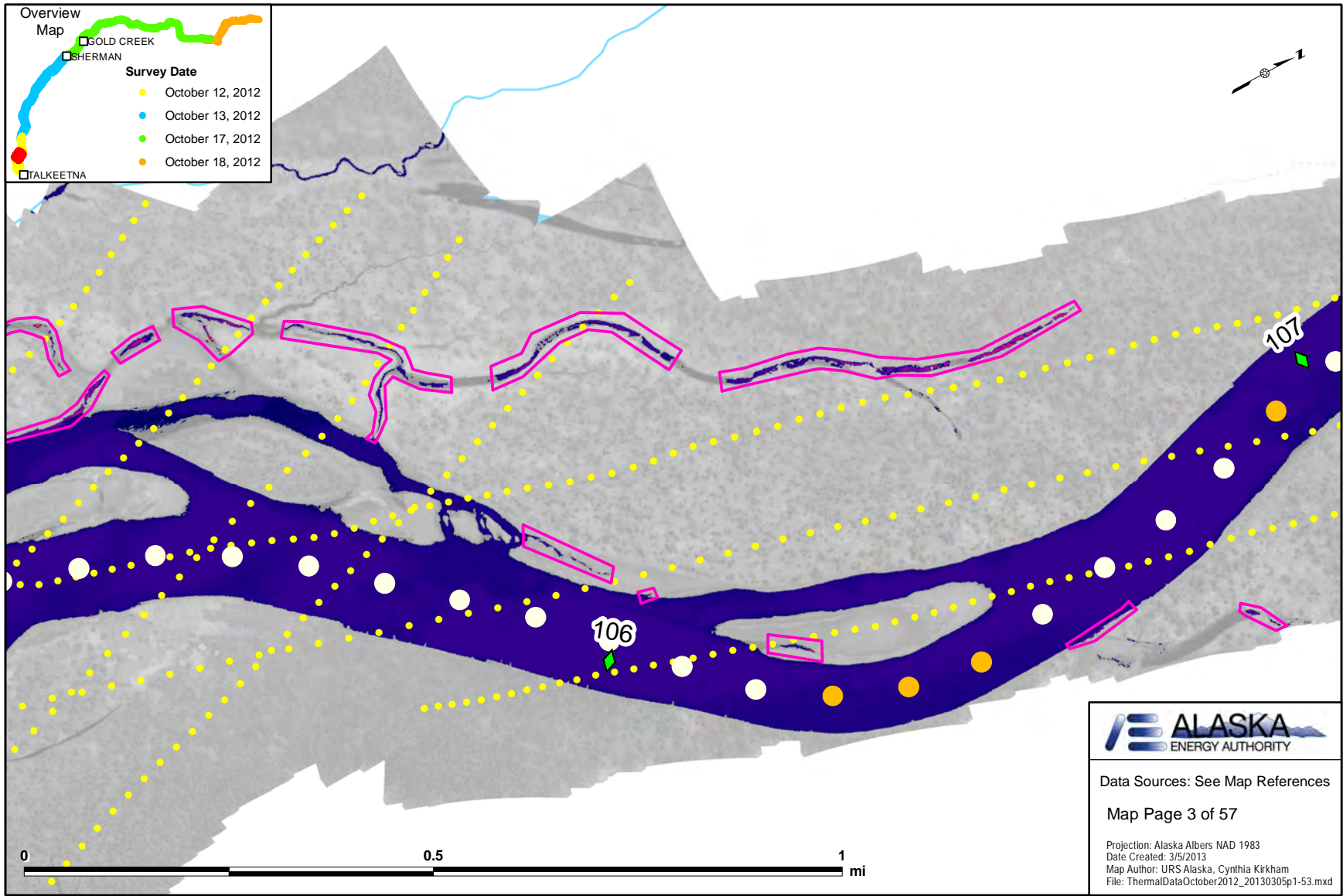
Flightlines (Color Coded by Survey Date)	Sampled Centerline Points (Kelvin)	Sampled Inflow Points (Kelvin)
● October 12, 2012	● 271.7 - 272.1	● 271.7 - 272.1
● October 13, 2012	● 272.2 - 272.6	● 272.2 - 272.6
● October 17, 2012	● 272.7 - 273.1	● 272.7 - 273.1
● October 18, 2012	● 273.2 - 273.6	● 273.2 - 273.6
● Area of Increased Groundwater Activity	● 273.7 - 274.1	● 273.7 - 274.1
◆ River Mile Index (2013)	● 274.2 - 274.5	● 274.2 - 274.5

October 12-13, 2012 Coloville (Kelvin)



October 17-18, 2012 Coloville (Kelvin)





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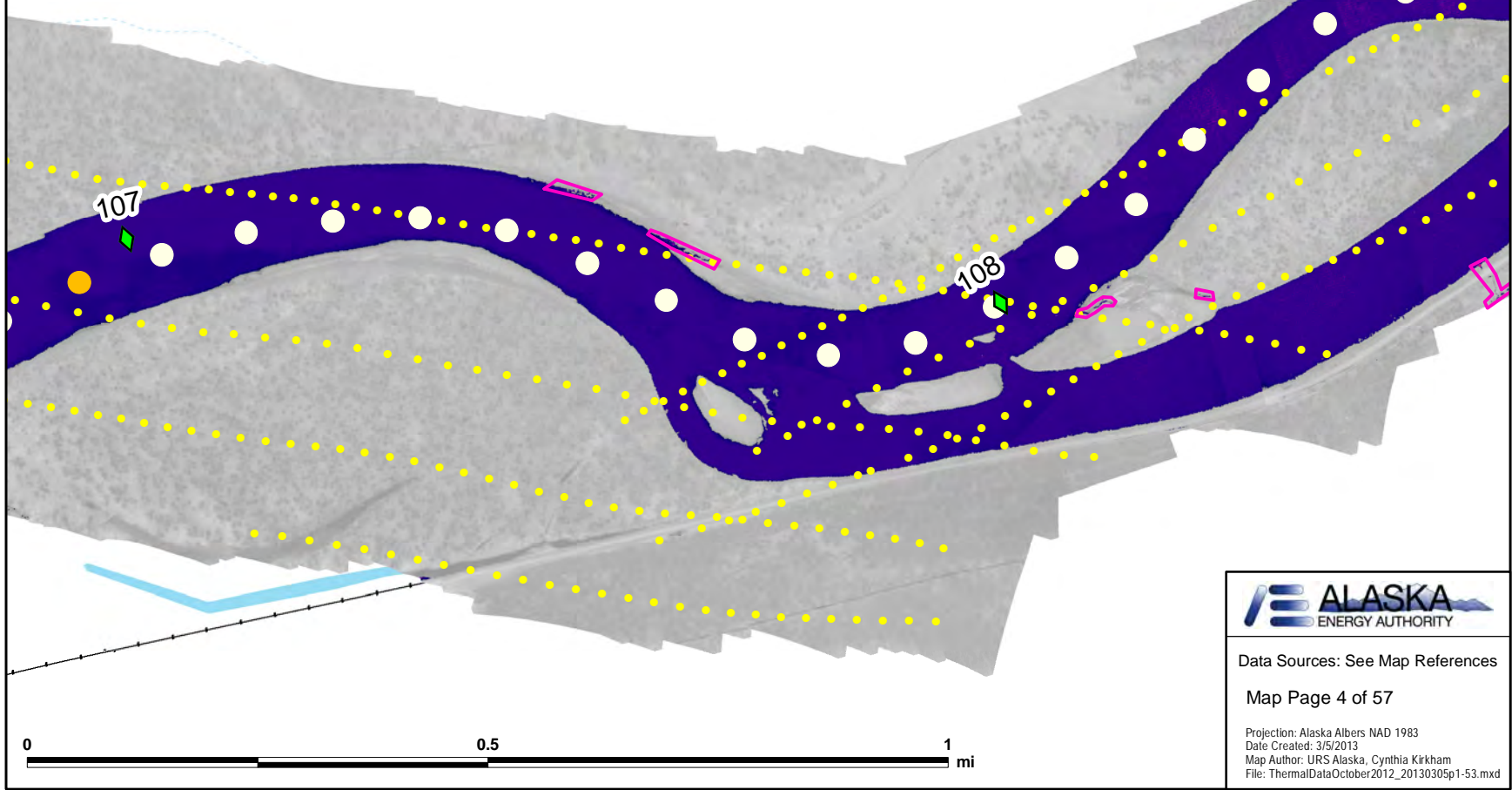
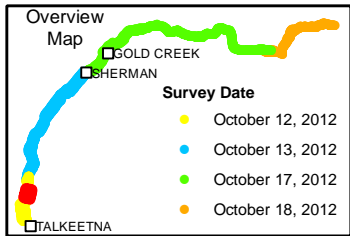
Data Sources: See Map References

Map Page 3 of 57

Projection: Alaska Albers NAD 1983
 Date Created: 3/5/2013
 Map Author: URS Alaska, Cynthia Kirkham
 File: ThermalDataOctober2012_20130305p1-53.mxd

Flightlines (Color Coded by Survey Date)	Sampled Centerline Points (Kelvin)	Sampled Inflow Points (Kelvin)
● October 12, 2012	● 271.7 - 272.1	● 271.7 - 272.1
● October 13, 2012	● 272.2 - 272.6	● 272.2 - 272.6
● October 17, 2012	● 272.7 - 273.1	● 272.7 - 273.1
● October 18, 2012	● 273.2 - 273.6	● 273.2 - 273.6
□ Area of Increased Groundwater Activity	● 273.7 - 274.1	● 273.7 - 274.1
◆ River Mile Index (2013)	● 274.2 - 274.5	● 274.2 - 274.5





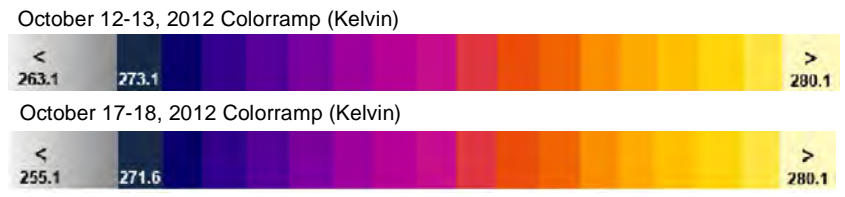
ALASKA ENERGY AUTHORITY

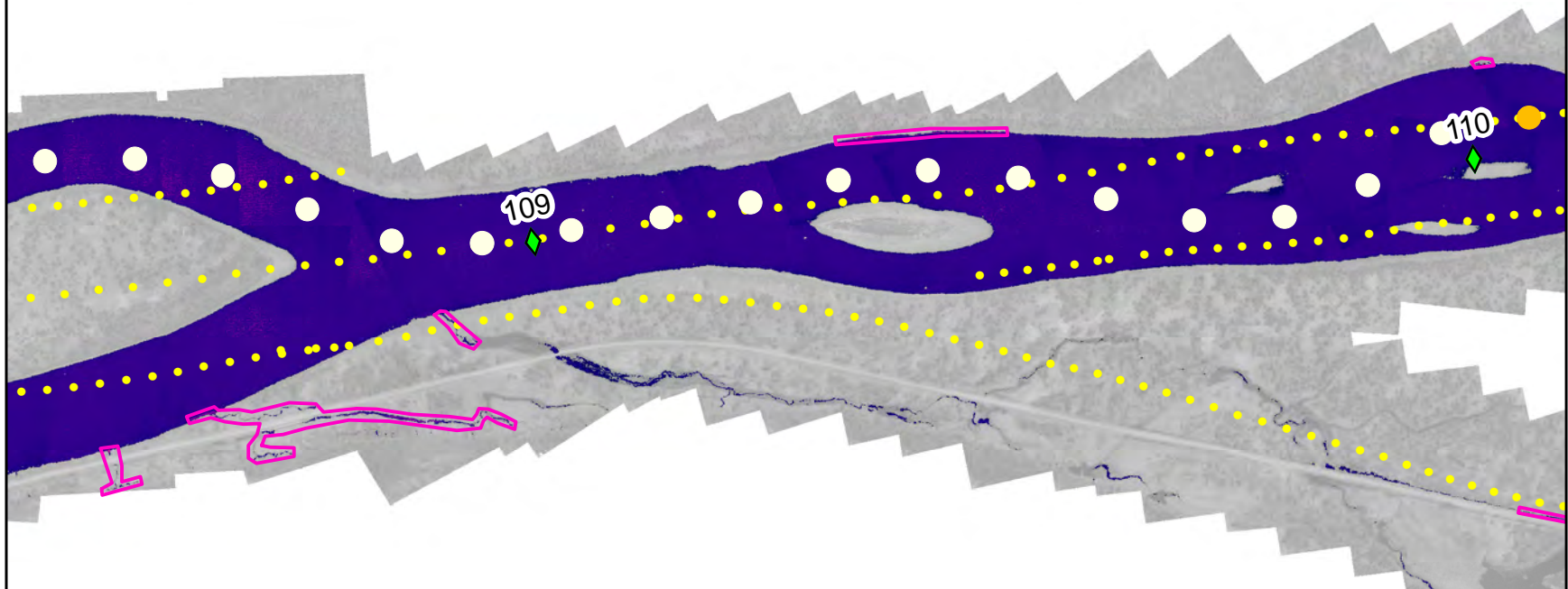
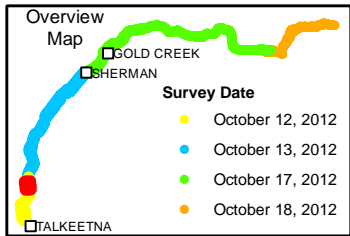
Data Sources: See Map References

Map Page 4 of 57

Projection: Alaska Albers NAD 1983
 Date Created: 3/5/2013
 Map Author: URS Alaska, Cynthia Kirkham
 File: ThermalDataOctober2012_20130305p1-53.mxd

Flightlines (Color Coded by Survey Date)	Sampled Centerline Points (Kelvin)	Sampled Inflow Points (Kelvin)
● October 12, 2012	● 271.7 - 272.1	● 271.7 - 272.1
● October 13, 2012	● 272.2 - 272.6	● 272.2 - 272.6
● October 17, 2012	● 272.7 - 273.1	● 272.7 - 273.1
● October 18, 2012	● 273.2 - 273.6	● 273.2 - 273.6
■ Area of Increased Groundwater Activity	● 273.7 - 274.1	● 273.7 - 274.1
◆ River Mile Index (2013)	● 274.2 - 274.5	● 274.2 - 274.5





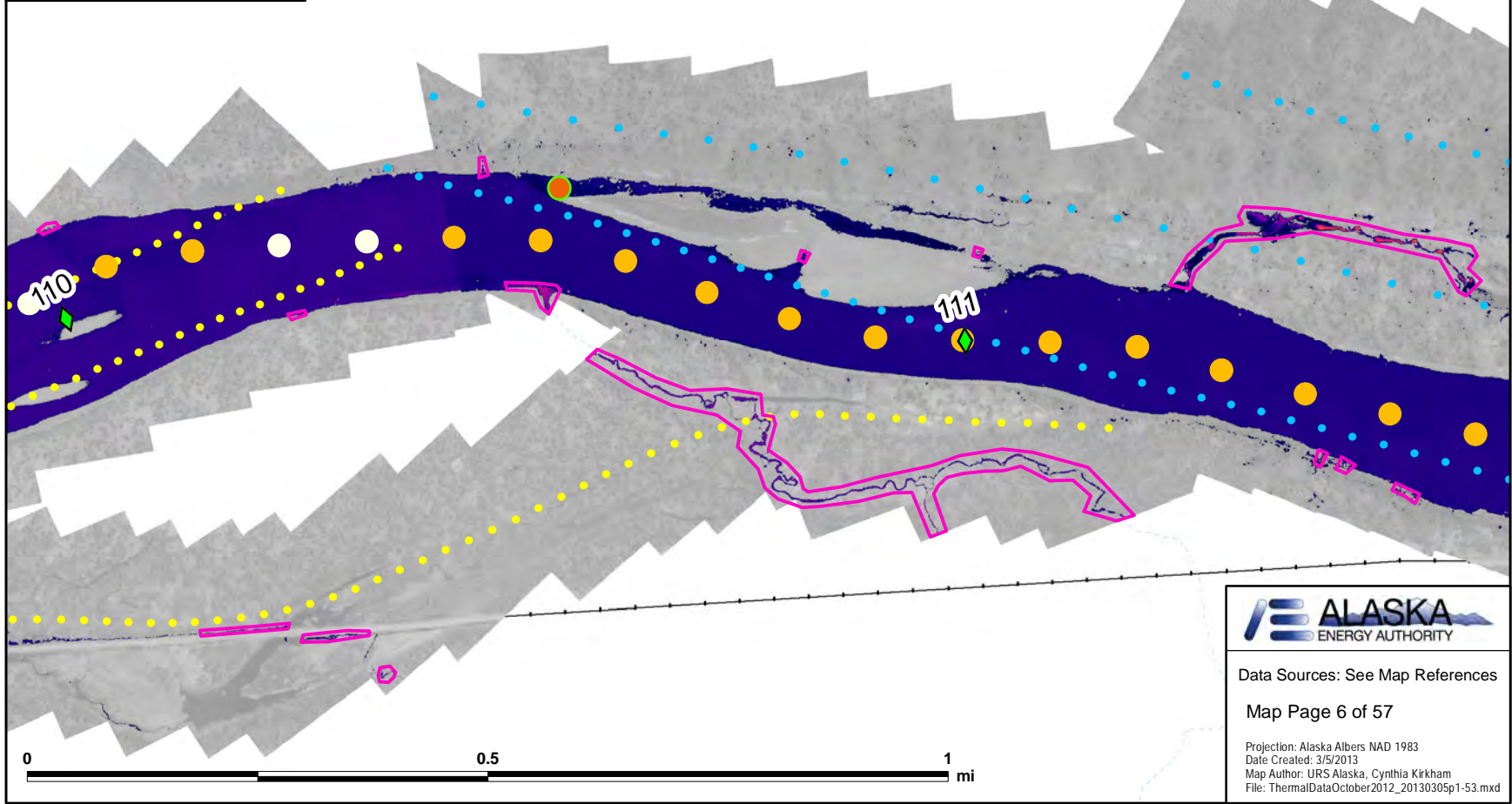
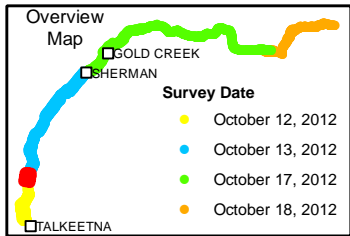
Data Sources: See Map References

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Projection: Alaska Albers NAD 1983
 Date Created: 3/5/2013
 Map Author: URS Alaska, Cynthia Kirkham
 File: ThermalDataOctober2012_20130305p1-53.mxd

Flightline (Color Coded by Survey Date)	Sampled Centerline Points (Kelvin)	Sampled Inflow Points (Kelvin)
● October 12, 2012	● 271.7 - 272.1	● 271.7 - 272.1
● October 13, 2012	● 272.2 - 272.6	● 272.2 - 272.6
● October 17, 2012	● 272.7 - 273.1	● 272.7 - 273.1
● October 18, 2012	● 273.2 - 273.6	● 273.2 - 273.6
● 273.7 - 274.1	● 273.7 - 274.1	● 273.7 - 274.1
● 274.2 - 274.5	● 274.2 - 274.5	● 274.2 - 274.5
□ Area of Increased Groundwater Activity		
◆ River Mile Index (2013)		





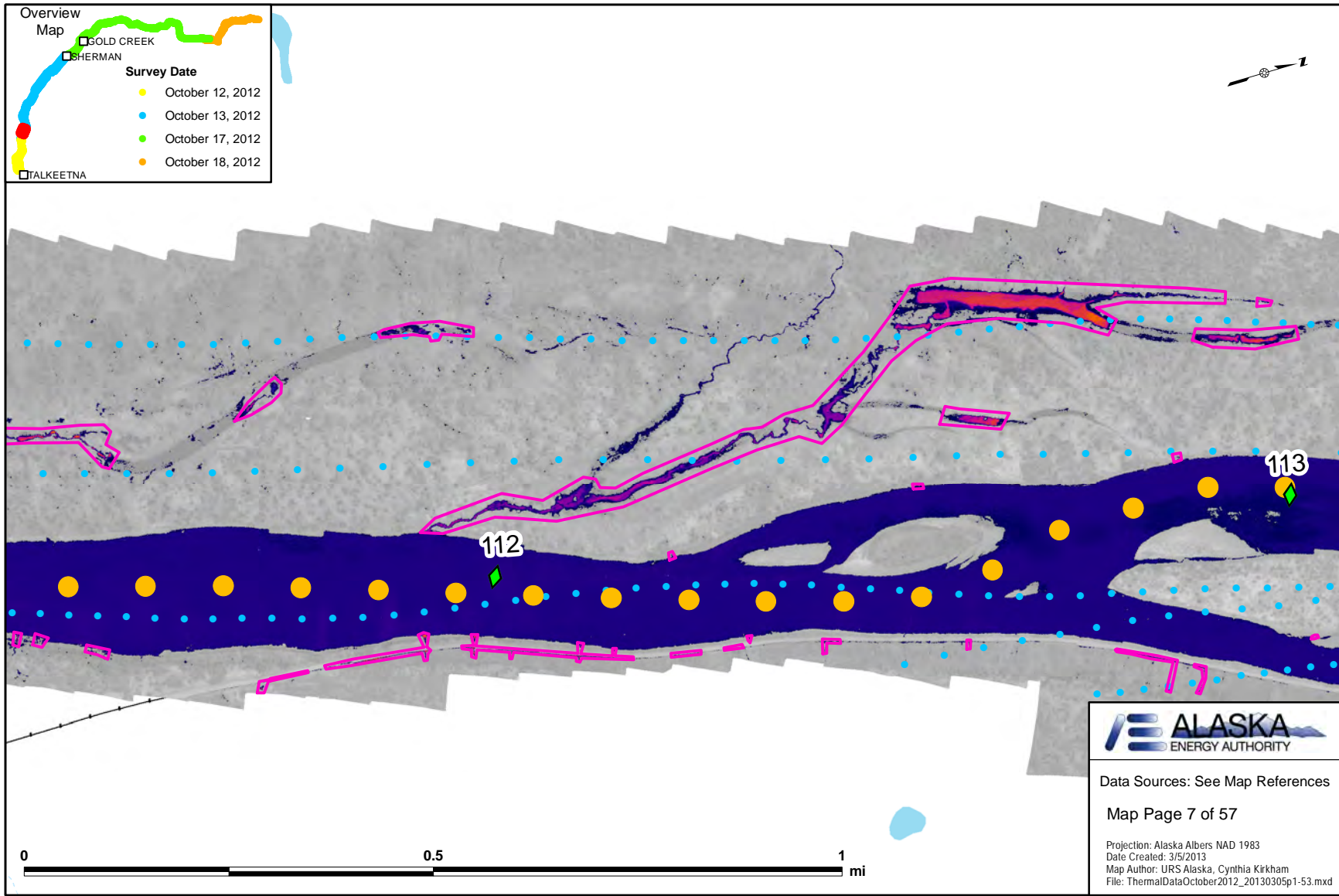
Data Sources: See Map References

Map Page 6 of 57

Projection: Alaska Albers NAD 1983
 Date Created: 3/5/2013
 Map Author: URS Alaska, Cynthia Kirkham
 File: ThermalDataOctober2012_20130305p1-53.mxd

Flightlines (Color Coded by Survey Date)	Sampled Centerline Points (Kelvin)	Sampled Inflow Points (Kelvin)
● October 12, 2012	● 271.7 - 272.1	● 271.7 - 272.1
● October 13, 2012	● 272.2 - 272.6	● 272.2 - 272.6
● October 17, 2012	● 272.7 - 273.1	● 272.7 - 273.1
● October 18, 2012	● 273.2 - 273.6	● 273.2 - 273.6
● Area of Increased Groundwater Activity	● 273.7 - 274.1	● 273.7 - 274.1
◆ River Mile Index (2013)	● 274.2 - 274.5	● 274.2 - 274.5





Flightlines (Color Coded by Survey Date)	Sampled Centerline Points (Kelvin)	Sampled Inflow Points (Kelvin)
● October 12, 2012	● 271.7 - 272.1	● 271.7 - 272.1
● October 13, 2012	● 272.2 - 272.6	● 272.2 - 272.6
● October 17, 2012	● 272.7 - 273.1	● 272.7 - 273.1
● October 18, 2012	● 273.2 - 273.6	● 273.2 - 273.6
□ Area of Increased Groundwater Activity	● 273.7 - 274.1	● 273.7 - 274.1
◆ River Mile Index (2013)	● 274.2 - 274.5	● 274.2 - 274.5

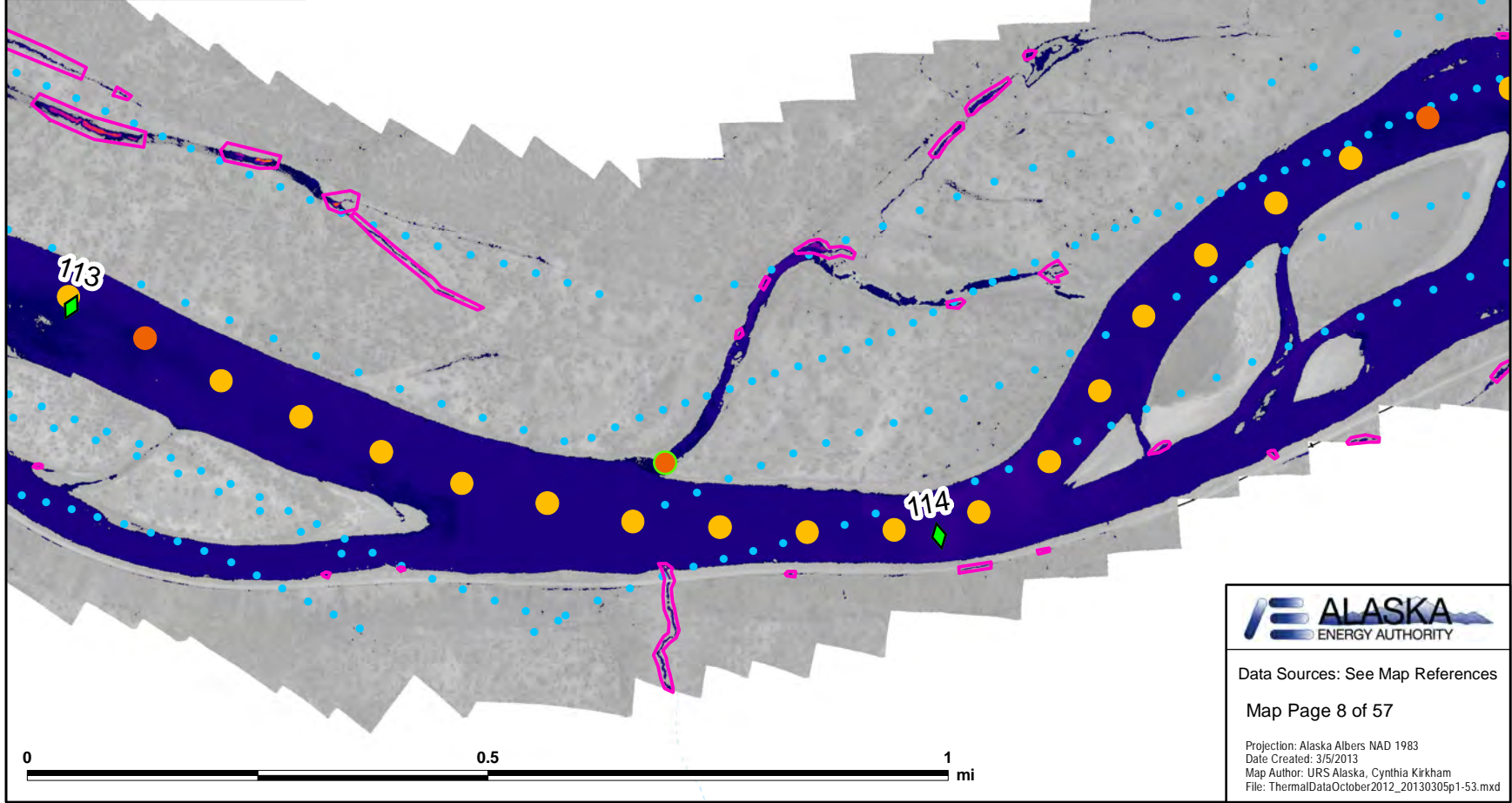
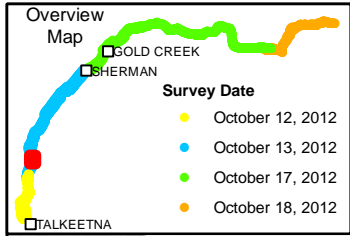


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Data Sources: See Map References

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Projection: Alaska Albers NAD 1983
 Date Created: 3/5/2013
 Map Author: URS Alaska, Cynthia Kirkham
 File: ThermalDataOctober2012_20130305p1-53.mxd



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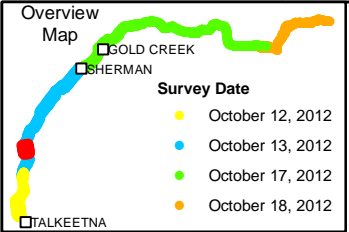
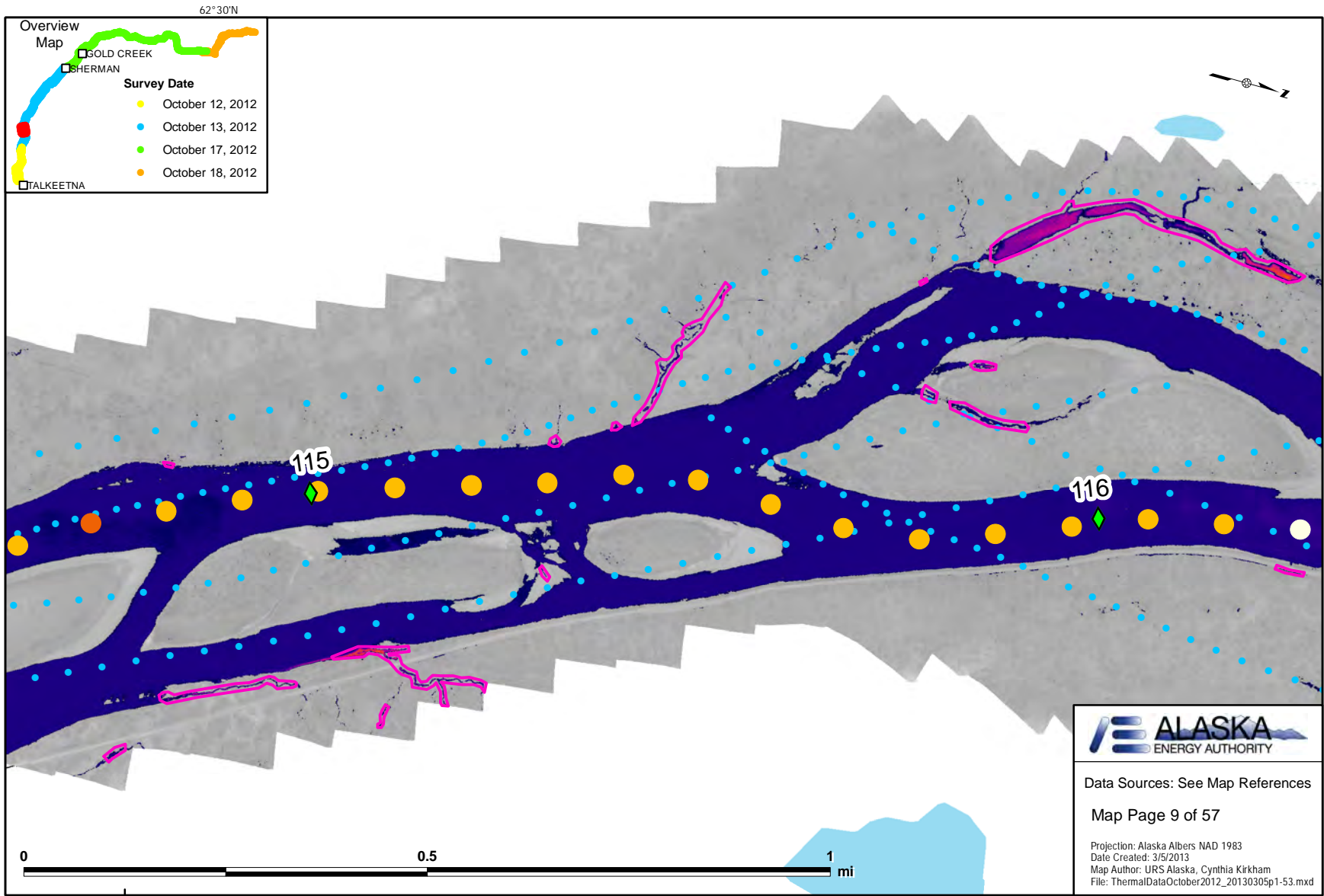
Data Sources: See Map References

Map Page 8 of 57

Projection: Alaska Albers NAD 1983
 Date Created: 3/5/2013
 Map Author: URS Alaska, Cynthia Kirkham
 File: ThermalDataOctober2012_20130305p1-53.mxd

Flightlines (Color Coded by Survey Date)	Sampled Centerline Points (Kelvin)	Sampled Inflow Points (Kelvin)
● October 12, 2012	● 271.7 - 272.1	● 271.7 - 272.1
● October 13, 2012	● 272.2 - 272.6	● 272.2 - 272.6
● October 17, 2012	● 272.7 - 273.1	● 272.7 - 273.1
● October 18, 2012	● 273.2 - 273.6	● 273.2 - 273.6
● 273.7 - 274.1	● 273.7 - 274.1	● 273.7 - 274.1
● 274.2 - 274.5	● 274.2 - 274.5	● 274.2 - 274.5
□ Area of Increased Groundwater Activity		
◇ River Mile Index (2013)		

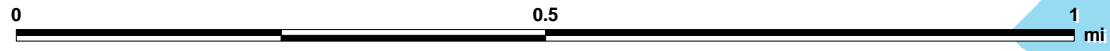




Data Sources: See Map References

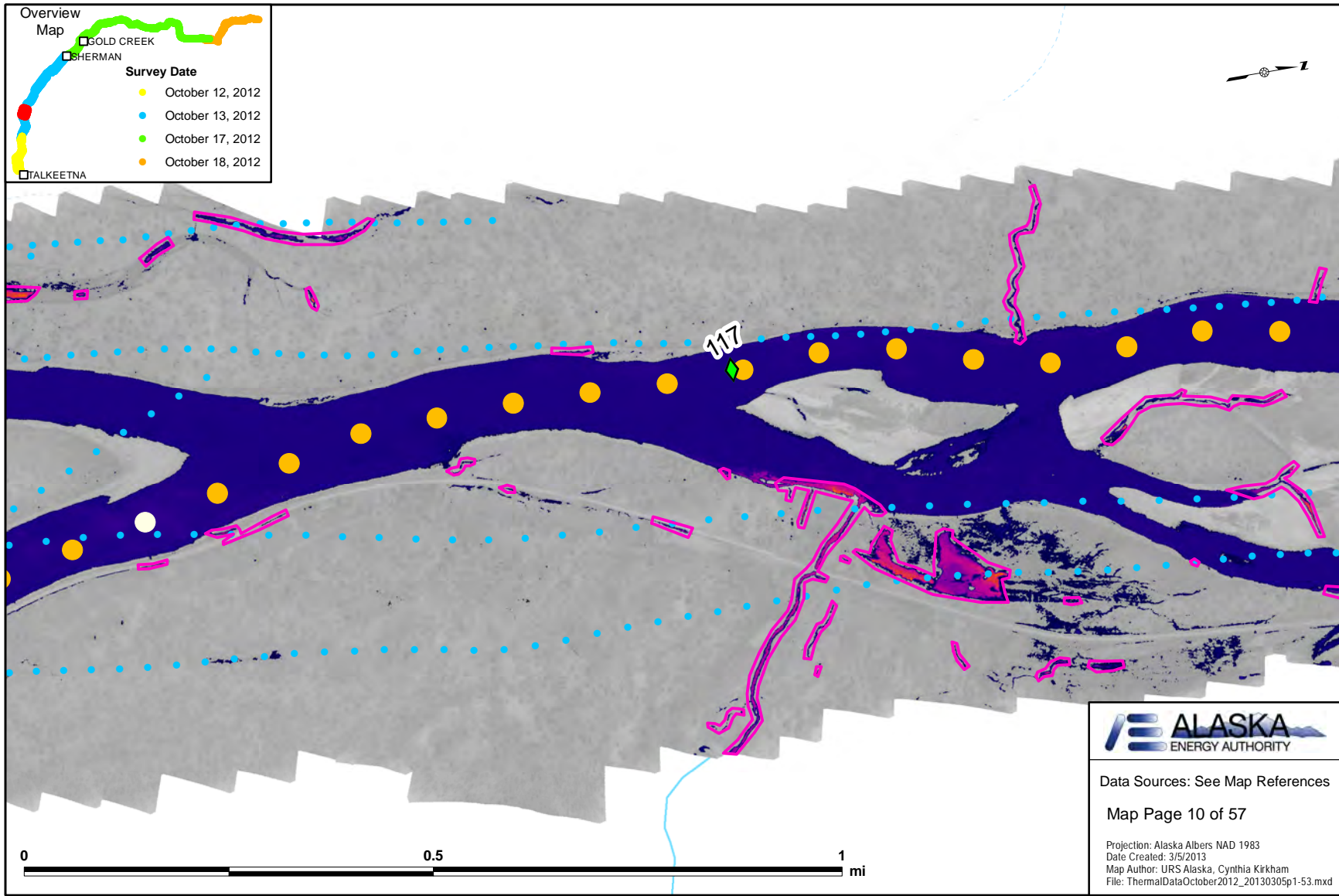
Map Page 9 of 57

Projection: Alaska Albers NAD 1983
 Date Created: 3/5/2013
 Map Author: URS Alaska, Cynthia Kirkham
 File: ThermalDataOctober2012_20130305p1-53.mxd



Flightlines (Color Coded by Survey Date)	Sampled Centerline Points (Kelvin)	Sampled Inflow Points (Kelvin)
● October 12, 2012	● 271.7 - 272.1	● 271.7 - 272.1
● October 13, 2012	● 272.2 - 272.6	● 272.2 - 272.6
● October 17, 2012	● 272.7 - 273.1	● 272.7 - 273.1
● October 18, 2012	● 273.2 - 273.6	● 273.2 - 273.6
● 273.7 - 274.1	● 273.7 - 274.1	● 273.7 - 274.1
● 274.2 - 274.5	● 274.2 - 274.5	● 274.2 - 274.5
□ Area of Increased Groundwater Activity		
◇ River Mile Index (2013)		





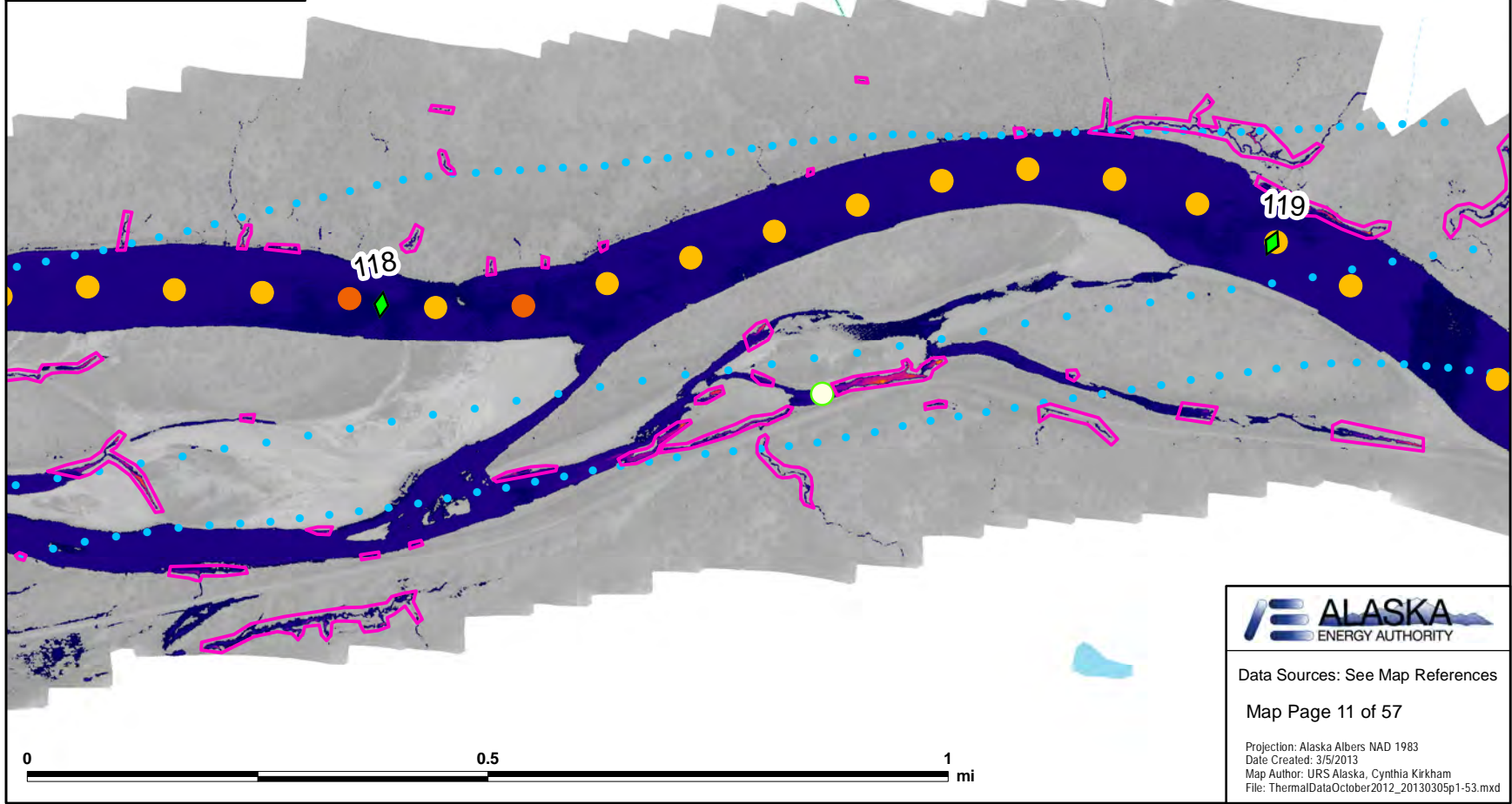
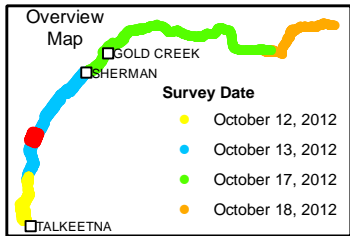
Flightlines (Color Coded by Survey Date)	Sampled Centerline Points (Kelvin)	Sampled Inflow Points (Kelvin)
● October 12, 2012	● 271.7 - 272.1	● 271.7 - 272.1
● October 13, 2012	● 272.2 - 272.6	● 272.2 - 272.6
● October 17, 2012	● 272.7 - 273.1	● 272.7 - 273.1
● October 18, 2012	● 273.2 - 273.6	● 273.2 - 273.6
■ Area of Increased Groundwater Activity	● 273.7 - 274.1	● 273.7 - 274.1
◆ River Mile Index (2013)	● 274.2 - 274.5	● 274.2 - 274.5

October 12-13, 2012 Colorramp (Kelvin)



October 17-18, 2012 Colorramp (Kelvin)





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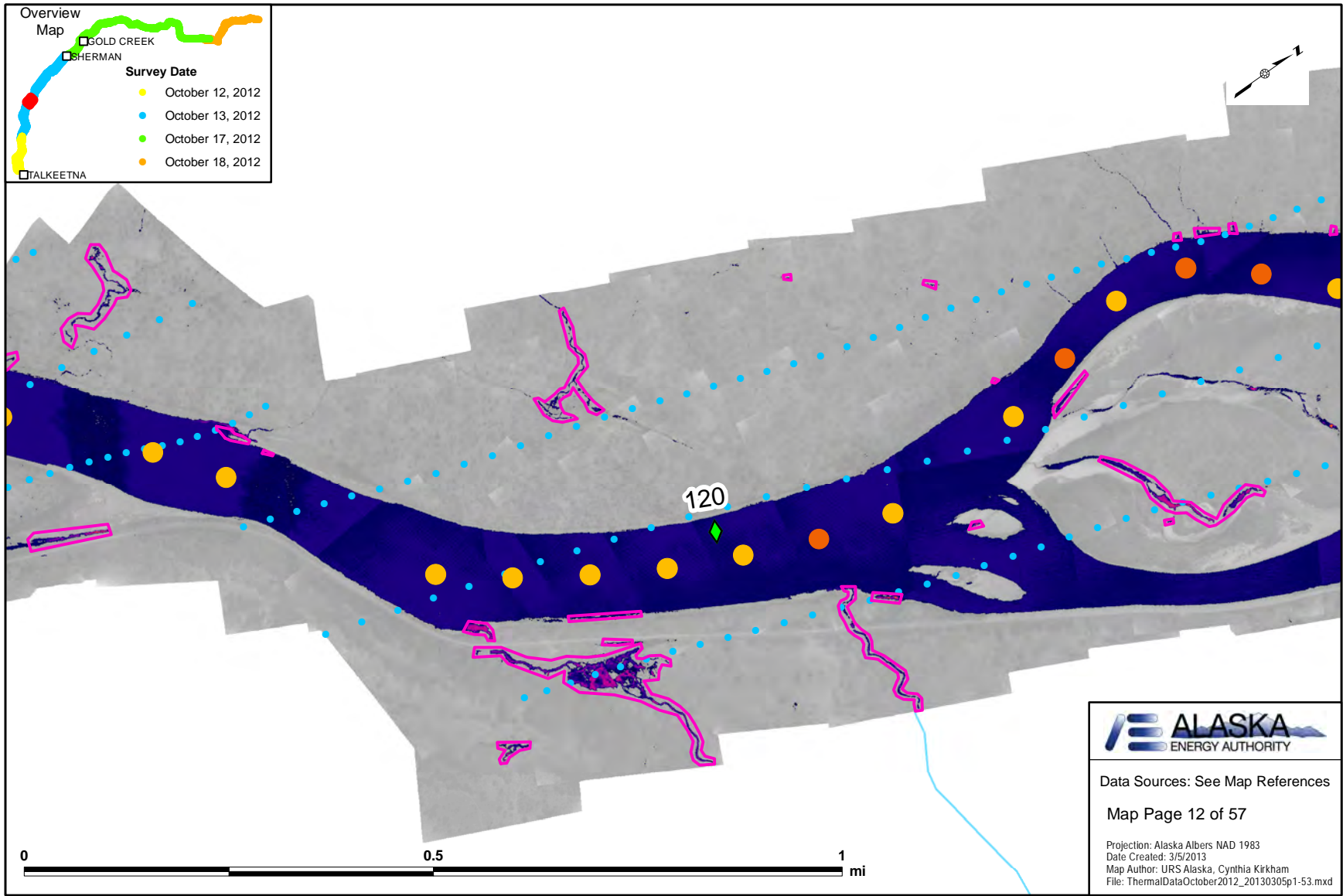
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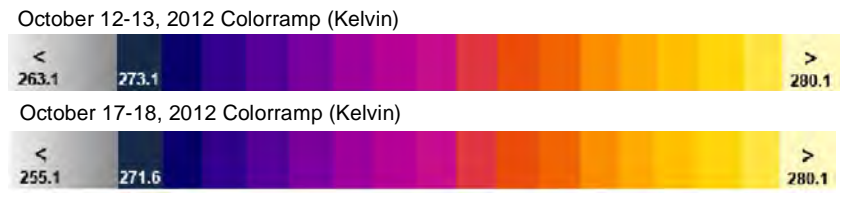
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 Map Author: URS Alaska, Cynthia Kirkham
 File: ThermalDataOctober2012_20130305p1-53.mxd

Flightlines (Color Coded by Survey Date)	Sampled Centerline Points (Kelvin)	Sampled Inflow Points (Kelvin)
● October 12, 2012	● 271.7 - 272.1	● 271.7 - 272.1
● October 13, 2012	● 272.2 - 272.6	● 272.2 - 272.6
● October 17, 2012	● 272.7 - 273.1	● 272.7 - 273.1
● October 18, 2012	● 273.2 - 273.6	● 273.2 - 273.6
■ Area of Increased Groundwater Activity	● 273.7 - 274.1	● 273.7 - 274.1
◆ River Mile Index (2013)	● 274.2 - 274.5	● 274.2 - 274.5





Flightlines (Color Coded by Survey Date)	Sampled Centerline Points (Kelvin)	Sampled Inflow Points (Kelvin)
● October 12, 2012	● 271.7 - 272.1	● 271.7 - 272.1
● October 13, 2012	● 272.2 - 272.6	● 272.2 - 272.6
● October 17, 2012	● 272.7 - 273.1	● 272.7 - 273.1
● October 18, 2012	● 273.2 - 273.6	● 273.2 - 273.6
□ Area of Increased Groundwater Activity	● 273.7 - 274.1	● 273.7 - 274.1
◆ River Mile Index (2013)	● 274.2 - 274.5	● 274.2 - 274.5

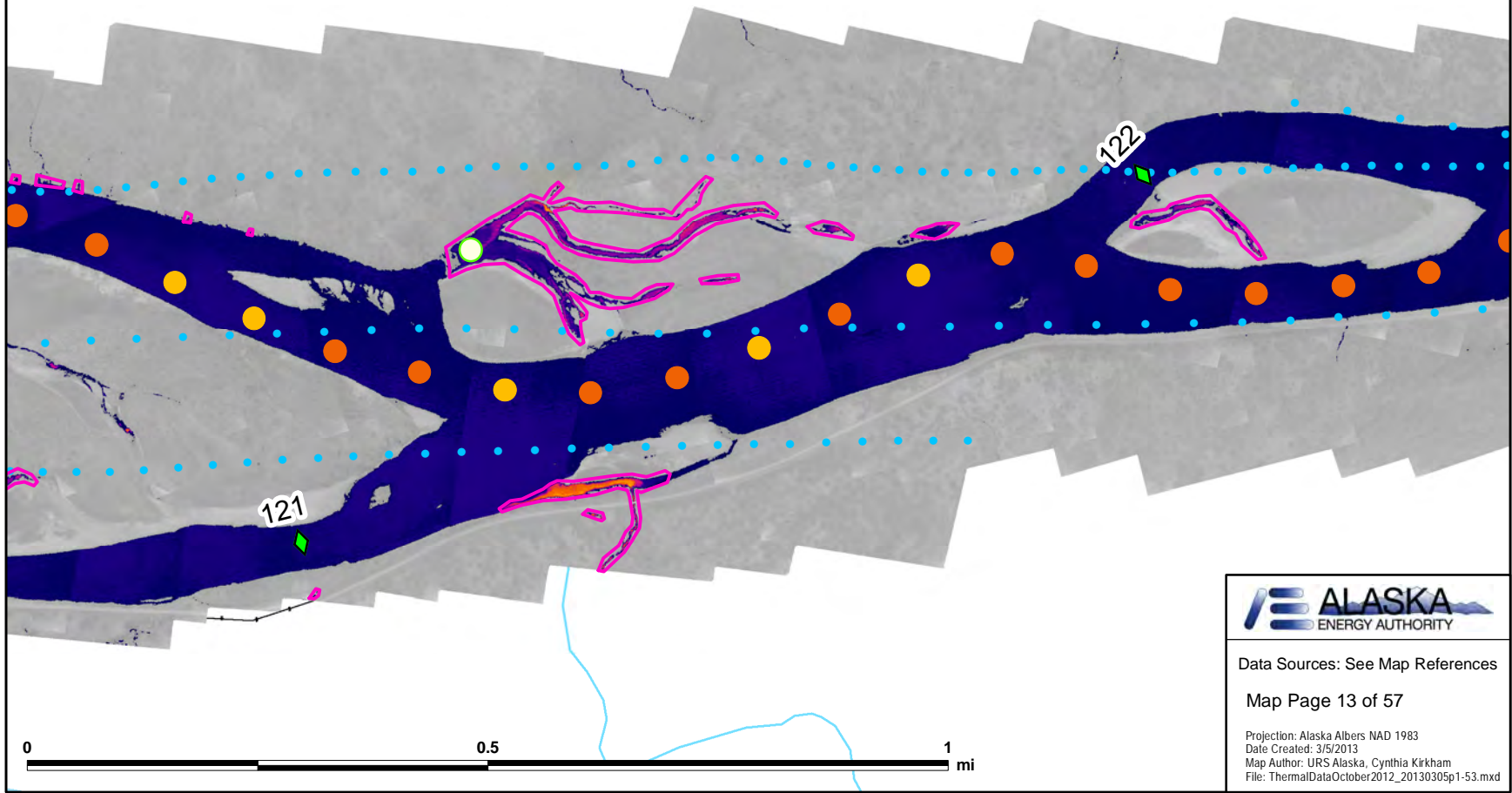
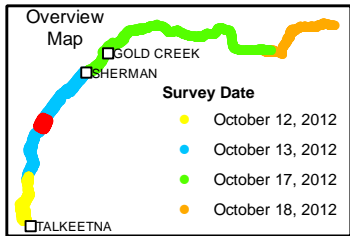


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Data Sources: See Map References

Map Page 12 of 57

Projection: Alaska Albers NAD 1983
 Date Created: 3/5/2013
 Map Author: URS Alaska, Cynthia Kirkham
 File: ThermalDataOctober2012_20130305p1-53.mxd



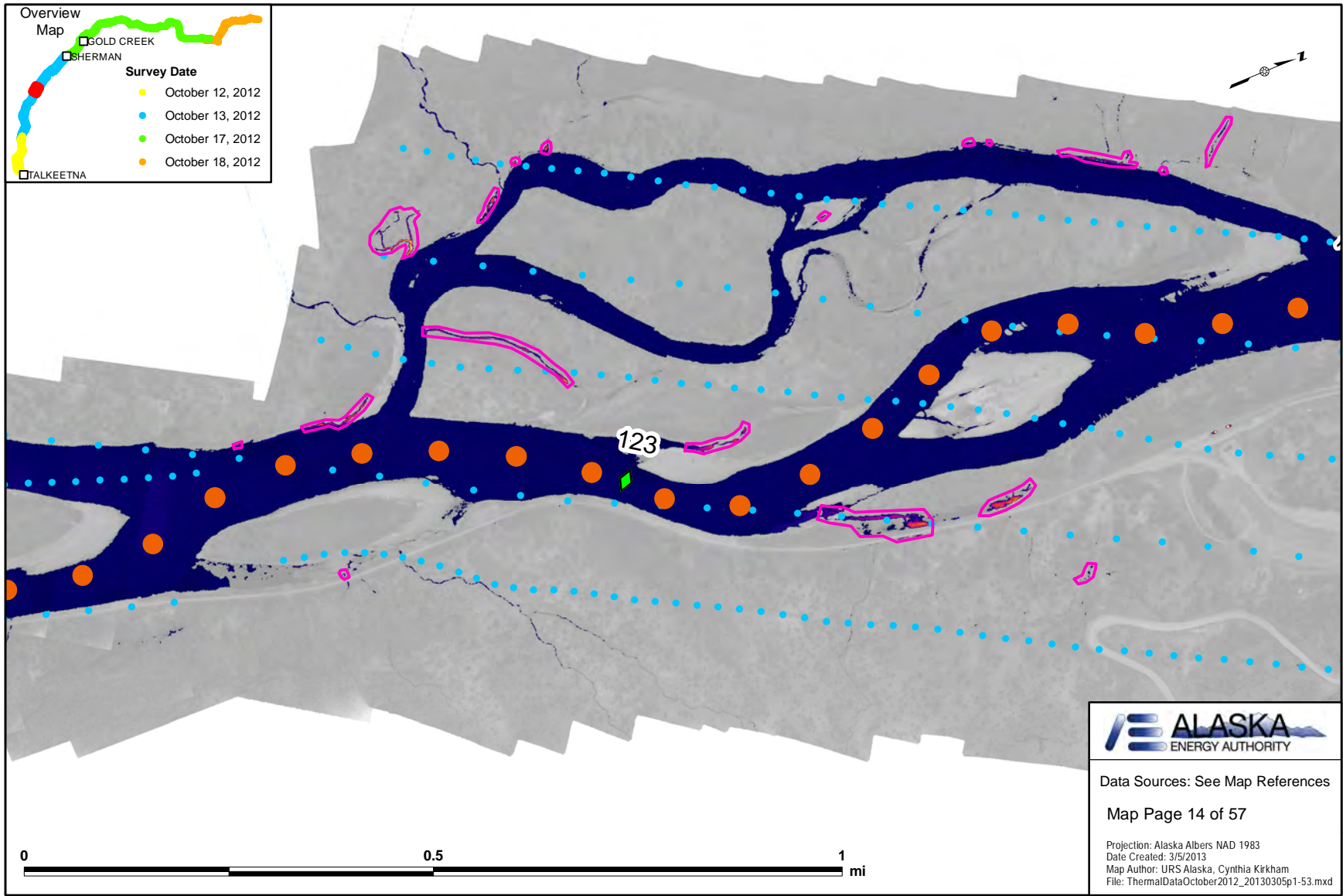
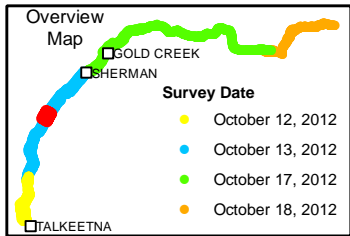
Data Sources: See Map References

Map Page 13 of 57

Projection: Alaska Albers NAD 1983
 Date Created: 3/5/2013
 Map Author: URS Alaska, Cynthia Kirkham
 File: ThermalDataOctober2012_20130305p1-53.mxd

Flightlines (Color Coded by Survey Date)	Sampled Centerline Points (Kelvin)	Sampled Inflow Points (Kelvin)
● October 12, 2012	● 271.7 - 272.1	● 271.7 - 272.1
● October 13, 2012	● 272.2 - 272.6	● 272.2 - 272.6
● October 17, 2012	● 272.7 - 273.1	● 272.7 - 273.1
● October 18, 2012	● 273.2 - 273.6	● 273.2 - 273.6
● 273.7 - 274.1	● 273.7 - 274.1	● 273.7 - 274.1
● 274.2 - 274.5	● 274.2 - 274.5	● 274.2 - 274.5
□ Area of Increased Groundwater Activity		
◆ River Mile Index (2013)		





Data Sources: See Map References

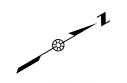
Map Page 14 of 57

Projection: Alaska Albers NAD 1983
 Date Created: 3/5/2013
 Map Author: URS Alaska, Cynthia Kirkham
 File: ThermalDataOctober2012_20130305p1-53.mxd

Flightlines (Color Coded by Survey Date)	Sampled Centerline Points (Kelvin)	Sampled Inflow Points (Kelvin)
● October 12, 2012	● 271.7 - 272.1	● 271.7 - 272.1
● October 13, 2012	● 272.2 - 272.6	● 272.2 - 272.6
● October 17, 2012	● 272.7 - 273.1	● 272.7 - 273.1
● October 18, 2012	● 273.2 - 273.6	● 273.2 - 273.6
□ Area of Increased Groundwater Activity	● 273.7 - 274.1	● 273.7 - 274.1
◆ River Mile Index (2013)	● 274.2 - 274.5	● 274.2 - 274.5



150°W

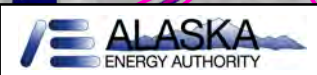
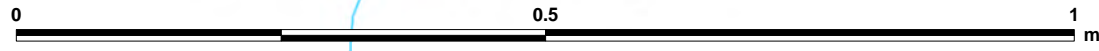
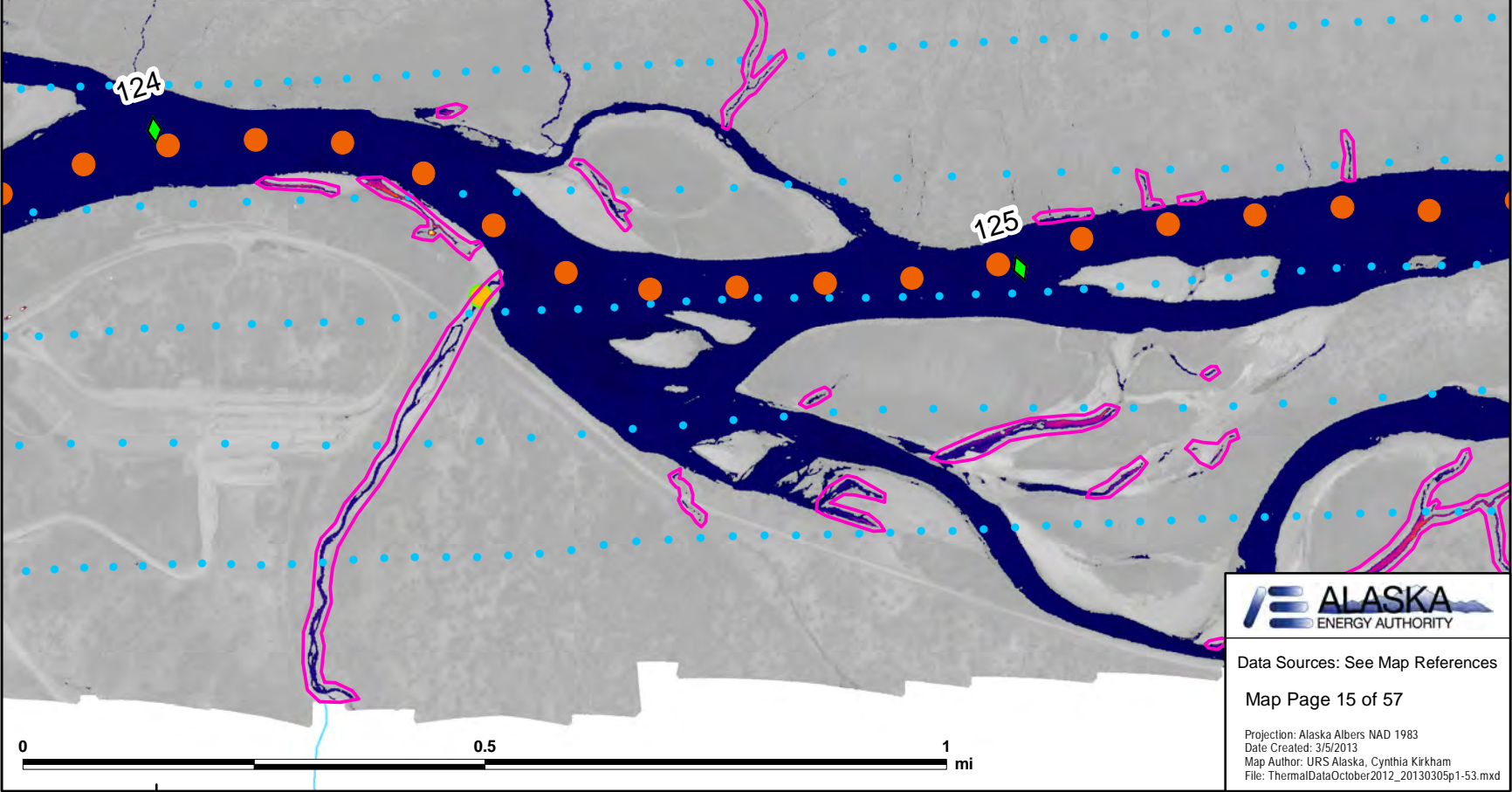


Overview Map

Survey Date

- October 12, 2012
- October 13, 2012
- October 17, 2012
- October 18, 2012

Map labels: GOLD CREEK, SHERMAN, TALKEETNA



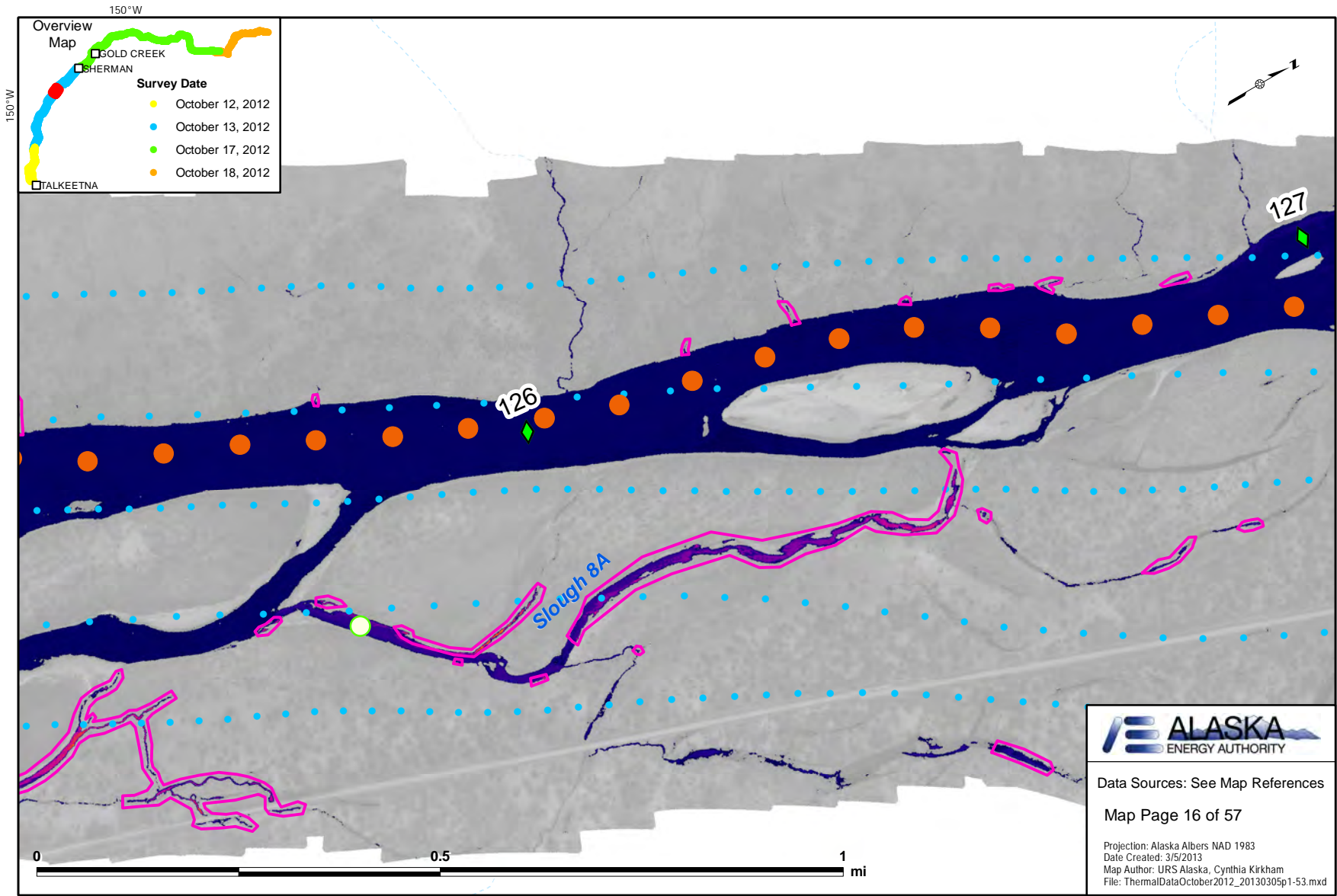
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Map Page 15 of 57

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 Date Created: 3/5/2013
 Map Author: URS Alaska, Cynthia Kirkham
 File: ThermalDataOctober2012_20130305p1-53.mxd

Flightlines (Color Coded by Survey Date)	Sampled Centerline Points (Kelvin)	Sampled Inflow Points (Kelvin)
● October 12, 2012	● 271.7 - 272.1	● 271.7 - 272.1
● October 13, 2012	● 272.2 - 272.6	● 272.2 - 272.6
● October 17, 2012	● 272.7 - 273.1	● 272.7 - 273.1
● October 18, 2012	● 273.2 - 273.6	● 273.2 - 273.6
● 273.7 - 274.1	● 273.7 - 274.1	● 273.7 - 274.1
● 274.2 - 274.5	● 274.2 - 274.5	● 274.2 - 274.5
□ Area of Increased Groundwater Activity		
◇ River Mile Index (2013)		





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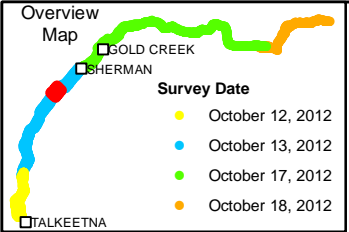
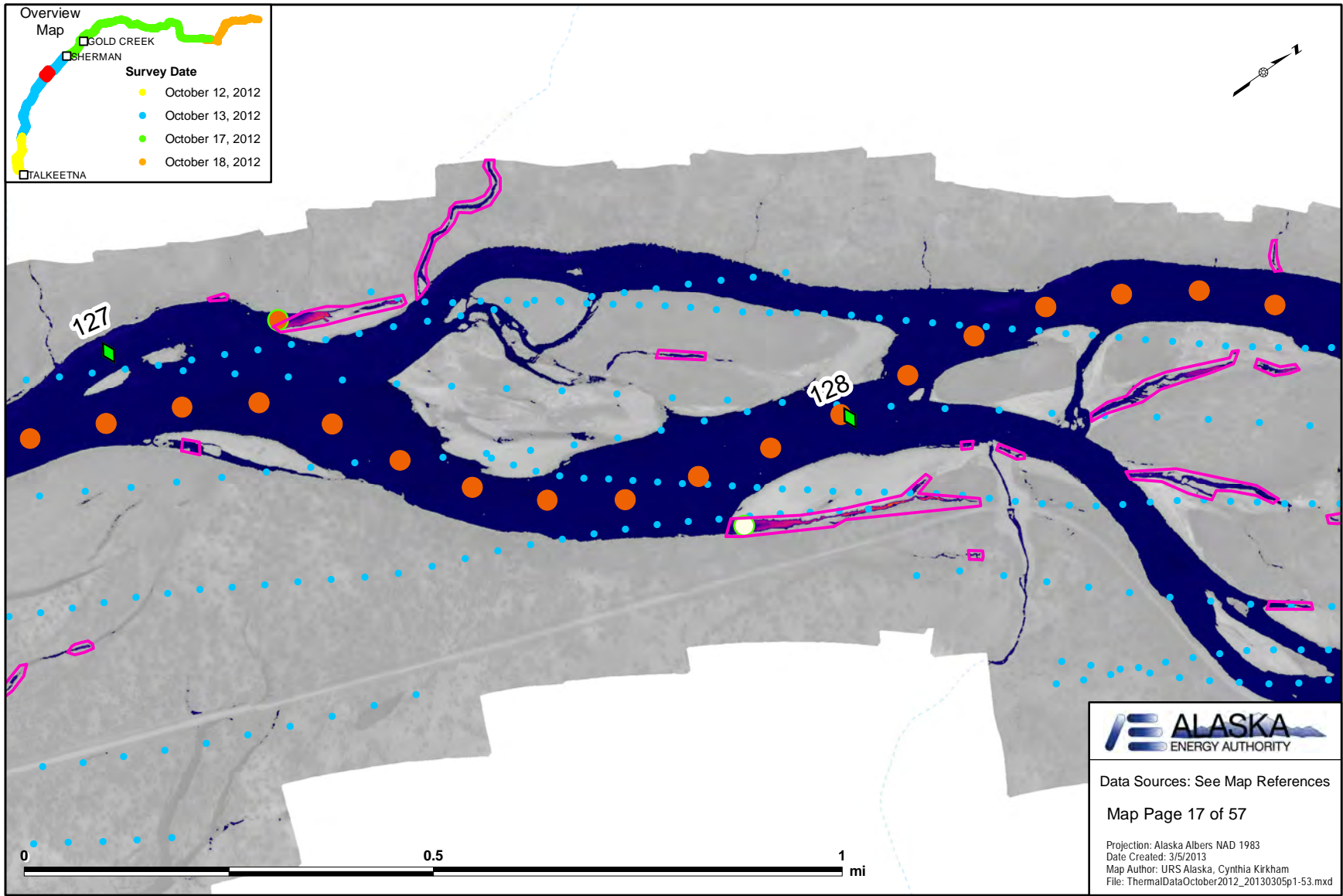
Data Sources: See Map References

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Projection: Alaska Albers NAD 1983
 Date Created: 3/5/2013
 Map Author: URS Alaska, Cynthia Kirkham
 File: ThermalDataOctober2012_20130305p1-53.mxd

Flightlines (Color Coded by Survey Date)	Sampled Centerline Points (Kelvin)	Sampled Inflow Points (Kelvin)
● October 12, 2012	● 271.7 - 272.1	● 271.7 - 272.1
● October 13, 2012	● 272.2 - 272.6	● 272.2 - 272.6
● October 17, 2012	● 272.7 - 273.1	● 272.7 - 273.1
● October 18, 2012	● 273.2 - 273.6	● 273.2 - 273.6
● Area of Increased Groundwater Activity	● 273.7 - 274.1	● 273.7 - 274.1
◆ River Mile Index (2013)	● 274.2 - 274.5	● 274.2 - 274.5





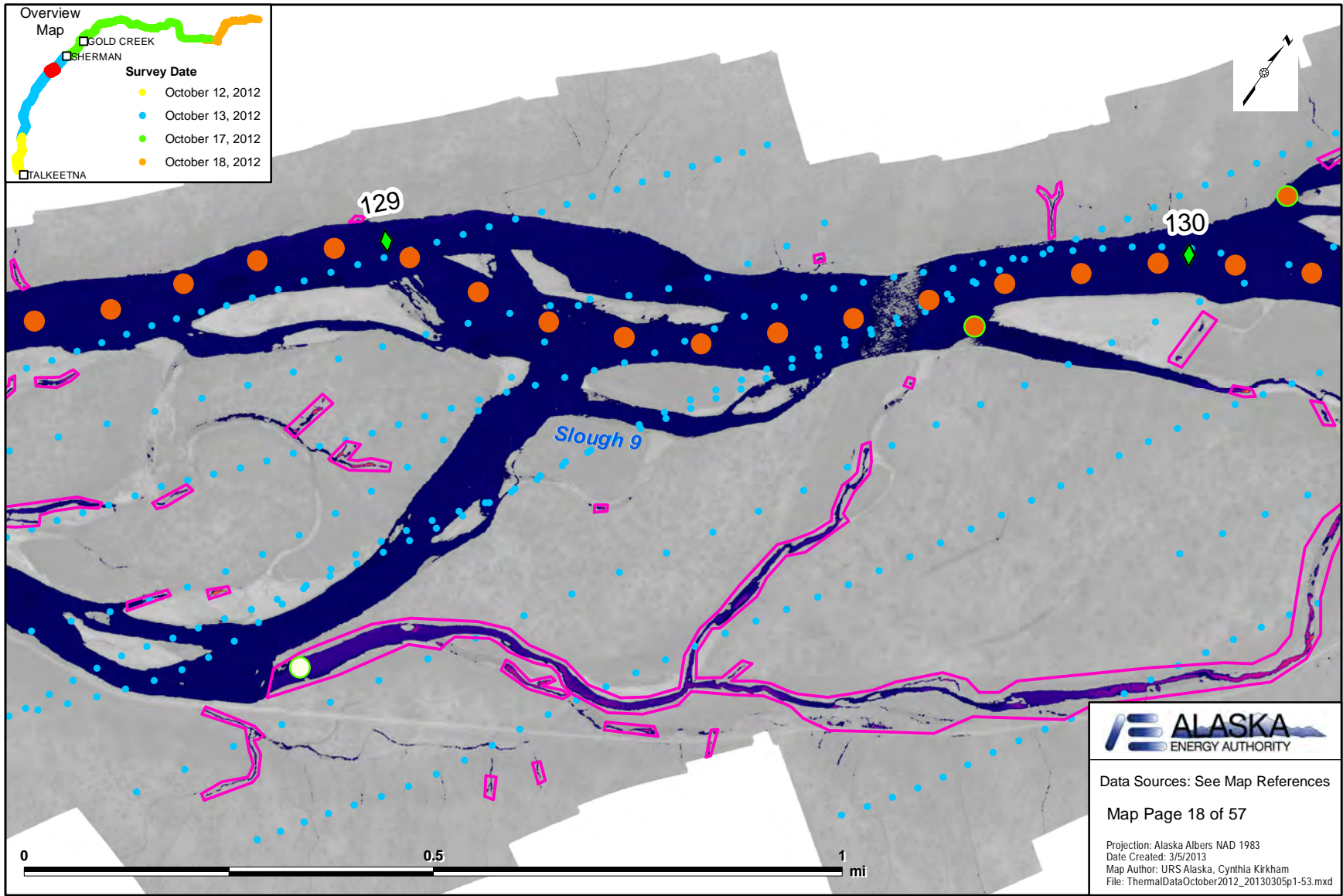
Data Sources: See Map References

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Projection: Alaska Albers NAD 1983
 Date Created: 3/5/2013
 Map Author: URS Alaska, Cynthia Kirkham
 File: ThermalDataOctober2012_20130305p1-53.mxd

Flightlines (Color Coded by Survey Date)	Sampled Centerline Points (Kelvin)	Sampled Inflow Points (Kelvin)
● October 12, 2012	● 271.7 - 272.1	● 271.7 - 272.1
● October 13, 2012	● 272.2 - 272.6	● 272.2 - 272.6
● October 17, 2012	● 272.7 - 273.1	● 272.7 - 273.1
● October 18, 2012	● 273.2 - 273.6	● 273.2 - 273.6
● Area of Increased Groundwater Activity	● 273.7 - 274.1	● 273.7 - 274.1
◆ River Mile Index (2013)	● 274.2 - 274.5	● 274.2 - 274.5





Flightlines (Color Coded by Survey Date)	Sampled Centerline Points (Kelvin)	Sampled Inflow Points (Kelvin)
● October 12, 2012	● 271.7 - 272.1	● 271.7 - 272.1
● October 13, 2012	● 272.2 - 272.6	● 272.2 - 272.6
● October 17, 2012	● 272.7 - 273.1	● 272.7 - 273.1
● October 18, 2012	● 273.2 - 273.6	● 273.2 - 273.6
□ Area of Increased Groundwater Activity	● 273.7 - 274.1	● 273.7 - 274.1
◆ River Mile Index (2013)	● 274.2 - 274.5	● 274.2 - 274.5

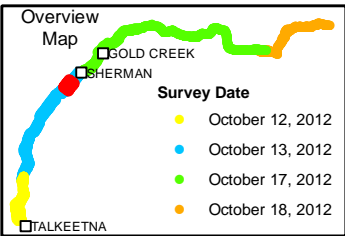
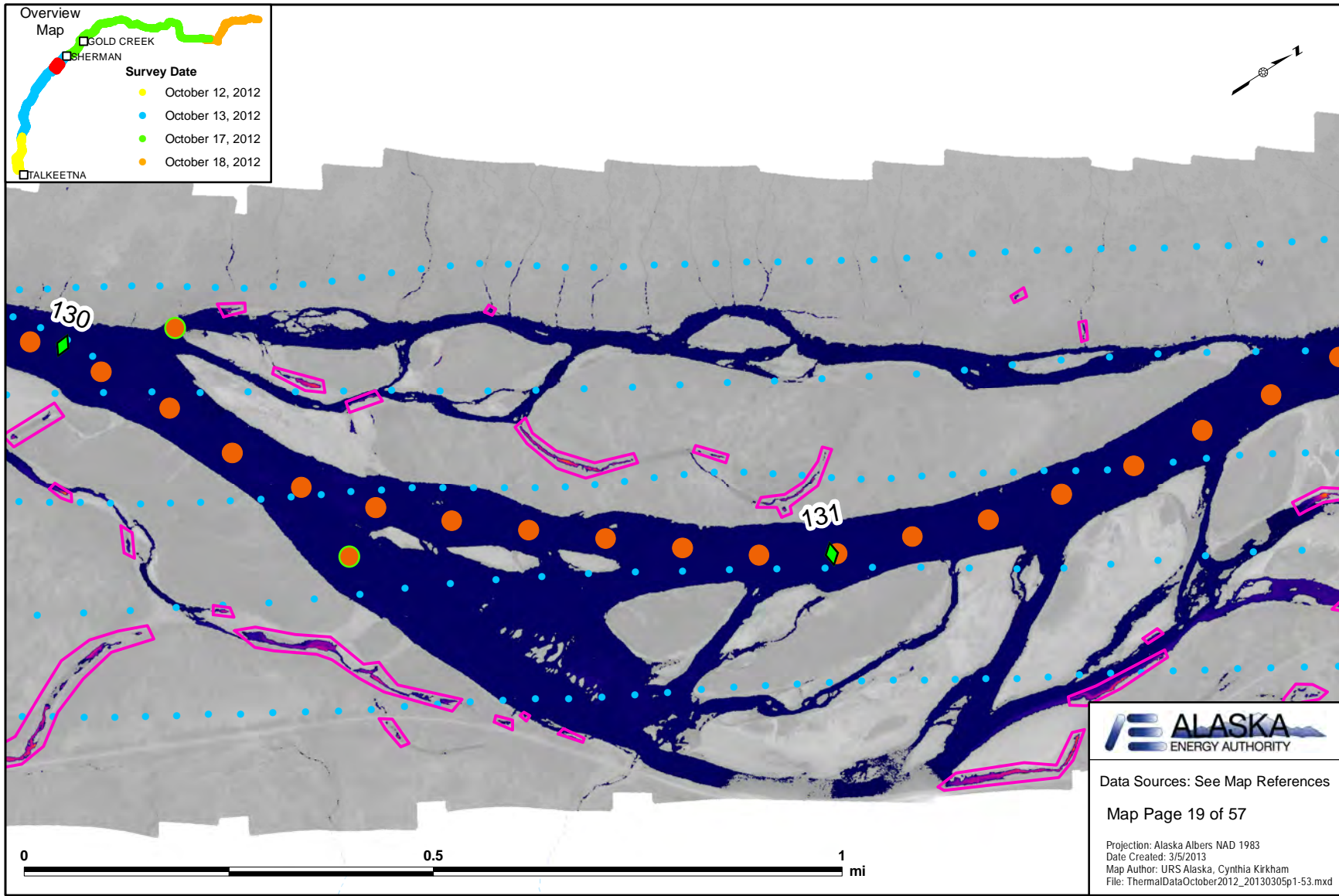


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Data Sources: See Map References

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Projection: Alaska Albers NAD 1983
 Date Created: 3/5/2013
 Map Author: URS Alaska, Cynthia Kirkham
 File: ThermalDataOctober2012_20130305p1-53.mxd



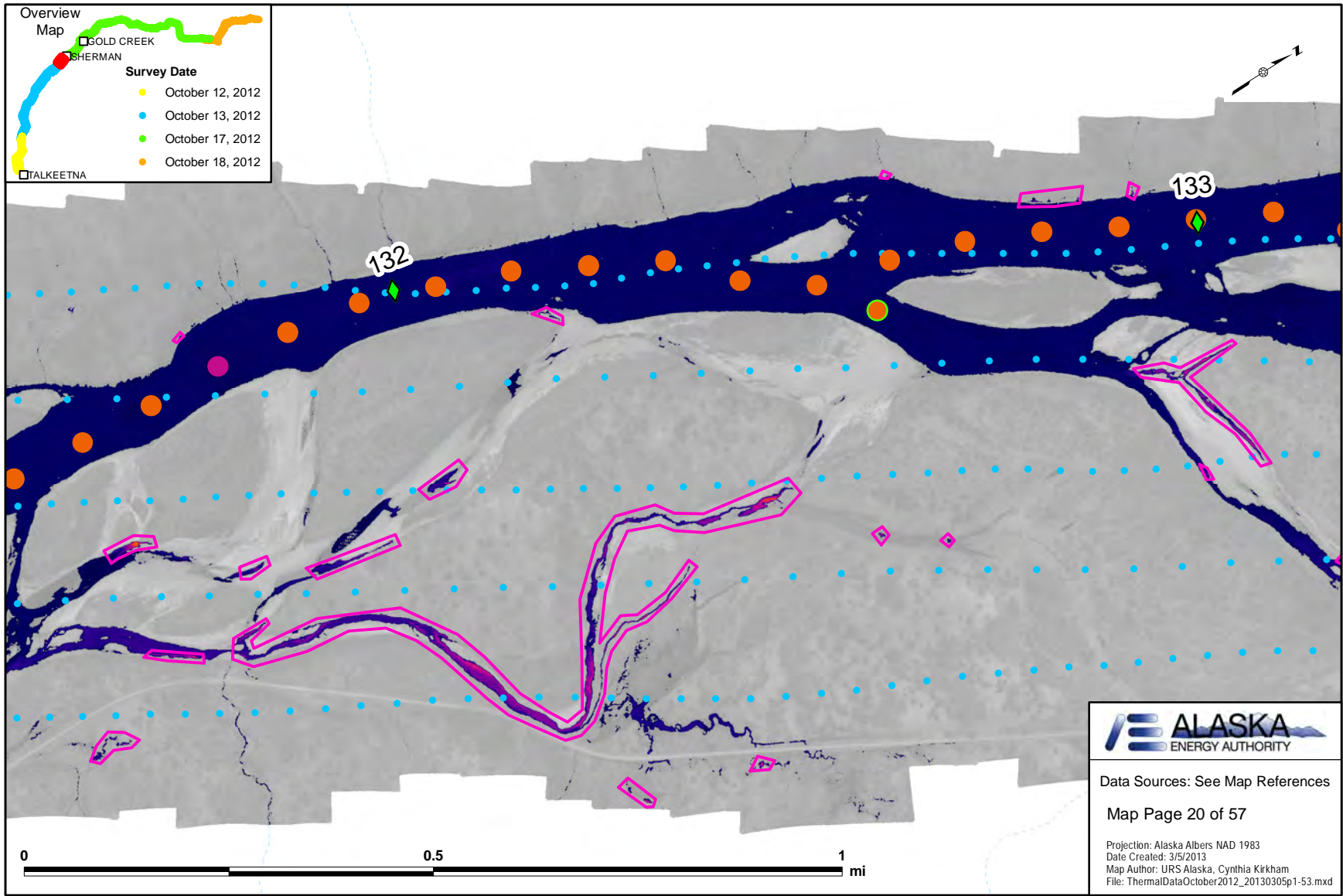
Data Sources: See Map References

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 Date Created: 3/5/2013
 Map Author: URS Alaska, Cynthia Kirkham
 File: ThermalDataOctober2012_20130305p1-53.mxd

Flightlines (Color Coded by Survey Date)	Sampled Centerline Points (Kelvin)	Sampled Inflow Points (Kelvin)
● October 12, 2012	● 271.7 - 272.1	● 271.7 - 272.1
● October 13, 2012	● 272.2 - 272.6	● 272.2 - 272.6
● October 17, 2012	● 272.7 - 273.1	● 272.7 - 273.1
● October 18, 2012	● 273.2 - 273.6	● 273.2 - 273.6
● 273.7 - 274.1	● 273.7 - 274.1	● 273.7 - 274.1
● 274.2 - 274.5	● 274.2 - 274.5	● 274.2 - 274.5
□ Area of Increased Groundwater Activity		
◆ River Mile Index (2013)		





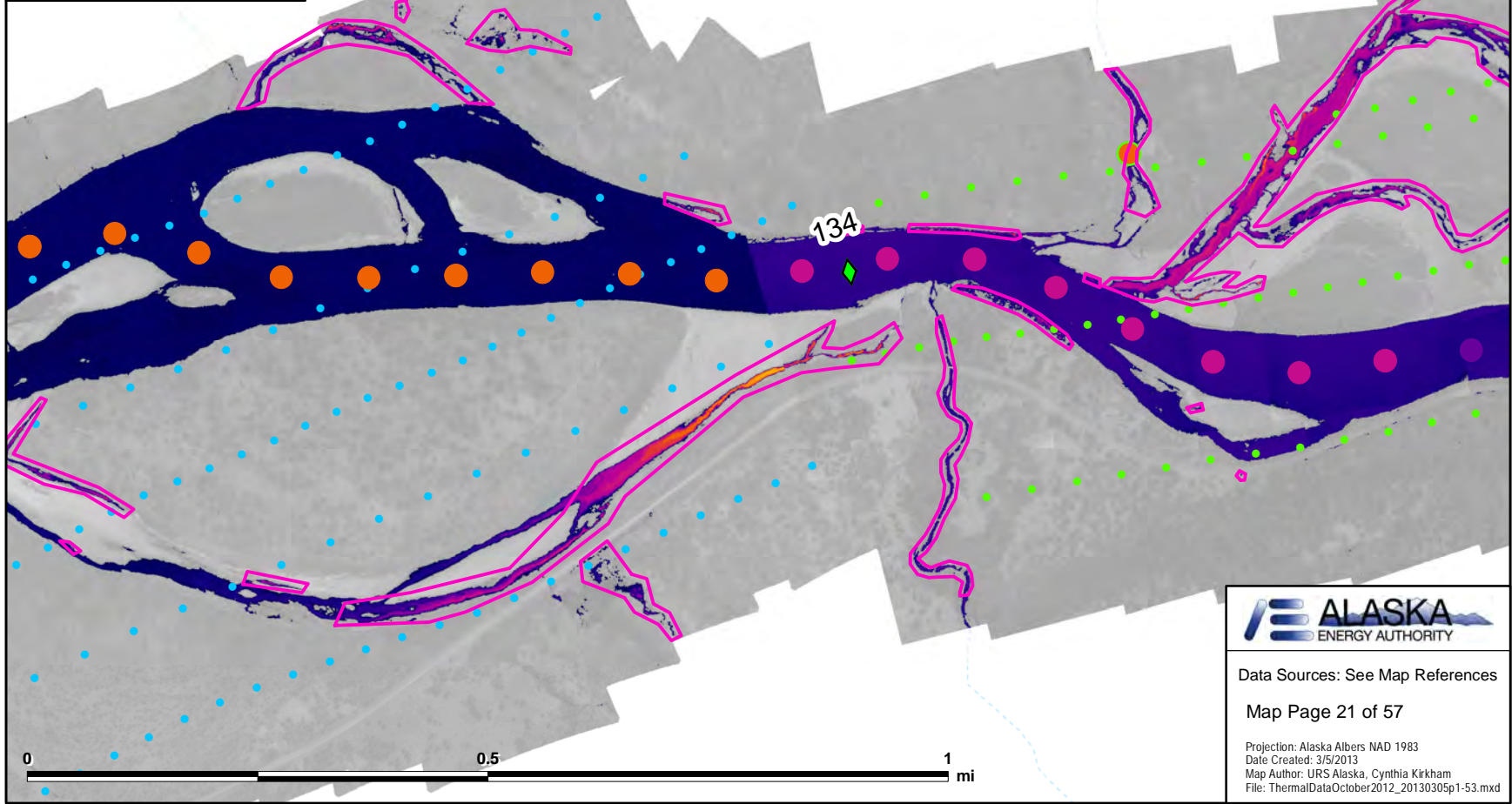
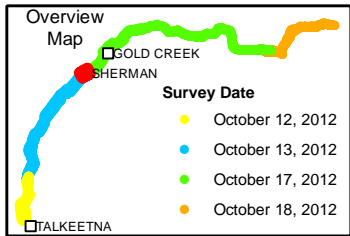
Flightlines (Color Coded by Survey Date)	Sampled Centerline Points (Kelvin)	Sampled Inflow Points (Kelvin)
● October 12, 2012	● 271.7 - 272.1	● 271.7 - 272.1
● October 13, 2012	● 272.2 - 272.6	● 272.2 - 272.6
● October 17, 2012	● 272.7 - 273.1	● 272.7 - 273.1
● October 18, 2012	● 273.2 - 273.6	● 273.2 - 273.6
■ Area of Increased Groundwater Activity	● 273.7 - 274.1	● 273.7 - 274.1
◆ River Mile Index (2013)	● 274.2 - 274.5	● 274.2 - 274.5

October 12-13, 2012 Colorramp (Kelvin)



October 17-18, 2012 Colorramp (Kelvin)





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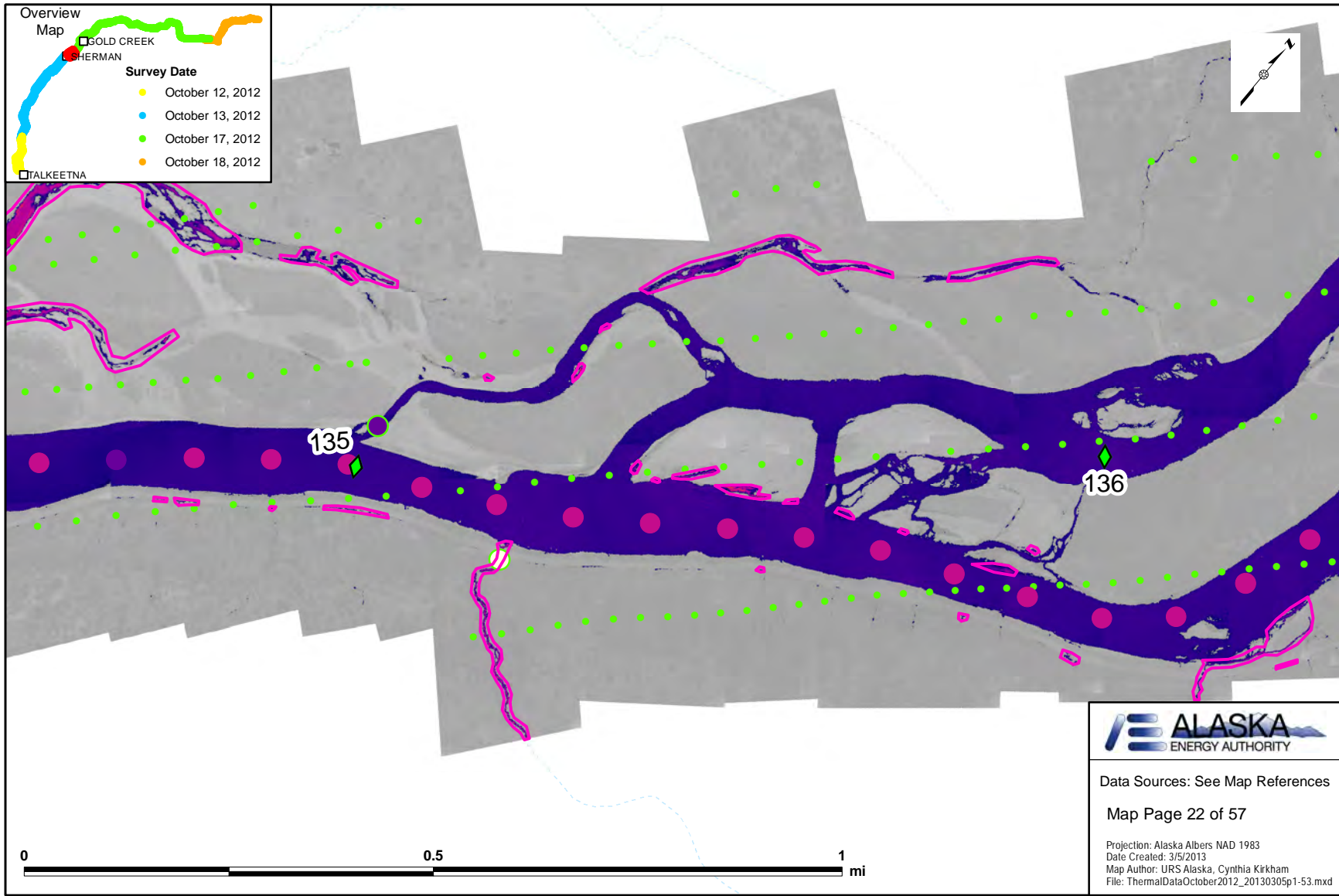
Data Sources: See Map References

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Projection: Alaska Albers NAD 1983
 Date Created: 3/5/2013
 Map Author: URS Alaska, Cynthia Kirkham
 File: ThermalDataOctober2012_20130305p1-53.mxd

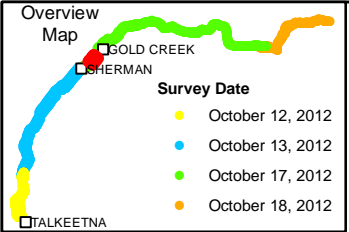
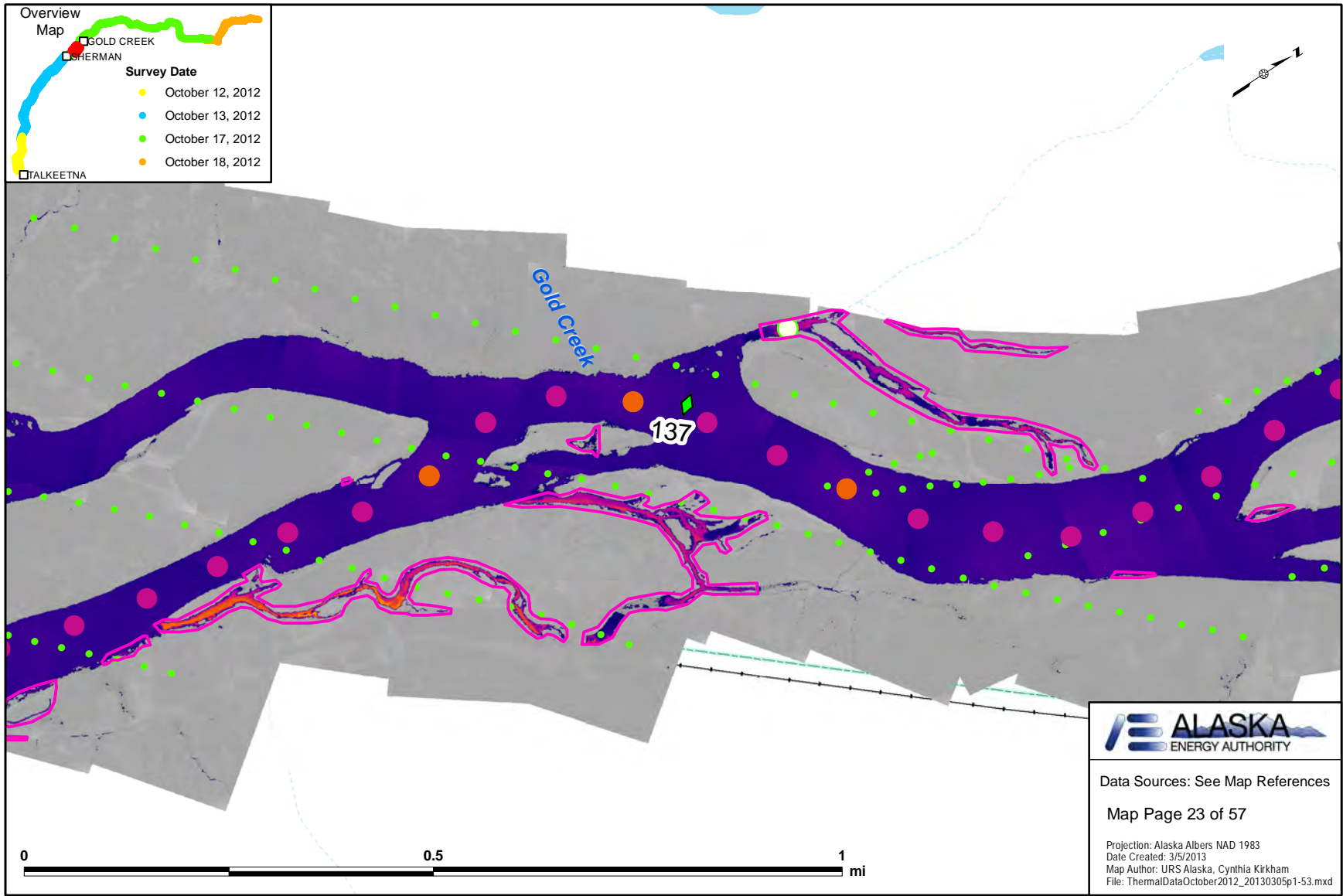
Flightlines (Color Coded by Survey Date)	Sampled Centerline Points (Kelvin)	Sampled Inflow Points (Kelvin)
● October 12, 2012	● 271.7 - 272.1	● 271.7 - 272.1
● October 13, 2012	● 272.2 - 272.6	● 272.2 - 272.6
● October 17, 2012	● 272.7 - 273.1	● 272.7 - 273.1
● October 18, 2012	● 273.2 - 273.6	● 273.2 - 273.6
● 273.7 - 274.1	● 273.7 - 274.1	● 273.7 - 274.1
● 274.2 - 274.5	● 274.2 - 274.5	● 274.2 - 274.5
□ Area of Increased Groundwater Activity		
◆ River Mile Index (2013)		





Flightlines (Color Coded by Survey Date)	Sampled Centerline Points (Kelvin)	Sampled Inflow Points (Kelvin)
● October 12, 2012	● 271.7 - 272.1	● 271.7 - 272.1
● October 13, 2012	● 272.2 - 272.6	● 272.2 - 272.6
● October 17, 2012	● 272.7 - 273.1	● 272.7 - 273.1
● October 18, 2012	● 273.2 - 273.6	● 273.2 - 273.6
□ Area of Increased Groundwater Activity	● 273.7 - 274.1	● 273.7 - 274.1
◆ River Mile Index (2013)	● 274.2 - 274.5	● 274.2 - 274.5





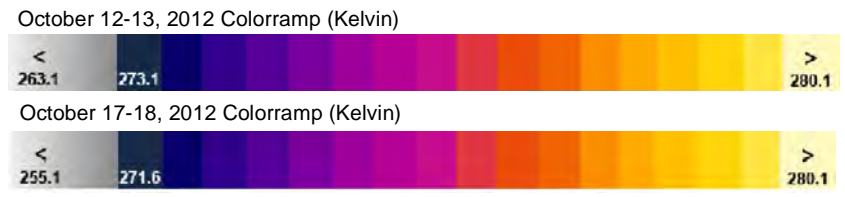
ALASKA ENERGY AUTHORITY

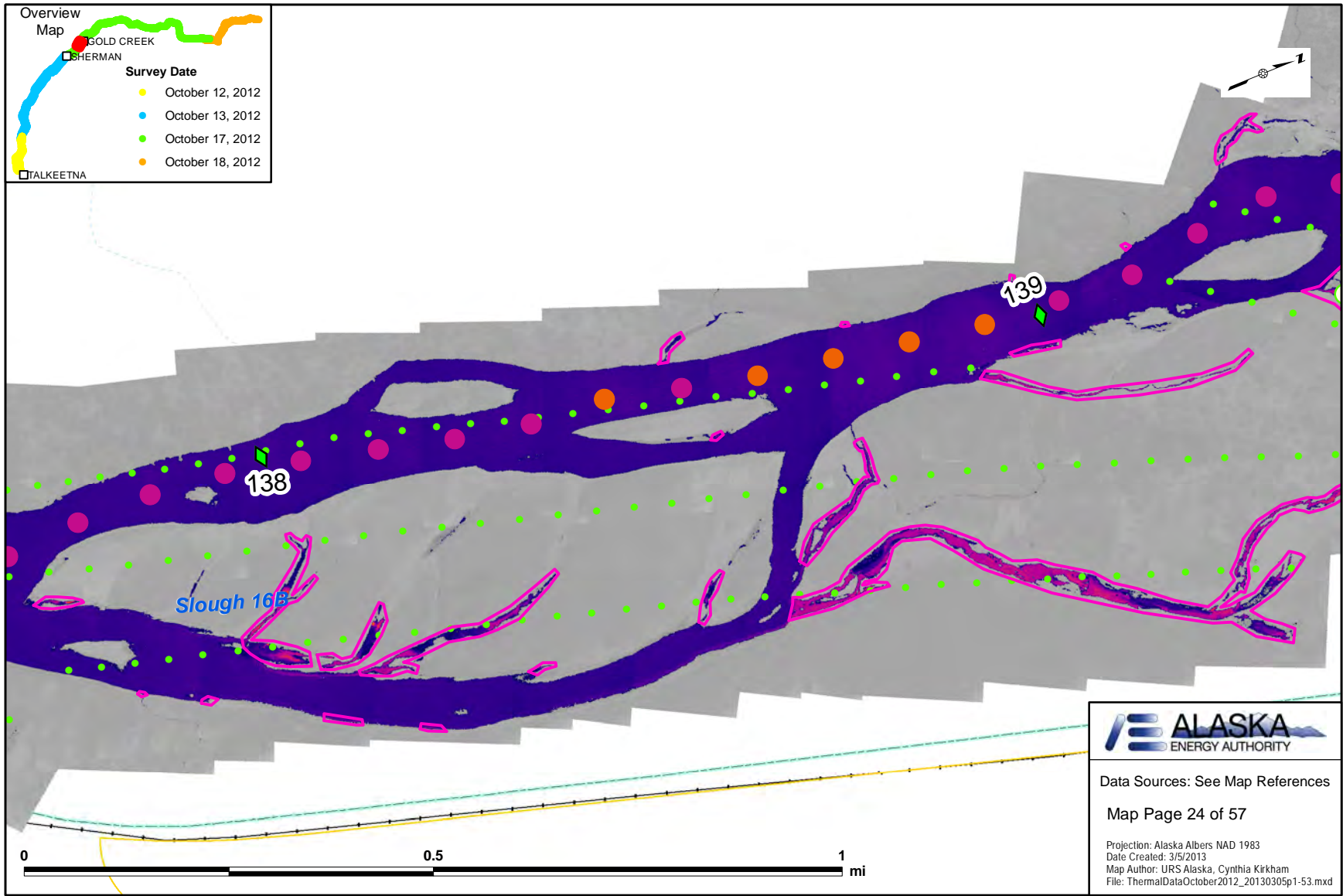
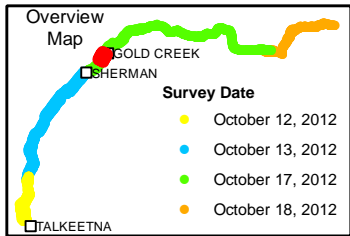
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Projection: Alaska Albers NAD 1983
 Date Created: 3/5/2013
 Map Author: URS Alaska, Cynthia Kirkham
 File: ThermalDataOctober2012_20130305p1-53.mxd

Flightlines (Color Coded by Survey Date)	Sampled Centerline Points (Kelvin)	Sampled Inflow Points (Kelvin)
● October 12, 2012	● 271.7 - 272.1	● 271.7 - 272.1
● October 13, 2012	● 272.2 - 272.6	● 272.2 - 272.6
● October 17, 2012	● 272.7 - 273.1	● 272.7 - 273.1
● October 18, 2012	● 273.2 - 273.6	● 273.2 - 273.6
● Area of Increased Groundwater Activity	● 273.7 - 274.1	● 273.7 - 274.1
◆ River Mile Index (2013)	● 274.2 - 274.5	● 274.2 - 274.5





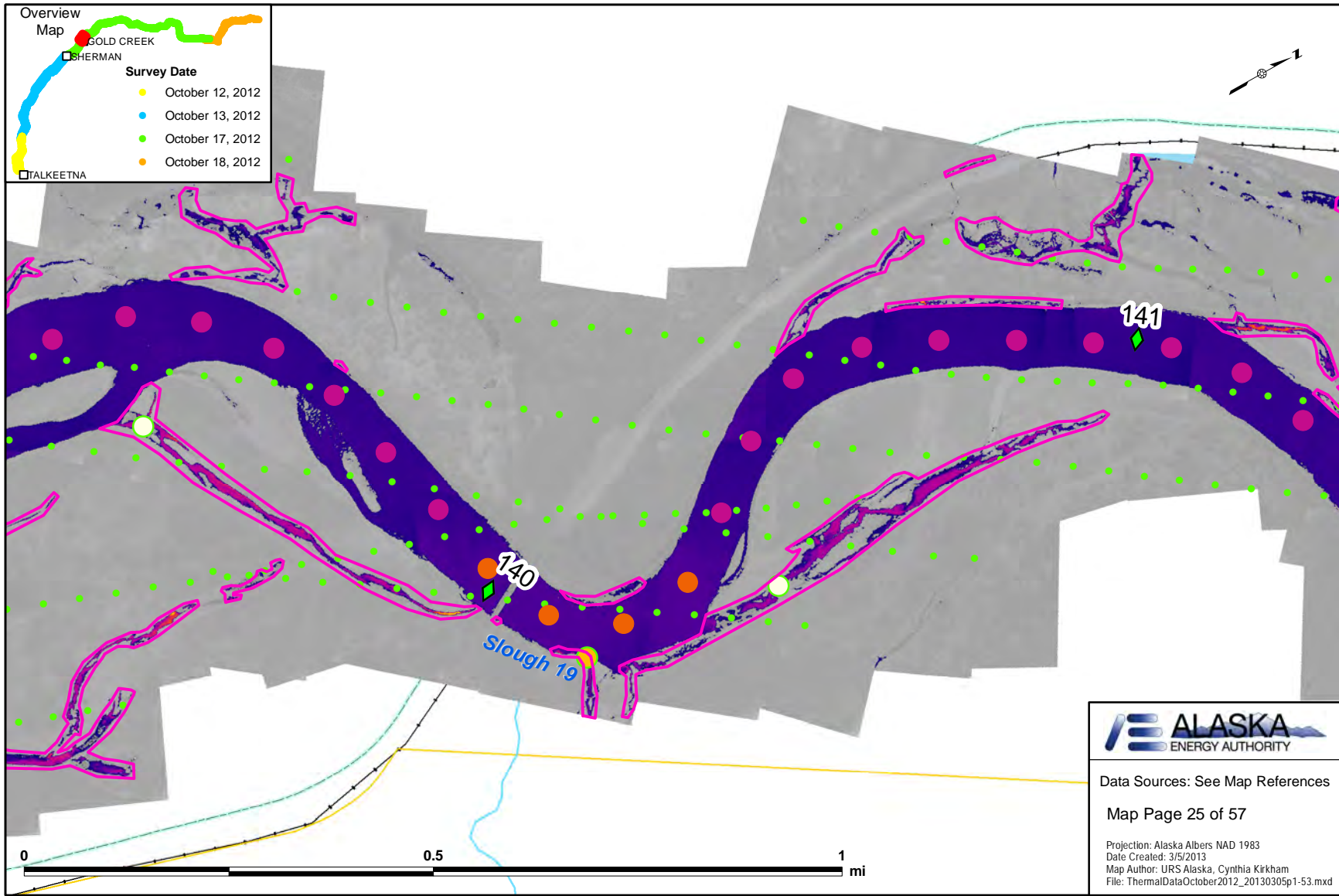
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Projection: Alaska Albers NAD 1983
 Date Created: 3/5/2013
 Map Author: URS Alaska, Cynthia Kirkham
 File: ThermalDataOctober2012_20130305p1-53.mxd

Flightlines (Color Coded by Survey Date)	Sampled Centerline Points (Kelvin)	Sampled Inflow Points (Kelvin)
● October 12, 2012	● 271.7 - 272.1	● 271.7 - 272.1
● October 13, 2012	● 272.2 - 272.6	● 272.2 - 272.6
● October 17, 2012	● 272.7 - 273.1	● 272.7 - 273.1
● October 18, 2012	● 273.2 - 273.6	● 273.2 - 273.6
□ Area of Increased Groundwater Activity	● 273.7 - 274.1	● 273.7 - 274.1
◆ River Mile Index (2013)	● 274.2 - 274.5	● 274.2 - 274.5





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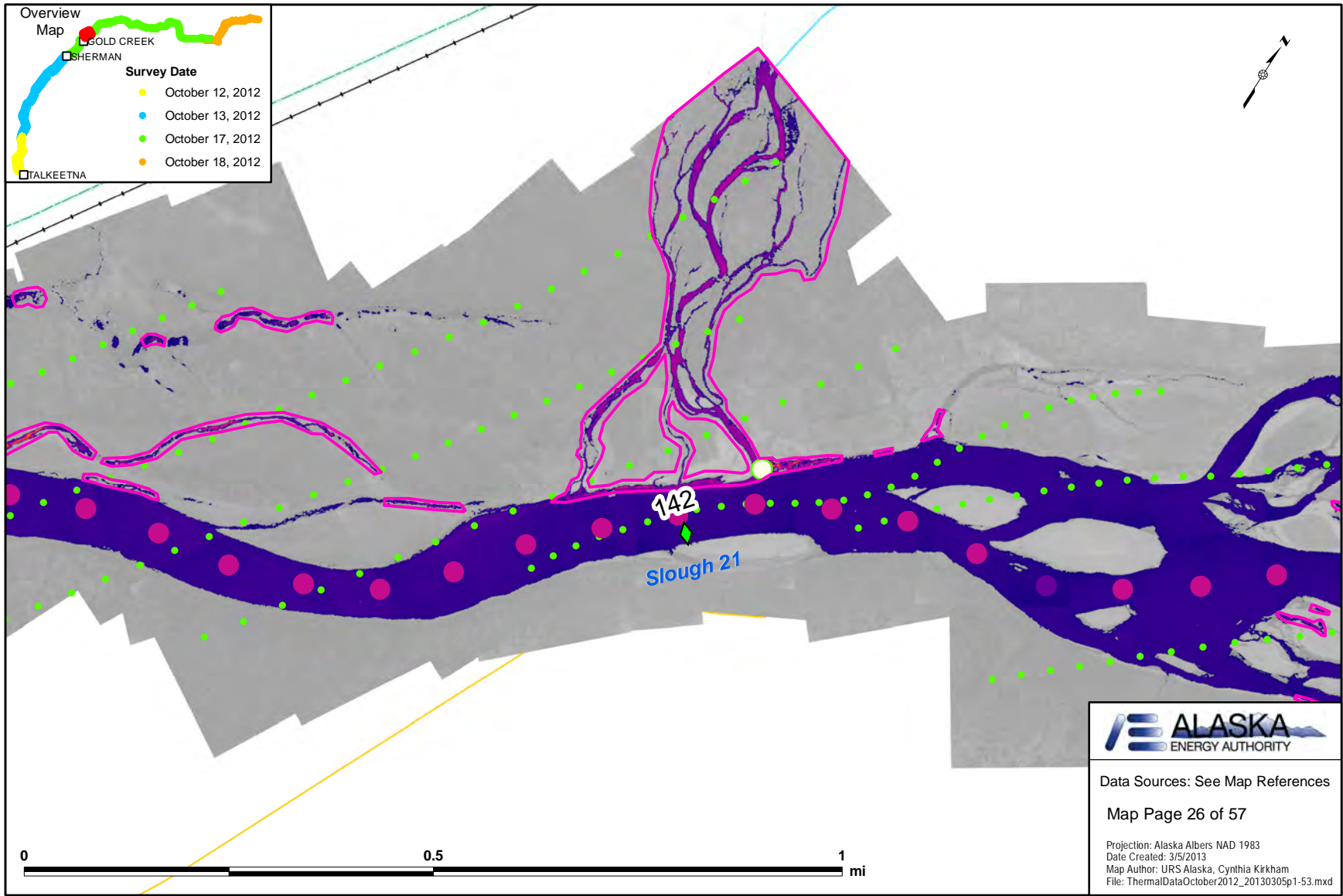
Data Sources: See Map References

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Projection: Alaska Albers NAD 1983
 Date Created: 3/5/2013
 Map Author: URS Alaska, Cynthia Kirkham
 File: ThermalDataOctober2012_20130305p1-53.mxd

Flightlines (Color Coded by Survey Date)	Sampled Centerline Points (Kelvin)	Sampled Inflow Points (Kelvin)
● October 12, 2012	● 271.7 - 272.1	● 271.7 - 272.1
● October 13, 2012	● 272.2 - 272.6	● 272.2 - 272.6
● October 17, 2012	● 272.7 - 273.1	● 272.7 - 273.1
● October 18, 2012	● 273.2 - 273.6	● 273.2 - 273.6
□ Area of Increased Groundwater Activity	● 273.7 - 274.1	● 273.7 - 274.1
◆ River Mile Index (2013)	● 274.2 - 274.5	● 274.2 - 274.5





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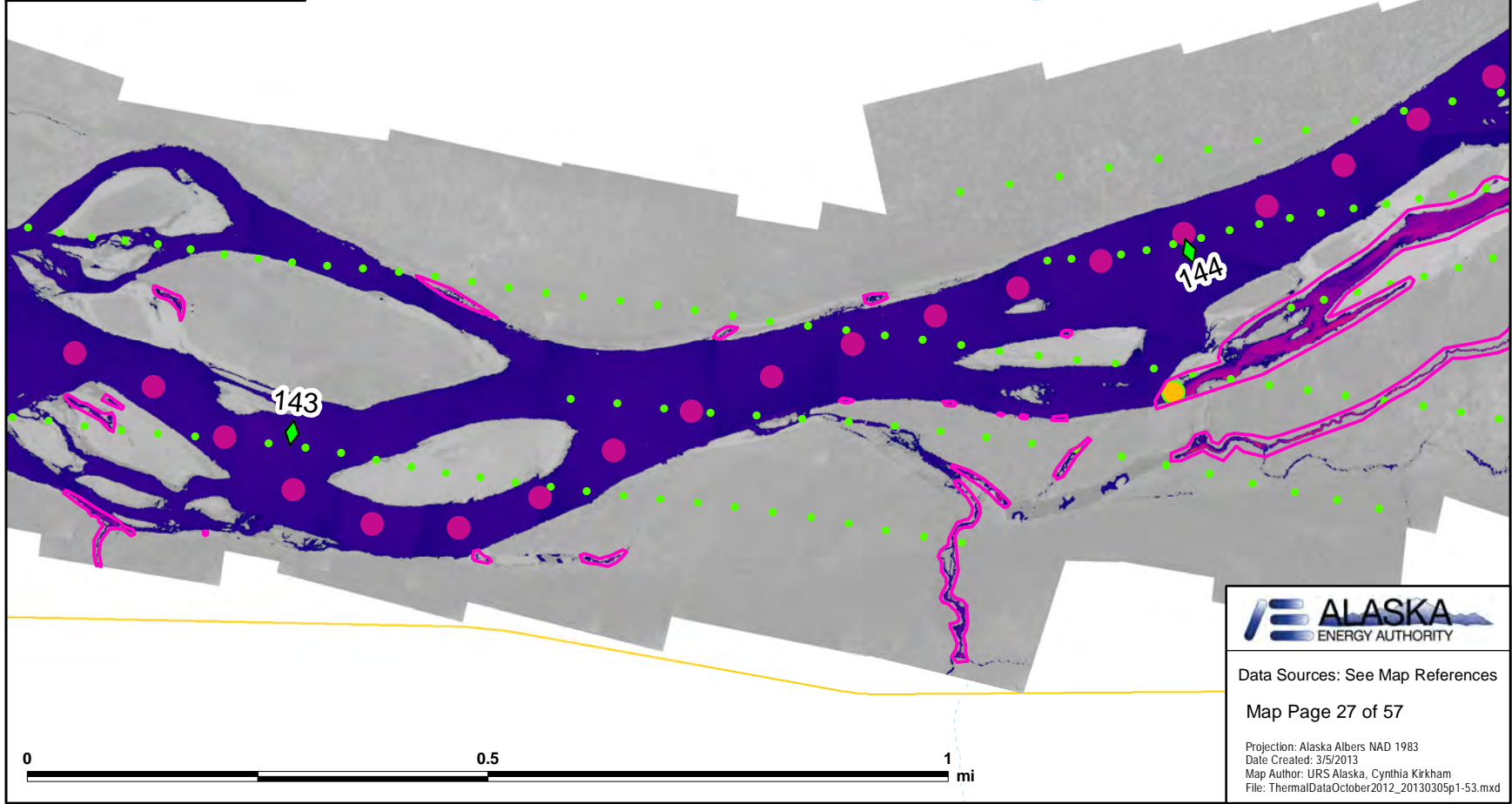
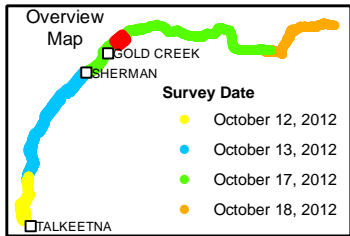
Data Sources: See Map References

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Projection: Alaska Albers NAD 1983
 Date Created: 3/5/2013
 Map Author: URS Alaska, Cynthia Kirkham
 File: ThermalDataOctober2012_20130305p1-53.mxd

Flightlines (Color Coded by Survey Date)	Sampled Centerline Points (Kelvin)	Sampled Inflow Points (Kelvin)
● October 12, 2012	● 271.7 - 272.1	● 271.7 - 272.1
● October 13, 2012	● 272.2 - 272.6	● 272.2 - 272.6
● October 17, 2012	● 272.7 - 273.1	● 272.7 - 273.1
● October 18, 2012	● 273.2 - 273.6	● 273.2 - 273.6
□ Area of Increased Groundwater Activity	● 273.7 - 274.1	● 273.7 - 274.1
◆ River Mile Index (2013)	● 274.2 - 274.5	● 274.2 - 274.5





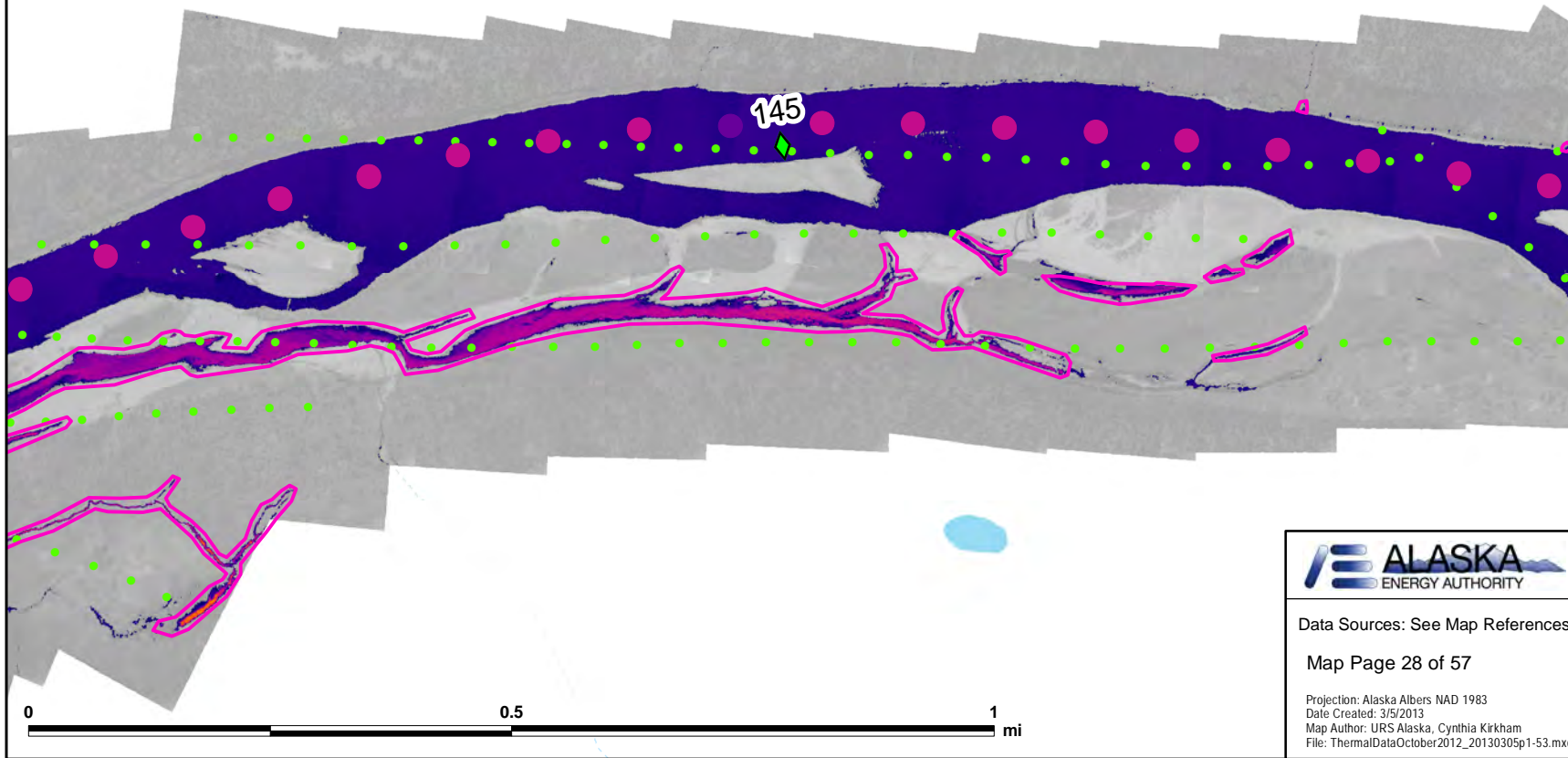
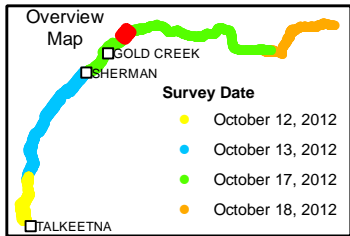
Data Sources: See Map References

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Projection: Alaska Albers NAD 1983
 Date Created: 3/5/2013
 Map Author: URS Alaska, Cynthia Kirkham
 File: ThermalDataOctober2012_20130305p1-53.mxd

Flightlines (Color Coded by Survey Date)	Sampled Centerline Points (Kelvin)	Sampled Inflow Points (Kelvin)
● October 12, 2012	● 271.7 - 272.1	● 271.7 - 272.1
● October 13, 2012	● 272.2 - 272.6	● 272.2 - 272.6
● October 17, 2012	● 272.7 - 273.1	● 272.7 - 273.1
● October 18, 2012	● 273.2 - 273.6	● 273.2 - 273.6
□ Area of Increased Groundwater Activity	● 273.7 - 274.1	● 273.7 - 274.1
◆ River Mile Index (2013)	● 274.2 - 274.5	● 274.2 - 274.5



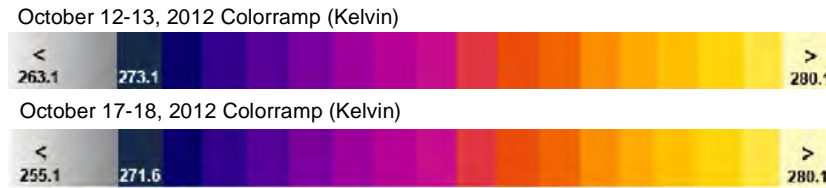


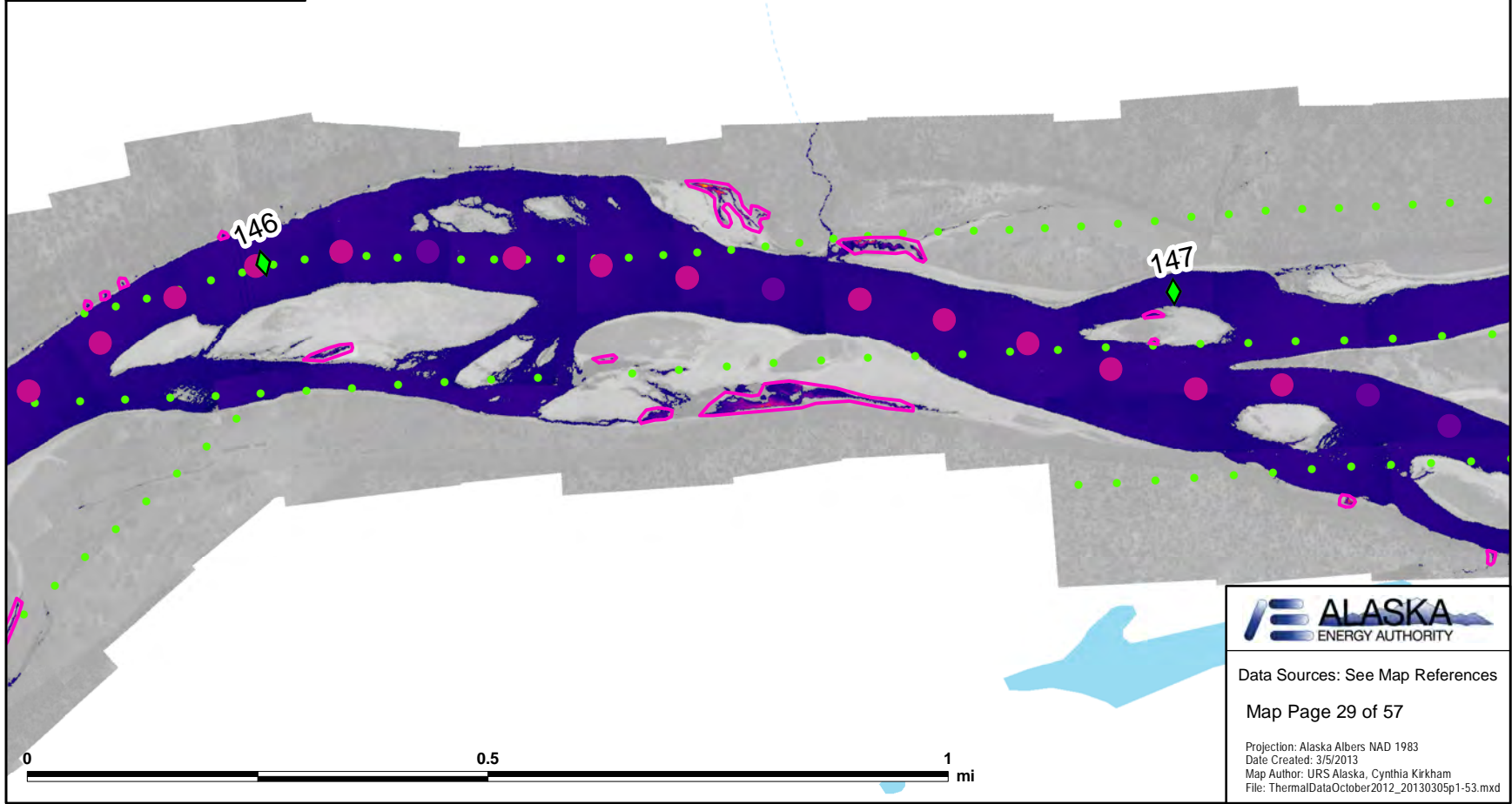
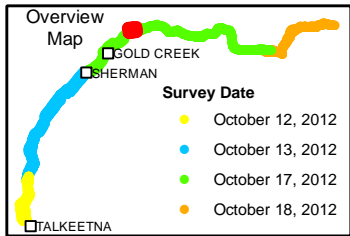
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Projection: Alaska Albers NAD 1983
 Date Created: 3/5/2013
 Map Author: URS Alaska, Cynthia Kirkham
 File: ThermalDataOctober2012_20130305p1-53.mxd

Flightlines (Color Coded by Survey Date)	Sampled Centerline Points (Kelvin)	Sampled Inflow Points (Kelvin)
● October 12, 2012	● 271.7 - 272.1	● 271.7 - 272.1
● October 13, 2012	● 272.2 - 272.6	● 272.2 - 272.6
● October 17, 2012	● 272.7 - 273.1	● 272.7 - 273.1
● October 18, 2012	● 273.2 - 273.6	● 273.2 - 273.6
□ Area of Increased Groundwater Activity	● 273.7 - 274.1	● 273.7 - 274.1
◆ River Mile Index (2013)	● 274.2 - 274.5	● 274.2 - 274.5





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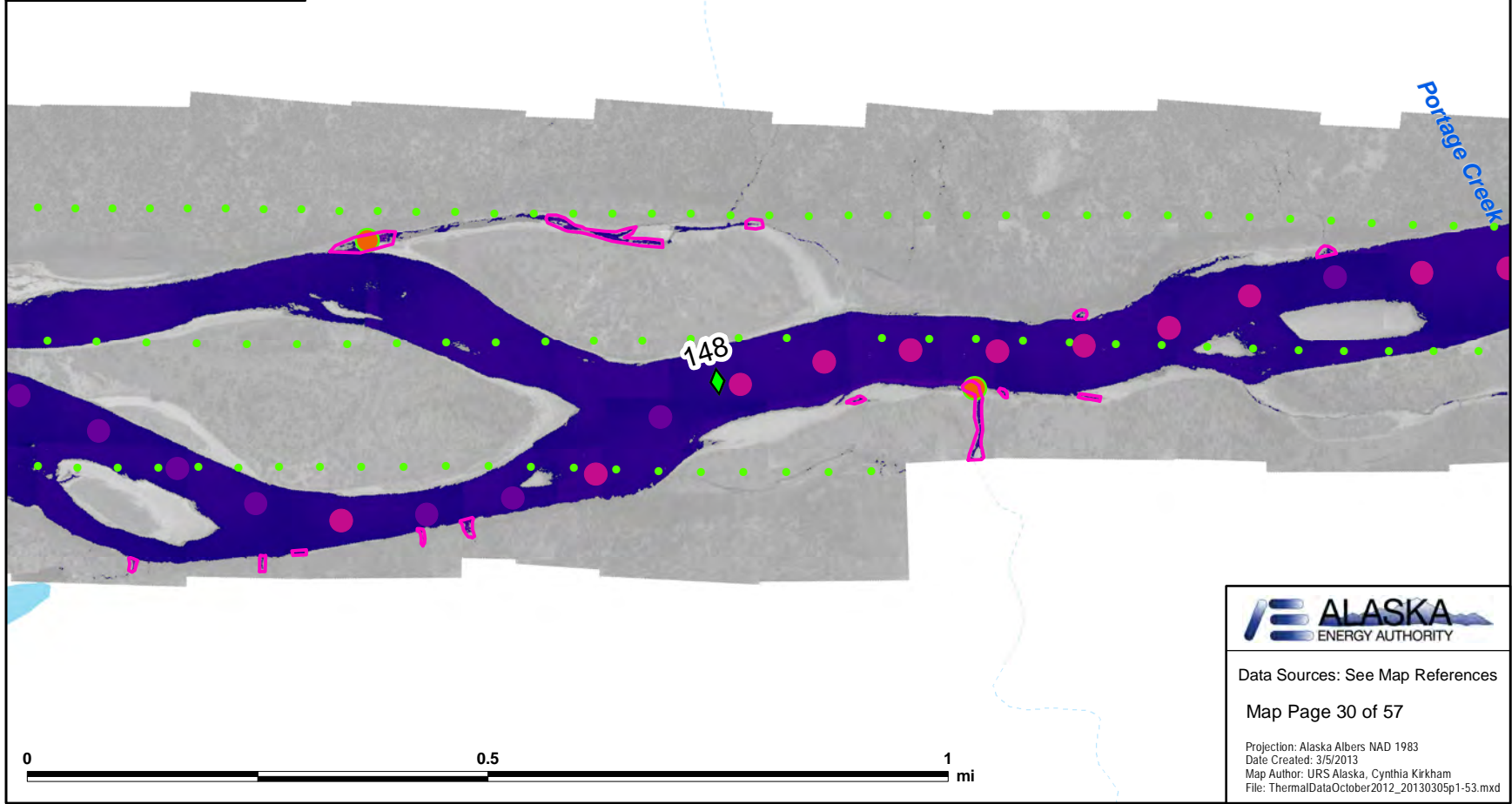
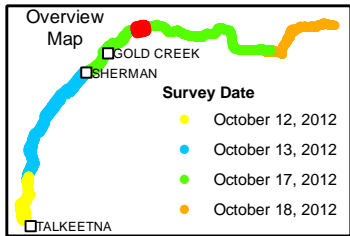
Data Sources: See Map References

Map Page 29 of 57

Projection: Alaska Albers NAD 1983
 Date Created: 3/5/2013
 Map Author: URS Alaska, Cynthia Kirkham
 File: ThermalDataOctober2012_20130305p1-53.mxd

Flightlines (Color Coded by Survey Date)	Sampled Centerline Points (Kelvin)	Sampled Inflow Points (Kelvin)
● October 12, 2012	● 271.7 - 272.1	● 271.7 - 272.1
● October 13, 2012	● 272.2 - 272.6	● 272.2 - 272.6
● October 17, 2012	● 272.7 - 273.1	● 272.7 - 273.1
● October 18, 2012	● 273.2 - 273.6	● 273.2 - 273.6
● 273.7 - 274.1	● 273.7 - 274.1	● 273.7 - 274.1
● 274.2 - 274.5	● 274.2 - 274.5	● 274.2 - 274.5
□ Area of Increased Groundwater Activity		
◆ River Mile Index (2013)		





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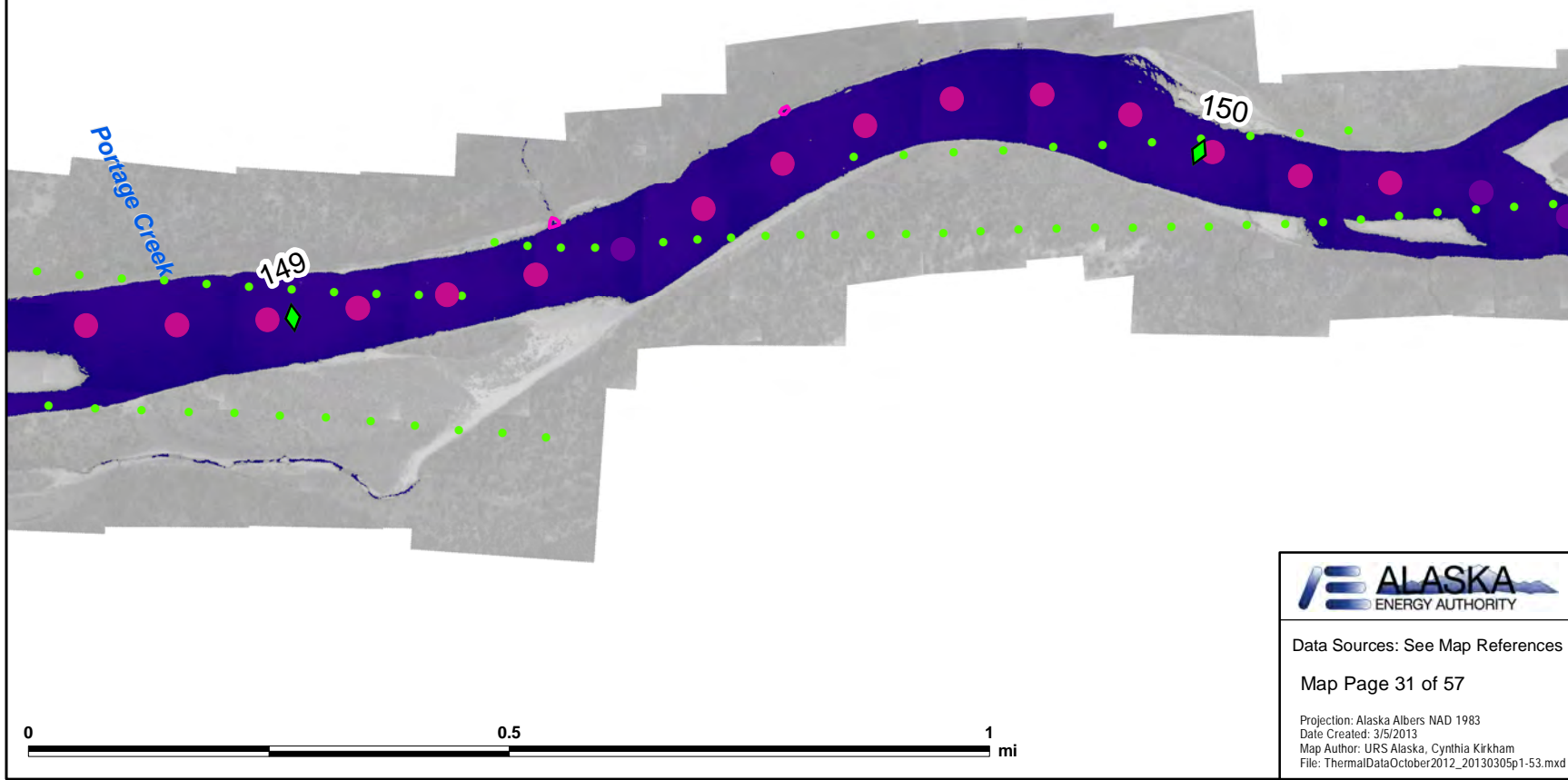
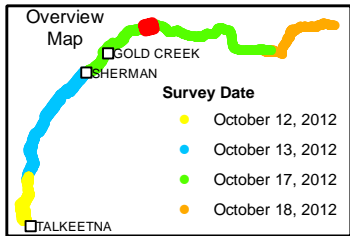
Data Sources: See Map References

Map Page 30 of 57

Projection: Alaska Albers NAD 1983
 Date Created: 3/5/2013
 Map Author: URS Alaska, Cynthia Kirkham
 File: ThermalDataOctober2012_20130305p1-53.mxd

Flightlines (Color Coded by Survey Date)	Sampled Centerline Points (Kelvin)	Sampled Inflow Points (Kelvin)
● October 12, 2012	● 271.7 - 272.1	● 271.7 - 272.1
● October 13, 2012	● 272.2 - 272.6	● 272.2 - 272.6
● October 17, 2012	● 272.7 - 273.1	● 272.7 - 273.1
● October 18, 2012	● 273.2 - 273.6	● 273.2 - 273.6
□ Area of Increased Groundwater Activity	● 273.7 - 274.1	● 273.7 - 274.1
◆ River Mile Index (2013)	● 274.2 - 274.5	● 274.2 - 274.5





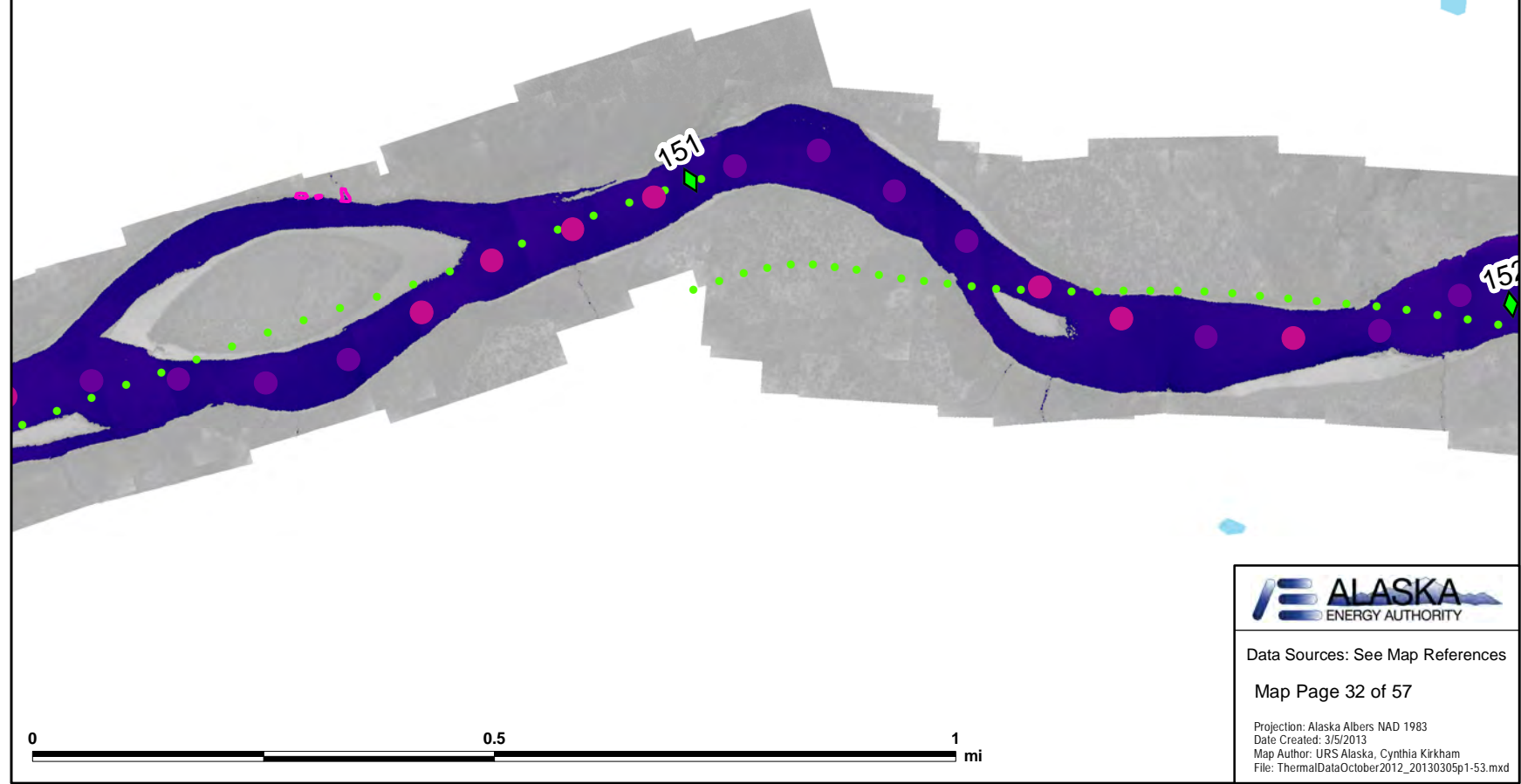
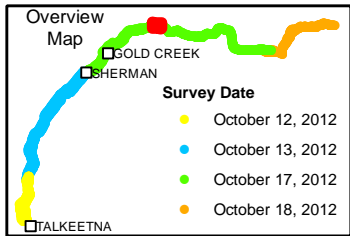
Data Sources: See Map References

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Projection: Alaska Albers NAD 1983
 Date Created: 3/5/2013
 Map Author: URS Alaska, Cynthia Kirkham
 File: ThermalDataOctober2012_20130305p1-53.mxd

Flightlines (Color Coded by Survey Date)	Sampled Centerline Points (Kelvin)	Sampled Inflow Points (Kelvin)
● October 12, 2012	● 271.7 - 272.1	● 271.7 - 272.1
● October 13, 2012	● 272.2 - 272.6	● 272.2 - 272.6
● October 17, 2012	● 272.7 - 273.1	● 272.7 - 273.1
● October 18, 2012	● 273.2 - 273.6	● 273.2 - 273.6
● 273.7 - 274.1	● 273.7 - 274.1	● 273.7 - 274.1
● 274.2 - 274.5	● 274.2 - 274.5	● 274.2 - 274.5
□ Area of Increased Groundwater Activity		
◆ River Mile Index (2013)		





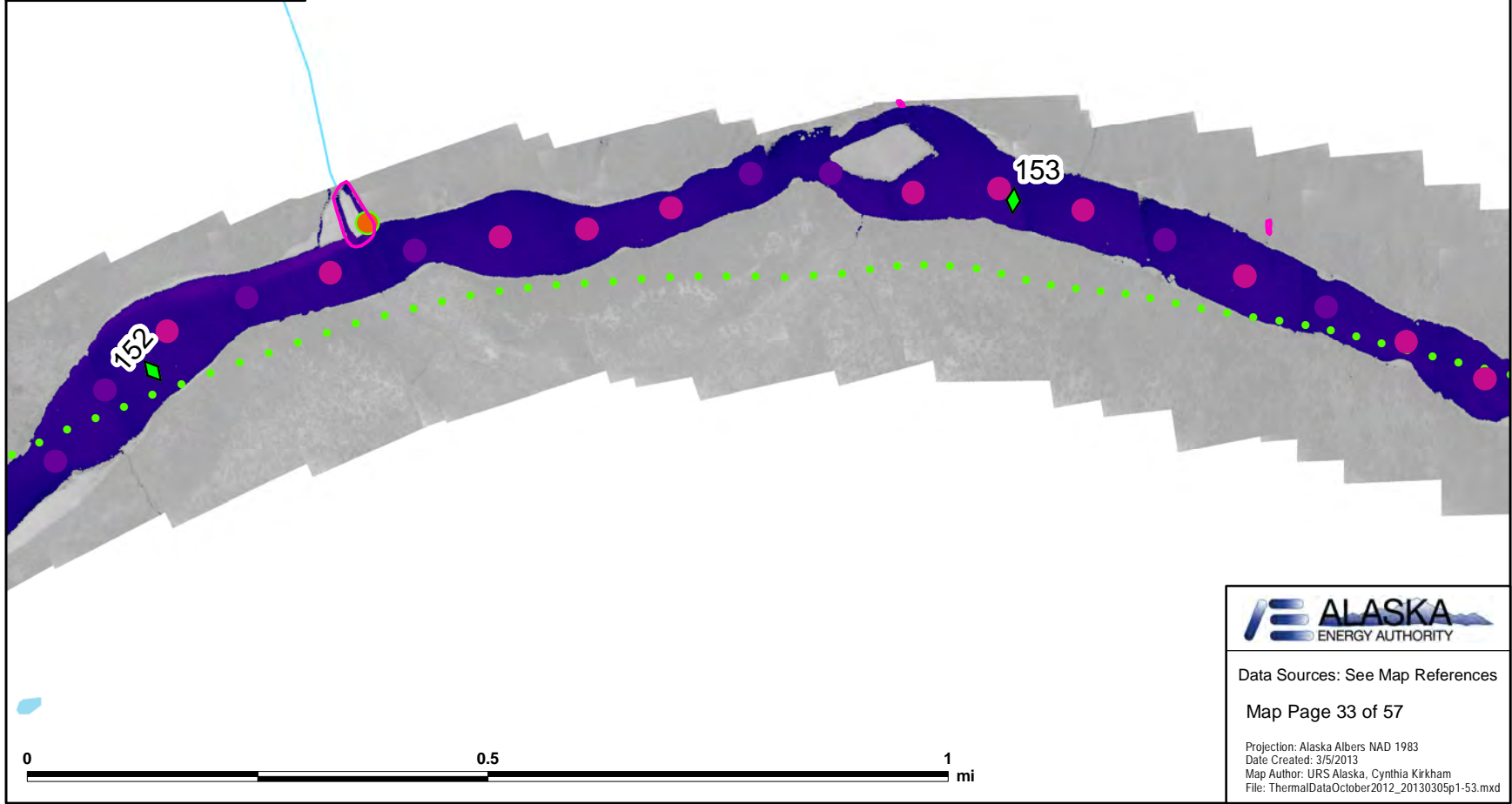
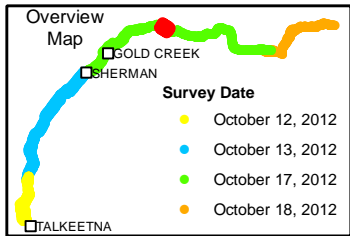
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Projection: Alaska Albers NAD 1983
 Date Created: 3/5/2013
 Map Author: URS Alaska, Cynthia Kirkham
 File: ThermalDataOctober2012_20130305p1-53.mxd

Flightlines (Color Coded by Survey Date)	Sampled Centerline Points (Kelvin)	Sampled Inflow Points (Kelvin)
● October 12, 2012	● 271.7 - 272.1	● 271.7 - 272.1
● October 13, 2012	● 272.2 - 272.6	● 272.2 - 272.6
● October 17, 2012	● 272.7 - 273.1	● 272.7 - 273.1
● October 18, 2012	● 273.2 - 273.6	● 273.2 - 273.6
□ Area of Increased Groundwater Activity	● 273.7 - 274.1	● 273.7 - 274.1
◆ River Mile Index (2013)	● 274.2 - 274.5	● 274.2 - 274.5





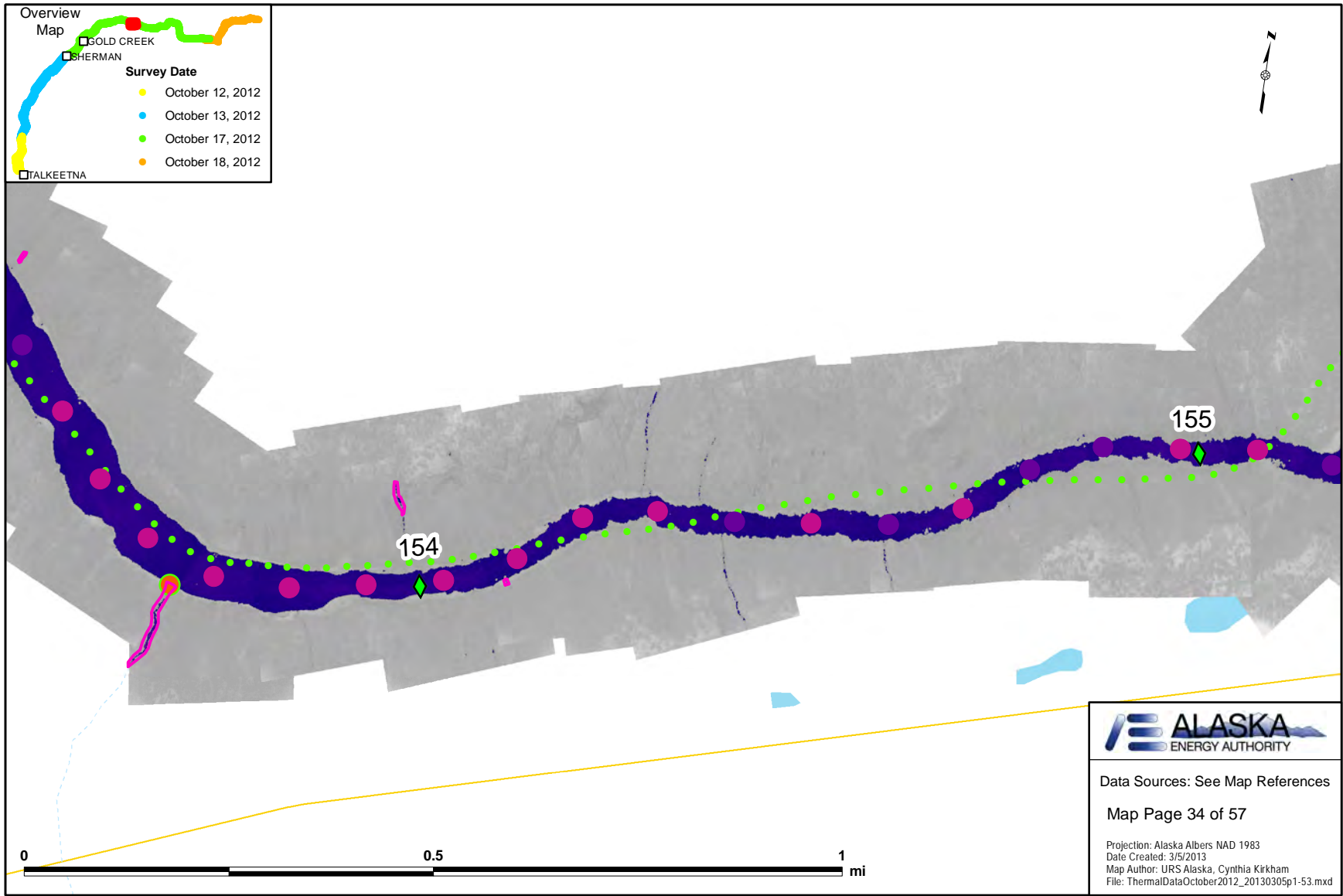
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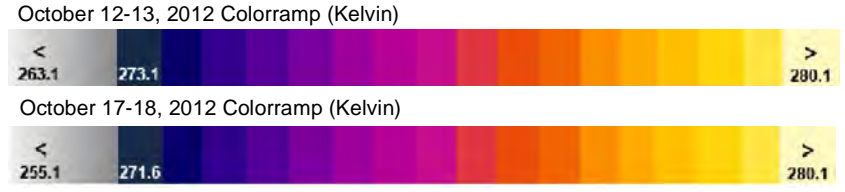
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 Map Author: URS Alaska, Cynthia Kirkham
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Flightlines (Color Coded by Survey Date)	Sampled Centerline Points (Kelvin)	Sampled Inflow Points (Kelvin)
● October 12, 2012	● 271.7 - 272.1	● 271.7 - 272.1
● October 13, 2012	● 272.2 - 272.6	● 272.2 - 272.6
● October 17, 2012	● 272.7 - 273.1	● 272.7 - 273.1
● October 18, 2012	● 273.2 - 273.6	● 273.2 - 273.6
◻ Area of Increased Groundwater Activity	● 273.7 - 274.1	● 273.7 - 274.1
◆ River Mile Index (2013)	● 274.2 - 274.5	● 274.2 - 274.5





Flightlines (Color Coded by Survey Date)	Sampled Centerline Points (Kelvin)	Sampled Inflow Points (Kelvin)
● October 12, 2012	● 271.7 - 272.1	● 271.7 - 272.1
● October 13, 2012	● 272.2 - 272.6	● 272.2 - 272.6
● October 17, 2012	● 272.7 - 273.1	● 272.7 - 273.1
● October 18, 2012	● 273.2 - 273.6	● 273.2 - 273.6
■ Area of Increased Groundwater Activity	● 273.7 - 274.1	● 273.7 - 274.1
◆ River Mile Index (2013)	● 274.2 - 274.5	● 274.2 - 274.5

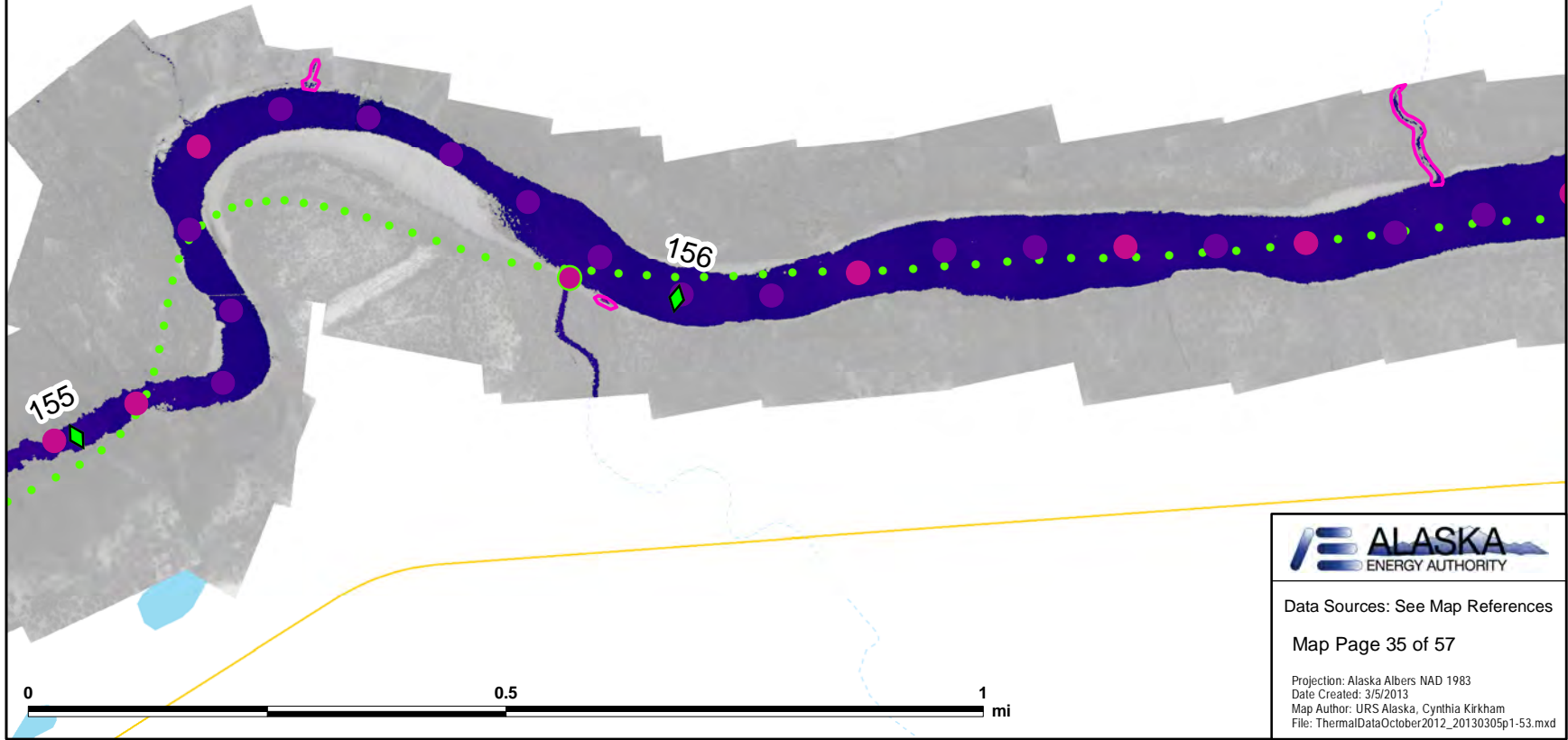
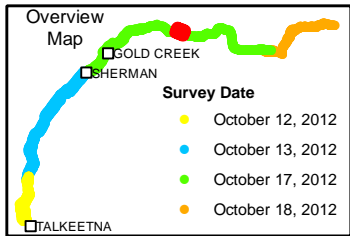


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Data Sources: See Map References

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 Date Created: 3/5/2013
 Map Author: URS Alaska, Cynthia Kirkham
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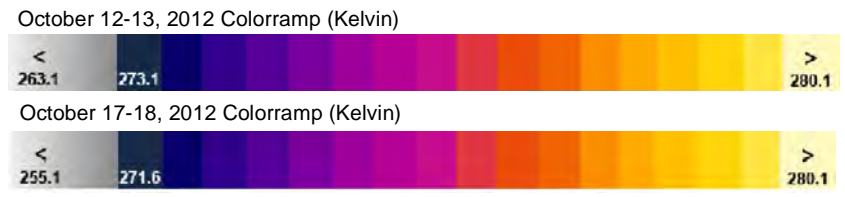


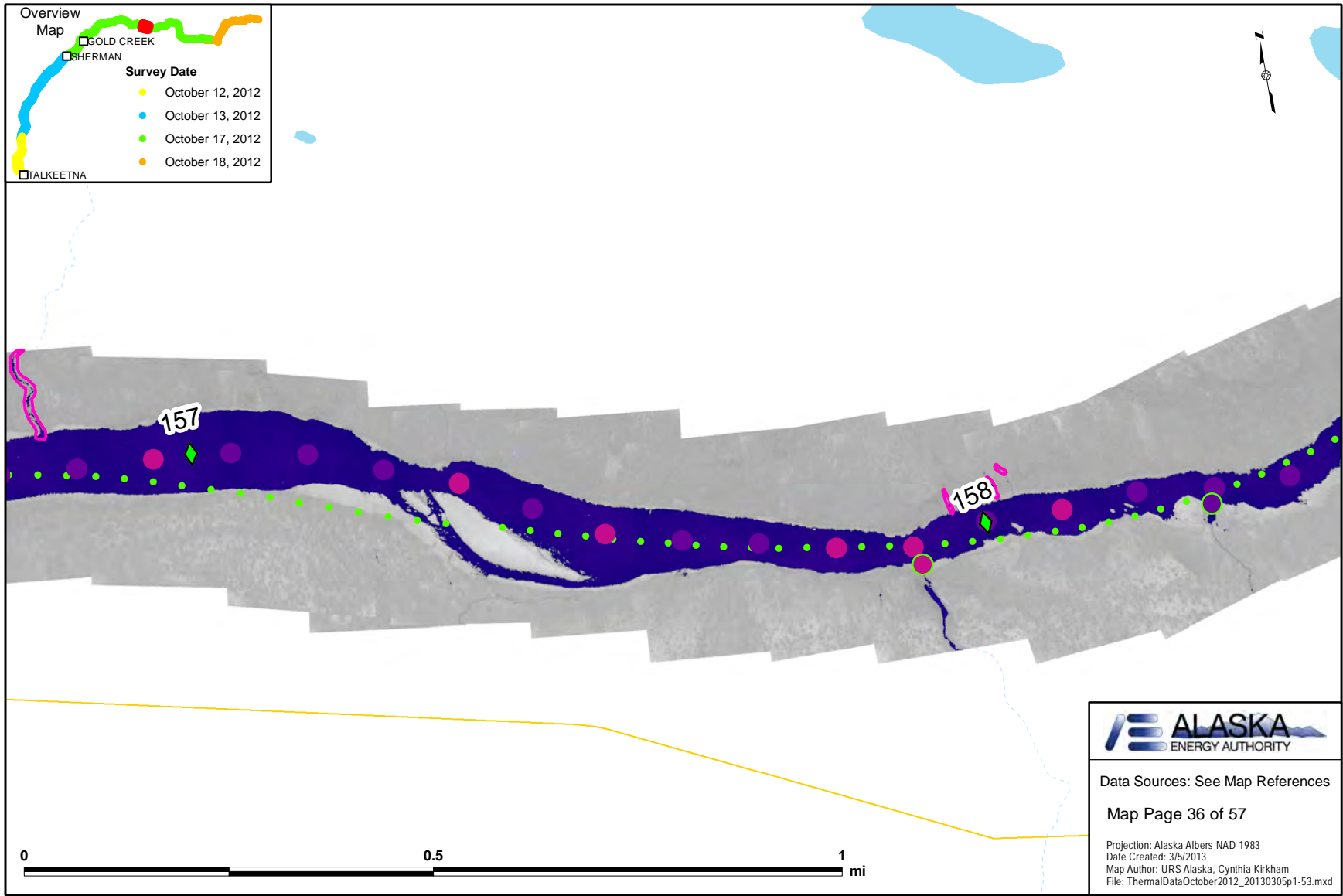
Data Sources: See Map References

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 Date Created: 3/5/2013
 Map Author: URS Alaska, Cynthia Kirkham
 File: ThermalDataOctober2012_20130305p1-53.mxd

Flightline (Color Coded by Survey Date)	Sampled Centerline Points (Kelvin)	Sampled Inflow Points (Kelvin)
● October 12, 2012	● 271.7 - 272.1	● 271.7 - 272.1
● October 13, 2012	● 272.2 - 272.6	● 272.2 - 272.6
● October 17, 2012	● 272.7 - 273.1	● 272.7 - 273.1
● October 18, 2012	● 273.2 - 273.6	● 273.2 - 273.6
□ Area of Increased Groundwater Activity	● 273.7 - 274.1	● 273.7 - 274.1
◆ River Mile Index (2013)	● 274.2 - 274.5	● 274.2 - 274.5





Overview Map

■ GOLD CREEK
 ■ SHERMAN
 ■ TALKEETNA

Survey Date

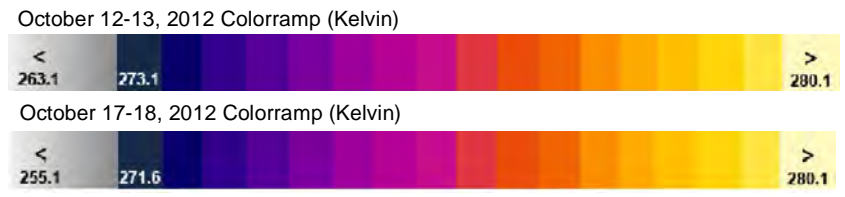
- October 12, 2012
- October 13, 2012
- October 17, 2012
- October 18, 2012

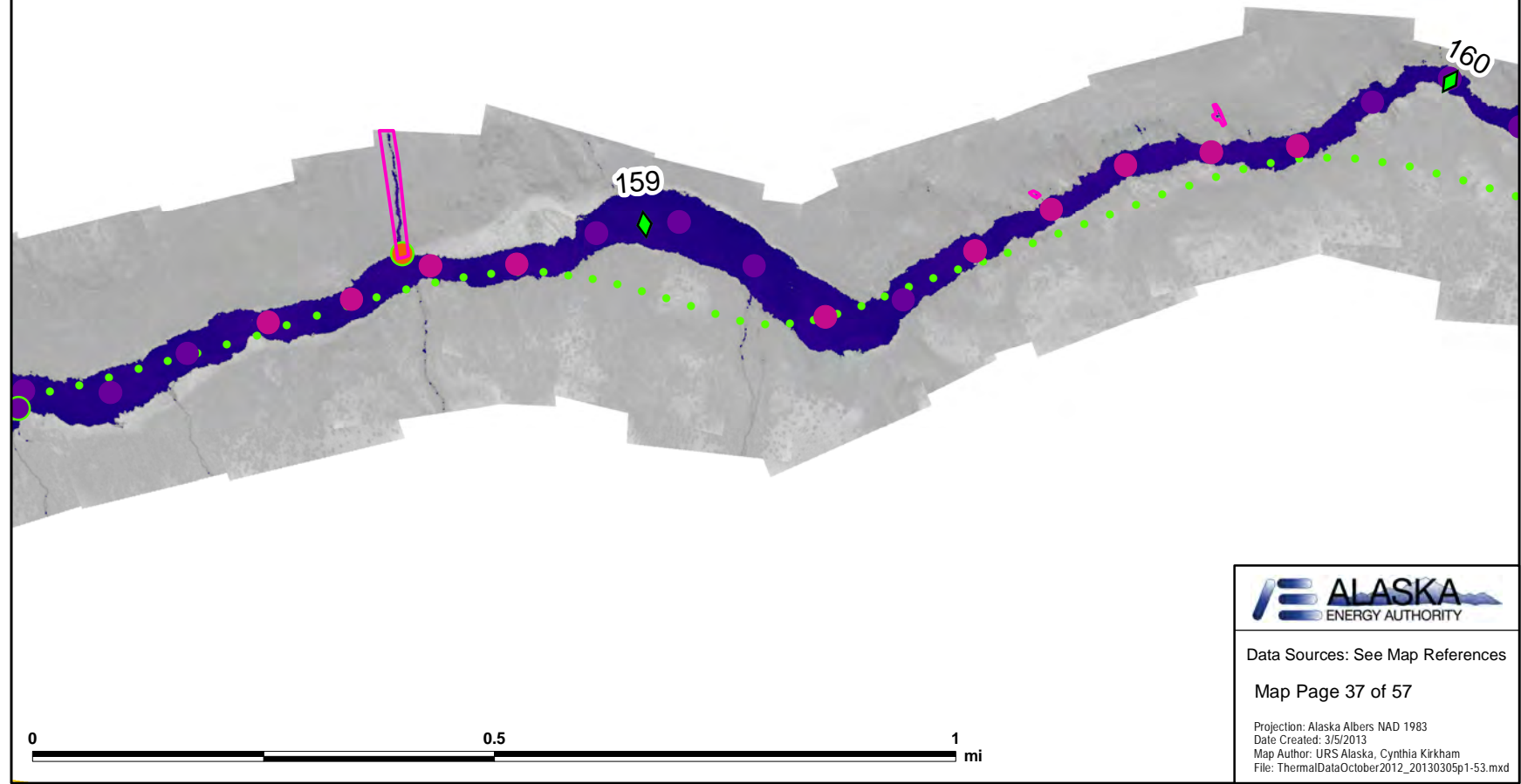
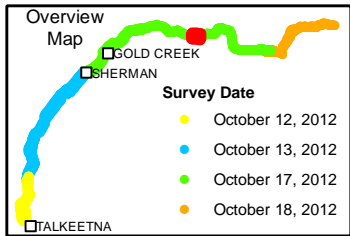
Data Sources: See Map References

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Projection: Alaska Albers NAD 1983
 Date Created: 3/5/2013
 Map Author: URS Alaska, Cynthia Kirkham
 File: ThermalDataOctober2012_20130305p1-53.mxd

Flightlines (Color Coded by Survey Date)	Sampled Centerline Points (Kelvin)	Sampled Inflow Points (Kelvin)
● October 12, 2012	● 271.7 - 272.1	● 271.7 - 272.1
● October 13, 2012	● 272.2 - 272.6	● 272.2 - 272.6
● October 17, 2012	● 272.7 - 273.1	● 272.7 - 273.1
● October 18, 2012	● 273.2 - 273.6	● 273.2 - 273.6
■ Area of Increased Groundwater Activity	● 273.7 - 274.1	● 273.7 - 274.1
◆ River Mile Index (2013)	● 274.2 - 274.5	● 274.2 - 274.5





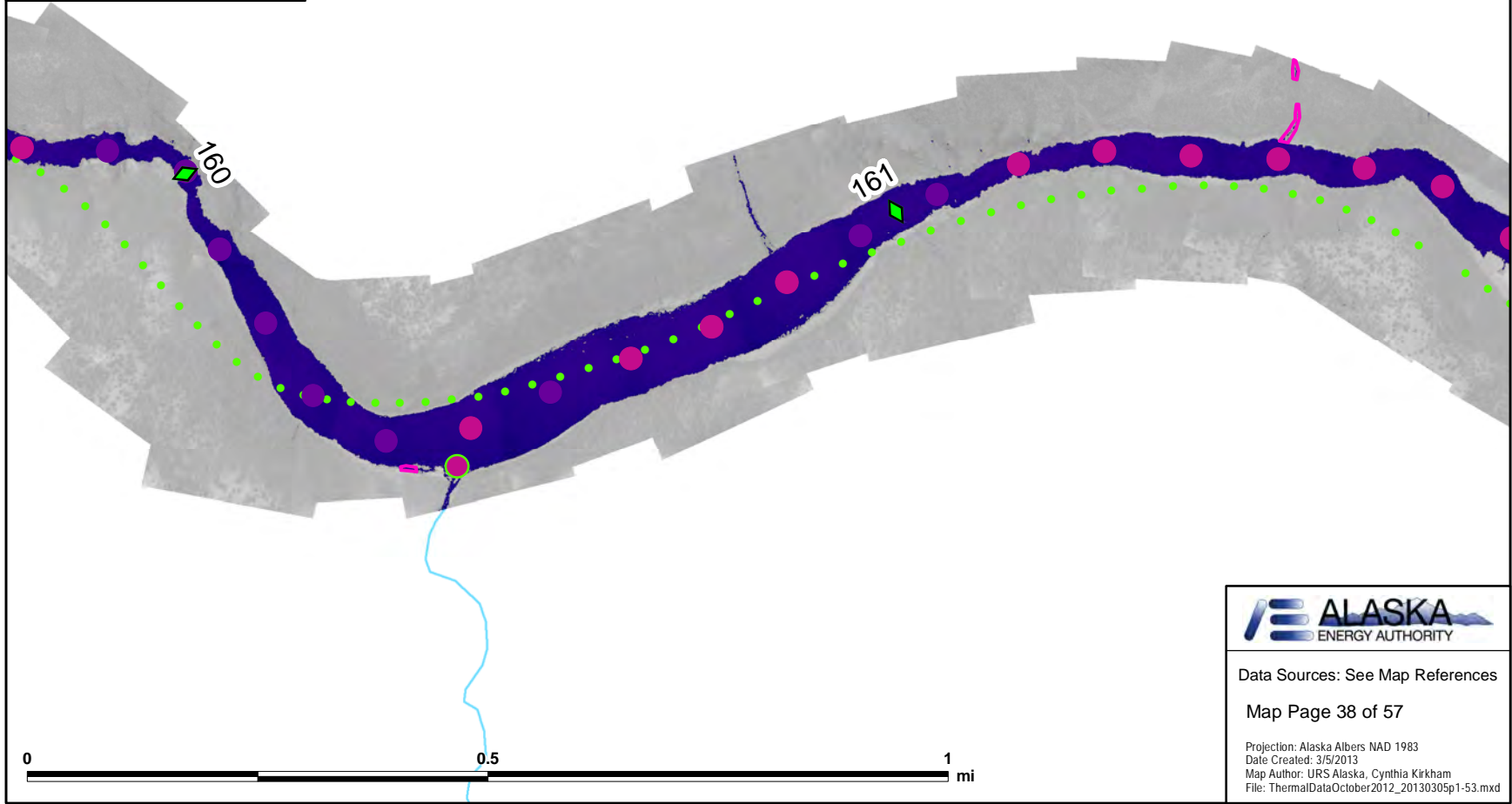
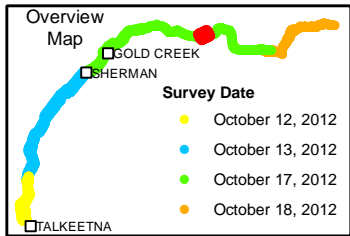
Data Sources: See Map References

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Projection: Alaska Albers NAD 1983
 Date Created: 3/5/2013
 Map Author: URS Alaska, Cynthia Kirkham
 File: ThermalDataOctober2012_20130305p1-53.mxd

Flightlines (Color Coded by Survey Date)	Sampled Centerline Points (Kelvin)	Sampled Inflow Points (Kelvin)
● October 12, 2012	● 271.7 - 272.1	● 271.7 - 272.1
● October 13, 2012	● 272.2 - 272.6	● 272.2 - 272.6
● October 17, 2012	● 272.7 - 273.1	● 272.7 - 273.1
● October 18, 2012	● 273.2 - 273.6	● 273.2 - 273.6
□ Area of Increased Groundwater Activity	● 273.7 - 274.1	● 273.7 - 274.1
◆ River Mile Index (2013)	● 274.2 - 274.5	● 274.2 - 274.5





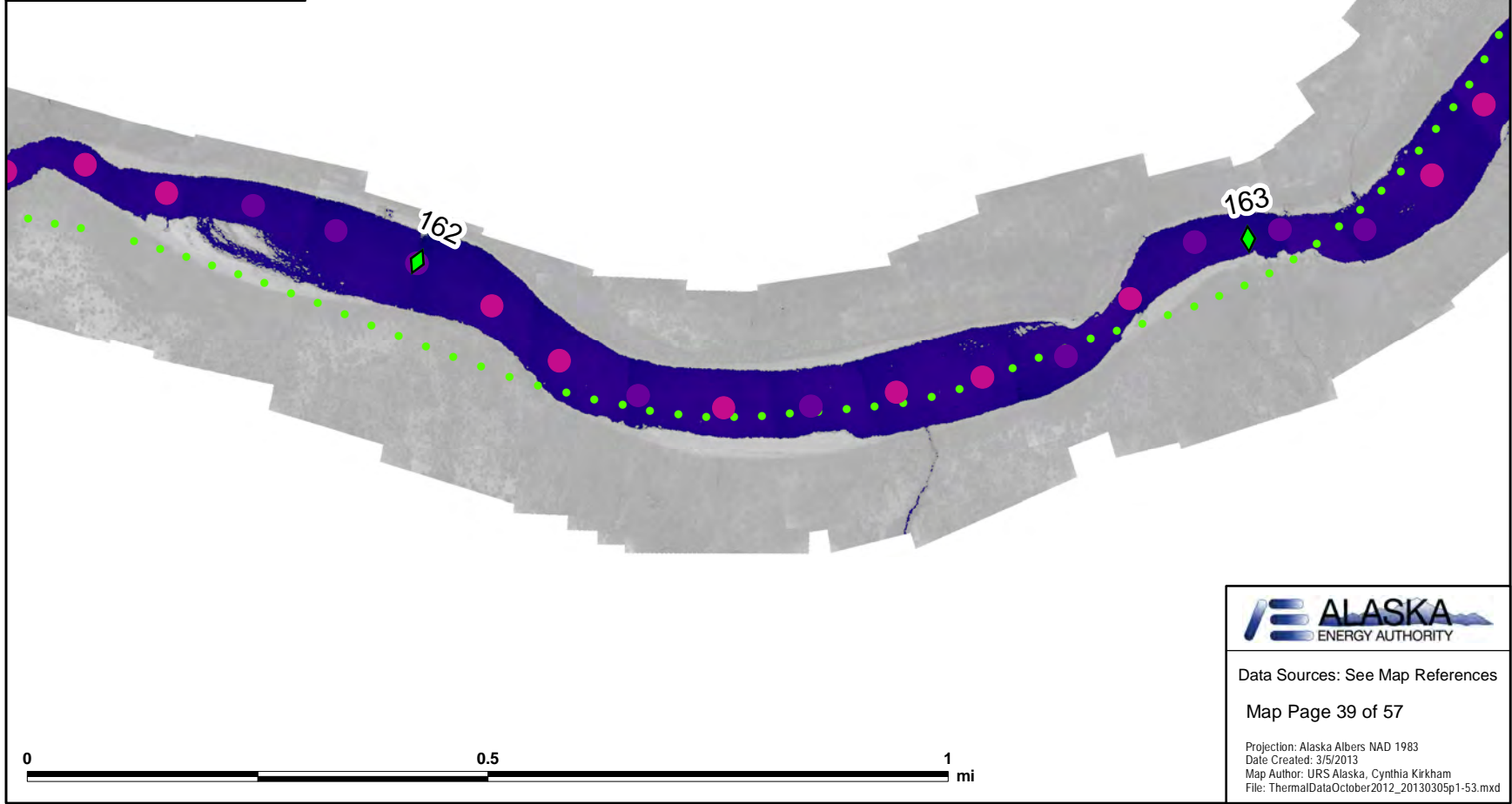
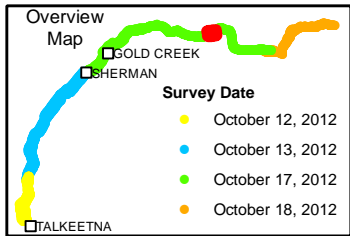
Data Sources: See Map References

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Projection: Alaska Albers NAD 1983
 Date Created: 3/5/2013
 Map Author: URS Alaska, Cynthia Kirkham
 File: ThermalDataOctober2012_20130305p1-53.mxd

Flightlines (Color Coded by Survey Date)	Sampled Centerline Points (Kelvin)	Sampled Inflow Points (Kelvin)
● October 12, 2012	● 271.7 - 272.1	● 271.7 - 272.1
● October 13, 2012	● 272.2 - 272.6	● 272.2 - 272.6
● October 17, 2012	● 272.7 - 273.1	● 272.7 - 273.1
● October 18, 2012	● 273.2 - 273.6	● 273.2 - 273.6
□ Area of Increased Groundwater Activity	● 273.7 - 274.1	● 273.7 - 274.1
◆ River Mile Index (2013)	● 274.2 - 274.5	● 274.2 - 274.5





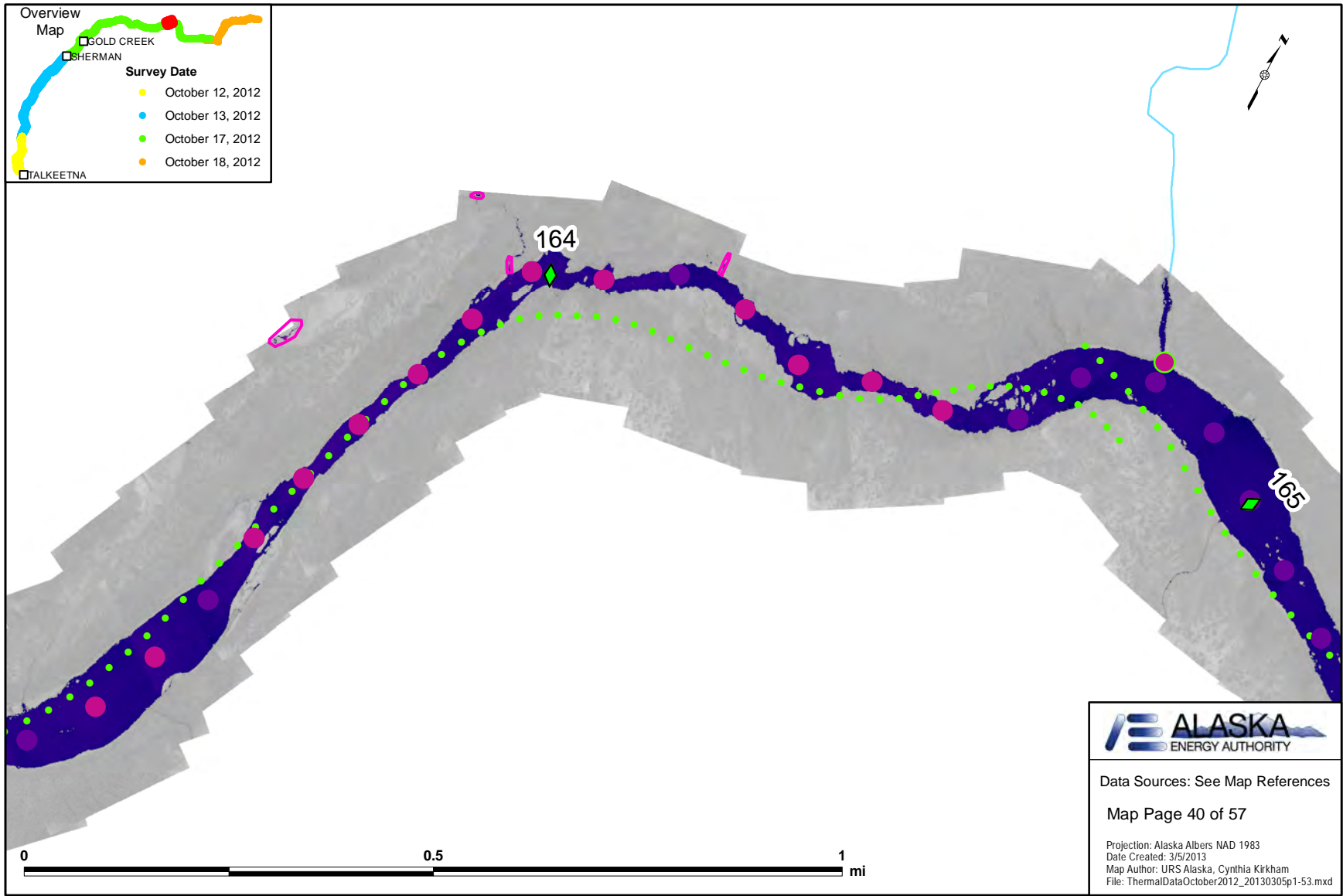
Data Sources: See Map References

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Projection: Alaska Albers NAD 1983
 Date Created: 3/5/2013
 Map Author: URS Alaska, Cynthia Kirkham
 File: ThermalDataOctober2012_20130305p1-53.mxd

Flightlines (Color Coded by Survey Date)	Sampled Centerline Points (Kelvin)	Sampled Inflow Points (Kelvin)
● October 12, 2012	● 271.7 - 272.1	● 271.7 - 272.1
● October 13, 2012	● 272.2 - 272.6	● 272.2 - 272.6
● October 17, 2012	● 272.7 - 273.1	● 272.7 - 273.1
● October 18, 2012	● 273.2 - 273.6	● 273.2 - 273.6
■ Area of Increased Groundwater Activity	● 273.7 - 274.1	● 273.7 - 274.1
◆ River Mile Index (2013)	● 274.2 - 274.5	● 274.2 - 274.5





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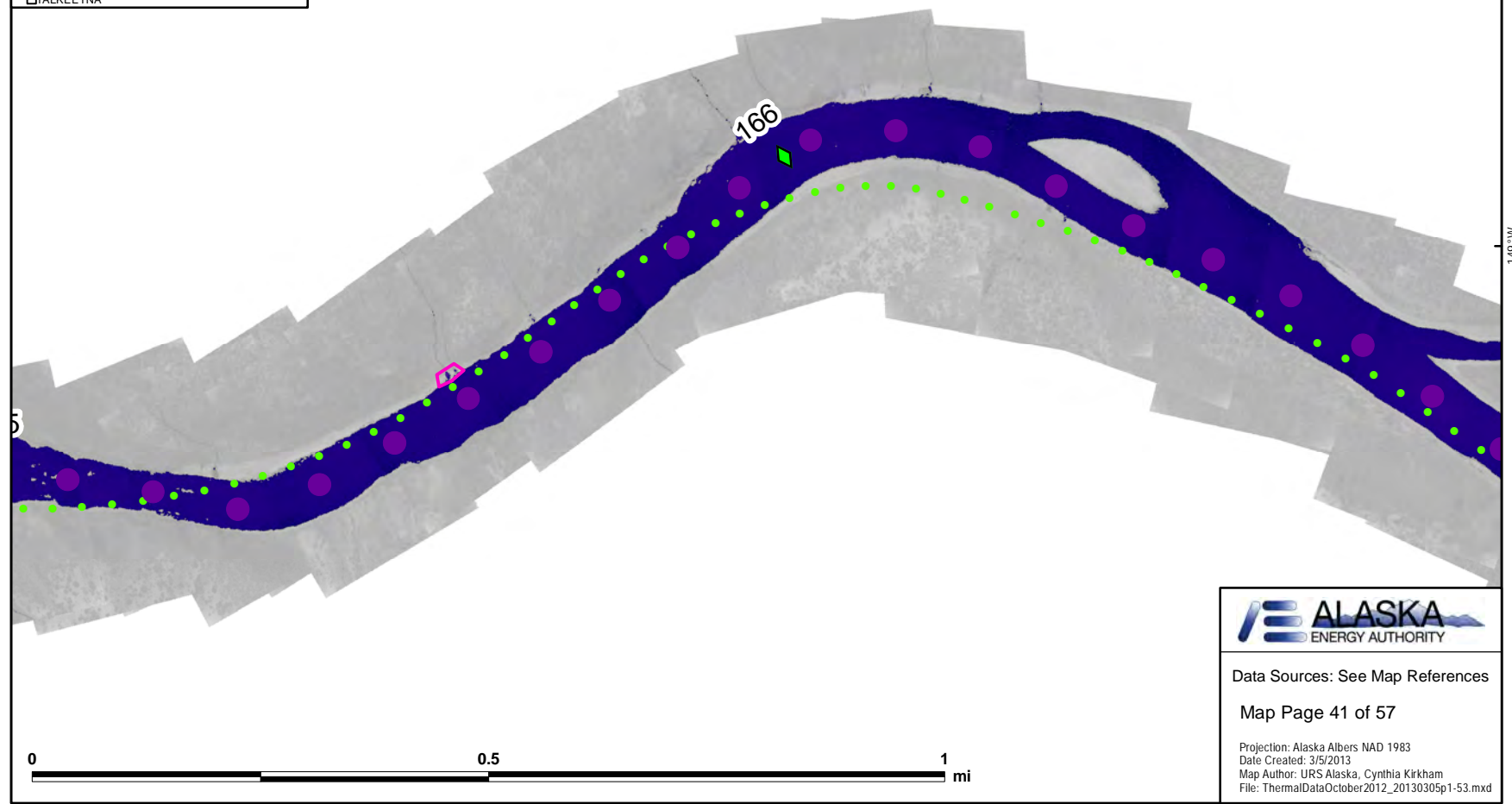
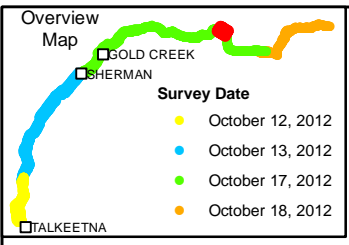
Data Sources: See Map References

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Projection: Alaska Albers NAD 1983
 Date Created: 3/5/2013
 Map Author: URS Alaska, Cynthia Kirkham
 File: ThermalDataOctober2012_20130305p1-53.mxd

Flightlines (Color Coded by Survey Date)	Sampled Centerline Points (Kelvin)	Sampled Inflow Points (Kelvin)
● October 12, 2012	● 271.7 - 272.1	● 271.7 - 272.1
● October 13, 2012	● 272.2 - 272.6	● 272.2 - 272.6
● October 17, 2012	● 272.7 - 273.1	● 272.7 - 273.1
● October 18, 2012	● 273.2 - 273.6	● 273.2 - 273.6
□ Area of Increased Groundwater Activity	● 273.7 - 274.1	● 273.7 - 274.1
◆ River Mile Index (2013)	● 274.2 - 274.5	● 274.2 - 274.5





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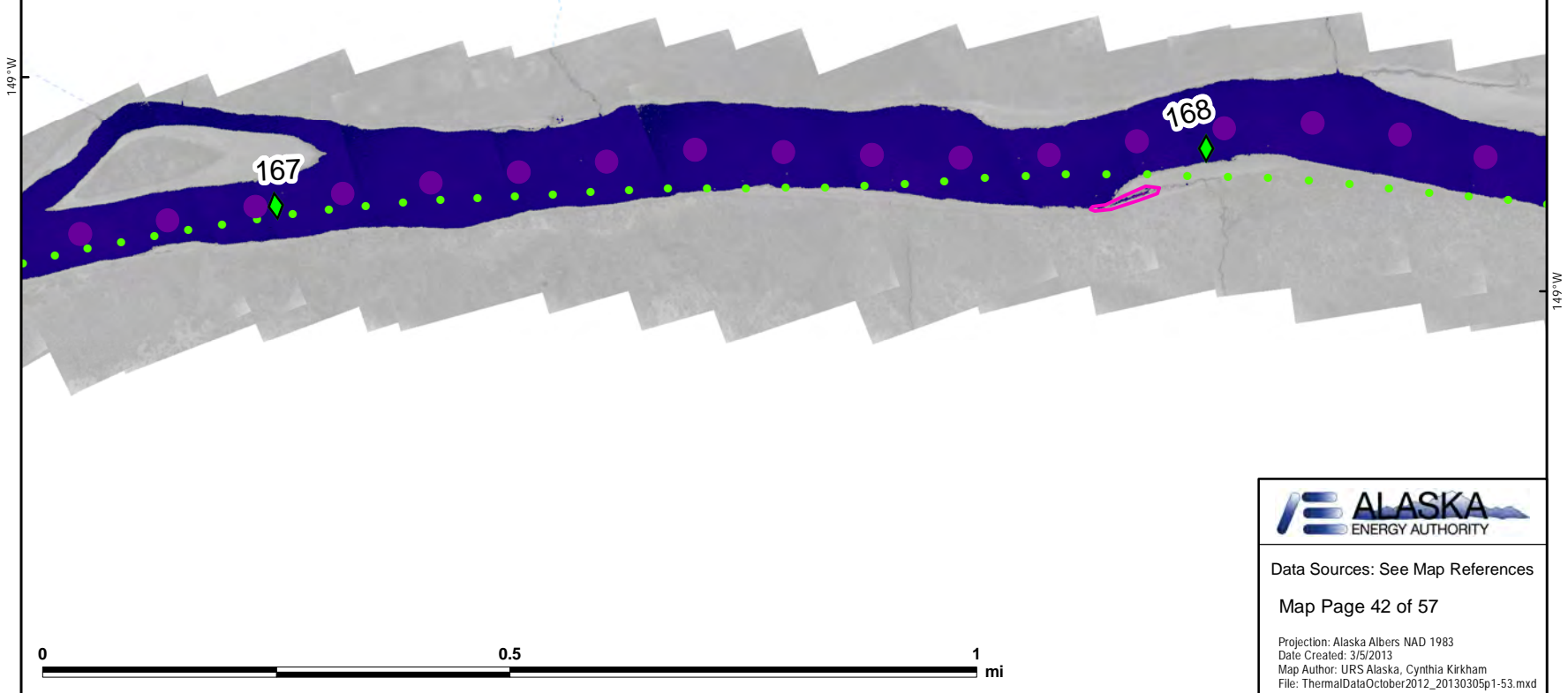
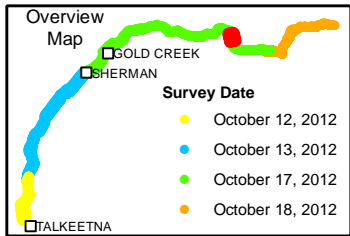
Data Sources: See Map References

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Projection: Alaska Albers NAD 1983
 Date Created: 3/5/2013
 Map Author: URS Alaska, Cynthia Kirkham
 File: ThermalDataOctober2012_20130305p1-53.mxd

Flightlines (Color Coded by Survey Date)	Sampled Centerline Points (Kelvin)	Sampled Inflow Points (Kelvin)
● October 12, 2012	● 271.7 - 272.1	● 271.7 - 272.1
● October 13, 2012	● 272.2 - 272.6	● 272.2 - 272.6
● October 17, 2012	● 272.7 - 273.1	● 272.7 - 273.1
● October 18, 2012	● 273.2 - 273.6	● 273.2 - 273.6
□ Area of Increased Groundwater Activity	● 273.7 - 274.1	● 273.7 - 274.1
◆ River Mile Index (2013)	● 274.2 - 274.5	● 274.2 - 274.5





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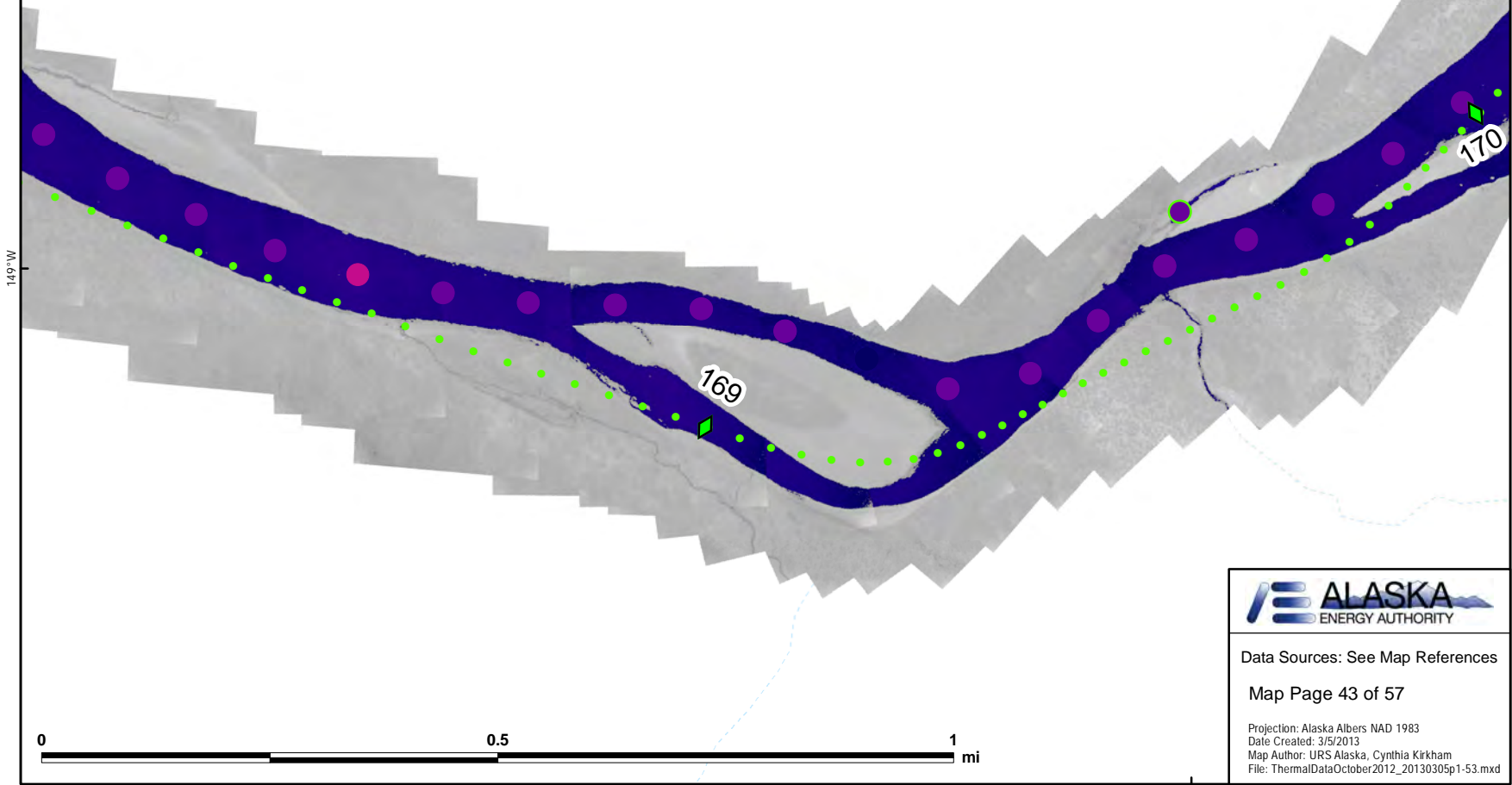
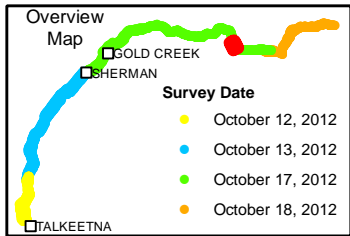
Data Sources: See Map References

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Projection: Alaska Albers NAD 1983
 Date Created: 3/5/2013
 Map Author: URS Alaska, Cynthia Kirkham
 File: ThermalDataOctober2012_20130305p1-53.mxd

Flightlines (Color Coded by Survey Date)	Sampled Centerline Points (Kelvin)	Sampled Inflow Points (Kelvin)
● October 12, 2012	● 271.7 - 272.1	● 271.7 - 272.1
● October 13, 2012	● 272.2 - 272.6	● 272.2 - 272.6
● October 17, 2012	● 272.7 - 273.1	● 272.7 - 273.1
● October 18, 2012	● 273.2 - 273.6	● 273.2 - 273.6
□ Area of Increased Groundwater Activity	● 273.7 - 274.1	● 273.7 - 274.1
◆ River Mile Index (2013)	● 274.2 - 274.5	● 274.2 - 274.5





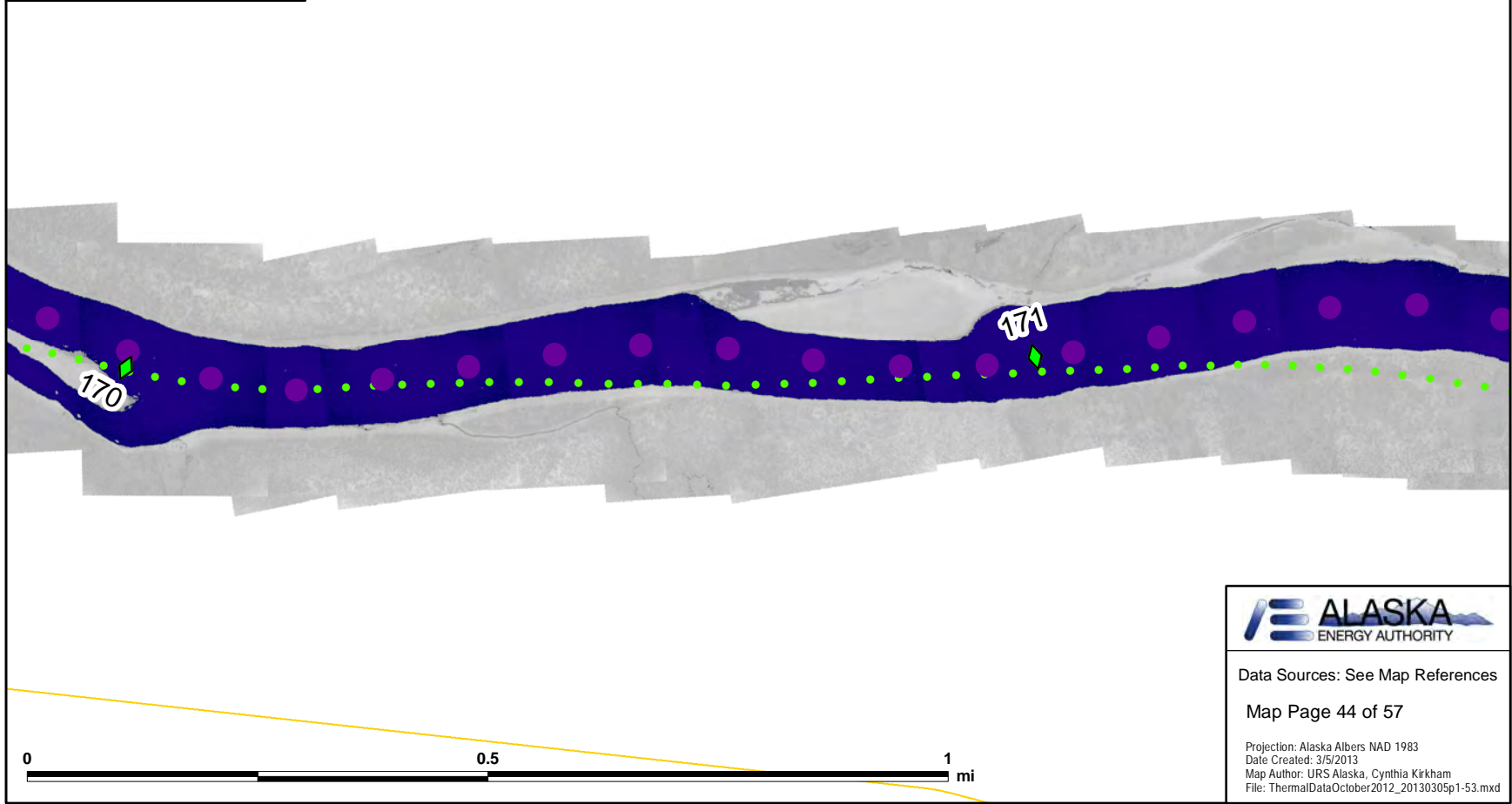
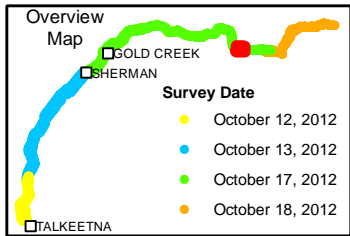
Data Sources: See Map References

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Projection: Alaska Albers NAD 1983
 Date Created: 3/5/2013
 Map Author: URS Alaska, Cynthia Kirkham
 File: ThermalDataOctober2012_20130305p1-53.mxd

Flightlines (Color Coded by Survey Date)	Sampled Centerline Points (Kelvin)	Sampled Inflow Points (Kelvin)
● October 12, 2012	● 271.7 - 272.1	● 271.7 - 272.1
● October 13, 2012	● 272.2 - 272.6	● 272.2 - 272.6
● October 17, 2012	● 272.7 - 273.1	● 272.7 - 273.1
● October 18, 2012	● 273.2 - 273.6	● 273.2 - 273.6
● 273.7 - 274.1	● 273.7 - 274.1	● 273.7 - 274.1
● 274.2 - 274.5	● 274.2 - 274.5	● 274.2 - 274.5
□ Area of Increased Groundwater Activity		
◆ River Mile Index (2013)		





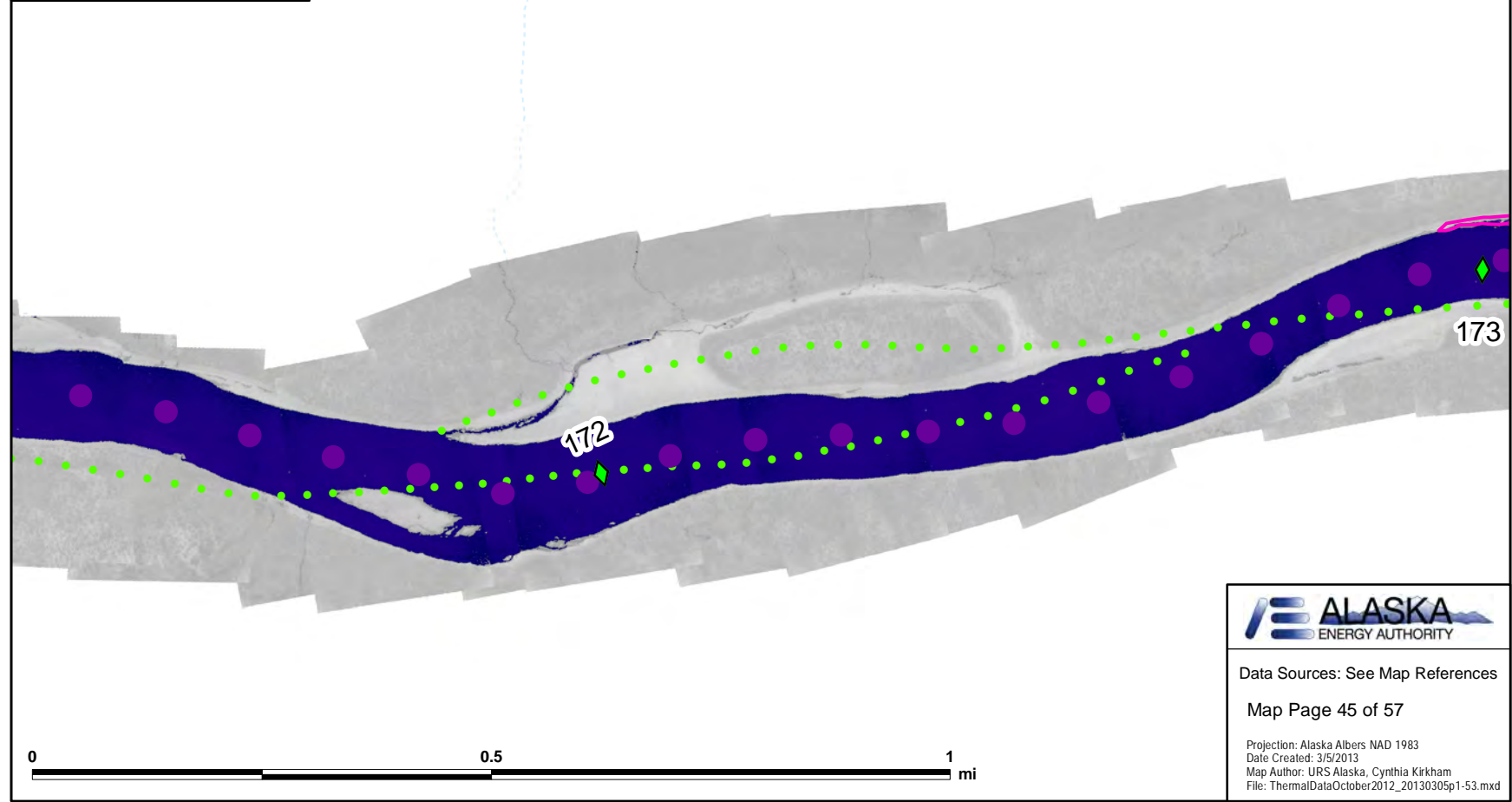
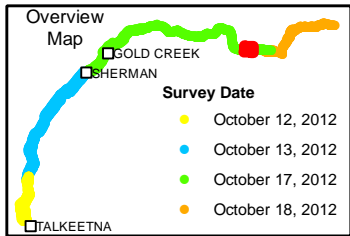
Data Sources: See Map References

Map Page 44 of 57

Projection: Alaska Albers NAD 1983
 Date Created: 3/5/2013
 Map Author: URS Alaska, Cynthia Kirkham
 File: ThermalDataOctober2012_20130305p1-53.mxd

Flightlines (Color Coded by Survey Date)	Sampled Centerline Points (Kelvin)	Sampled Inflow Points (Kelvin)
● October 12, 2012	● 271.7 - 272.1	● 271.7 - 272.1
● October 13, 2012	● 272.2 - 272.6	● 272.2 - 272.6
● October 17, 2012	● 272.7 - 273.1	● 272.7 - 273.1
● October 18, 2012	● 273.2 - 273.6	● 273.2 - 273.6
□ Area of Increased Groundwater Activity	● 273.7 - 274.1	● 273.7 - 274.1
◆ River Mile Index (2013)	● 274.2 - 274.5	● 274.2 - 274.5





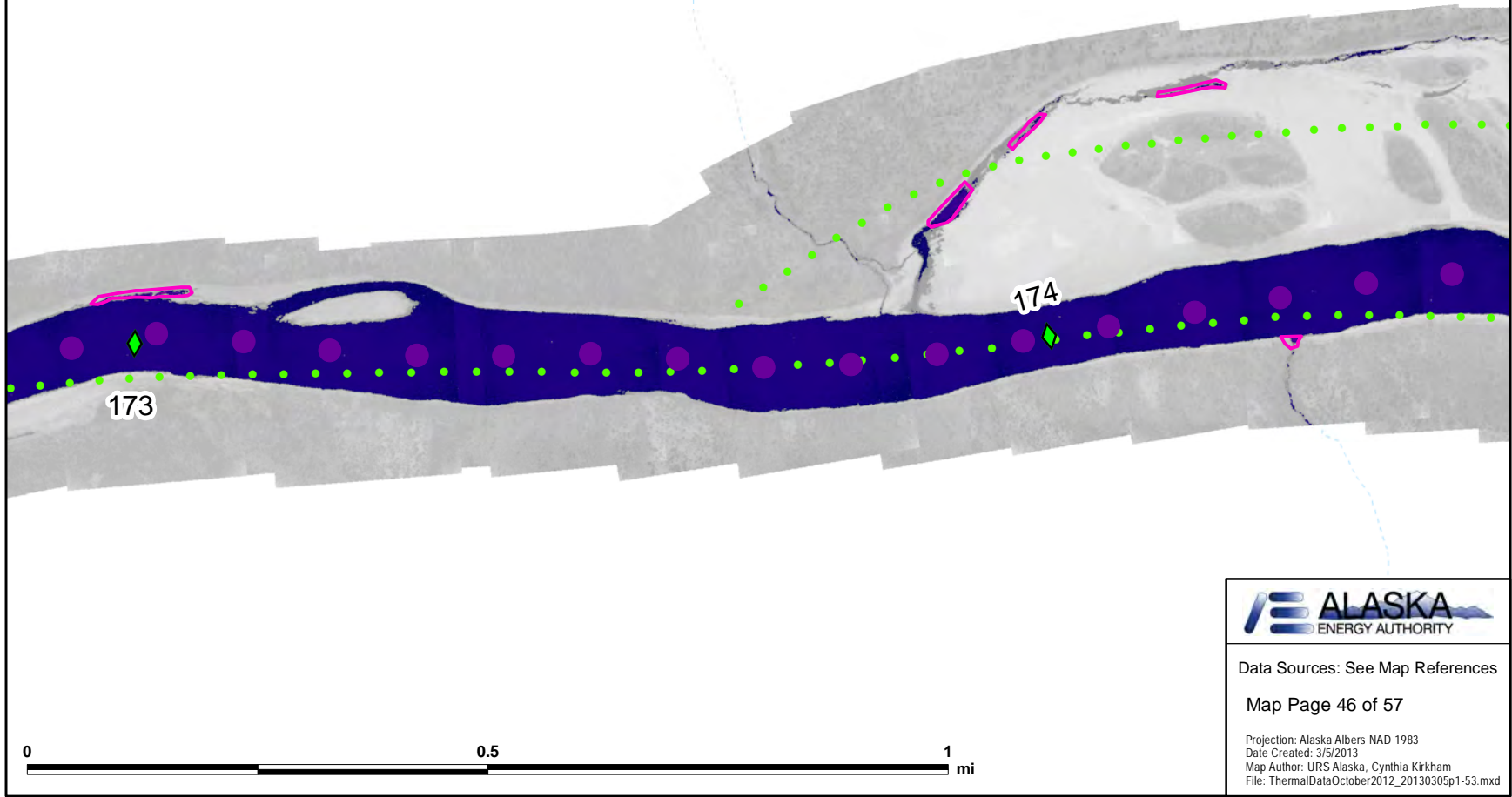
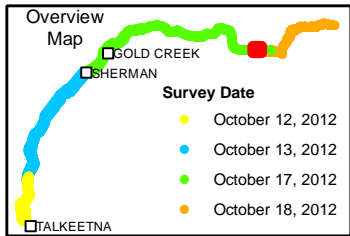
Data Sources: See Map References

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Projection: Alaska Albers NAD 1983
 Date Created: 3/5/2013
 Map Author: URS Alaska, Cynthia Kirkham
 File: ThermalDataOctober2012_20130305p1-53.mxd

Flightlines (Color Coded by Survey Date)	Sampled Centerline Points (Kelvin)	Sampled Inflow Points (Kelvin)
● October 12, 2012	● 271.7 - 272.1	● 271.7 - 272.1
● October 13, 2012	● 272.2 - 272.6	● 272.2 - 272.6
● October 17, 2012	● 272.7 - 273.1	● 272.7 - 273.1
● October 18, 2012	● 273.2 - 273.6	● 273.2 - 273.6
■ Area of Increased Groundwater Activity	● 273.7 - 274.1	● 273.7 - 274.1
◆ River Mile Index (2013)	● 274.2 - 274.5	● 274.2 - 274.5



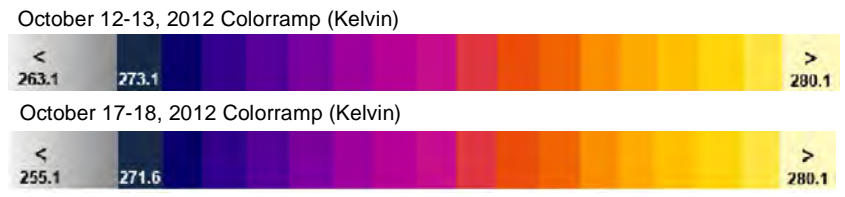


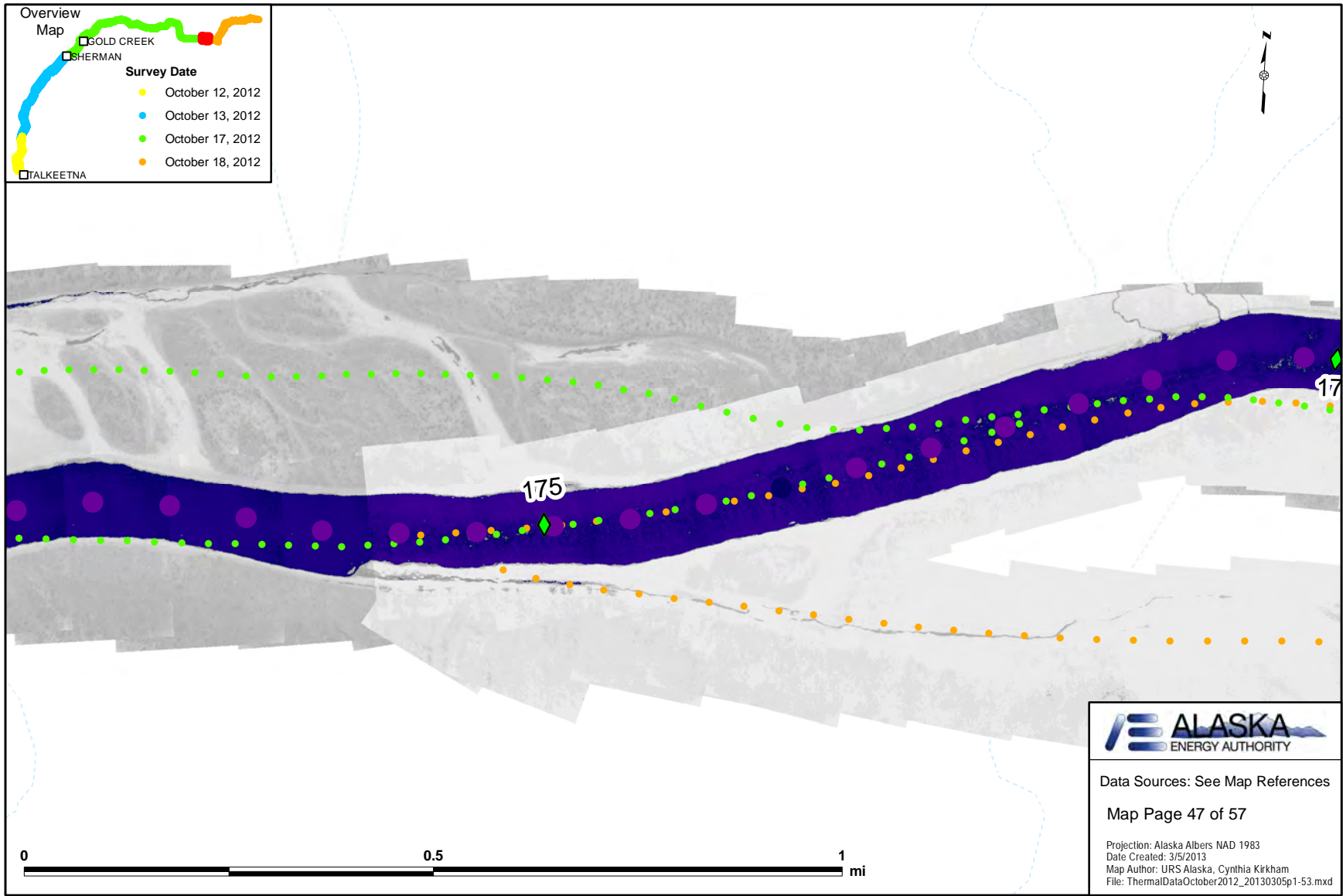
Data Sources: See Map References

Map Page 46 of 57

Projection: Alaska Albers NAD 1983
 Date Created: 3/5/2013
 Map Author: URS Alaska, Cynthia Kirkham
 File: ThermalDataOctober2012_20130305p1-53.mxd

Flightline (Color Coded by Survey Date)	Sampled Centerline Points (Kelvin)	Sampled Inflow Points (Kelvin)
● October 12, 2012	● 271.7 - 272.1	● 271.7 - 272.1
● October 13, 2012	● 272.2 - 272.6	● 272.2 - 272.6
● October 17, 2012	● 272.7 - 273.1	● 272.7 - 273.1
● October 18, 2012	● 273.2 - 273.6	● 273.2 - 273.6
● 273.7 - 274.1	● 273.7 - 274.1	● 273.7 - 274.1
● 274.2 - 274.5	● 274.2 - 274.5	● 274.2 - 274.5
□ Area of Increased Groundwater Activity		
◇ River Mile Index (2013)		





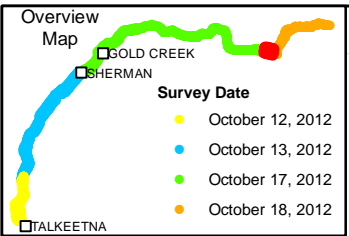
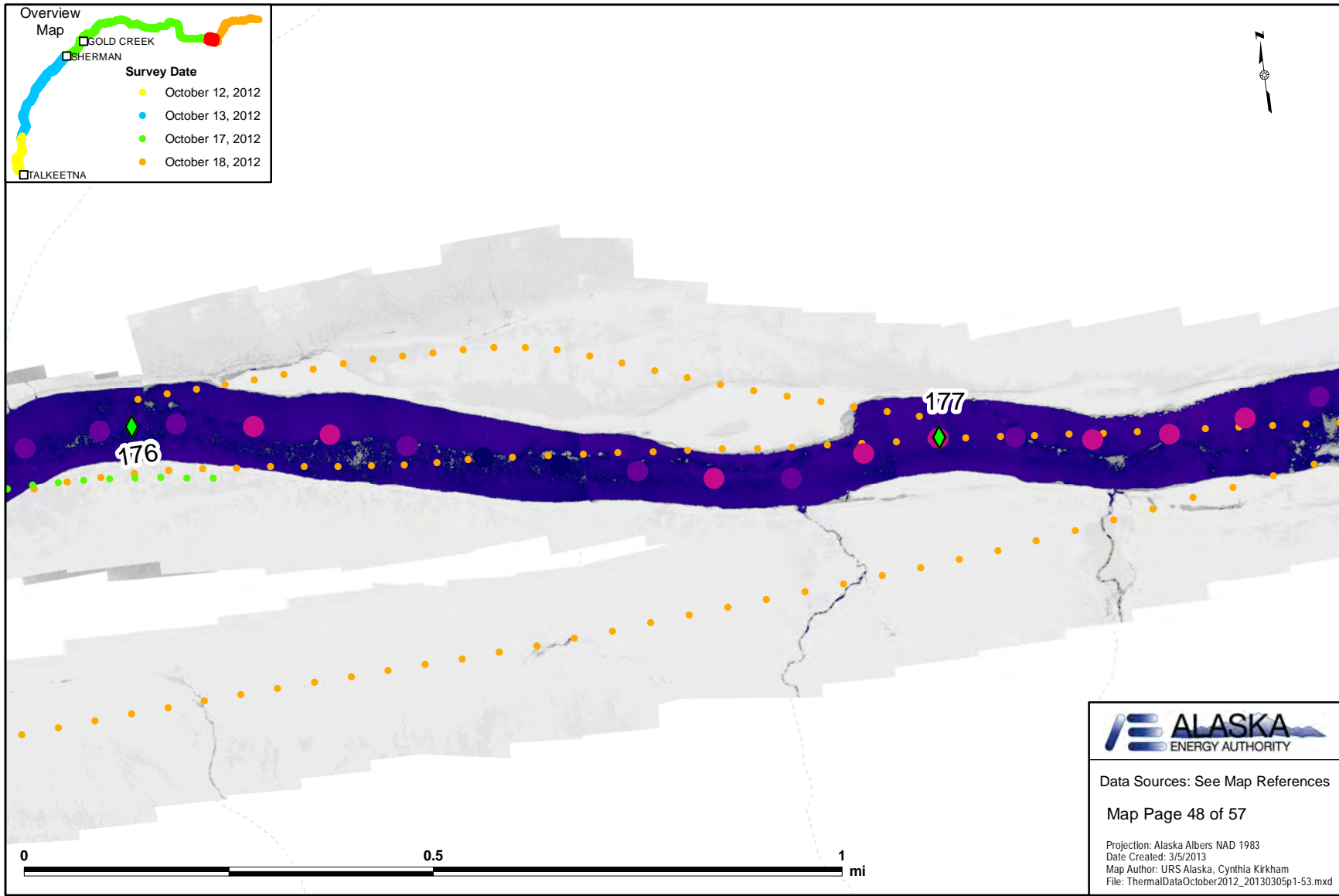
Flightlines (Color Coded by Survey Date)	Sampled Centerline Points (Kelvin)	Sampled Inflow Points (Kelvin)
● October 12, 2012	● 271.7 - 272.1	● 271.7 - 272.1
● October 13, 2012	● 272.2 - 272.6	● 272.2 - 272.6
● October 17, 2012	● 272.7 - 273.1	● 272.7 - 273.1
● October 18, 2012	● 273.2 - 273.6	● 273.2 - 273.6
■ Area of Increased Groundwater Activity	● 273.7 - 274.1	● 273.7 - 274.1
◆ River Mile Index (2013)	● 274.2 - 274.5	● 274.2 - 274.5

October 12-13, 2012 Colarramp (Kelvin)



October 17-18, 2012 Colarramp (Kelvin)





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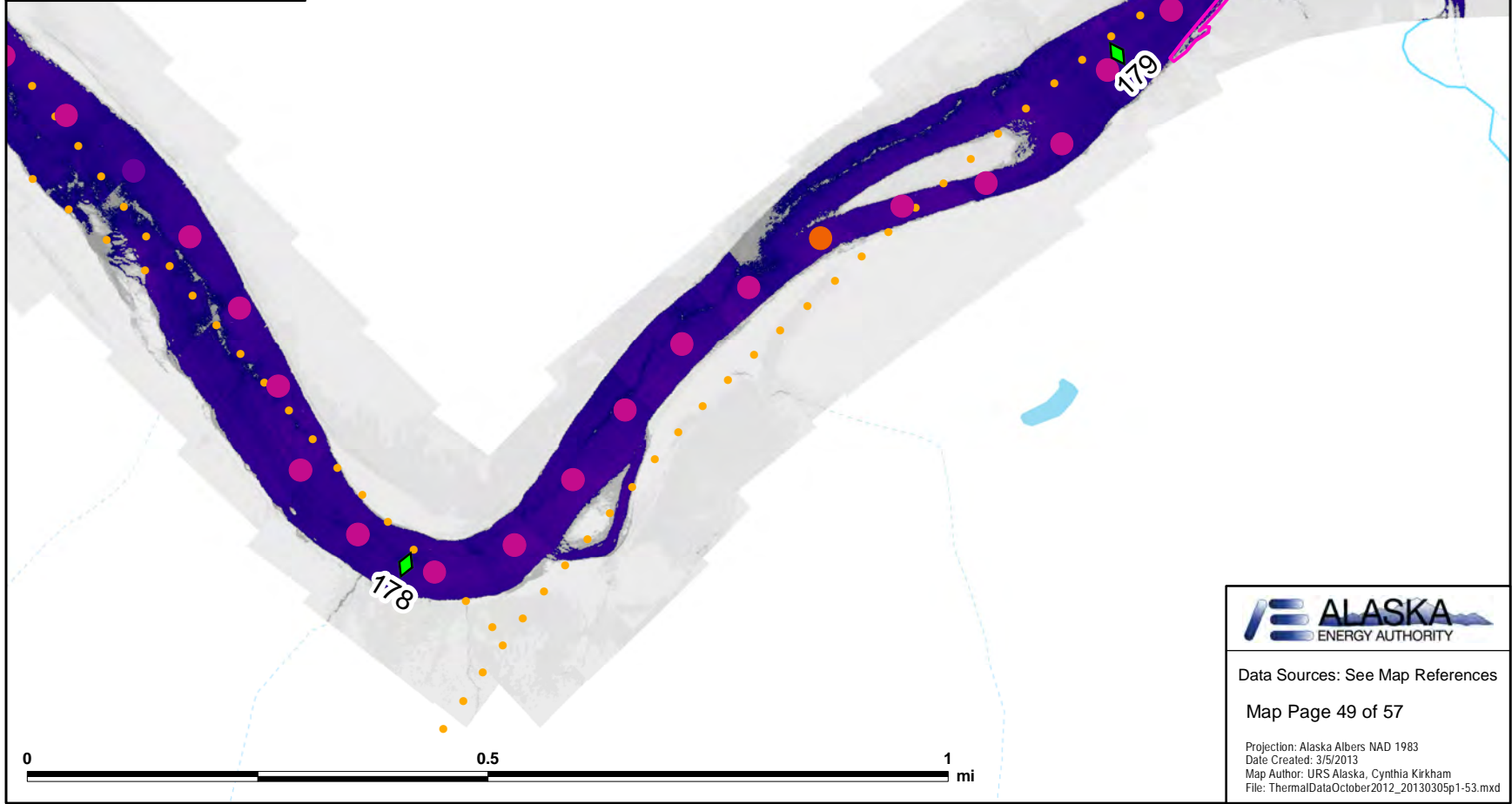
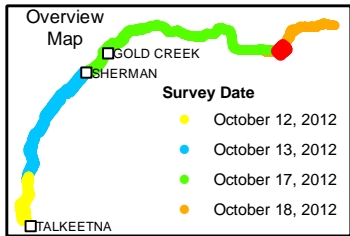
Data Sources: See Map References

Map Page 48 of 57

Projection: Alaska Albers NAD 1983
 Date Created: 3/5/2013
 Map Author: URS Alaska, Cynthia Kirkham
 File: ThermalDataOctober2012_20130305p1-53.mxd

Flightlines (Color Coded by Survey Date)	Sampled Centerline Points (Kelvin)	Sampled Inflow Points (Kelvin)
● October 12, 2012	● 271.7 - 272.1	● 271.7 - 272.1
● October 13, 2012	● 272.2 - 272.6	● 272.2 - 272.6
● October 17, 2012	● 272.7 - 273.1	● 272.7 - 273.1
● October 18, 2012	● 273.2 - 273.6	● 273.2 - 273.6
● 273.7 - 274.1	● 273.7 - 274.1	● 273.7 - 274.1
● 274.2 - 274.5	● 274.2 - 274.5	● 274.2 - 274.5
□ Area of Increased Groundwater Activity		
◇ River Mile Index (2013)		





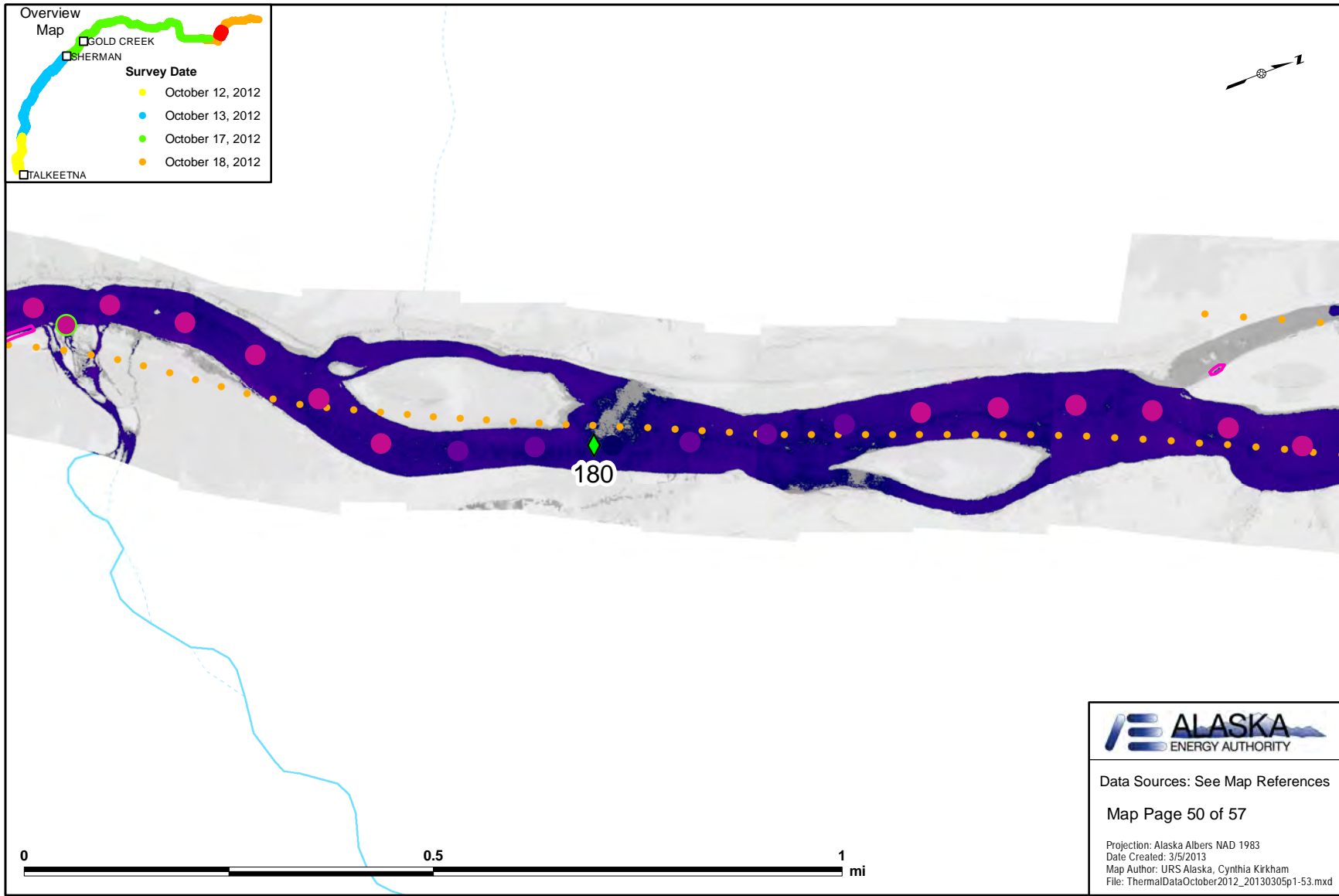
Data Sources: See Map References

Map Page 49 of 57

Projection: Alaska Albers NAD 1983
 Date Created: 3/5/2013
 Map Author: URS Alaska, Cynthia Kirkham
 File: ThermalDataOctober2012_20130305p1-53.mxd

Flightlines (Color Coded by Survey Date)	Sampled Centerline Points (Kelvin)	Sampled Inflow Points (Kelvin)
● October 12, 2012	● 271.7 - 272.1	● 271.7 - 272.1
● October 13, 2012	● 272.2 - 272.6	● 272.2 - 272.6
● October 17, 2012	● 272.7 - 273.1	● 272.7 - 273.1
● October 18, 2012	● 273.2 - 273.6	● 273.2 - 273.6
■ Area of Increased Groundwater Activity	● 273.7 - 274.1	● 273.7 - 274.1
◆ River Mile Index (2013)	● 274.2 - 274.5	● 274.2 - 274.5





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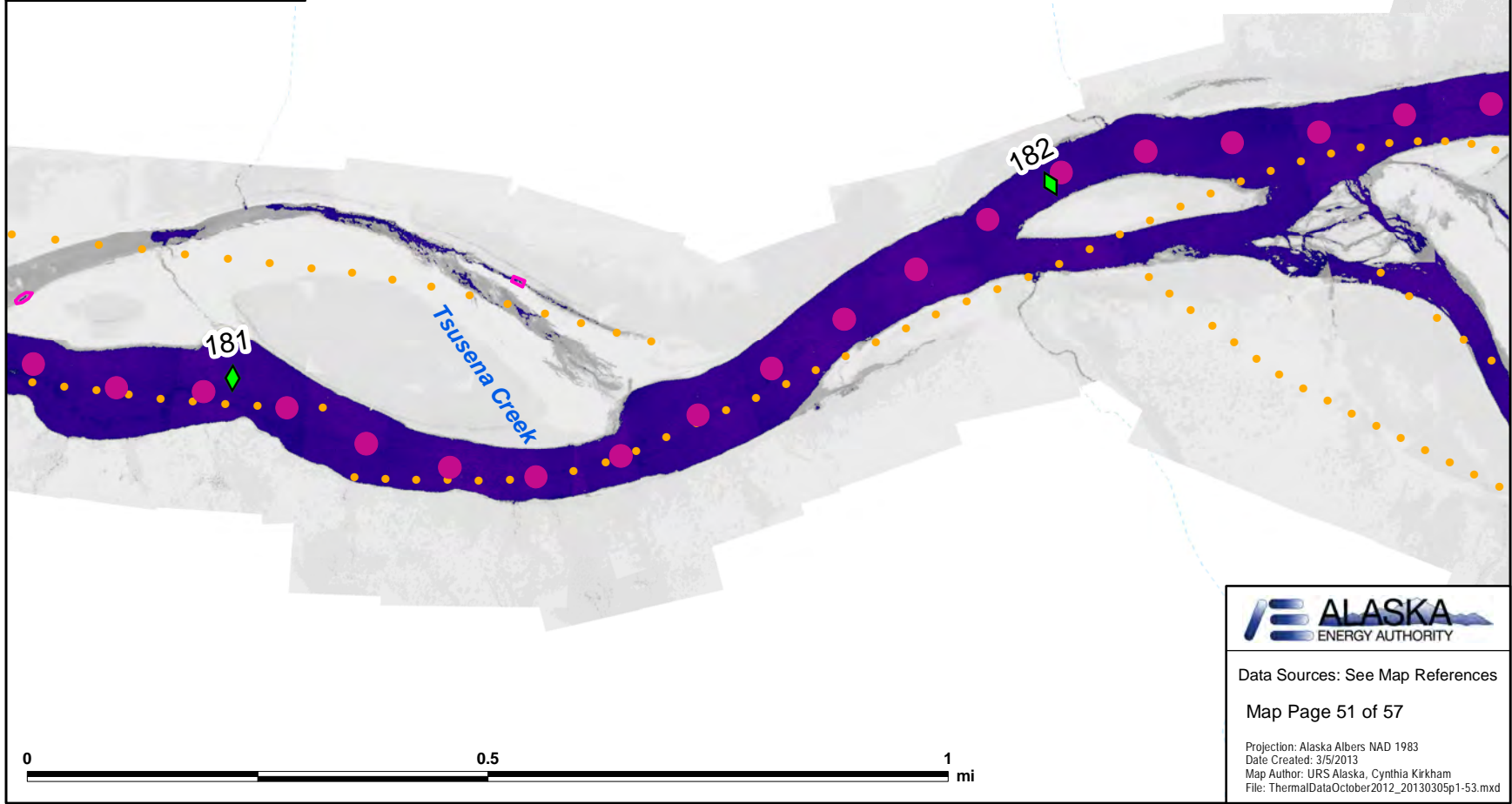
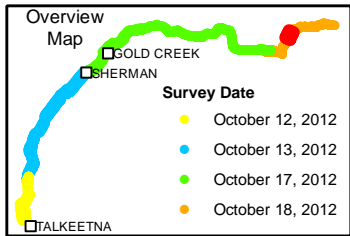
Data Sources: See Map References

Map Page 50 of 57

Projection: Alaska Albers NAD 1983
 Date Created: 3/5/2013
 Map Author: URS Alaska, Cynthia Kirkham
 File: ThermalDataOctober2012_20130305p1-53.mxd

Flightlines (Color Coded by Survey Date)	Sampled Centerline Points (Kelvin)	Sampled Inflow Points (Kelvin)
● October 12, 2012	● 271.7 - 272.1	● 271.7 - 272.1
● October 13, 2012	● 272.2 - 272.6	● 272.2 - 272.6
● October 17, 2012	● 272.7 - 273.1	● 272.7 - 273.1
● October 18, 2012	● 273.2 - 273.6	● 273.2 - 273.6
● 273.7 - 274.1	● 273.7 - 274.1	● 273.7 - 274.1
● 274.2 - 274.5	● 274.2 - 274.5	● 274.2 - 274.5
□ Area of Increased Groundwater Activity		
◆ River Mile Index (2013)		





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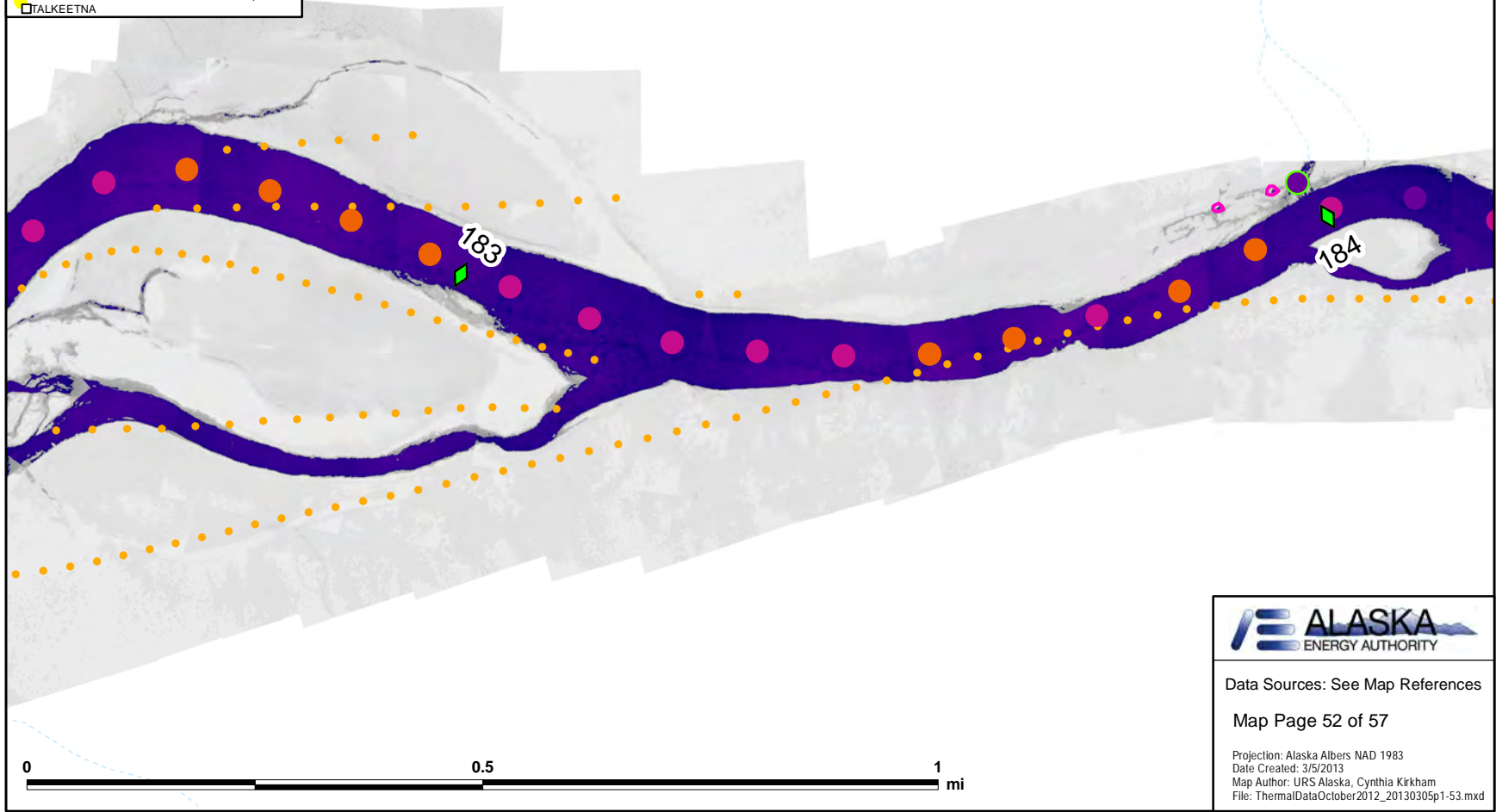
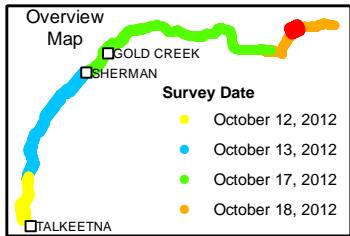
Data Sources: See Map References

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Projection: Alaska Albers NAD 1983
 Date Created: 3/5/2013
 Map Author: URS Alaska, Cynthia Kirkham
 File: ThermalDataOctober2012_20130305p1-53.mxd

Flightlines (Color Coded by Survey Date)	Sampled Centerline Points (Kelvin)	Sampled Inflow Points (Kelvin)
● October 12, 2012	● 271.7 - 272.1	● 271.7 - 272.1
● October 13, 2012	● 272.2 - 272.6	● 272.2 - 272.6
● October 17, 2012	● 272.7 - 273.1	● 272.7 - 273.1
● October 18, 2012	● 273.2 - 273.6	● 273.2 - 273.6
■ Area of Increased Groundwater Activity	● 273.7 - 274.1	● 273.7 - 274.1
◆ River Mile Index (2013)	● 274.2 - 274.5	● 274.2 - 274.5





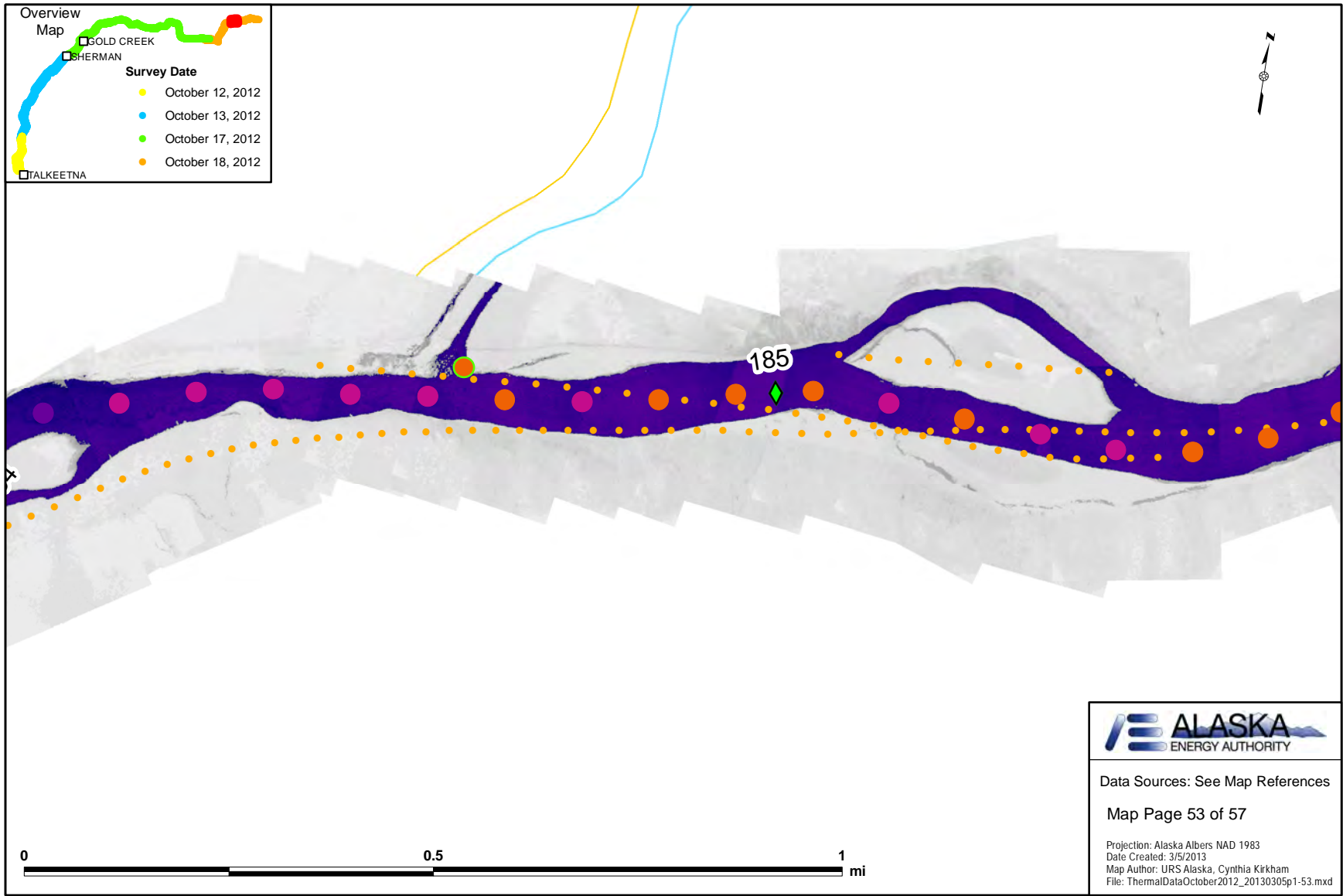
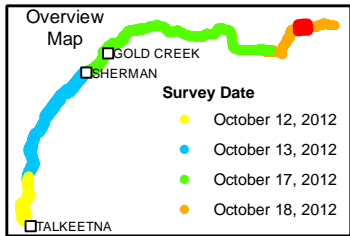
Data Sources: See Map References

Map Page 52 of 57

Projection: Alaska Albers NAD 1983
 Date Created: 3/5/2013
 Map Author: URS Alaska, Cynthia Kirkham
 File: ThermalDataOctober2012_20130305p1-53.mxd

Flightlines (Color Coded by Survey Date)	Sampled Centerline Points (Kelvin)	Sampled Inflow Points (Kelvin)
● October 12, 2012	● 271.7 - 272.1	● 271.7 - 272.1
● October 13, 2012	● 272.2 - 272.6	● 272.2 - 272.6
● October 17, 2012	● 272.7 - 273.1	● 272.7 - 273.1
● October 18, 2012	● 273.2 - 273.6	● 273.2 - 273.6
● 273.7 - 274.1	● 273.7 - 274.1	● 273.7 - 274.1
● 274.2 - 274.5	● 274.2 - 274.5	● 274.2 - 274.5
□ Area of Increased Groundwater Activity		
◇ River Mile Index (2013)		





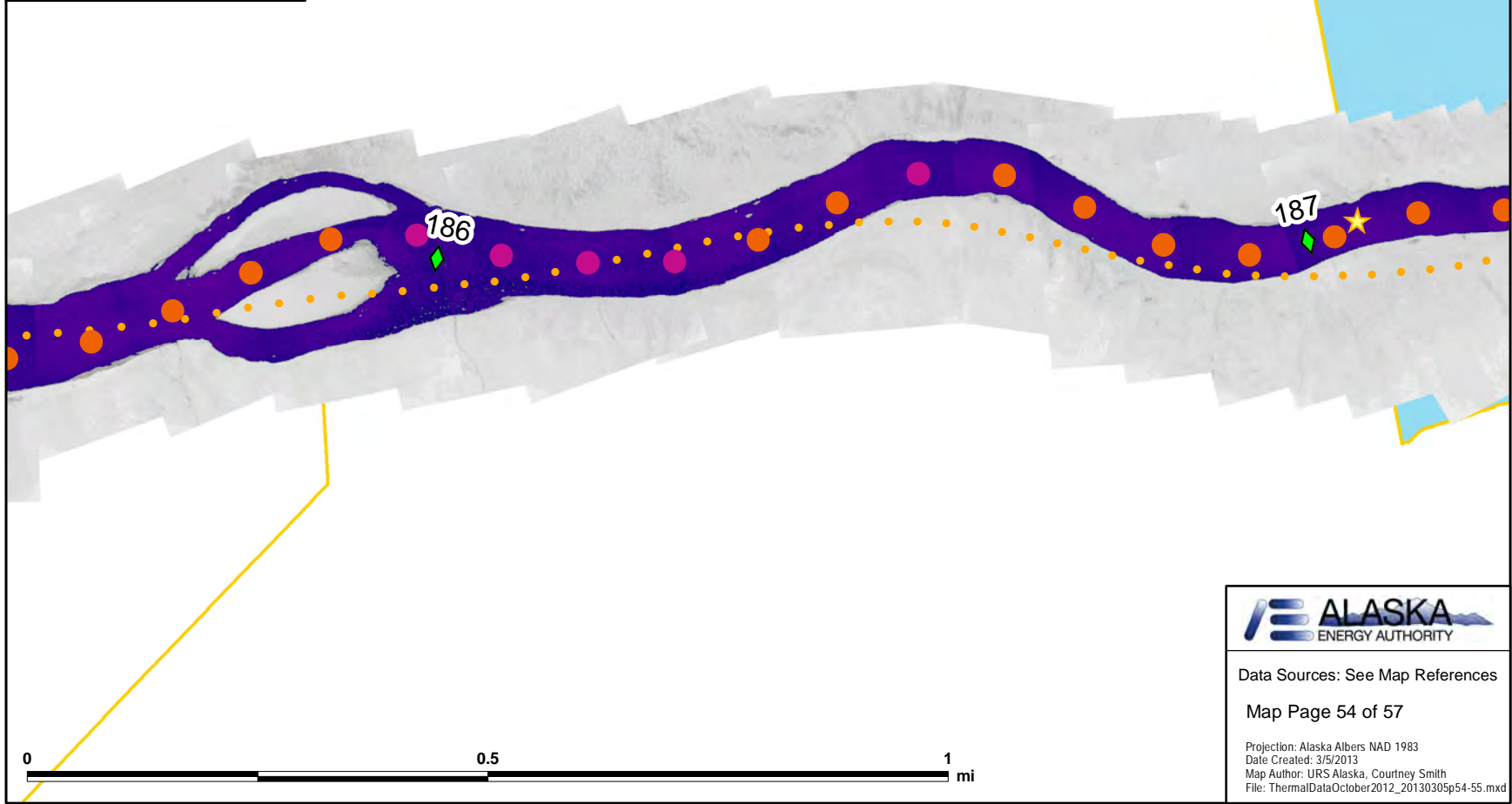
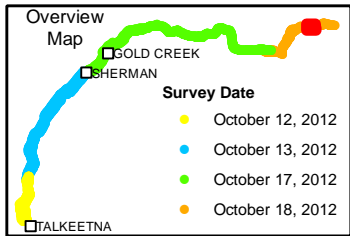
Data Sources: See Map References

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Projection: Alaska Albers NAD 1983
 Date Created: 3/5/2013
 Map Author: URS Alaska, Cynthia Kirkham
 File: ThermalDataOctober2012_20130305p1-53.mxd

Flightlines (Color Coded by Survey Date)	Sampled Centerline Points (Kelvin)	Sampled Inflow Points (Kelvin)
● October 12, 2012	● 271.7 - 272.1	● 271.7 - 272.1
● October 13, 2012	● 272.2 - 272.6	● 272.2 - 272.6
● October 17, 2012	● 272.7 - 273.1	● 272.7 - 273.1
● October 18, 2012	● 273.2 - 273.6	● 273.2 - 273.6
● 273.7 - 274.1	● 273.7 - 274.1	● 273.7 - 274.1
● 274.2 - 274.5	● 274.2 - 274.5	● 274.2 - 274.5
□ Area of Increased Groundwater Activity		
◇ River Mile Index (2013)		





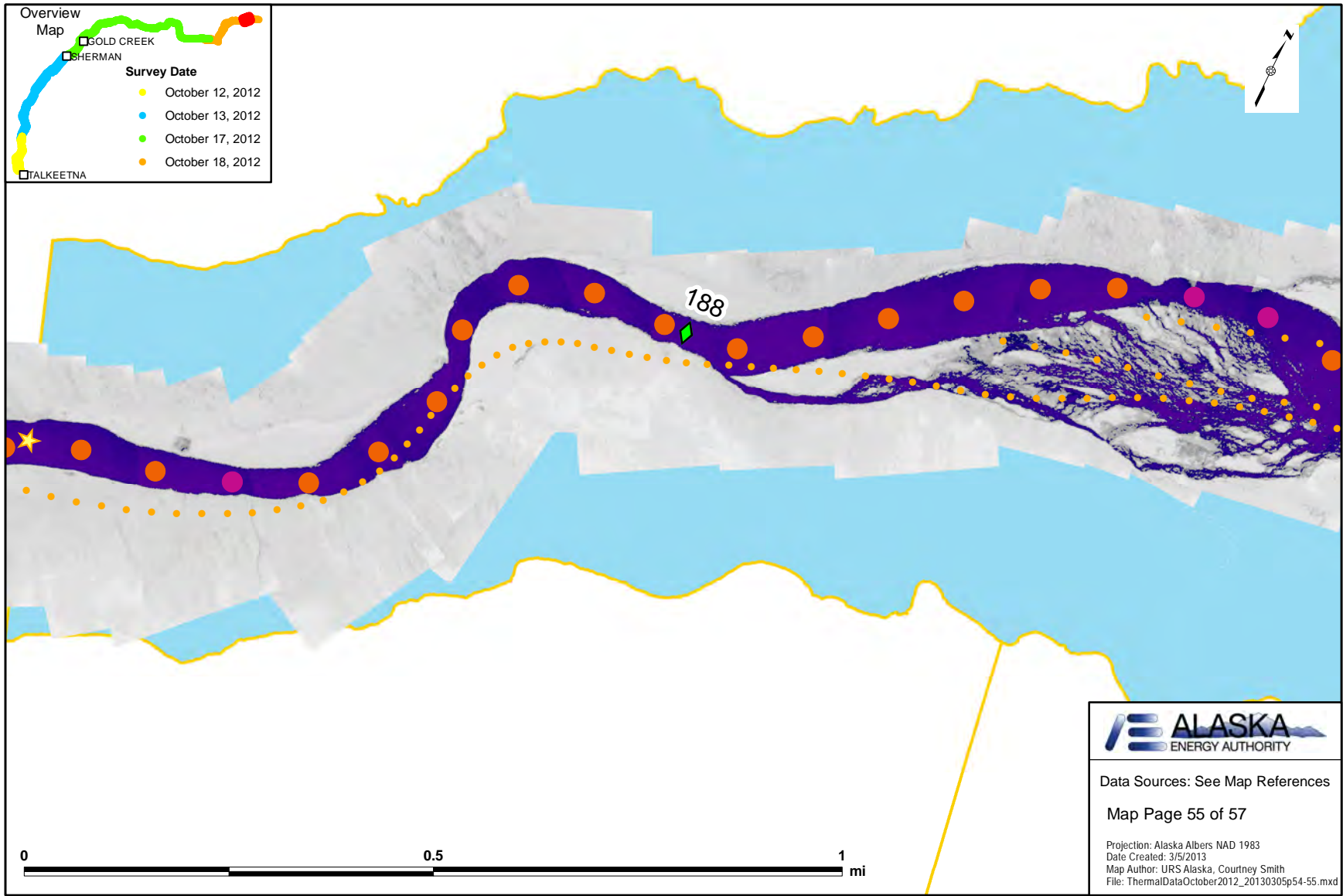
Data Sources: See Map References

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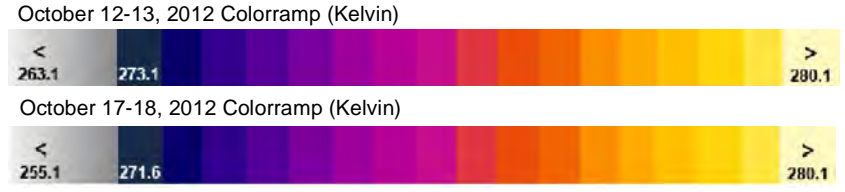
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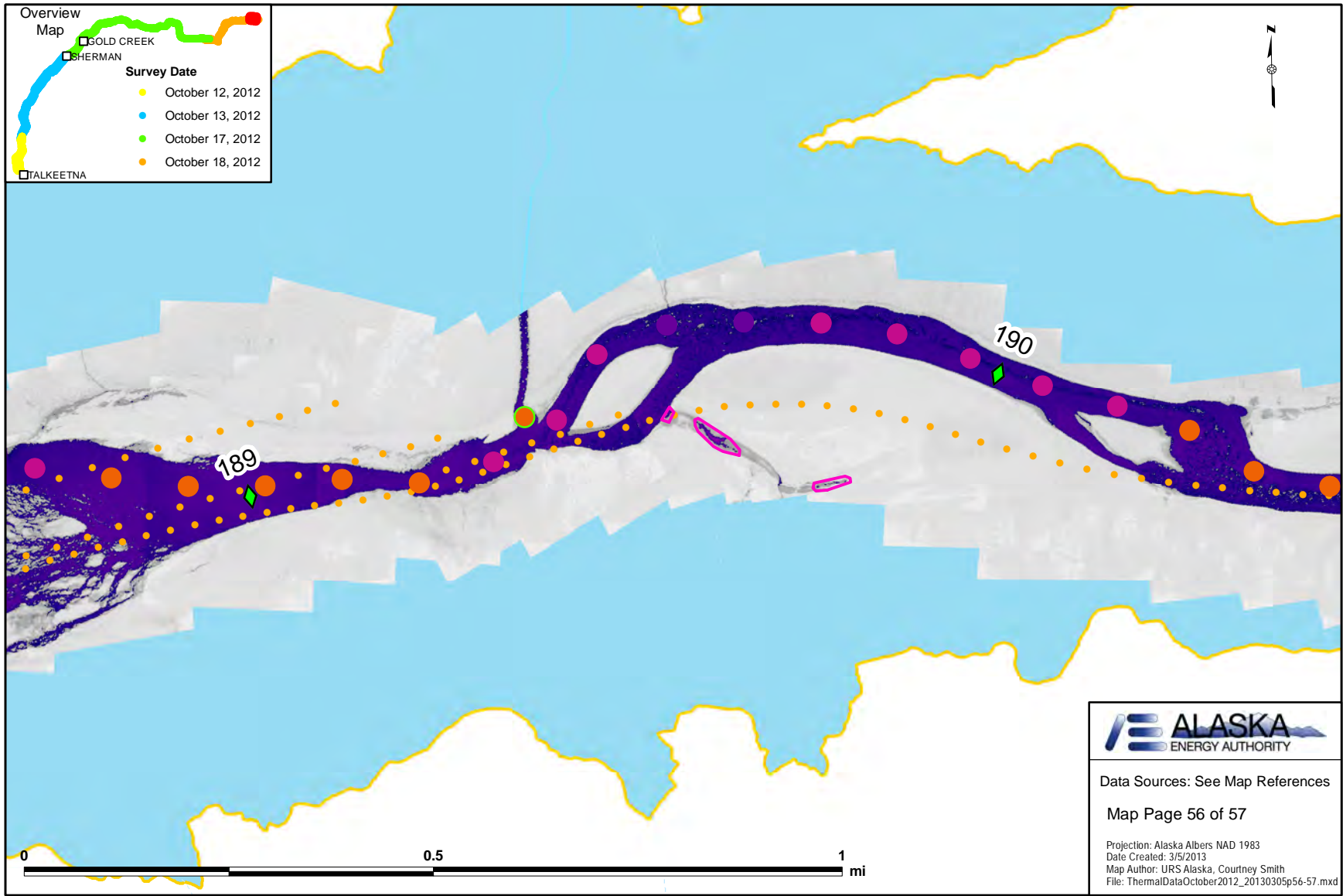
Flightlines (Color Coded by Survey Date)	Sampled Centerline Points (Kelvin)	Sampled Inflow Points (Kelvin)
● October 12, 2012	● 271.7 - 272.1	● 271.7 - 272.1
● October 13, 2012	● 272.2 - 272.6	● 272.2 - 272.6
● October 17, 2012	● 272.7 - 273.1	● 272.7 - 273.1
● October 18, 2012	● 273.2 - 273.6	● 273.2 - 273.6
● 273.7 - 274.1	● 273.7 - 274.1	● 273.7 - 274.1
● 274.2 - 274.5	● 274.2 - 274.5	● 274.2 - 274.5
□ Area of Increased Groundwater Activity		
◆ River Mile Index (2013)		
★ Proposed Watana Dam Site		
□ Preliminary Project Area		
☁ Proposed Watana Reservoir		





Flightlines (Color Coded by Survey Date)	Sampled Centerline Points (Kelvin)	Sampled Inflow Points (Kelvin)
● October 12, 2012	● 271.7 - 272.1	● 271.7 - 272.1
● October 13, 2012	● 272.2 - 272.6	● 272.2 - 272.6
● October 17, 2012	● 272.7 - 273.1	● 272.7 - 273.1
● October 18, 2012	● 273.2 - 273.6	● 273.2 - 273.6
● Area of Increased Groundwater Activity	● 273.7 - 274.1	● 273.7 - 274.1
◆ River Mile Index (2013)	● 274.2 - 274.5	○ 274.2 - 274.5
★ Proposed Watana Dam Site		
□ Preliminary Project Area		
☁ Proposed Watana Reservoir		





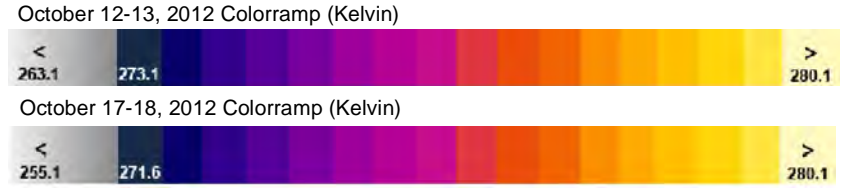
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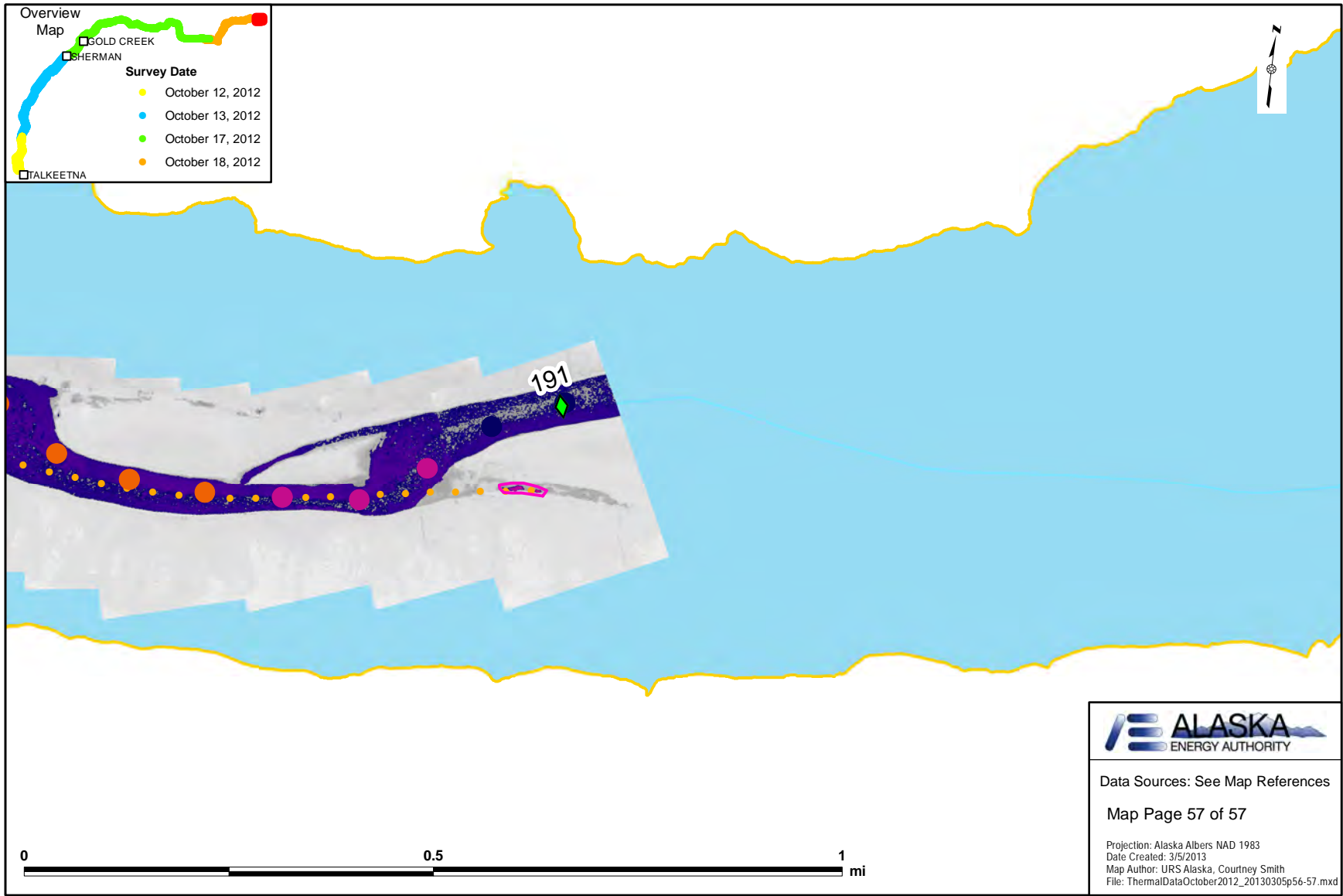
Data Sources: See Map References

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Projection: Alaska Albers NAD 1983
 Date Created: 3/5/2013
 Map Author: URS Alaska, Courtney Smith
 File: ThermalDataOctober2012_20130305p56-57.mxd

Flightlines (Color Coded by Survey Date)	Sampled Centerline Points (Kelvin)	Sampled Inflow Points (Kelvin)
● October 12, 2012	● 271.7 - 272.1	● 271.7 - 272.1
● October 13, 2012	● 272.2 - 272.6	● 272.2 - 272.6
● October 17, 2012	● 272.7 - 273.1	● 272.7 - 273.1
● October 18, 2012	● 273.2 - 273.6	● 273.2 - 273.6
● 273.7 - 274.1	● 273.7 - 274.1	● 273.7 - 274.1
● 274.2 - 274.5	● 274.2 - 274.5	● 274.2 - 274.5
□ Area of Increased Groundwater Activity		
◆ River Mile Index (2013)		
□ Preliminary Project Area		
☁ Proposed Watana Reservoir		





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Data Sources: See Map References

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Projection: Alaska Albers NAD 1983
 Date Created: 3/5/2013
 Map Author: URS Alaska, Courtney Smith
 File: ThermalDataOctober2012_20130305p56-57.mxd

Flightlines (Color Coded by Survey Date)	Sampled Centerline Points (Kelvin)	Sampled Inflow Points (Kelvin)
● October 12, 2012	● 271.7 - 272.1	● 271.7 - 272.1
● October 13, 2012	● 272.2 - 272.6	● 272.2 - 272.6
● October 17, 2012	● 272.7 - 273.1	● 272.7 - 273.1
● October 18, 2012	● 273.2 - 273.6	● 273.2 - 273.6
● Area of Increased Groundwater Activity	● 273.7 - 274.1	● 273.7 - 274.1
◆ River Mile Index (2013)	● 274.2 - 274.5	○ 274.2 - 274.5
□ Preliminary Project Area		
☁ Proposed Watana Reservoir		

