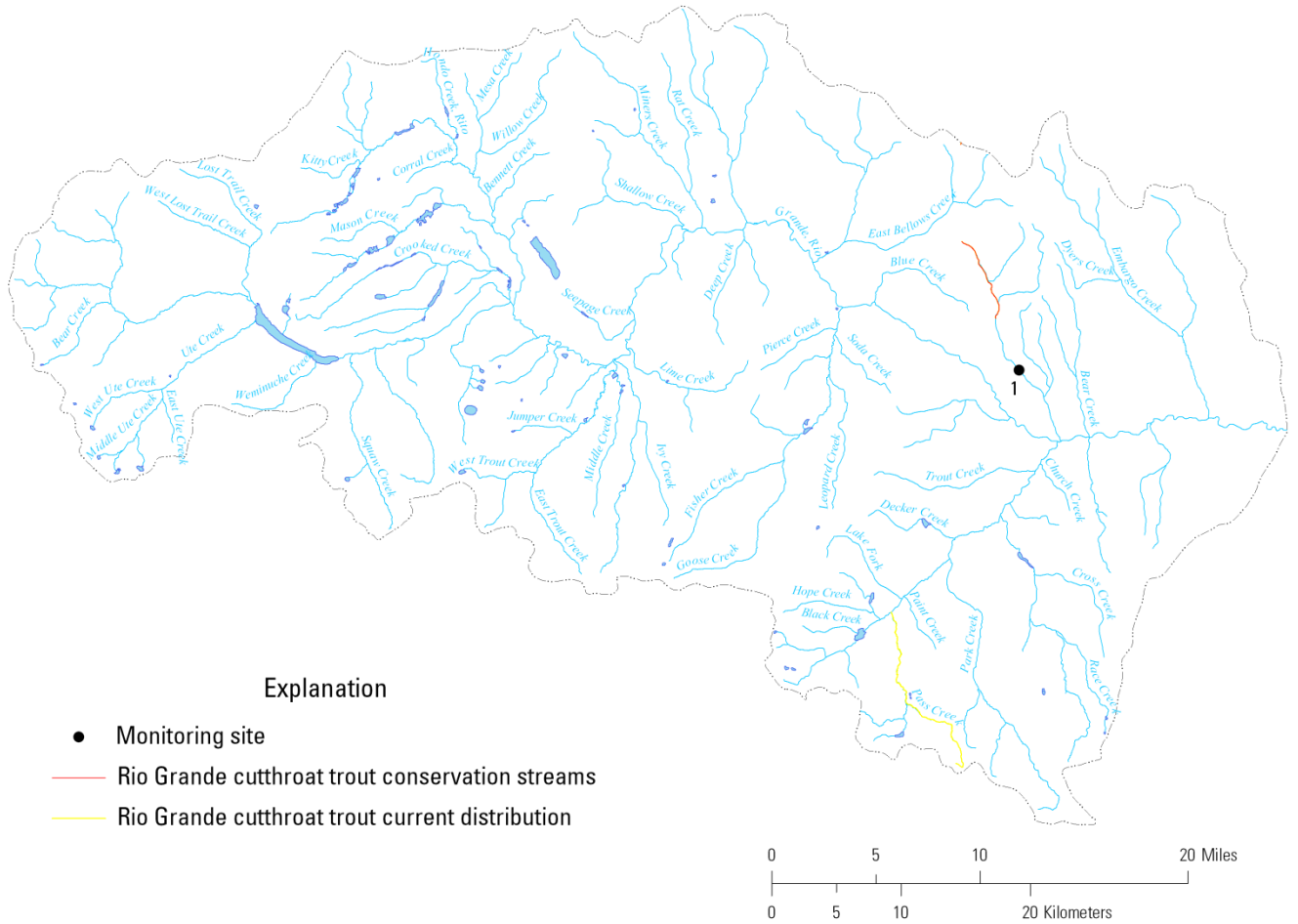


Rio Grande Headwaters



West Alder Creek

Site ID: 1

HUC: Rio Grande Headwaters

Deployed: 9/19/2010

Drainage Area: 5,018 ha

Site Elevation: 2654 m

RGCT Population ID: RGH1-02



Figure 1. Monitoring site on West Alder Creek.

Population Information

Genetic Status: Unaltered

Non-Natives: Brook trout

Barrier: Partial barrier present

Land Ownership:

USFS: 100.0%

State: 0.0%

Private: 0.0%

Other: 0.0%

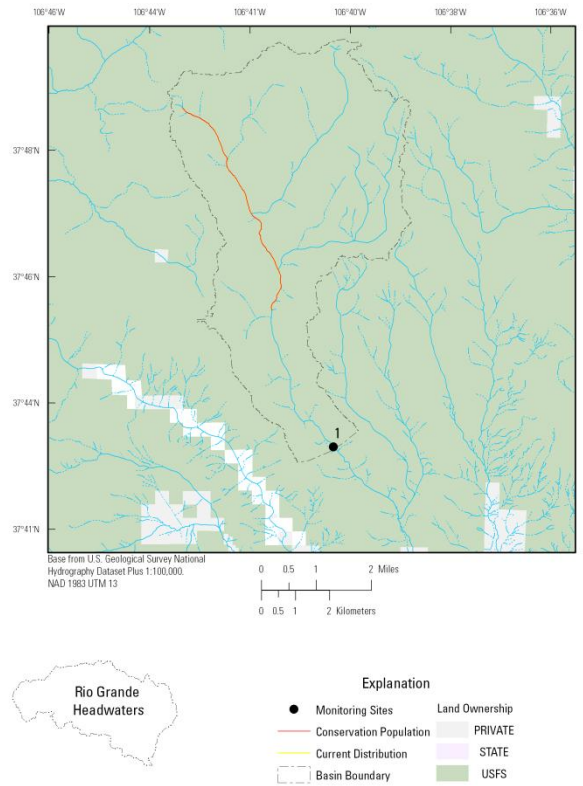


Figure 2. Location of monitoring site on West Alder Creek.

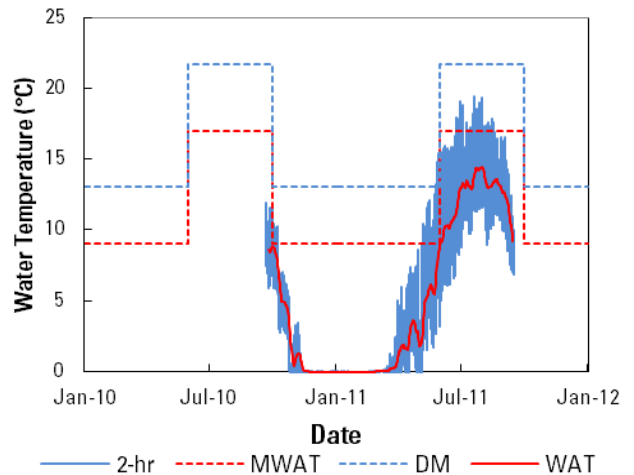


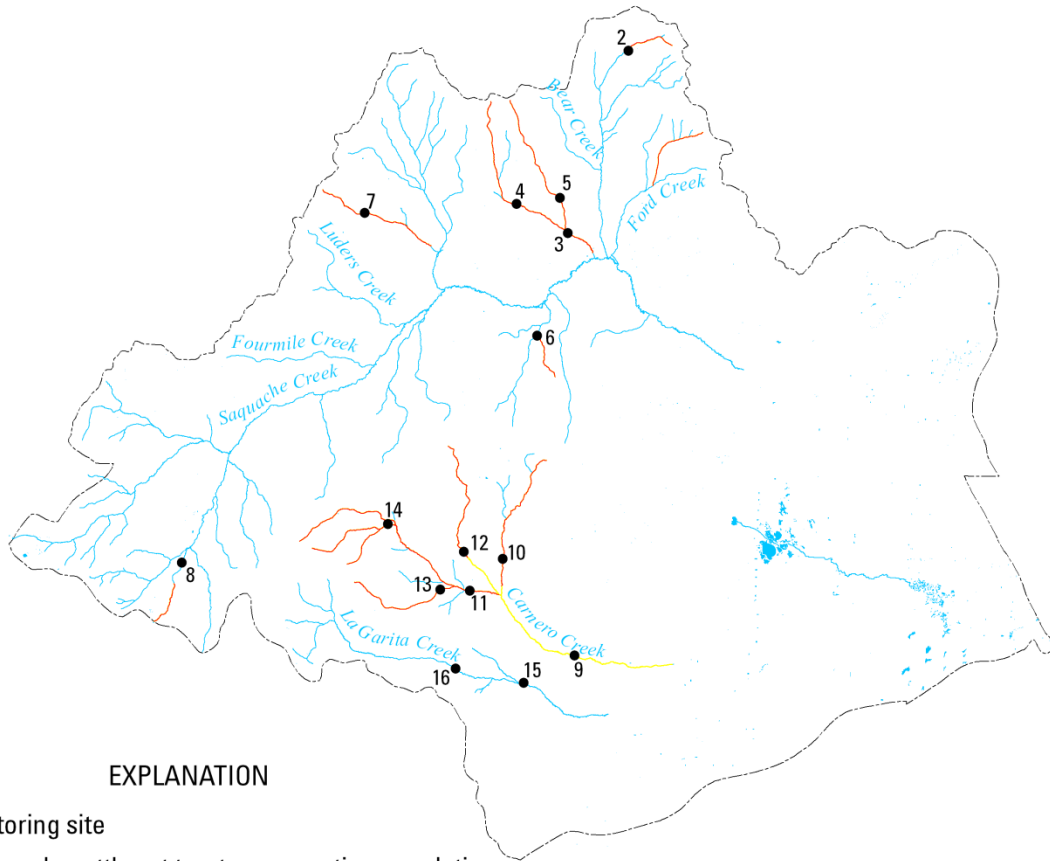
Figure 3. Two hour running mean (blue line) and weekly average water temperature (red line) at monitoring site on West Alder creek. Dashed lines represent Colorado Tier 1 Cold Water Temperature criteria.

Table 1. Air and stream temperature metrics and discharge in 2010 and 2011.

	Year	2-hr Min (°C)	2-hr Max (°C)	Min WAT (°C)	Max WAT (°C)	Baseflow Discharge (cfs)
Water	2010 ^a	NA	NA	NA	NA	NA ^e
Data	2011 ^b	-0.05	19.46	-0.03	14.40	0.65 ^f
Air	2010 ^c	NA	NA	NA	NA	----
Data	2011 ^d	-24.46	27.76	-15.93	16.76	----

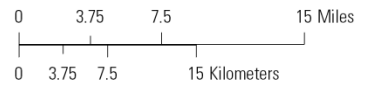
^a103 days of data (8/12/2010 – 12/31/2010); ^b266 days of data (1/01/2011 – 9/23/2011); ^c103 days of data (8/12/2010 – 12/31/2010); ^d266 days of data (1/01/2011 – 9/23/2011); ^eno summer baseflow discharge taken in 2010; ^fmeasured 9/24/2011 and was not precipitation affected

Saguache



EXPLANATION

- Monitoring site
- Rio Grande cutthroat trout conservation population
- Rio Grande cutthroat trout current distribution



East Middle Creek

Site ID: 2

HUC: Saguache

Deployed: 5/29/2010

Drainage Area: 1,420 ha

Site Elevation: 3002 m

RGCT Population ID: RGH4-04



Figure 1. Monitoring site on East Middle Creek.

Population Information

Genetic Status: > 1% and ≤ 10%

Non-Natives: None present

Barrier: No barrier present

Land Ownership:

USFS: 100.0%

State: 0.0%

Private: 0.0%

Other: 0.0%

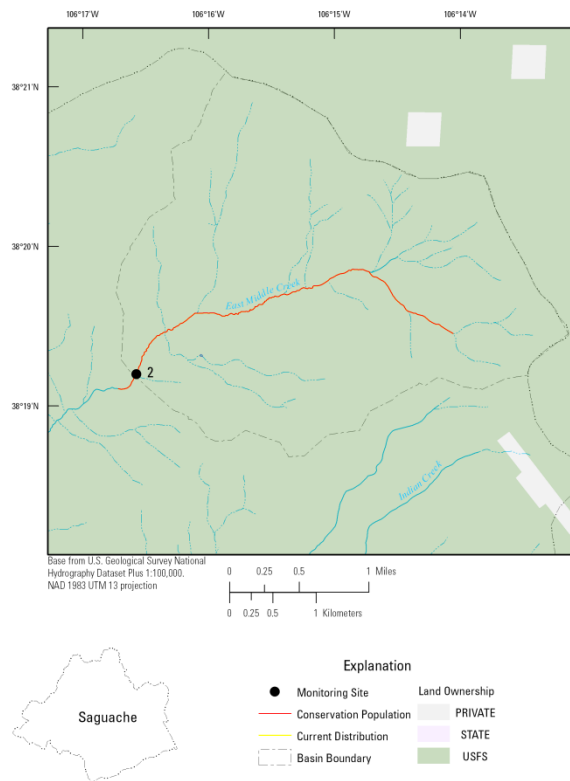


Figure 2. Location of monitoring site on East Middle Creek.

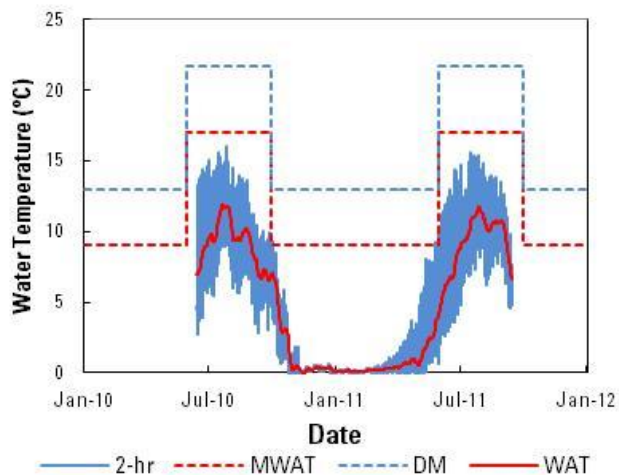


Figure 3. Two hour running mean (blue line) and weekly average water temperature (red line) at monitoring site on East Middle Creek. Dashed lines represent Colorado Tier 1 Cold Water Temperature Criteria.

Table 1. Air and stream temperature metrics and discharge in 2010 and 2011.

	Year	2-hr Min (°C)	2-hr Max (°C)	Min WAT (°C)	Max WAT (°C)	Baseflow Discharge (cfs)
Water	2010 ^a	-0.03	16.01	0.00	11.85	NA ^e
Data	2011 ^b	-0.05	15.65	0.04	11.72	0.81 ^f
Air	2010 ^c	-26.97	24.91	-13.06	14.23	----
Data	2011 ^d	-31.96	24.52	-15.80	13.50	----

^a211 days of data (6/04/2010–12/31/2010); ^b273 days of data (1/01/2011–9/30/2011); ^c 211 days of data (6/04/2010–12/31/2010); ^d273 days (1/01/2011–9/30/2011); ^eno summer baseflow discharge taken in 2010; ^fmeasured 10/01/2011 and was not precipitation affected

Jack's Creek

Site ID: 3

HUC: Saguache

Deployed: 5/29/2010

Drainage Area: 7,720 ha

Site Elevation: 2518 m

RGCT Population ID: RGH4-03



Figure 1. Lower monitoring site on Jack's Creek.

Population Information

Genetic Status: Unaltered

Non-Natives: Brook trout

Barrier: Complete barrier present

Land Ownership:

USFS: 46.9%

State: 3.6%

Private: 12.6%

Other: 36.9% (BLM: 100%)

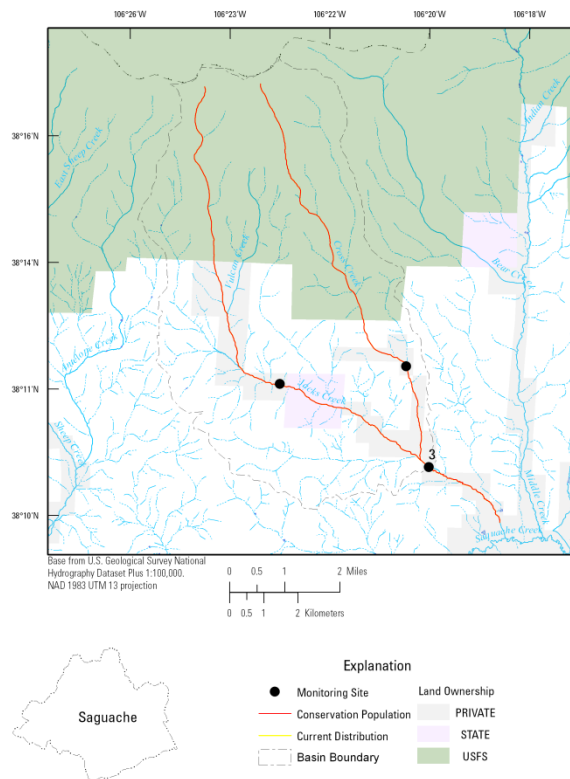


Figure 2. Location of lower monitoring site on Jack's Creek.

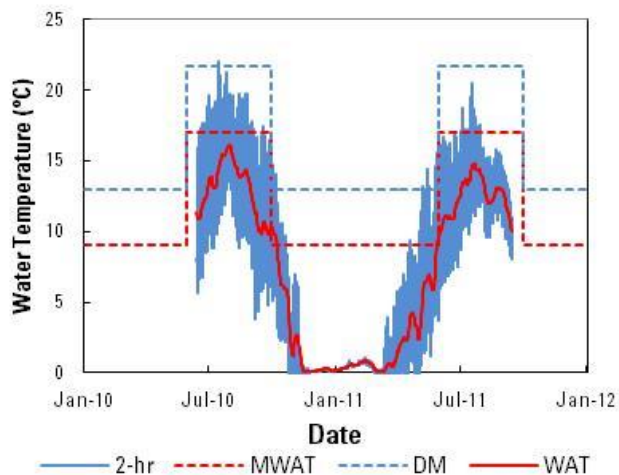


Figure 3. Two hour running mean (blue line) and weekly average water temperature (red line) for lower site on Jack's Creek. Dashed lines represent Colorado Tier 1 Cold Water Temperature Criteria.

Table 1. Air and stream temperature metrics and discharge in 2010 and 2011.

	Year	2-hr Min (°C)	2-hr Max (°C)	Min WAT (°C)	Max WAT (°C)	Baseflow Discharge (cfs)
Water	2010 ^a	-0.03	22.07	0.05	16.15	0.14 ^e
Data	2011 ^b	-0.06	20.57	0.06	14.81	0.34 ^f
Air	2010 ^c	-23.00	30.50	-9.88	18.53	----
Data	2011 ^d	-30.20	29.57	-12.94	18.22	----

^a211 days of data (6/04/2010–12/31/2010); ^b271 days of data (1/01/2011–9/28/2011); ^c 211 days of data (6/04/2010–12/31/2010); ^d211 days (1/01/2011–9/28/2011);

^emeasured on 9/26/2010 and was not precipitation affected; ^fmeasured 9/29/2011 and was not precipitation affected

Jack's Creek

Site ID: 4

HUC: Saguache

Deployed: 5/29/2010

Drainage Area: 3,101 ha

Site Elevation: 2655 m

RGCT Population ID: RGH4-03



Figure 1. Upper monitoring site on Jack's Creek.

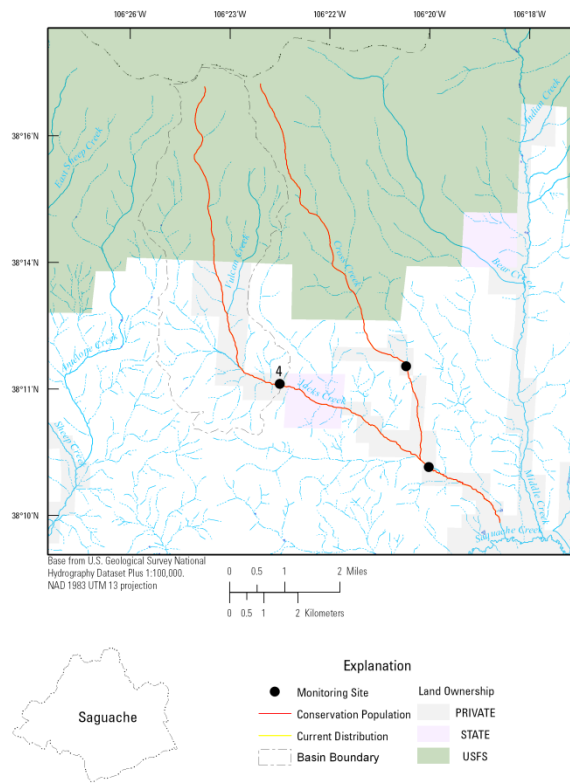


Figure 2. Location of upper monitoring site on Jack's Creek.

Population Information

Genetic Status: Unaltered

Non-Natives: Brook trout

Barrier: Complete barrier present

Land Ownership:

USFS: 53.9%

State: 0.0%

Private: 16.8%

Other: 29.3% (BLM: 100%)

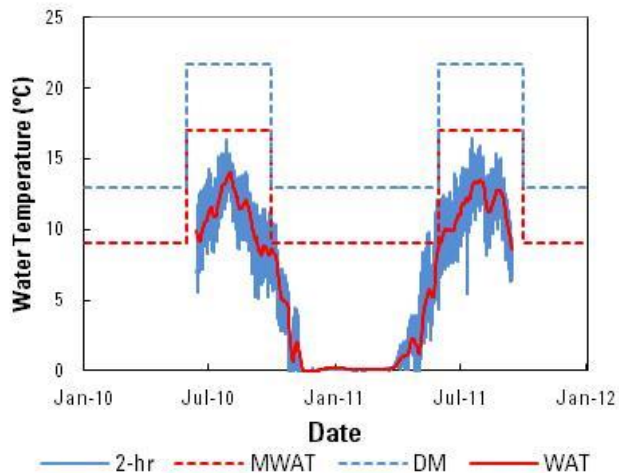


Figure 3. Two hour running mean (blue line) and weekly average water temperature (red line) at upper monitoring site on Jack's Creek. Dashed lines represent Colorado Tier 1 Cold Water Temperature Criteria.

Table 1. Air and stream temperature metrics and discharge in 2010 and 2011.

	Year	2-hr Min (°C)	2-hr Max (°C)	Min WAT (°C)	Max WAT (°C)	Baseflow Discharge (cfs)
Water	2010 ^a	-0.07	16.38	-0.03	14.02	0.04 ^e
Data	2011 ^b	-0.03	16.44	0.04	13.52	0.26 ^f
Air	2010 ^c	-23.62	29.28	-10.74	17.30	----
Data	2011 ^d	-29.26	28.36	-13.74	16.96	----

^a211 days of data (6/04/2010 – 12/31/2010); ^b271 days of data (1/01/2011 – 9/28/2011); ^c 211 days of data (6/04/2010 – 12/31/2010); ^d211 days (1/01/2011 – 9/28/2011); ^emeasured on 9/26/2010 and was not precipitation affected; ^fmeasured 9/29/2011 and was not precipitation affected

Cross Creek

Site ID: 5

HUC: Saguache

Deployed: 5/29/2010

Drainage Area: 2,041 ha

Site Elevation: 2638 m

RGCT Population ID: RGH4-03



Figure 1. Monitoring site on Cross Creek.

Population Information

Genetic Status: Unaltered

Non-Natives: None present

Barrier: Complete barrier present

Land Ownership:

USFS: 87.3%

State: 0.0%

Private: 3.9%

Other: 8.8% (BLM: 100%)

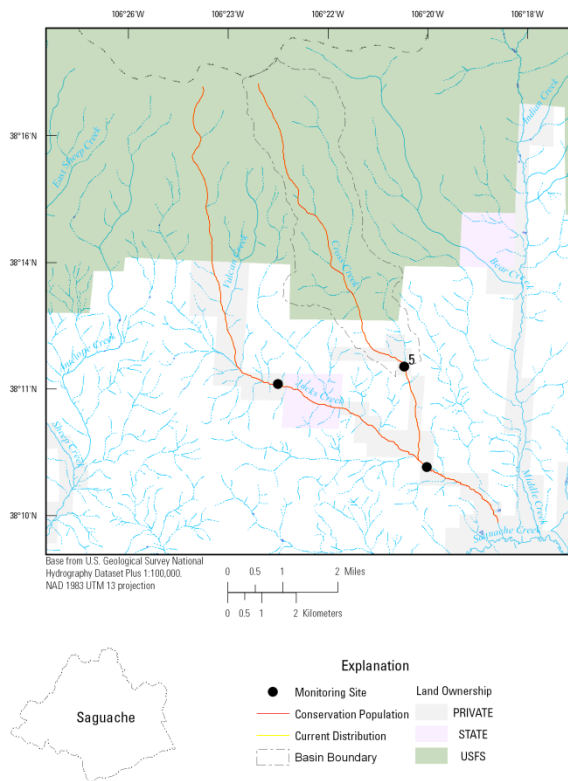


Figure 2. Location of monitoring site on Cross Creek.

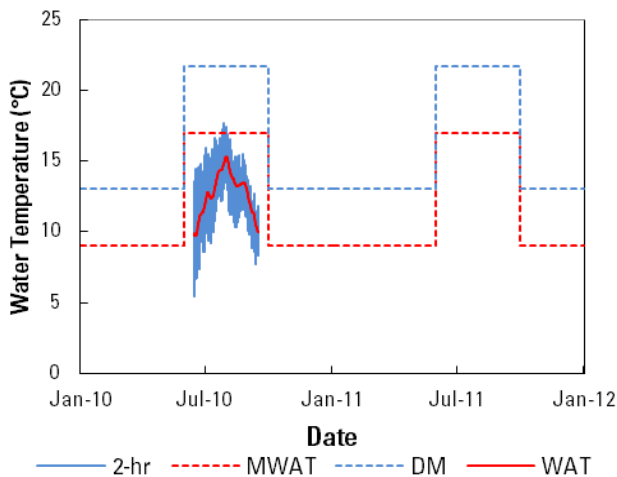


Figure 3. Two hour running mean (blue line) and weekly average water temperature (red line) at monitoring site on Cross Creek. Dashed lines represent Colorado Tier 1 Cold Water Temperature Criteria.

Table 1. Air and stream temperature metrics and discharge in 2010 and 2011.

	Year	2-hr Min (°C)	2-hr Max (°C)	Min WAT (°C)	Max WAT (°C)	Baseflow Discharge (cfs)
Water	2010 ^a	NA	17.66	NA	15.29	0.16 ^e
Data	2011 ^b	Lost	Lost	Lost	Lost	0.17 ^f
Air	2010 ^c	-23.44	33.01	-9.93	18.30	----
Data	2011 ^d	-28.79	30.86	-13.51	17.79	----

^a105 days of data (6/04/2010–9/16/2010); ^bData logger lost and no data was collected in 2011; ^c 211 days of data (6/04/2010–12/31/2010); ^d211 days (1/01/2011–9/28/2011); ^emeasured on 9/26/2010 and was not precipitation affected; ^fmeasured 9/29/2011 and was not precipitation affected

Big Spring Creek

Site ID: 6

HUC: Saguache

Deployed: 9/17/2010

Drainage Area: 772 ha

Site Elevation: 2569 m

RGCT Population ID: RGH4-06



Figure 1. Monitoring site on Big Spring Creek.

Population Information

Genetic Status: Unaltered

Non-Natives: None present

Barrier: Complete barrier present

Land Ownership:

USFS: 100.0%

State: 0.0%

Private: 0.0%

Other: 0.0%

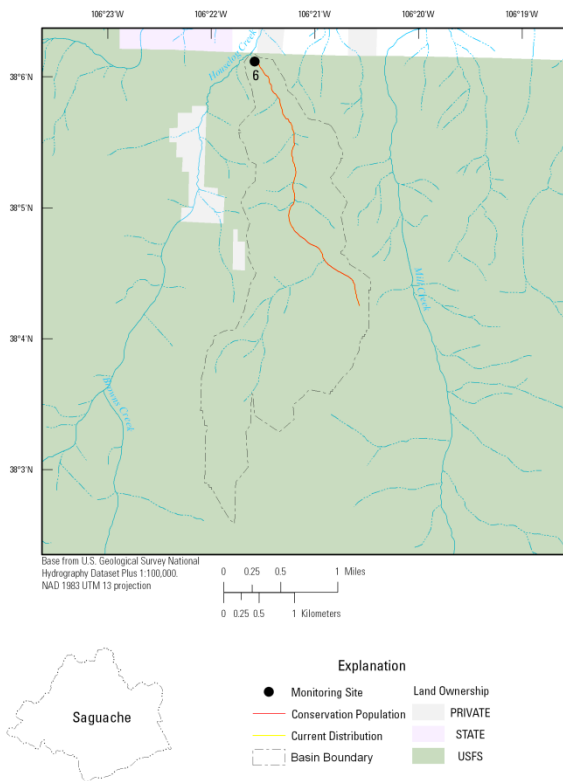


Figure 2. Location of monitoring site on Big Spring Creek.

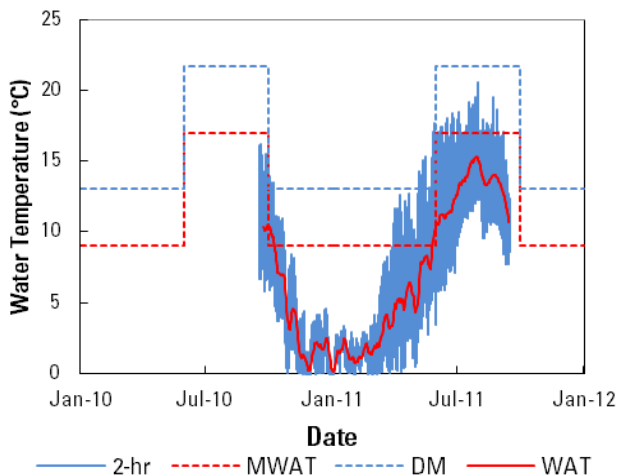


Figure 3. Two hour running mean (blue line) and weekly average water temperature (red line) at monitoring site on Big Spring Creek. Dashed lines represent Colorado Tier 1 Cold Water Temperature Criteria.

Table 1. Air and stream temperature metrics and discharge in 2010 and 2011.

	Year	2-hr Min (°C)	2-hr Max (°C)	Min WAT (°C)	Max WAT (°C)	Baseflow Discharge (cfs)
Water	2010 ^a	NA	NA	NA	NA	0.53 ^e
Data	2011 ^b	-0.06	20.57	0.10	15.35	0.67 ^f
Air	2010 ^c	-24.05	NA	-11.04	NA	----
Data	2011 ^d	-31.85	29.77	-13.68	18.06	----

^a105 days of data (9/18/2010 – 12/31/2010); ^b271 days of data (1/01/2011 – 9/28/2011); ^c105 days of data (9/18/2010 – 12/31/2010); ^d211 days (1/01/2011 – 9/28/2011); ^emeasured on 9/17/2010 and was not precipitation affected; ^fmeasured 9/29/2011 and was not precipitation affected

East Pass Creek

Site ID: 7

HUC: Saguache

Deployed: 9/17/2010

Drainage Area: 1,302 ha

Site Elevation: 2789 m

RGCT Population ID: RGH4-02



Figure 1. Monitoring site on East Pass Creek.

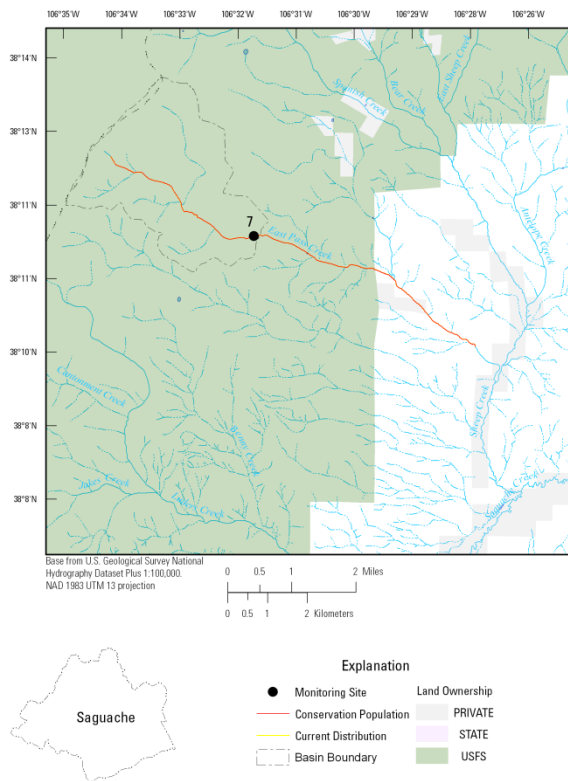


Figure 2. Location of monitoring site on East Pass Creek.

Population Information

Genetic Status: Unaltered

Non-Natives: None present

Barrier: Complete barrier present

Land Ownership:

USFS: 100.0%

State: 0.0%

Private: 0.0%

Other: 0.0%

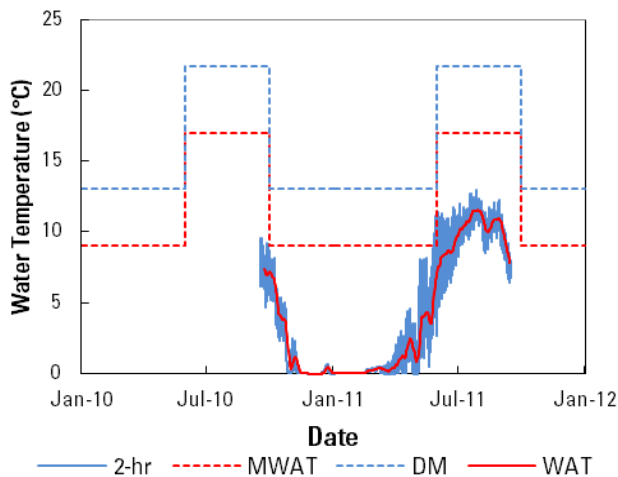


Figure 3. Two hour running mean (blue line) and weekly average water temperature (red line) at monitoring site on East Pass creek. Dashed lines represent Colorado Tier 1 Cold Water Temperature Criteria.

Table 1. Air and stream temperature metrics and discharge in 2010 and 2011.

	Year	2-hr Min (°C)	2-hr Max (°C)	Min WAT (°C)	Max WAT (°C)	Baseflow Discharge (cfs)
Water	2010 ^a	NA	NA	NA	NA	0.04 ^e
Data	2011 ^b	-0.06	12.92	-0.02	11.52	0.08 ^f
Air	2010 ^c	-22.19	NA	-11.50	NA	----
Data	2011 ^d	-28.93	26.53	-14.48	16.08	----

^a105 days of data (9/18/2010 – 12/31/2010); ^b271 days of data (1/01/2011 – 9/28/2011); ^c105 days of data (9/18/2010 – 12/31/2010); ^d211 days (1/01/2011 – 9/28/2011); ^emeasured on 9/17/2010 and was not precipitation affected; ^fmeasured 9/29/2011 and was not precipitation affected

Whale Creek

Site ID: 8

HUC: Saguache

Deployed: 10/02/2011

Drainage Area: 1,279 ha

Site Elevation: 3144 m

RGCT Population ID: RGH4-01



Figure 1. Monitoring site on Whale Creek, fall 2011.

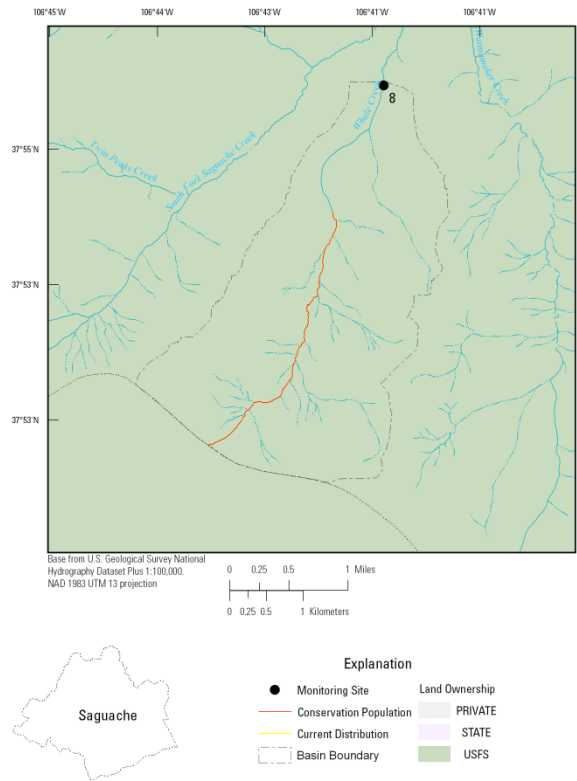


Figure 2. Location of monitoring site on Whale Creek.

Population Information

Genetic Status: Unaltered

Non-Natives: None present

Barrier: Complete barrier present

Land Ownership:

USFS: 100%

State: 0.0%

Private: 0.0%

Other: 0.0%

Table 1. Air and stream temperature metrics and discharge in 2010 and 2011.

	Year	2-hr Min (°C)	2-hr Max (°C)	Min WAT (°C)	Max WAT (°C)	Baseflow Discharge (cfs)
Water	2010 ^a	NA	NA	NA	NA	NA ^e
Data	2011 ^b	NA	NA	NA	NA	0.18 ^f
Air	2010 ^c	NA	NA	NA	NA	----
Data	2011 ^d	NA	NA	NA	NA	----

^aNo data collected; ^bNo data collected; ^cNo data collected; ^dNo data collected; ^eno summer baseflow discharge taken in 2010; ^fmeasured 10/02/2011 and was not precipitation affected

Carnero Creek

Site ID: 9

HUC: Saguache

Deployed: 5/30/2010

Drainage Area: 27,442 ha

Site Elevation: 2485 m

RGCT Population ID: No population



Figure 1. Monitoring site on Carnero Creek.

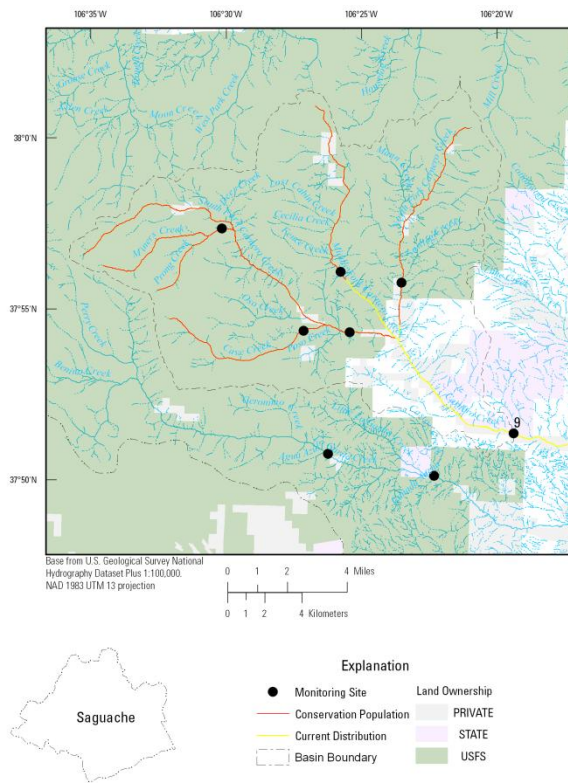


Figure 2. Location of monitoring site on Carnero Creek.

Population Information

Genetic Status: NA

Non-Natives: NA

Barrier: NA

Land Ownership:

USFS: 82.2%

State: 2.7%

Private: 6.6%

Other: 8.5% (BLM: 100%)

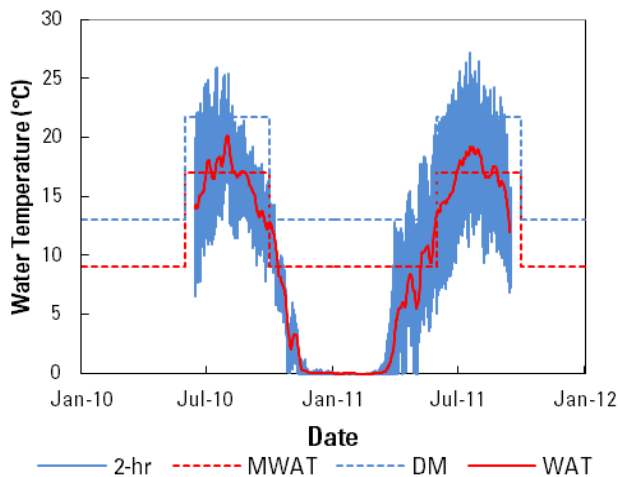


Figure 3. Two hour running mean (blue line) and weekly average water temperature (red line) at monitoring site on Carnero Creek. Dashed lines represent Colorado Tier 1 Cold Water Temperature Criteria.

Table 1. Air and stream temperature metrics and discharge in 2010 and 2011.

	Year	2-hr Min (°C)	2-hr Max (°C)	Min WAT (°C)	Max WAT (°C)	Baseflow Discharge (cfs)
Water	2010 ^a	-0.09	25.93	-0.02	20.12	0.59 ^e
Data	2011 ^b	-0.09	27.15	-0.04	19.17	0.87 ^f
Air	2010 ^c	-19.87	30.56	-8.69	18.98	----
Data	2011 ^d	-30.56	30.65	-12.85	19.45	----

^a211 days of data (6/04/2010 – 12/31/2010); ^b274 days of data (1/01/2011 – 10/01/2011); ^c211 days of data (6/04/2010 – 12/31/2010); ^d274 days (1/01/2011 – 10/01/2011); ^emeasured on 9/20/2010 and was not precipitation affected; ^fmeasured 10/02/2011 and was not precipitation affected

North Fork Carnero Creek

Site ID: 10

HUC: Saguache

Deployed: 5/30/2010

Drainage Area: 6,131 ha

Site Elevation: 2703 m

RGCT Population ID: RGH4-08



Figure 1. Monitoring site on North Fork Carnero Creek.

Population Information

Genetic Status: Unaltered

Non-Natives: None present

Barrier: Complete barrier present

Land Ownership:

USFS: 98.4%

State: 0.0%

Private: 1.6%

Other: 0.0%

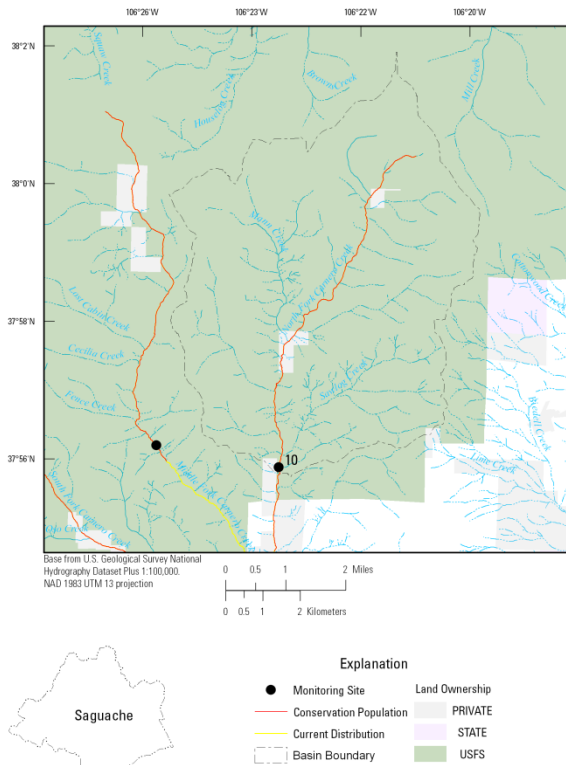


Figure 2. Location of monitoring site on North Fork Carnero Creek.

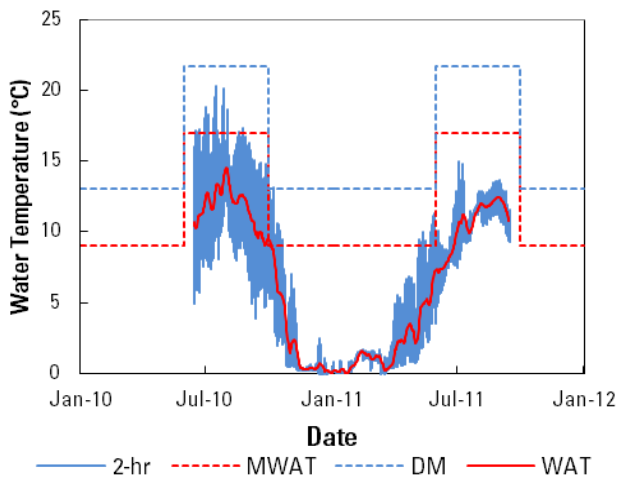


Figure 3. Two hour running mean (blue line) and weekly average water temperature (red line) at monitoring site on North Fork Carnero Creek. Dashed lines represent Colorado Tier 1 Cold Water Temperature Criteria.

Table 1. Air and stream temperature metrics and discharge in 2010 and 2011.

	Year	2-hr Min (°C)	2-hr Max (°C)	Min WAT (°C)	Max WAT (°C)	Baseflow Discharge (cfs)
Water	2010 ^a	-0.06	20.33	0.03	14.57	0.07 ^e
Data	2011 ^b	-0.06	14.92	0.03	12.44	0.05 ^f
Air	2010 ^c	-26.17	26.83	-11.38	16.56	----
Data	2011 ^d	-30.65	31.24	-15.42	16.81	----

^a211 days of data (6/04/2010 – 12/31/2010); ^b274 days of data (1/01/2011 – 10/01/2011); ^c211 days of data (6/04/2010 – 12/31/2010); ^d274 days (1/01/2011 – 10/01/2011); ^emeasured on 9/20/2010 and was not precipitation affected; ^fmeasured 10/02/2011 and was not precipitation affected

South Carnero Creek

Site ID: 11

HUC: Saguache

Deployed: 5/30/2010

Drainage Area: 10,984 ha

Site Elevation: 2681 m

RGCT Population ID: RGH4-10



Figure 1. Monitoring site on South Fork Carnero Creek.

Population Information

Genetic Status: Unaltered

Non-Natives: Brown trout, brook trout

Barrier: No barrier present

Land Ownership:

USFS: 98.2%

State: 0.0%

Private: 1.8%

Other: 0.0%

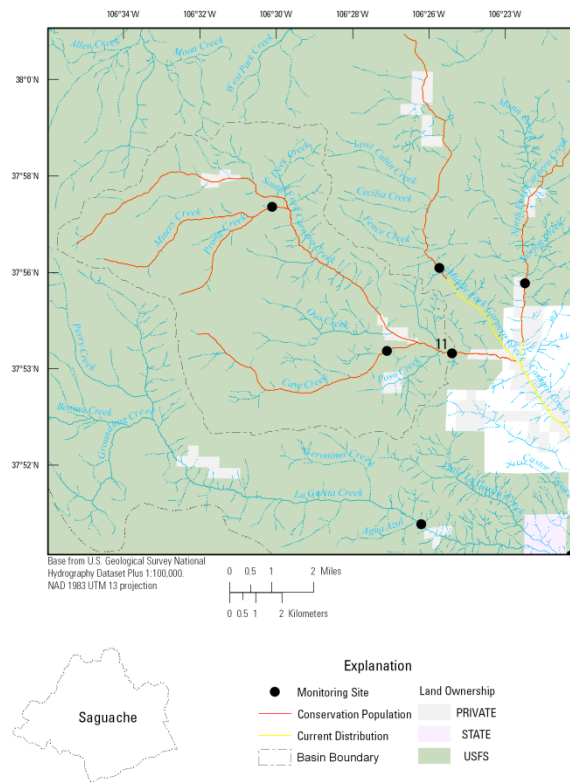


Figure 2. Location of monitoring site on South Fork Carnero Creek.

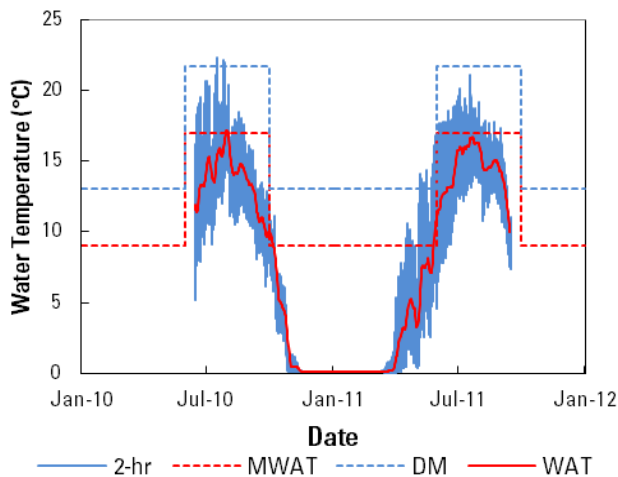


Figure 3. Two hour running mean (blue line) and weekly average water temperature (red line) at monitoring site on South Fork Carnero Creek. Dashed lines represent Colorado Tier 1 Cold Water Temperature Criteria.

Table 1. Air and stream temperature metrics and discharge in 2010 and 2011.

	Year	2-hr Min (°C)	2-hr Max (°C)	Min WAT (°C)	Max WAT (°C)	Baseflow Discharge (cfs)
Water	2010 ^a	0.07	22.29	0.08	17.18	0.87 ^e
Data	2011 ^b	-0.02	21.12	0.08	16.72	1.39 ^f
Air	2010 ^c	-24.82	26.96	-11.75	16.23	----
Data	2011 ^d	-30.17	28.45	-16.23	16.83	----

^a211 days of data (6/04/2010–12/31/2010); ^b290 days of data (1/01/2011–10/17/2011), data logger was buried by sediment upon retrieval and 2011 data is likely influenced; ^c211 days of data (6/04/2010–12/31/2010); ^d274 days (1/01/2011–10/01/2011); ^emeasured on 9/20/2010 and was not precipitation affected; ^fmeasured 10/02/2011 and was not precipitation affected

Middle Fork Carnero Creek

Site ID: 12

HUC: Saguache

Deployed: 5/30/2010

Drainage Area: 4,298 ha

Site Elevation: 2756 m

RGCT Population ID: RGH4-07



Figure 1. Monitoring site on Middle Fork Carnero Creek.

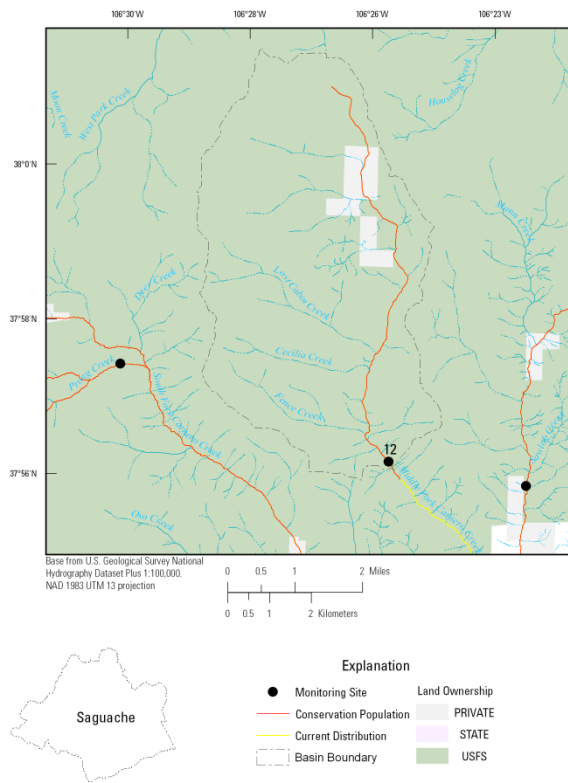


Figure 2. Location of monitoring site on Middle Fork Carnero creek.

Population Information

Genetic Status: Unaltered

Non-Natives: Brown trout, brook trout

Barrie: Complete barrier present

Land Ownership:

USFS: 95.3%

State: 0.0%

Private: 4.7%

Other: 0.0%

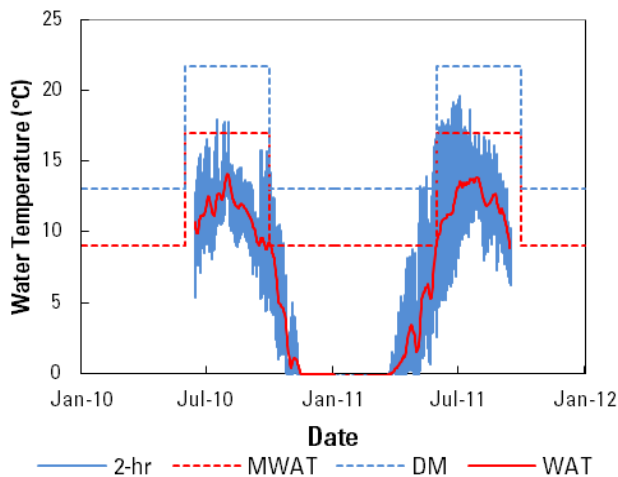


Figure 3. Two hour running mean (blue line) and weekly average water temperature (red line) at monitoring site on Middle Fork Carnero Creek. Dashed lines represent Colorado Tier 1 Cold Water Temperature Criteria.

Table 1. Air and stream temperature metrics and discharge in 2010 and 2011.

	Year	2-hr Min (°C)	2-hr Max (°C)	Min WAT (°C)	Max WAT (°C)	Baseflow Discharge (cfs)
Water	2010 ^a	-0.12	17.90	-0.10	14.09	0.17 ^e
Data	2011 ^b	-1.17	19.59	-0.46	13.84	0.16 ^f
Air	2010 ^c	-25.67	28.61	-10.93	15.52	----
Data	2011 ^d	-30.62	27.96	-15.07	16.14	----

^a211 days of data (6/04/2010–12/31/2010), data logger was buried by sediment upon retrieval and 2010 data is likely influenced; ^b274 days of data (1/01/2011–10/01/2011), data logger was buried by sediment upon retrieval and 2011 data is likely influenced; ^c211 days of data (6/04/2010–12/31/2010); ^d274 days (1/01/2011–10/01/2011); ^emeasured on 9/17/2010 and was not precipitation affected; ^fmeasured 10/02/2011 and was not precipitation affected

Cave Creek

Site ID: 13

HUC: Saguache

Deployed: 5/30/2010

Drainage Area: 2,324 ha

Site Elevation: 2767 m

RGCT Population ID: RGH4-12



Figure 1. Monitoring site on Cave Creek.

Population Information

Genetic Status: $> 1\%$ and $\leq 10\%$

Non-Natives: Brook trout, brown trout

Barrier: No barrier present

Land Ownership:

USFS: 100.0%

State: 0.0%

Private: 0.0%

Other: 0.0%

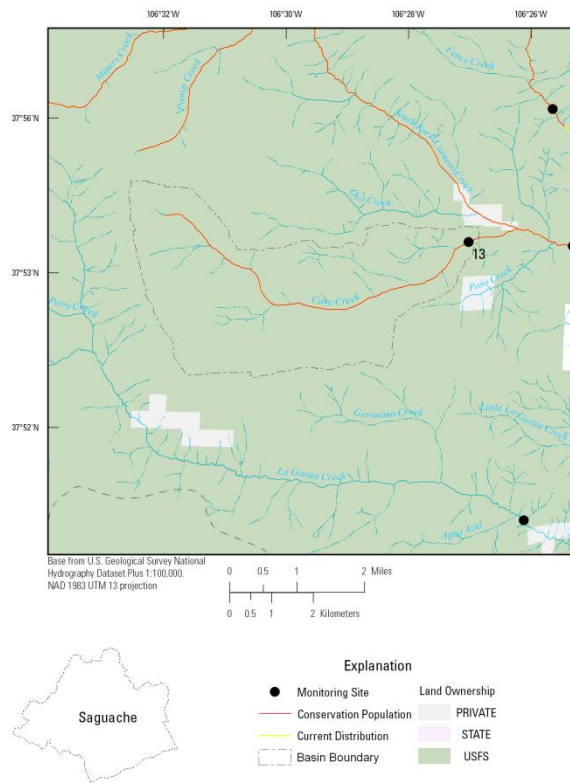


Figure 2. Location of monitoring site on Cave Creek.

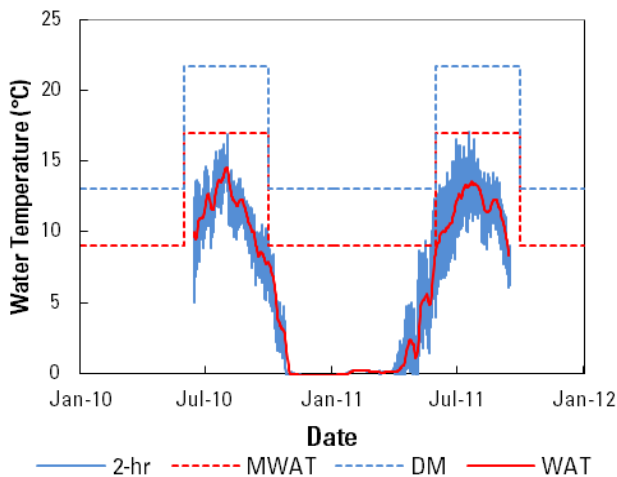


Figure 3. Two hour running mean (blue line) and weekly average water temperature (red line) at monitoring site on Cave Creek. Dashed lines represent Colorado Tier 1 Cold Water Temperature Criteria.

Table 1. Air and stream temperature metrics and discharge in 2010 and 2011.

	Year	2-hr Min (°C)	2-hr Max (°C)	Min WAT (°C)	Max WAT (°C)	Baseflow Discharge (cfs)
Water	2010 ^a	-0.14	16.87	-0.12	14.45	0.29 ^e
Data	2011 ^b	-0.12	17.06	-0.12	13.59	0.27 ^f
Air	2010 ^c	-26.62	28.00	-11.56	15.47	----
Data	2011 ^d	-31.30	26.99	-16.24	15.92	----

^a211 days of data (6/04/2010 – 12/31/2010); ^b274 days of data (1/01/2011 – 10/01/2011); ^c211 days of data (6/04/2010 – 12/31/2010); ^d274 days (1/01/2011 – 10/01/2011); ^emeasured on 9/20/2010 and was not precipitation affected; ^fmeasured 10/02/2011 and was not precipitation affected

Prong Creek

Site ID: 14

HUC: Saguache

Deployed: 5/30/2010

Drainage Area: 1,684 ha

Site Elevation: 3011 m

RGCT Population ID: RGH4-11



Figure 1. Monitoring site on Prong Creek.

Population Information

Genetic Status: > 1% and ≤ 10%

Non-Natives: Brook trout, brown trout

Barrier: No barrier present

Land Ownership:

USFS: 100.0%

State: 0.0%

Private: 0.0%

Other: 0.0%

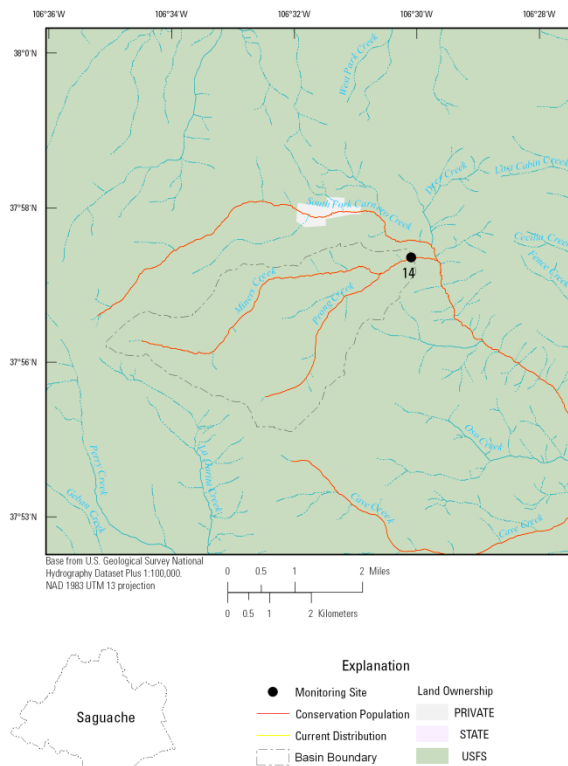


Figure 2. Location of monitoring site on Prong Creek.

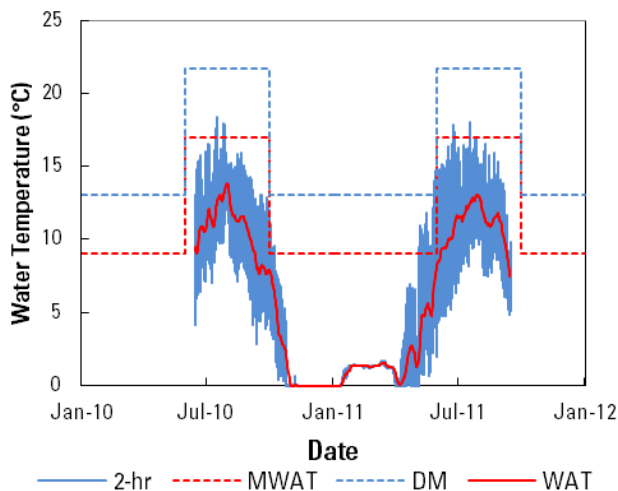


Figure 3. Two hour running mean (blue line) and weekly average water temperature (red line) at monitoring site on Prong Creek. Dashed lines represent Colorado Tier 1 Cold Water Temperature Criteria.

Table 1. Air and stream temperature metrics and discharge in 2010 and 2011.

	Year	2-hr Min (°C)	2-hr Max (°C)	Min WAT (°C)	Max WAT (°C)	Baseflow Discharge (cfs)
Water	2010 ^a	-0.09	18.37	-0.06	13.81	0.40 ^e
Data	2011 ^b	-0.07	18.06	-0.05	13.04	0.34 ^f
Air	2010 ^c	-27.28	27.26	-12.80	15.09	----
Data	2011 ^d	-31.30	26.97	-16.70	13.76	----

^a211 days of data (6/04/2010 – 12/31/2010); ^b274 days of data (1/01/2011 – 10/01/2011); ^c211 days of data (6/04/2010 – 12/31/2010); ^d274 days (1/01/2011 – 10/01/2011); ^emeasured on 9/20/2010 and was not precipitation affected; ^fmeasured 10/02/2011 and was not precipitation affected

La Garita Creek

Site ID: 15

HUC: Saguache

Deployed: 5/30/2010

Drainage Area: 14,729 ha

Site Elevation: 2553 m

RGCT Population ID: No Population



Figure 1. Lower monitoring site on La Garita Creek.

Population Information

Genetic Status: NA

Non-Natives: NA

Barrier: NA

Land Ownership:

USFS: 95.5%

State: 1.8%

Private: 1.5%

Other: 1.2% (BLM: 100%)

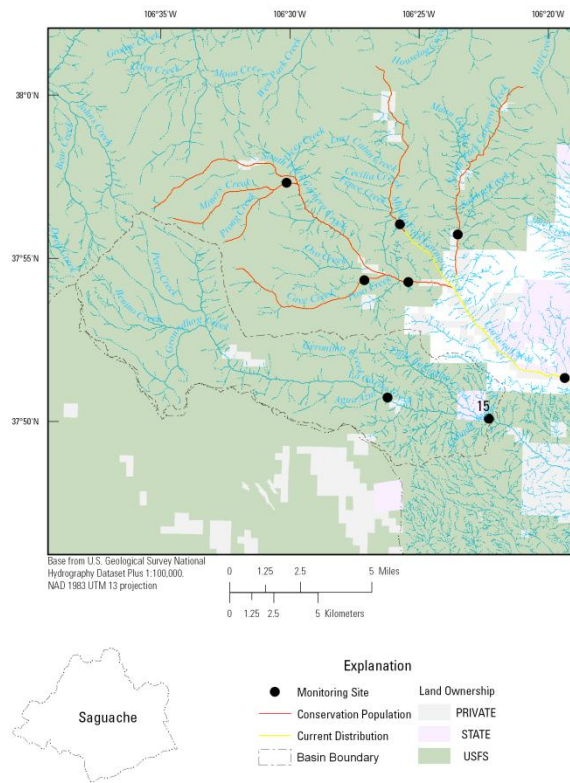


Figure 2. Location of lower monitoring site on La Garita Creek.

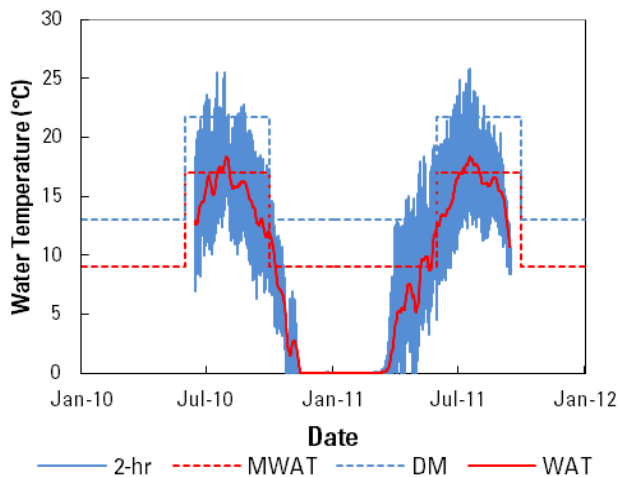


Figure 3. Two hour running mean (blue line) and weekly average water temperature (red line) at lower monitoring site on La Garita Creek. Dashed lines represent Colorado Tier 1 Cold Water Temperature Criteria.

Table 1. Air and stream temperature metrics and discharge in 2010 and 2011.

	Year	2-hr Min (°C)	2-hr Max (°C)	Min WAT (°C)	Max WAT (°C)	Baseflow Discharge (cfs)
Water	2010 ^a	0.00	25.55	0.02	18.36	NA ^e
Data	2011 ^b	0.00	25.87	0.03	18.33	2.96 ^f
Air	2010 ^c	-23.08	28.36	-8.28	18.01	----
Data	2011 ^d	-29.93	28.33	-12.63	18.75	----

^a211 days of data (6/04/2010–12/31/2010); ^b266 days of data (1/01/2011–9/23/2011); ^c211 days of data (6/04/2010–12/31/2010); ^d267 days (1/01/2011–9/24/2011); ^eNo summer baseflow measurement taken in 2010; ^fmeasured 9/25/2011 and was not precipitation affected

La Garita Creek

Site ID: 16

HUC: Saguache

Deployed: 5/30/2010

Drainage Area: 10,647 ha

Site Elevation: 2690 m

RGCT Population ID: No Population



Figure 1. Upper monitoring site on La Garita Creek.

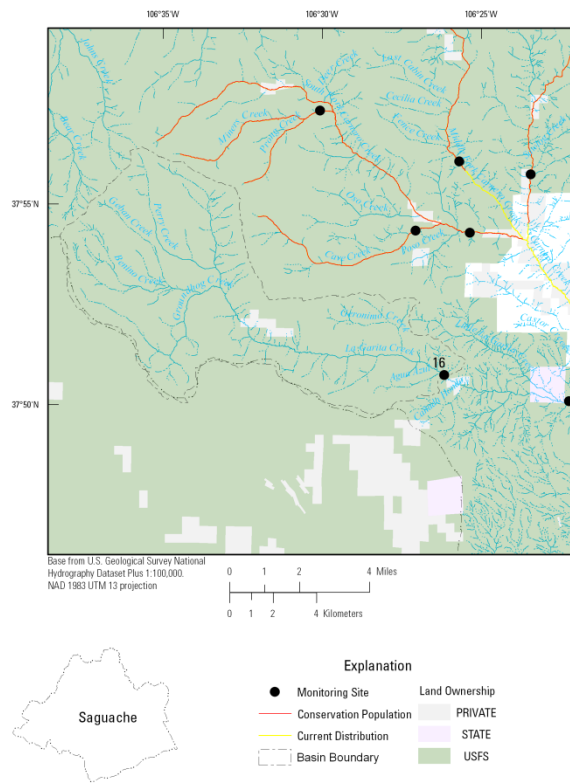


Figure 2. Location of upper monitoring site on La Garita Creek.

Population Information

Genetic Status: NA

Non-Natives: NA

Barrier: NA

Land Ownership:

USFS: 98.7%

State: 0.0%

Private: 1.3%

Other: 0.0%

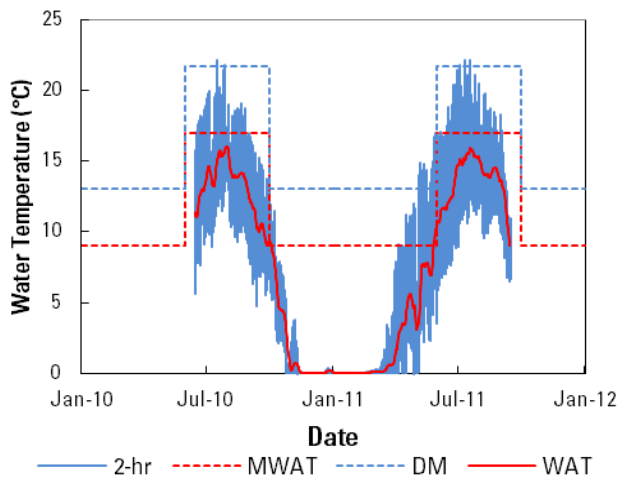


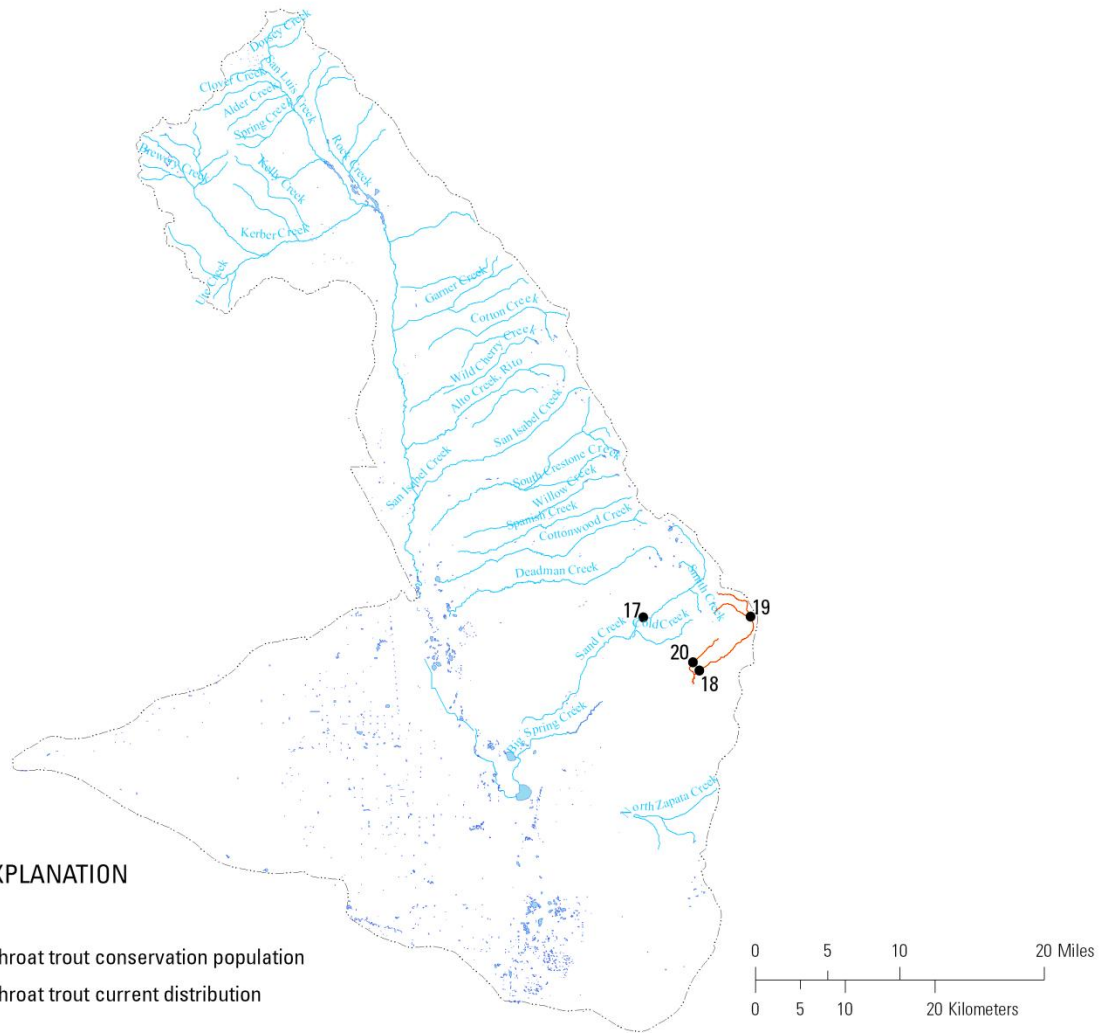
Figure 3. Two hour running mean (blue line) and weekly average water temperature (red line) at upper monitoring site on La Garita Creek. Dashed lines represent Colorado Tier 1 Cold Water Criteria.

Table 1. Air and stream temperature metrics and discharge in 2010 and 2011.

	Year	2-hr Min (°C)	2-hr Max (°C)	Min WAT (°C)	Max WAT (°C)	Baseflow Discharge (cfs)
Water	2010 ^a	-0.03	22.12	0.00	15.99	2.80 ^e
Data	2011 ^b	-0.03	22.13	0.02	15.91	2.79 ^f
Air	2010 ^c	NA	25.82	NA	16.64	----
Data	2011 ^d	Lost	Lost	Lost	Lost	----

^a211 days of data (6/04/2010–12/31/2010); ^b267 days of data (1/01/2011–9/24/2011); ^c108 days of data (6/04/2010–9/19/2010); ^dData logger was lost so no data is presented; ^emeasured on 9/20/2010 and was not precipitation affected; ^fmeasured 9/25/2011 and was not precipitation affected

San Luis



Sand Creek

Site ID: 17

HUC: San Luis

Deployed: 8/12/2010

Drainage Area: 6,063 ha

Site Elevation: 2516 m

RGCT Population ID: NA

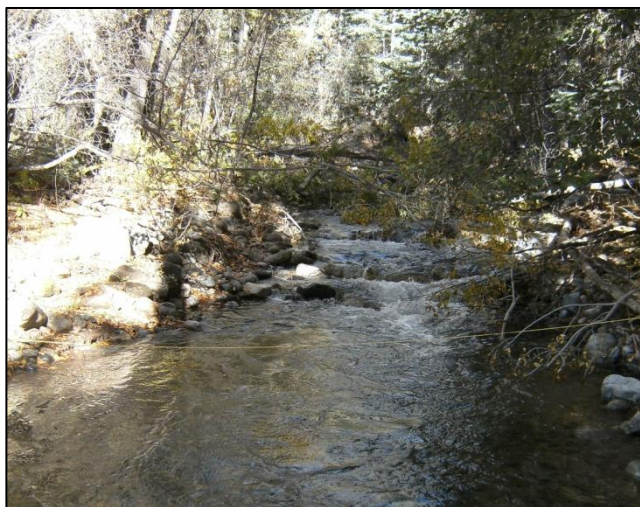


Figure 1. Monitoring site on Sand Creek.

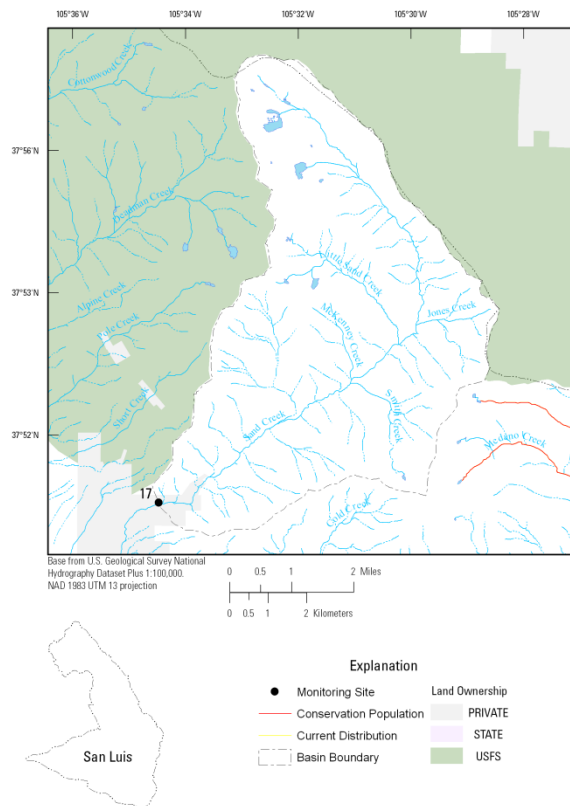


Figure 2. Location of monitoring site on Sand Creek.

Population Information

Genetic Status: NA

Non-Natives: NA

Barrier: NA

Land Ownership:

USFS: 0.0%

State: 0.0%

Private: 0.0%

Other: 100.0% (NPS: 100.0%)

Table 1. Air and stream temperature metrics and discharge in 2010 and 2011.

	Year	2-hr Min (°C)	2-hr Max (°C)	Min WAT (°C)	Max WAT (°C)	Baseflow Discharge (cfs)
Water	2010 ^a	NA	NA	NA	NA	NA ^e
Data	2011 ^b	Lost	Lost	Lost	Lost	11.80 ^f
Air	2010 ^c	-18.63	NA	-7.94	NA	----
Data	2011 ^d	-26.79	28.28	-12.73	18.82	----

^aNo data collected; ^bData logger lost in 2011 and no data is presented; ^c142 days of data (8/12/2010–12/31/2010); ^d291 days of data (1/01/2011–10/18/2011); ^eno summer baseflow discharge taken in 2010; ^fmeasured 10/19/2011 and was not precipitation affected

Medano Creek

Site ID: 18

HUC: San Luis

Deployed: 8/12/2010

Drainage Area: 4,167 ha

Site Elevation: 2583 m

RGCT Population ID: RGH3-01



Figure 1. Lower monitoring site on Medano Creek.

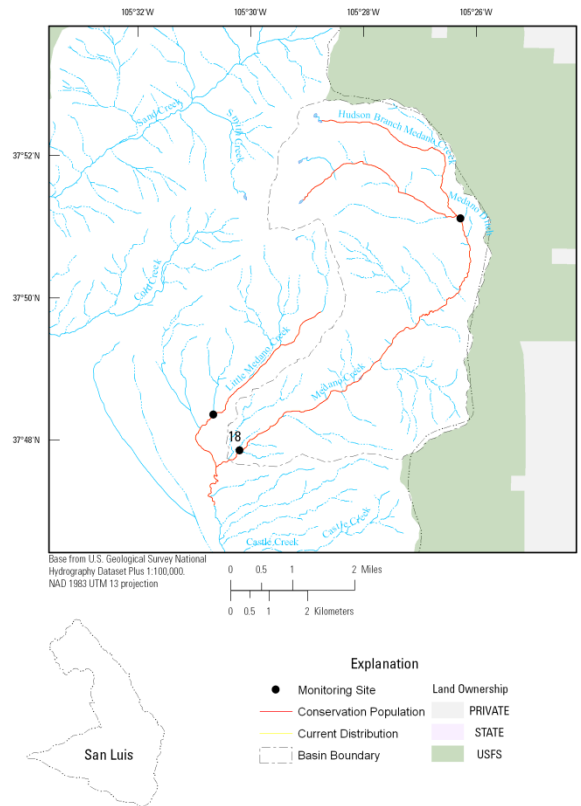


Figure 2. Location of lower monitoring site on Medano Creek.

Population Information

Genetic Status: Unaltered

Non-Natives: None present

Barrier: No barrier present

Land Ownership:

USFS: 0.0%

State: 0.0%

Private: 0.0%

Other: 100.0% (NPS: 100.0%)

Table 1. Air and stream temperature metrics and discharge in 2010 and 2011.

	Year	2-hr Min (°C)	2-hr Max (°C)	Min WAT (°C)	Max WAT (°C)	Baseflow Discharge (cfs)
Water	2010 ^a	Lost	Lost	Lost	Lost	NA ^e
Data	2011 ^b	Lost	Lost	Lost	Lost	0.87 ^f
Air	2010 ^c	Lost	Lost	Lost	Lost	----
Data	2011 ^d	Lost	Lost	Lost	Lost	----

^aData logger lost in 2010 and no data is presented; ^bData logger lost in 2011 and no data is presented; ^cData logger lost in 2010 and no data is presented; ^dData logger lost in 2011 and no data is presented; ^eNo summer baseflow measurement taken in 2010; ^fmeasured 10/19/2011 and was not precipitation affected

Medano Creek

Site ID: 19

HUC: San Luis

Deployed: 8/12/2010

Drainage Area: 1,444 ha

Site Elevation: 2963 m

RGCT Population ID: RGH3-01



Figure 1. Location of upper monitoring site on Medano Creek.

Population Information

Genetic Status: Unaltered

Non-Natives: None present

Barrier: No barrier present

Land Ownership:

USFS: 0.0%

State: 0.0%

Private: 0.0%

Other: 100.0% (NPS: 100.0%)

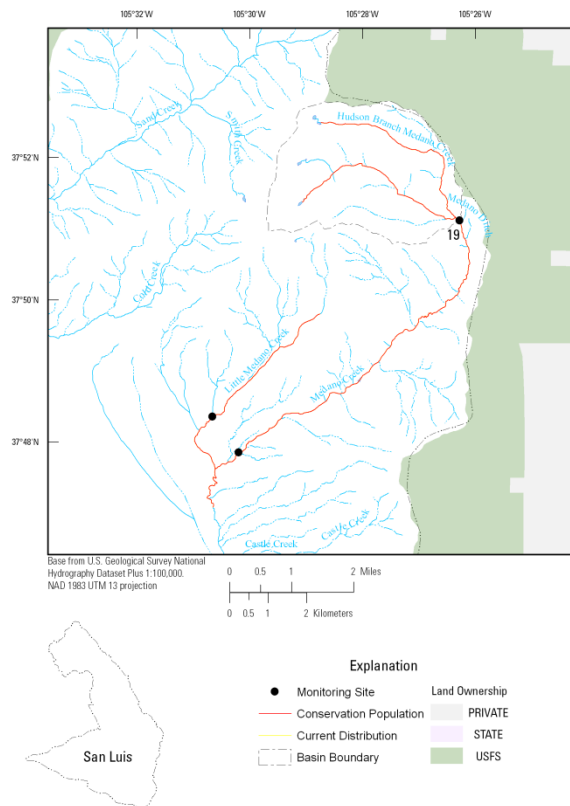


Figure 2. Location of upper monitoring site on Medano Creek.

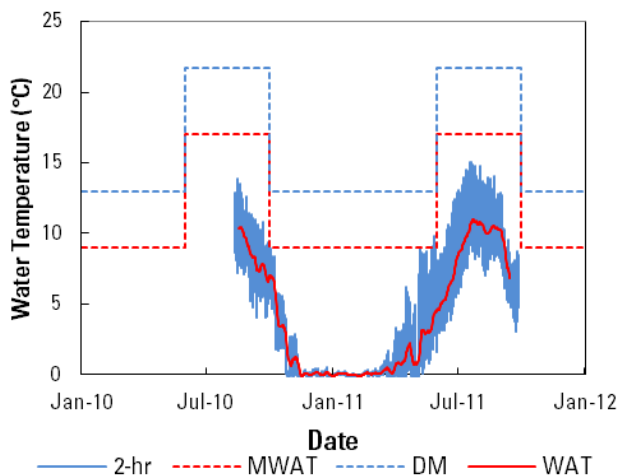


Figure 3. Two hour running mean (blue line) and weekly average water temperature (red line) at upper monitoring site on upper Medano Creek. Dashed lines represent Colorado Tier 1 Cold Water Criteria.

Table 1. Air and stream temperature metrics and discharge in 2010 and 2011.

	Year	2-hr Min (°C)	2-hr Max (°C)	Min WAT (°C)	Max WAT (°C)	Baseflow Discharge (cfs)
Water	2010 ^a	NA	NA	NA	NA	NA ^e
Data	2011 ^b	-0.14	15.08	-0.09	11.00	0.87 ^f
Air	2010 ^c	NA	NA	NA	NA	----
Data	2011 ^d	-35.45	28.41	-15.15	16.49	----

^a142 days of data (8/12/2010–12/31/2010); ^b270 days of data (1/01/2011–9/27/2011); ^c142 days of data (8/12/2010–12/31/2010); ^d142 days of data (1/01/2011–9/27/2011); ^eNo summer baseflow measurement taken in 2010; ^fmeasured 9/28/2011 and was not precipitation affected

Little Medano Creek

Site ID: 20
 HUC: San Luis
 Deployed: 8/12/2010
 Drainage Area: 1,162 ha
 Site Elevation: 2621 m
 RGCT Population ID: RGH3-01



Figure 1. Location of monitoring site on Little Medano Creek.

Population Information

Genetic Status: Unaltered
 Non-Natives: None present
 Barrier: No barrier present

Land Ownership:

USFS: 0.0%
 State: 0.0%
 Private: 0.0%
 Other: 100.0% (NPS: 100.0%)

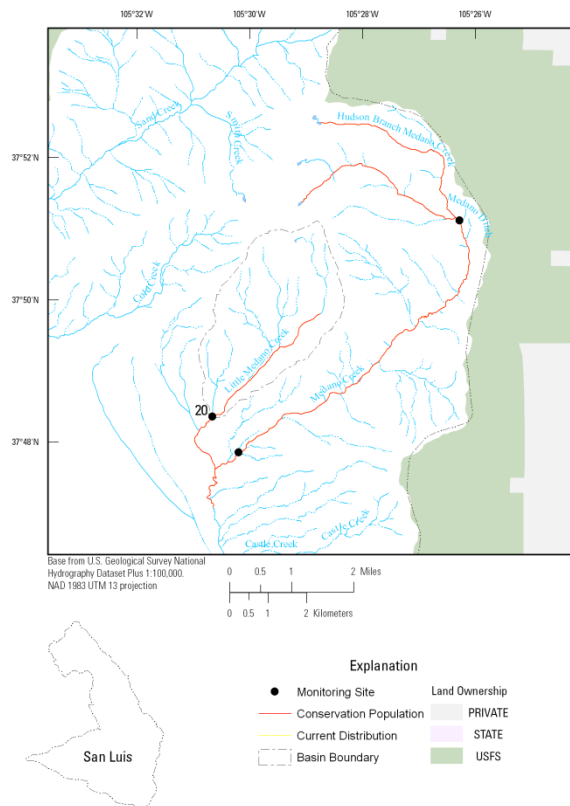


Figure 2. Location of monitoring site on Little Medano Creek.

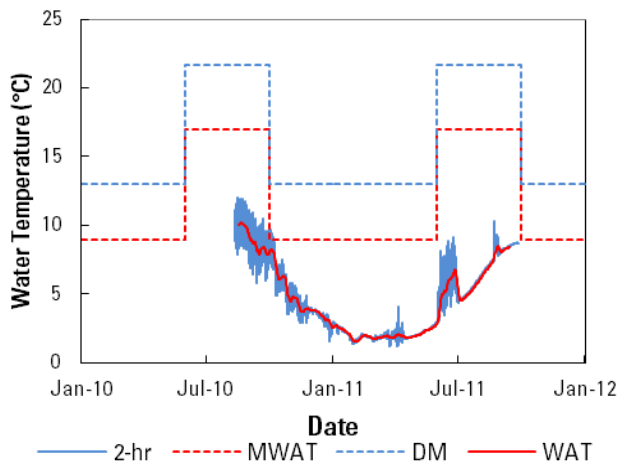


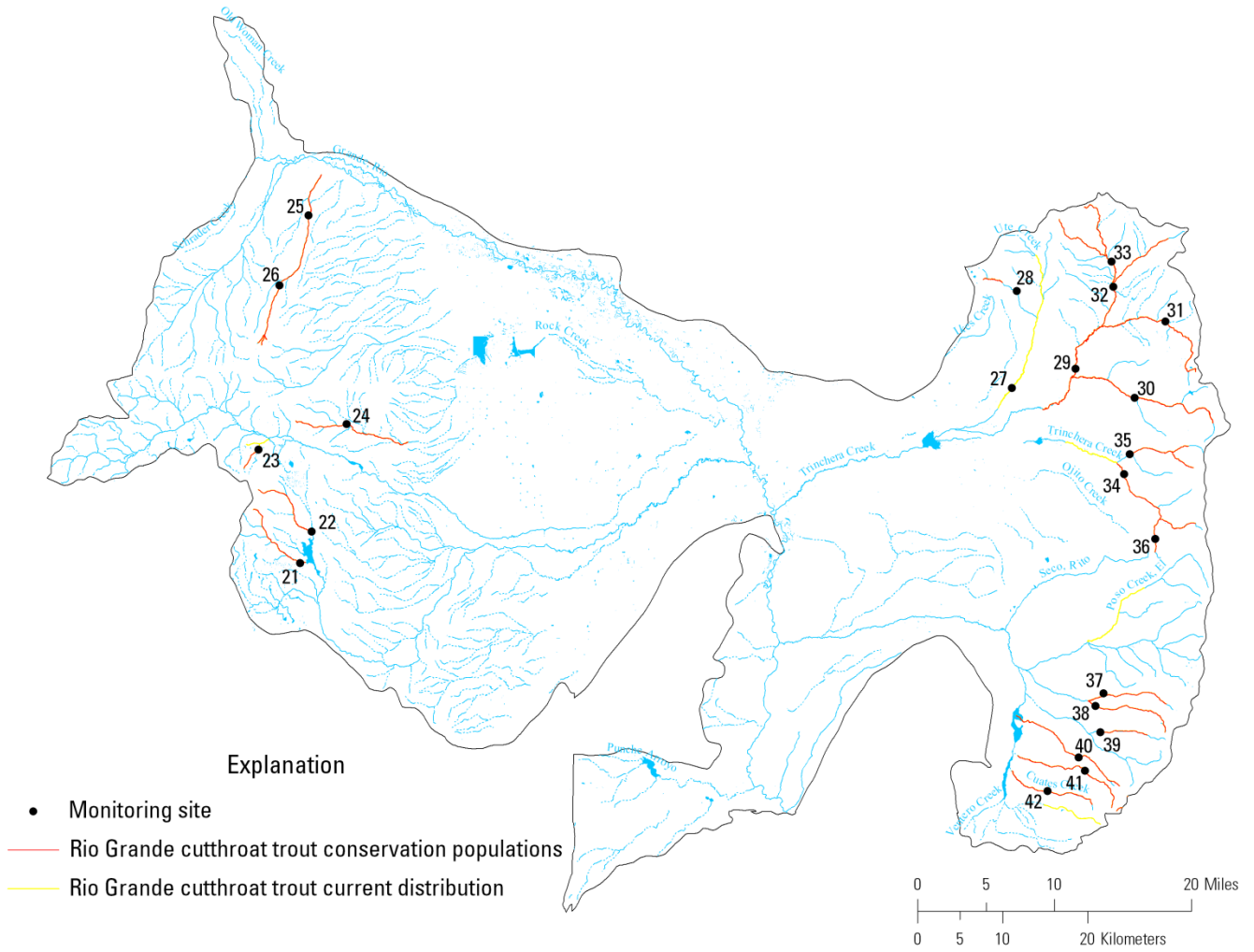
Figure 3. Two hour running mean (blue line) and weekly average water temperature (red line) at upper monitoring site on Little Medano Creek. Dashed lines represent Colorado Tier 1 Cold Water Criteria.

Table 1. Air and stream temperature metrics and discharge in 2010 and 2011.

	Year	2-hr Min (°C)	2-hr Max (°C)	Min WAT (°C)	Max WAT (°C)	Baseflow Discharge (cfs)
Water	2010 ^a	NA	NA	NA	NA	NA ^e
Data	2011 ^b	1.18	10.31	1.52	8.71	0.60 ^f
Air	2010 ^c	NA	NA	NA	NA	----
Data	2011 ^d	-27.83	27.17	-12.28	17.88	----

^a142 days of data (8/12/2010–12/31/2010); ^b291 days of data (1/01/2011–10/18/2011), data logger was buried by sediment upon retrieval and 2011 data is likely influenced; ^c142 days of data (8/12/2010–12/31/2010); ^d271 days of data (1/01/2011–10/18/2011); ^eNo summer baseflow measurement taken in 2010; ^fmeasured 10/19/2011 and was not precipitation affected

Alamosa-Trinchera



Jim Creek

Site ID: 21

HUC: Alamosa-Trinchera

Deployed: 10/05/2011

Drainage Area: 2,596 ha

Site Elevation: 2964 m

RGCT Population ID: RGH2-05



Figure 1. Monitoring site on Jim Creek.

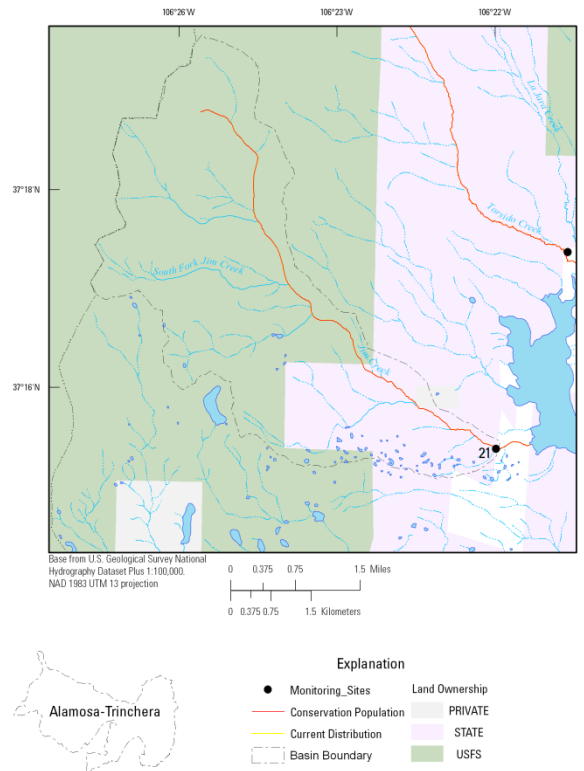


Figure 2. Location of monitoring site on Jim Creek.

Population Information

Genetic Status: Unaltered

Non-Natives: Brook trout

Barrier: None present

Land Ownership:

USFS: 77.1%

State: 22.3%

Private: 0.4%

Other: 0.2% (BLM = 50.0%; Local = 50.0%)

Table 1. Air and stream temperature metrics and discharge in 2010 and 2011.

	Year	2-hr Min (°C)	2-hr Max (°C)	Min WAT (°C)	Max WAT (°C)	Baseflow Discharge (cfs)
Water	2010 ^a	NA	NA	NA	NA	NA ^e
Data	2011 ^b	NA	NA	NA	NA	0.42 ^f
Air	2010 ^c	NA	NA	NA	NA	----
Data	2011 ^d	NA	NA	NA	NA	----

^aNo data collected in 2010; ^bNo data collected in 2011; ^cNo data collected in 2010; ^dNo data collected in 2011; ^eno summer baseflow discharge taken in 2010; ^fmeasured 10/05/2011 and was precipitation affected

Torsido Creek

Site ID: 22

HUC: Alamosa-Trinchera

Deployed: 10/05/2011

Drainage Area: 2,193 ha

Site Elevation: 2961 m

RGCT Population ID: RGH2-04



Figure 1. Monitoring site on Torsido Creek.

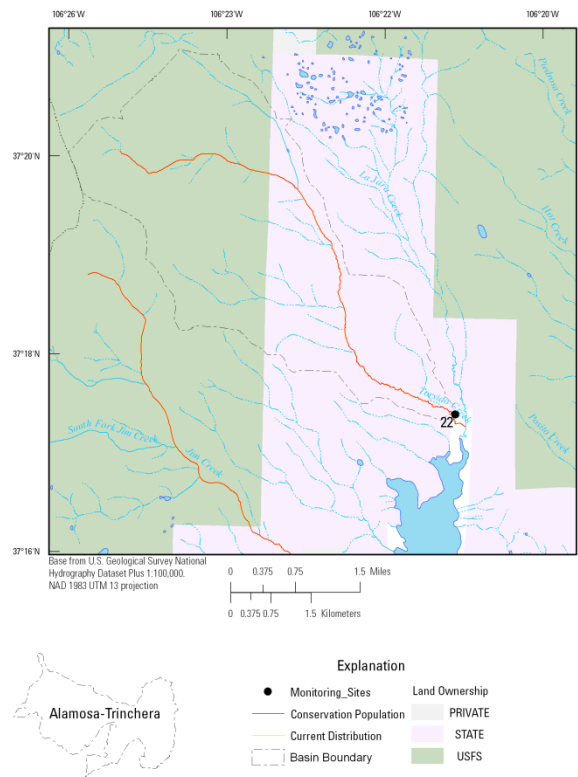


Figure 1. Location of monitoring site on Torsido Creek.

Population Information

Genetic Status: Suspected unaltered

Non-Natives: Brook trout

Barrier: No barrier present

Land Ownership:

USFS: 57.5%

State: 42.0%

Private: 0%

Other: 0.5% (Local = 100%)

Table 1. Air and stream temperature metrics and discharge in 2010 and 2011.

	Year	2-hr Min (°C)	2-hr Max (°C)	Min WAT (°C)	Max WAT (°C)	Baseflow Discharge (cfs)
Water	2010 ^a	NA	NA	NA	NA	NA ^e
Data	2011 ^b	NA	NA	NA	NA	0.60 ^f
Air	2010 ^c	NA	NA	NA	NA	----
Data	2011 ^d	NA	NA	NA	NA	----

^aNo data collected in 2010; ^bNo data collected in 2011; ^cNo data collected in 2010; ^dNo data collected in 2011; ^eno summer baseflow discharge taken in 2010; ^fmeasured 10/05/2011 and was precipitation affected

Rhodes Gulch

Site ID: 23

HUC: Alamosa-Trinchera

Deployed: 5/27/2010

Drainage Area: 713 ha

Site Elevation: 2960 m

RGCT Population ID: RGH2-03



Figure 1. Monitoring site on Rhodes Gulch.

Population Information

Genetic Status: > 1% and ≤ 10%

Non-Natives: None present

Barrier: Complete barrier present

Land Ownership:

USFS: 100.0%

State: 0.0%

Private: 0.0%

Other: 0.0%

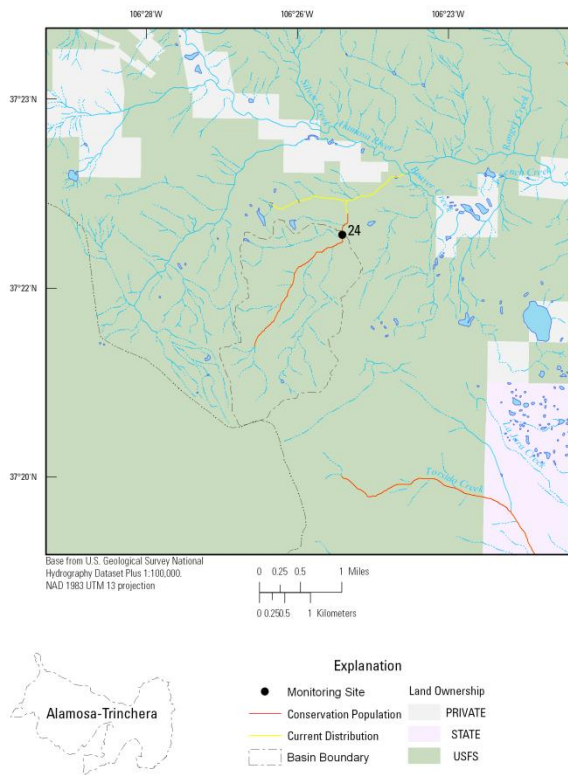


Figure 2. Location of monitoring site on Rhodes Gulch.

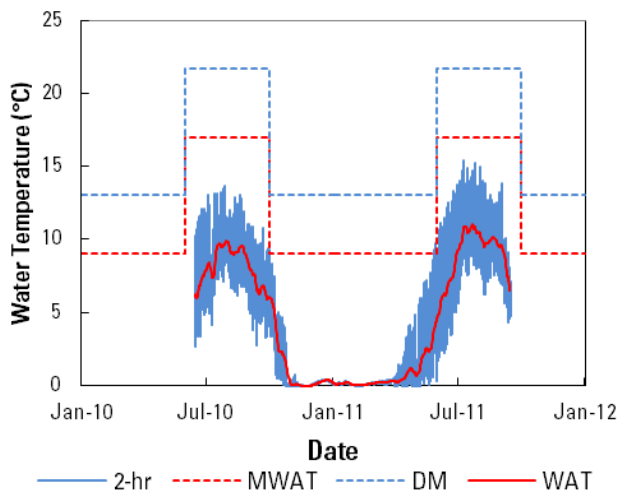


Figure 3. Two hour running mean (blue line) and weekly average water temperature (red line) at monitoring site on Rhodes Gulch. Dashed lines represent Colorado Tier 1 Cold Water Temperature Criteria.

Table 1. Air and stream temperature metrics and discharge in 2010 and 2011.

	Year	2-hr Min (°C)	2-hr Max (°C)	Min WAT (°C)	Max WAT (°C)	Baseflow Discharge (cfs)
Water	2010 ^a	-0.06	13.62	-0.03	9.90	0.42 ^e
Data	2011 ^b	-0.06	15.44	-0.02	11.02	0.44 ^f
Air	2010 ^c	-27.03	30.52	-13.11	14.40	----
Data	2011 ^d	-36.01	28.20	-16.89	14.34	----

^a211 days of data (6/04/2010–12/31/2010); ^b277 days of data (1/01/2011–10/04/2011); ^c211 days of data (6/04/2010–12/31/2010); ^d277 days of data (1/01/2011–10/04/2011); ^emeasured on 9/18/2010 and was not precipitation affected; ^fmeasured 10/05/2011 and was precipitation affected

Cat Creek

Site ID: 24

HUC: Alamosa-Trinchera

Deployed: 5/27/2010

Drainage Area: 2,080 ha

Site Elevation: 2683 m

RGCT Population ID: RGH2-02



Figure 1. Monitoring site on Cat Creek.

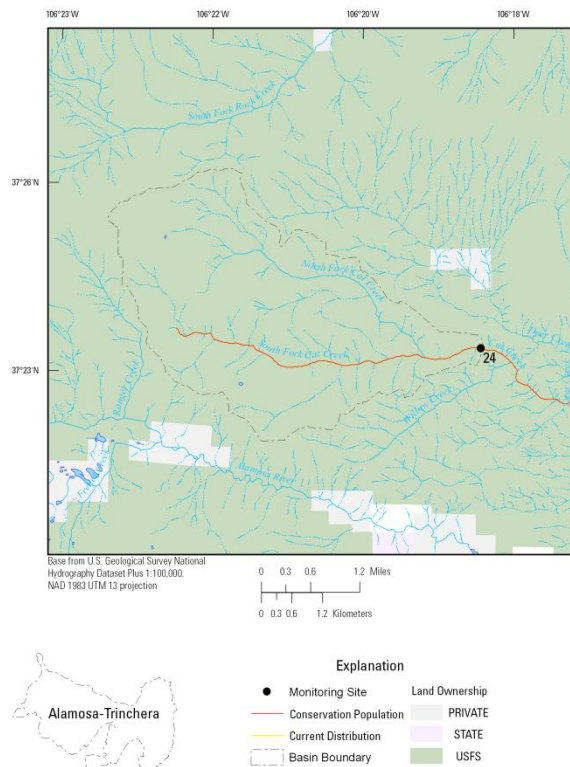


Figure 2. Location of monitoring site on Cat Creek.

Population Information

Genetic Status: Unaltered

Non-Natives: None present

Barrier: Complete barrier present

Land Ownership:

USFS: 100.0%

State: 0.0%

Private: 0.0%

Other: 0.0%

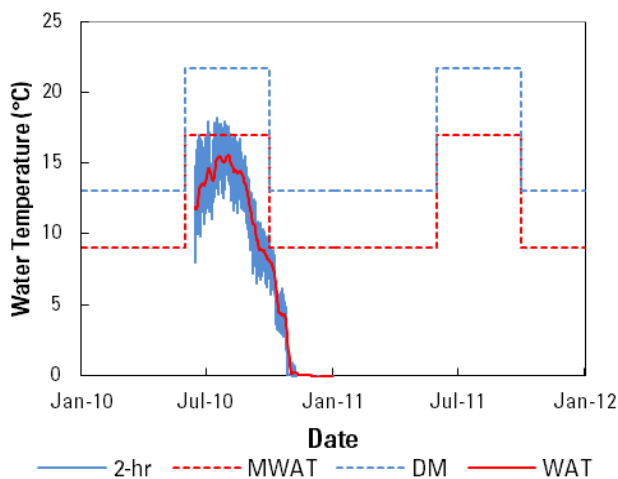


Figure 3. Two hour running mean (blue line) and weekly average water temperature (red line) at monitoring site on Cat Creek. Dashed lines represent Colorado Tier 1 Cold Water Temperature Standards.

Table 1. Air and stream temperature metrics and discharge in 2010 and 2011.

	Year	2-hr Min (°C)	2-hr Max (°C)	Min WAT (°C)	Max WAT (°C)	Baseflow Discharge (cfs)
Water	2010 ^a	-0.42	18.20	-0.14	15.57	0.02 ^e
Data	2011 ^b	Exposed	Exposed	Exposed	Exposed	0.04 ^f
Air	2010 ^c	-27.03	30.52	-13.11	14.40	----
Data	2011 ^d	-36.01	28.20	-16.89	14.34	----

^a211 days of data (6/04/2010 – 12/31/2010); ^bdata logger was exposed sometime during the summer of 2011 so no data is displayed; ^c211 days of data (6/04/2010 – 9/19/2010); ^d277 days of data (1/01/2011 – 10/04/2011); ^emeasured on 9/18/2010 and was not precipitation affected; ^fmeasured 10/05/2011 and was precipitation affected

San Francisco Creek

Site ID: 25

HUC: Alamosa-Trinchera

Deployed: 5/27/2010

Drainage Area: 3,636 ha

Site Elevation: 2533 m

RGCT Population ID: RGH2-01



Figure 1. Lower monitoring site on San Francisco Creek.

Population Information

Genetic Status: Unaltered

Non-Natives: None present

Barrier: Complete barrier present

Land Ownership:

USFS: 80.4%

State: 0.0%

Private: 19.6%

Other: 0.0%

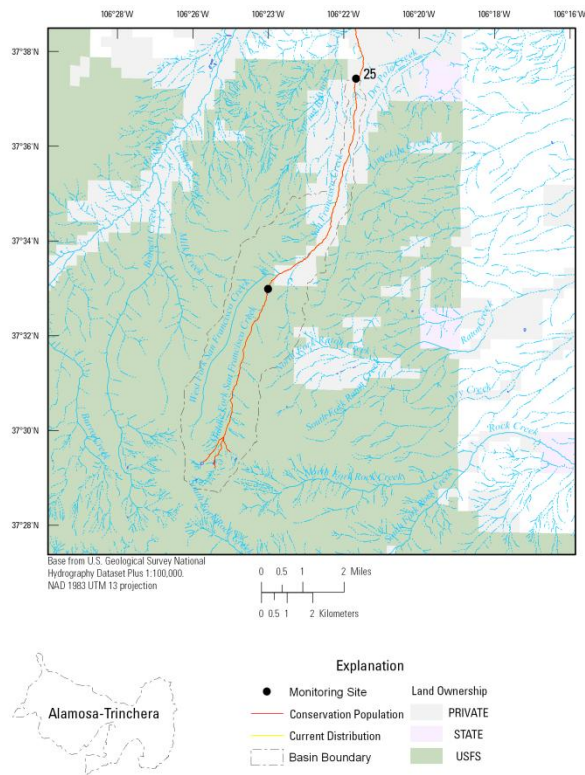


Figure 2. Location of lower monitoring site on San Francisco Creek.

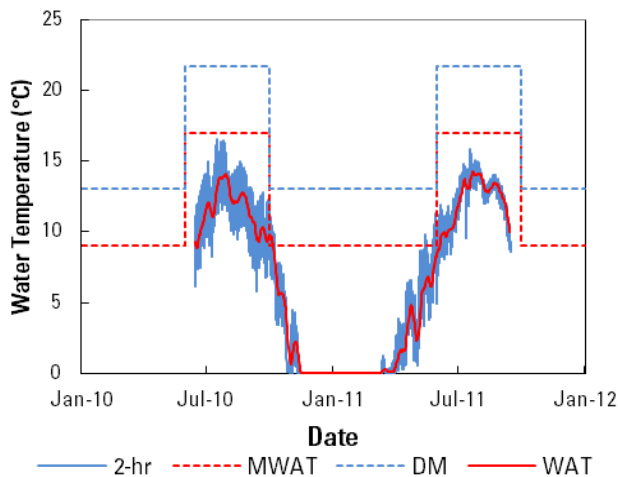


Figure 3. Two hour running mean (blue line) and weekly average water temperature (red line) at lower monitoring site on San Francisco Creek. Dashed lines represent Colorado Tier 1 Cold Water Temperature Standards.

Table 1. Air and stream temperature metrics and discharge in 2010 and 2011.

	Year	2-hr Min (°C)	2-hr Max (°C)	Min WAT (°C)	Max WAT (°C)	Baseflow Discharge (cfs)
Water	2010 ^a	-0.02	16.51	0.02	14.10	1.17 ^e
Data	2011 ^b	0.02	15.86	0.02	14.23	0.74 ^f
Air	2010 ^c	-21.87	28.65	-8.42	19.56	----
Data	2011 ^d	-30.20	29.75	-13.16	20.26	----

^a211 days of data (6/04/2010–12/31/2010); ^b290 days of data (1/01/2011–10/17/2011), data logger was buried by sediment upon retrieval and 2011 data is likely influenced; ^c211 days of data (6/04/2010–12/31/2010); ^d277 days of data (1/01/2011–10/04/2011); ^emeasured on 9/19/2010 and was not precipitation affected; ^fmeasured 10/05/2011 and was precipitation affected

San Francisco Creek

Site ID: 26

HUC: Alamosa-Trinchera

Deployed: 5/27/2010

Drainage Area: 1,281 ha

Site Elevation: 2920 m

RGCT Population ID: RGH2-01



Figure 1. Upper monitoring site on San Francisco Creek.

Population Information

Genetic Status: Unaltered

Non-Natives: None present

Barrier: Complete barrier present

Land Ownership:

USFS: 100.0%

State: 0.0%

Private: 0.0%

Other: 0.0%

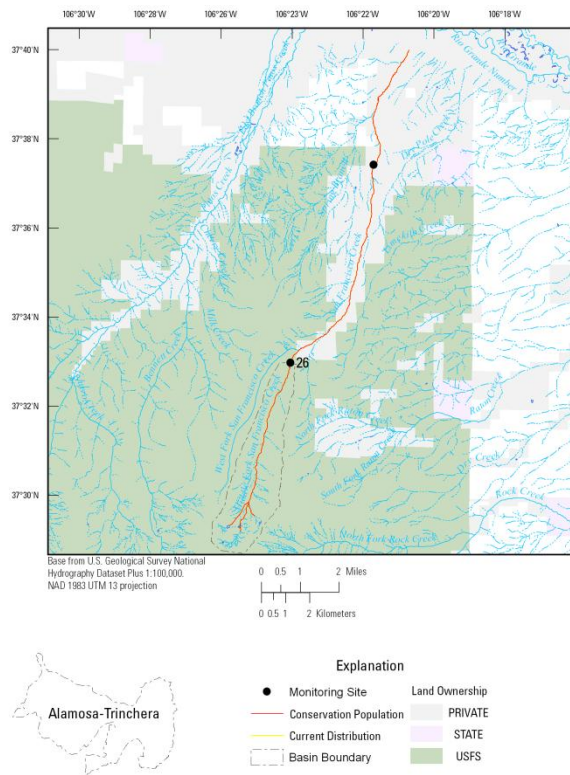


Figure 2. Location of upper monitoring site on San Francisco Creek.

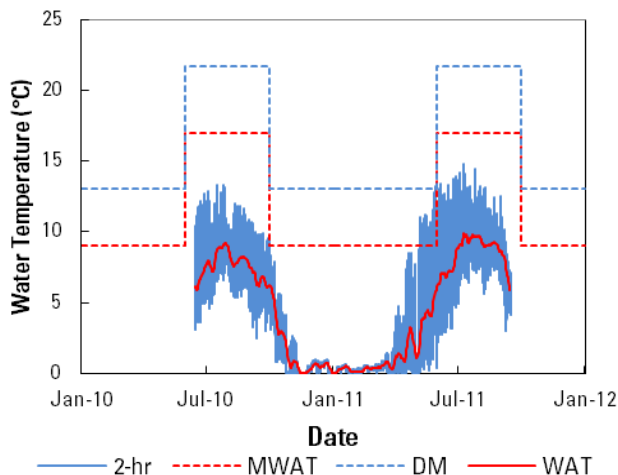


Figure 3. Two hour running mean (blue line) and weekly average water temperature (red line) at upper monitoring site on San Francisco Creek. Dashed lines represent Colorado Tier 1 Cold Water Temperature Standards.

Table 1. Air and stream temperature metrics and discharge in 2010 and 2011.

	Year	2-hr Min (°C)	2-hr Max (°C)	Min WAT (°C)	Max WAT (°C)	Baseflow Discharge (cfs)
Water	2010 ^a	-0.02	13.33	0.01	9.17	1.92 ^e
Data	2011 ^b	-0.02	14.76	0.03	9.87	1.24 ^f
Air	2010 ^c	-24.46	32.99	-11.27	13.71	----
Data	2011 ^d	-32.45	25.89	-15.61	15.95	----

^a211 days of data (6/04/2010–12/31/2010); ^b275 days of data (1/01/2011–10/02/2011); ^c106 days of data (9/17/2010–12/31/2010); ^d275 days of data (1/01/2011–10/02/2011); ^emeasured on 9/19/2010 and was not precipitation affected; ^fmeasured 10/03/2011 and was not precipitation affected

Ute Creek

Site ID: 27

HUC: Alamosa-Trinchera

Deployed: 6/02/2010

Drainage Area: 10,375 ha

Site Elevation: 2463 m

RGCT Population ID: No population



Figure 1. Monitoring site on Ute Creek.

Population Information

Genetic Status: NA

Non-Natives: NA

Barrier: NA

Land Ownership:

USFS: 0.0%

State: 0.0%

Private: 100.0%

Other: 0.0%

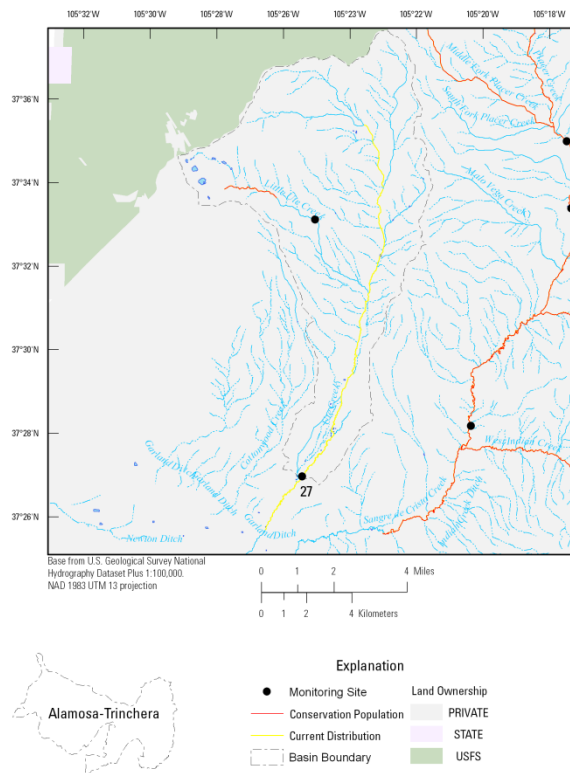


Figure 2. Location of monitoring site on Ute Creek.

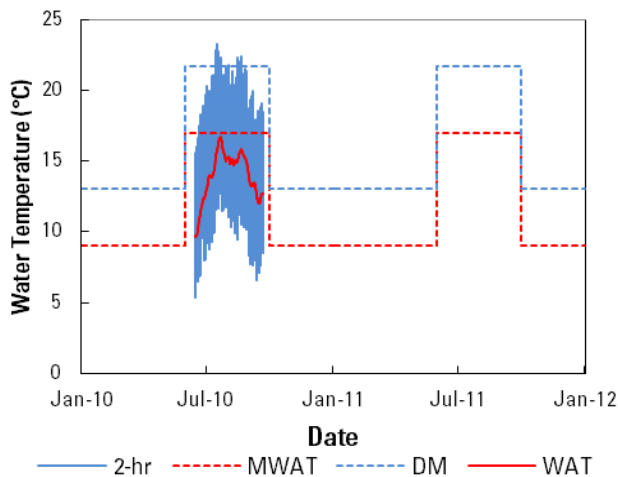


Figure 3. Two hour running mean (blue line) and weekly average water temperature (red line) at monitoring site on Ute Creek. Dashed lines represent Colorado Tier 1 Cold Water Temperature Criteria.

Table 1. Air and stream temperature metrics and discharge in 2010 and 2011.

	Year	2-hr Min (°C)	2-hr Max (°C)	Min WAT (°C)	Max WAT (°C)	Baseflow Discharge (cfs)
Water	2010	NA	23.26	NA	16.75	8.11 ^e
Data	2011	Lost	Lost	Lost	Lost	8.05 ^f
Air	2010	-20.76	30.29	-8.52	18.98	----
Data	2011	-33.53	31.59	-14.00	18.94	----

^a110 days of data (6/04/2010–9/21/2010); ^bdata logger was lost in 2011 and no data is presented; ^c211 days of data (6/04/2010–12/31/2010); ^d270 days of data (1/01/2011–9/27/2011); ^emeasured on 9/22/2010 and was precipitation affected; ^fmeasured 9/28/2011 and was not precipitation affected

Little Ute Creek

Site ID: 28

HUC: Alamosa-Trinchera

Deployed: 9/28/2011

Drainage Area: 1,391 ha

Site Elevation: 2792 m

RGCT Population ID: RGH2-17



Figure 1. Monitoring site on Little Ute Creek.

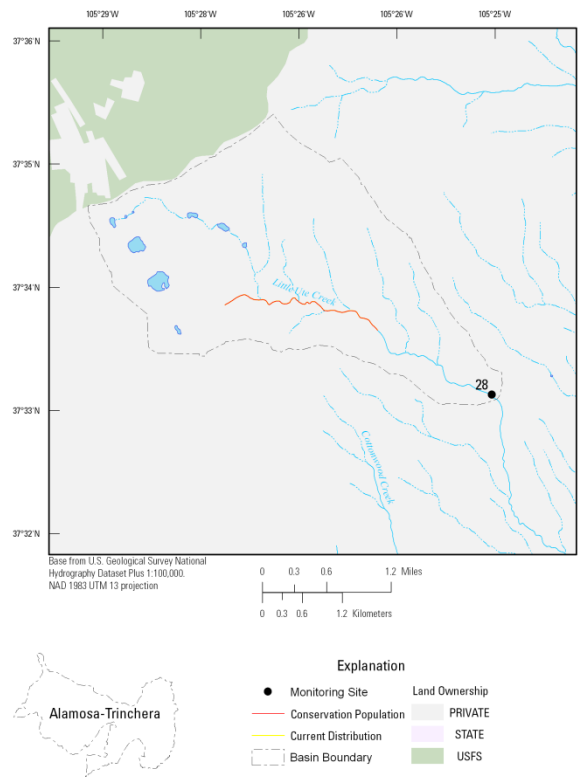


Figure 2. Location of monitoring site on Little Ute Creek.

Population Information

Genetic Status: Unaltered

Non-Natives: None present

Barrier: Complete barrier present

Land Ownership:

USFS: 0.0%

State: 0.0%

Private: 100.0%

Other: 0.0%

Table 1. Air and stream temperature metrics and discharge in 2010 and 2011.

	Year	2-hr Min (°C)	2-hr Max (°C)	Min WAT (°C)	Max WAT (°C)	Baseflow Discharge (cfs)
Water	2010 ^a	NA	NA	NA	NA	NA ^e
Data	2011 ^b	NA	NA	NA	NA	4.21 ^f
Air	2010 ^c	NA	NA	NA	NA	----
Data	2011 ^d	NA	NA	NA	NA	----

^aNo data collected in 2010; ^bNo data collected in 2011; ^cNo data collected in 2010; ^dNo data collected in 2011; ^eno summer baseflow discharge taken in 2010; ^fmeasured 9/28/2011 and was not precipitation affected

Sangre de Cristo Creek

Site ID: 29

HUC: Alamosa-Trinchera

Deployed: 5/27/2010

Drainage Area: 28,392 ha

Site Elevation: 2473 m

RGCT Population ID: RGH2-16



Figure 1. Lower monitoring site on Sangre de Cristo Creek.

Population Information

Genetic Status: Unaltered

Non-Natives: Brook trout

Barrier: Partial barrier present

Land Ownership:

USFS: 0.0%

State: 0.0%

Private: 100.0%

Other: 0.0%

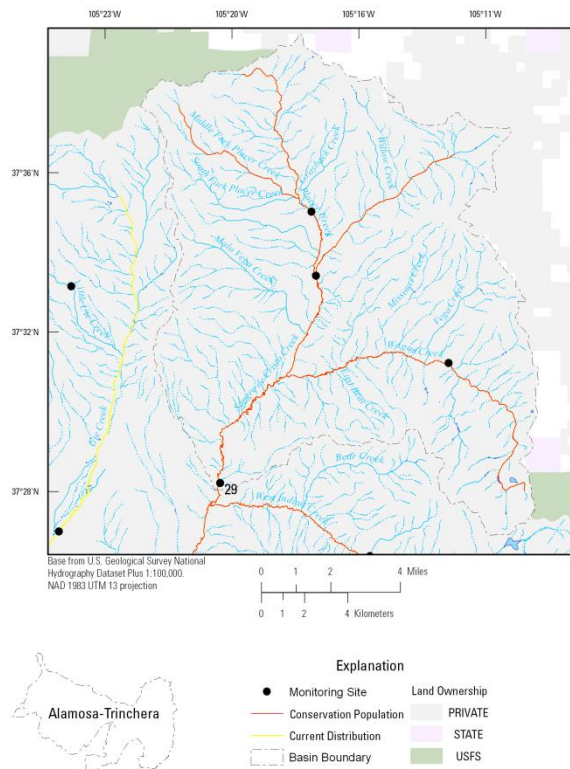


Figure 2. Location of lower monitoring site on Sangre de Cristo Creek.

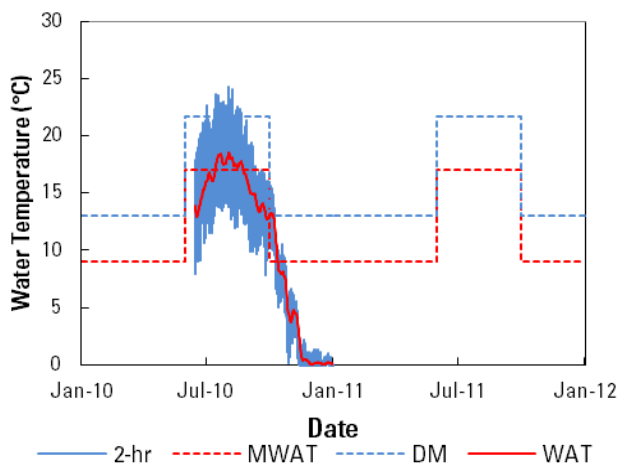


Figure 3. Two hour running mean (blue line) and weekly average water temperature (red line) at lower monitoring site on Sangre de Cristo Creek. Dashed lines Colorado Tier 1 Cold Water Temperature Criteria.

Table 1. Air and stream temperature metrics and discharge in 2010 and 2011.

	Year	2-hr Min (°C)	2-hr Max (°C)	Min WAT (°C)	Max WAT (°C)	Baseflow Discharge (cfs)
Water	2010	-0.06	24.32	0.05	18.49	3.48 ^e
Data	2011	Exposed	Exposed	Exposed	Exposed	1.41 ^f
Air	2010	-19.75	28.23	-7.35	19.30	----
Data	2011	-32.14	31.27	-13.55	19.28	----

^a110 days of data (6/04/2010–9/21/2010); ^bdata logger exposed in 2011 and no data is presented; ^c211 days of data (6/04/2010–12/31/2010); ^d269 days of data (1/01/2011–9/26/2011); ^emeasured on 9/22/2010 and was precipitation affected; ^fmeasured 9/27/2011 and was not precipitation affected

West Indian Creek

Site ID: 30

HUC: Alamosa-Trinchera

Deployed: 6/16/2010

Drainage Area: 6,797 ha

Site Elevation: 2606 m

RGCT Population ID: RGH2-15



Figure 1. Monitoring site on West Indian Creek.

Population Information

Genetic Status: Unaltered

Non-Natives: Brook trout

Barrier: Unknown

Land Ownership:

USFS: 0.0%

State: 0.0%

Private: 100.0%

Other: 0.0%

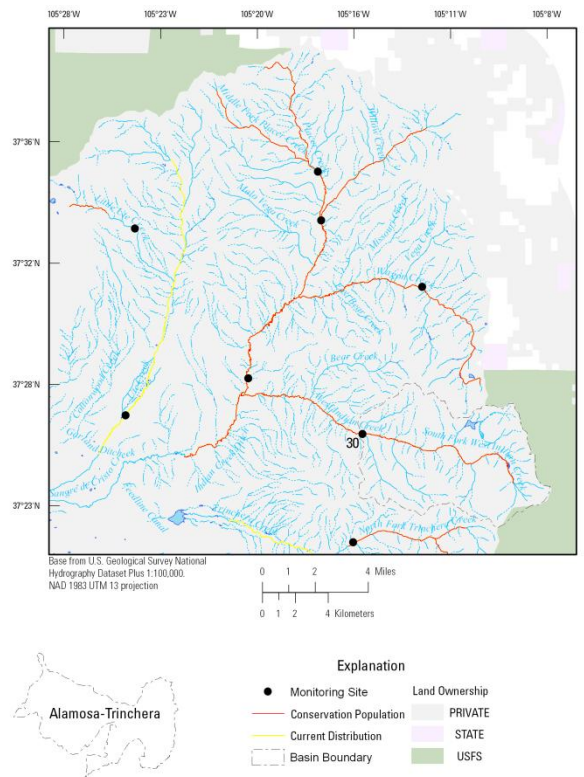


Figure 2. Location of monitoring site on West Indian Creek.

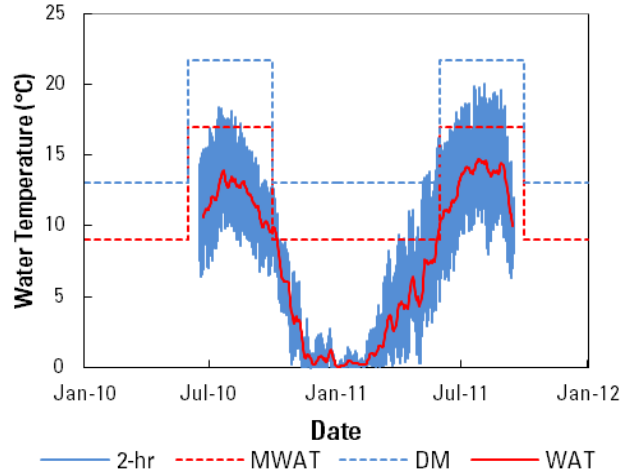


Figure 3. Two hour running mean (blue line) and weekly average water temperature (red line) at monitoring site on West Indian Creek. Dashed lines represent Colorado Tier 1 Cold Water Temperature Criteria.

Table 1. Air and stream temperature metrics and discharge in 2010 and 2011.

	Year	2-hr Min (°C)	2-hr Max (°C)	Min WAT (°C)	Max WAT (°C)	Baseflow Discharge (cfs)
Water	2010 ^a	-0.03	18.35	0.17	13.90	1.16 ^e
Data	2011 ^b	-0.02	20.08	0.03	14.72	0.20 ^f
Air	2010 ^c	NA	29.51	NA	17.73	----
Data	2011 ^d	Lost	Lost	Lost	Lost	----

^a198 days of data (6/18/2010–12/31/2010); ^b269 days of data (1/01/2011–9/26/2011); ^c97 days of data (6/18/2010–9/21/2010); ^ddata logger was lost in 2011 and no data is presented; ^emeasured on 9/22/2010 and was precipitation affected; ^fmeasured 9/27/2011 and was not precipitation affected

Wagon Creek

Site ID: 31

HUC: Alamosa-Trinchera

Deployed: 6/02/2010

Drainage Area: 3,902 ha

Site Elevation: 2641 m

RGCT Population ID: RGH2-16



Figure 1. Monitoring site on Wagon Creek.

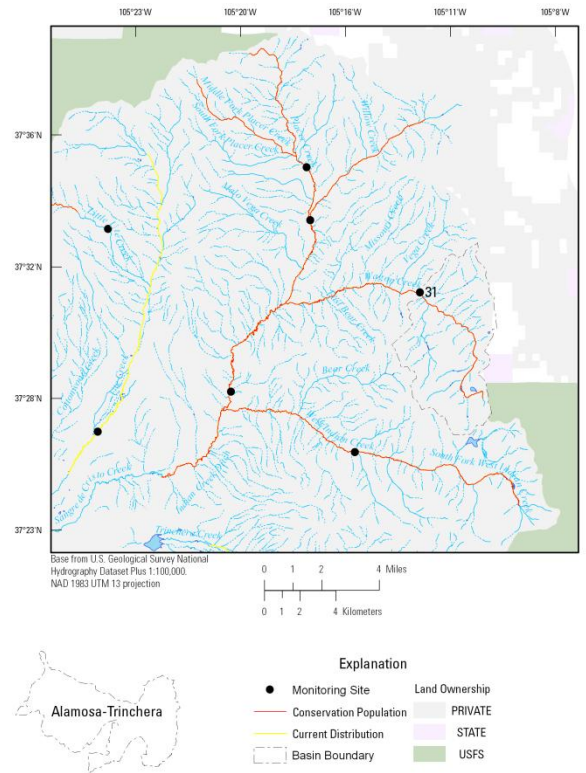


Figure 2. Location of monitoring site on Wagon Creek.

Population Information

Genetic Status: Unaltered

Non-Natives: Brook trout

Barrier: Partial barrier present

Land Ownership:

USFS: 0.0%

State: 0.0%

Private: 100.0%

Other: 0.0%

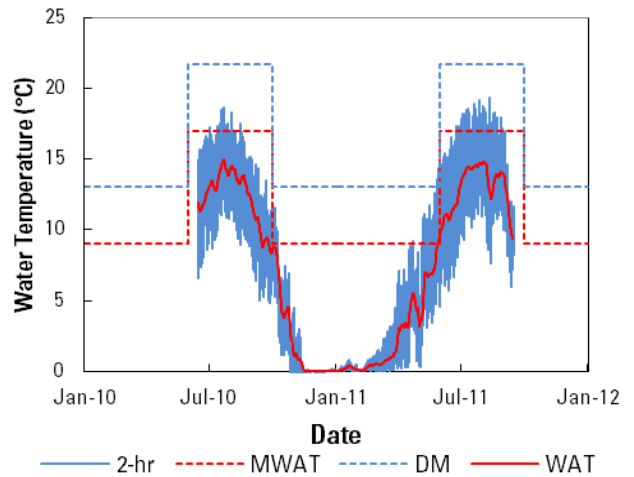


Figure 3. Two hour running mean (blue line) and weekly average water temperature (red line) at monitoring site on Wagon Creek. Dashed lines represent Colorado Tier 1 Cold Water Temperature Criteria.

Table 1. Air and stream temperature metrics and discharge in 2010 and 2011.

	Year	2-hr Min (°C)	2-hr Max (°C)	Min WAT (°C)	Max WAT (°C)	Baseflow Discharge (cfs)
Water	2010 ^a	-0.07	18.65	-0.02	14.98	0.63 ^e
Data	2011 ^b	0.00	19.31	0.03	14.82	0.07 ^f
Air	2010 ^c	-22.86	28.64	-8.02	16.90	----
Data	2011 ^d	-35.06	27.60	-15.54	17.08	----

^a211 days of data (6/04/2010–12/31/2010); ^b269 days of data (1/01/2011–9/26/2011); ^c211 days of data (6/04/2010–12/31/2010); ^d269 days of data (1/01/2011–9/26/2011); ^emeasured on 9/22/2010 and was precipitation affected; ^fmeasured 9/27/2011 and was not precipitation affected

Sangre de Cristo Creek

Site ID: 32

HUC: Alamosa-Trinchera

Deployed: 6/02/2010

Drainage Area: 10,894 ha

Site Elevation: 2568 m

RGCT Population ID: RGH2-16



Figure 1. Upper monitoring site on Sangre de Cristo Creek.

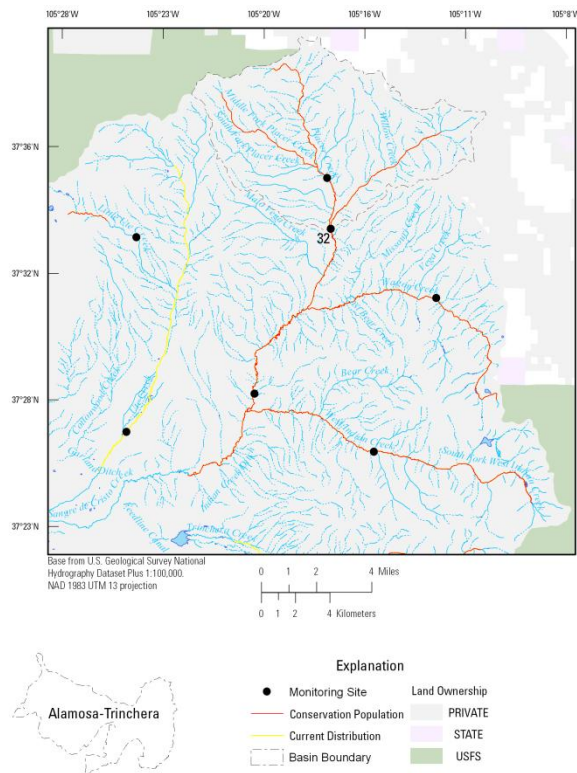


Figure 2. Location of upper monitoring site on Sangre de Cristo Creek.

Population Information

Genetic Status: Unaltered

Non-Natives: Brook trout

Barrier: Partial barrier present

Land Ownership:

USFS: 0.0%

State: 0.0%

Private: 100.0%

Other: 0.0%

Table 1. Air and stream temperature metrics and discharge in 2010 and 2011.

	Year	2-hr Min (°C)	2-hr Max (°C)	Min WAT (°C)	Max WAT (°C)	Baseflow Discharge (cfs)
Water	2010 ^a	NA	NA	NA	NA	NA ^e
Data	2011 ^b	NA	NA	NA	NA	1.70 ^f
Air	2010 ^c	NA	NA	NA	NA	----
Data	2011 ^d	NA	NA	NA	NA	----

^aNo data collected in 2010; ^bNo data collected in 2011; ^cNo data collected in 2010; ^dNo data collected in 2011; ^eno summer baseflow discharge taken in 2010; ^fmeasured 9/28/2011 and was not precipitation affected

Placer Creek

Site ID: 33

HUC: Alamosa-Trinchera

Deployed: 6/02/2010

Drainage Area: 5,744 ha

Site Elevation: 2608 m

RGCT Population ID: RGH2-16



Figure 1. Monitoring site on Placer Creek.

Population Information

Genetic Status: Unaltered

Non-Natives: Brook trout

Barrier: Complete barrier present

Land Ownership:

USFS: 0.0%

State: 0.0%

Private: 100.0%

Other: 0.0%

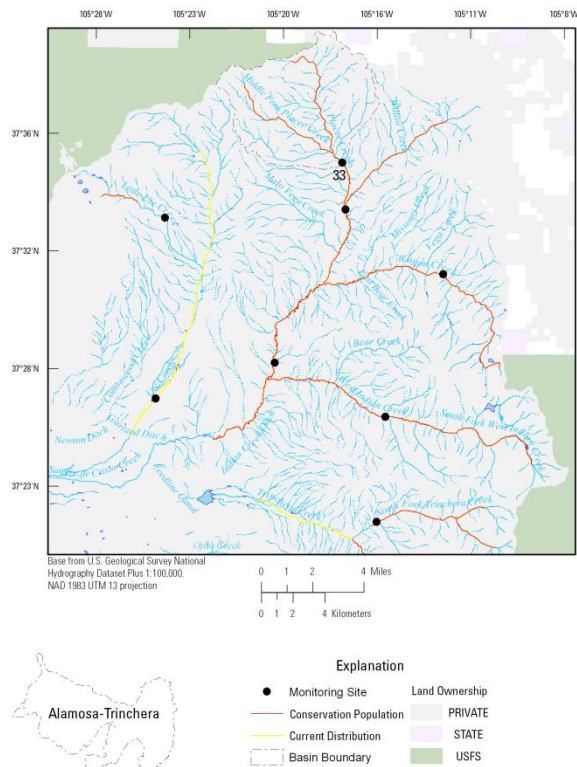


Figure 2. Location of monitoring site on Placer Creek.

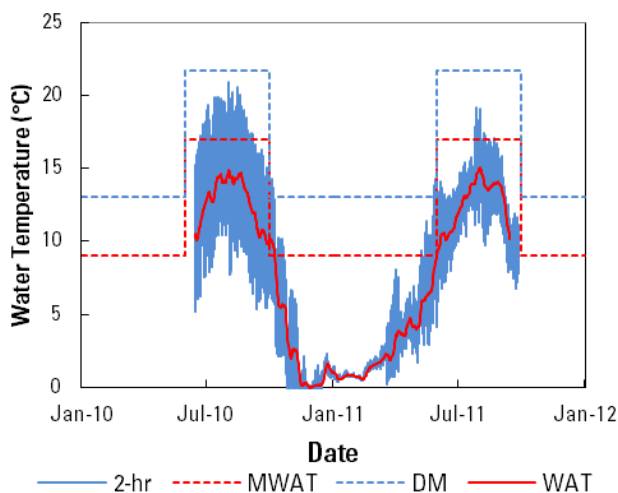


Figure 3. Two hour running mean (blue line) and weekly average water temperature (red line) at monitoring site on Placer Creek. Dashed lines represent Colorado Tier 1 Cold Water Temperature Criteria.

Table 1. Air and stream temperature metrics and discharge in 2010 and 2011.

	Year	2-hr Min (°C)	2-hr Max (°C)	Min WAT (°C)	Max WAT (°C)	Baseflow Discharge (cfs)
Water	2010 ^a	-0.07	20.88	-0.03	14.89	2.37 ^e
Data	2011 ^b	0.23	19.14	0.54	15.07	1.17 ^f
Air	2010 ^c	-21.30	26.61	-9.05	16.50	----
Data	2011 ^d	-37.63	27.00	-16.21	16.61	----

^a211 days of data (6/04/2010–12/31/2010); ^b270 days of data (1/01/2011–9/27/2011), data logger was buried by sediment upon retrieval and 2011 data is likely influenced; ^c211 days of data (6/04/2010–12/31/2010); ^d269 days of data (1/01/2011–9/26/2011); ^emeasured on 9/27/2010 and was not precipitation affected; ^fmeasured 9/27/2011 and was not precipitation affected

Trinchera Creek

Site ID: 34

HUC: Alamosa-Trinchera

Deployed: 6/02/2010

Drainage Area: 7,762 ha

Site Elevation: 2641 m

RGCT Population ID: RGH2-12



Figure 1. Monitoring site on Trinchera Creek.

Population Information

Genetic Status: Unaltered

Non-Natives: Brook trout

Barrier: No barrier present

Land Ownership:

USFS: 0.0%

State: 0.0%

Private: 100.0%

Other: 0.0%

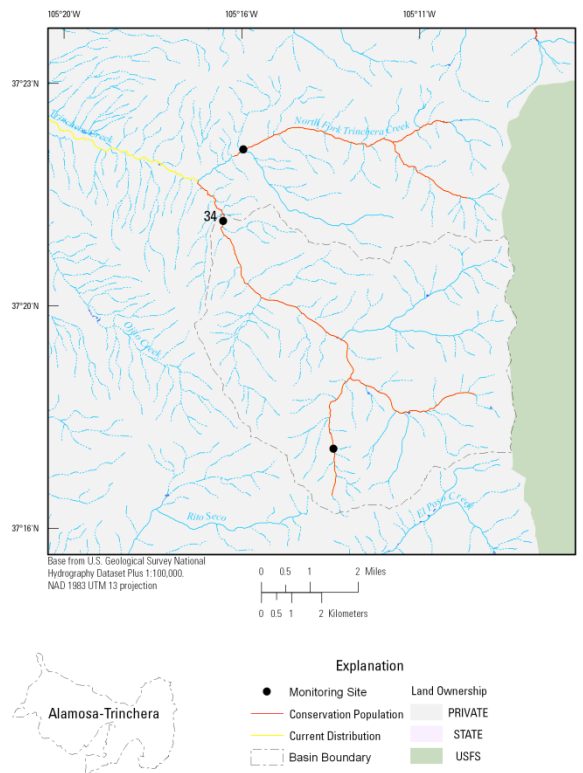


Figure 2. Location of monitoring site on Trinchera Creek.

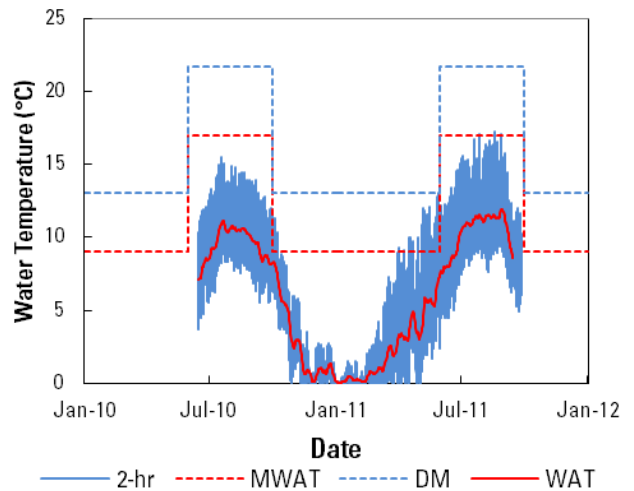


Figure 3. Two hour running mean (blue line) and weekly average water temperature (red line) at monitoring site on Trinchera Creek. Dashed lines represent Colorado Tier 1 Cold Water Temperature Criteria.

Table 1. Air and stream temperature metrics and discharge in 2010 and 2011.

	Year	2-hr Min (°C)	2-hr Max (°C)	Min WAT (°C)	Max WAT (°C)	Baseflow Discharge (cfs)
Water	2010 ^a	0.00	15.46	0.09	11.11	7.52 ^e
Data	2011 ^b	0.00	17.23	0.03	11.94	5.93 ^f
Air	2010 ^c	-19.75	27.59	-7.60	17.52	----
Data	2011 ^d	-32.79	27.63	-12.63	17.86	----

^a211 days of data (6/04/2010–12/31/2010); ^b269 days of data (1/01/2011–9/26/2011); ^c211 days of data (6/04/2010–12/31/2010); ^d269 days of data (1/01/2011–9/26/2011); ^emeasured on 9/27/2010 and was not precipitation affected; ^fmeasured 9/27/2011 and was not precipitation affected

North Fork Trincher Creek

Site ID: 35

HUC: Alamosa-Trincher

Deployed: 6/02/2010

Drainage Area: 4,094 ha

Site Elevation: 2673 m

RGCT Population ID: RGH2-14



Figure 1. Monitoring site on North Fork Trincher Creek.

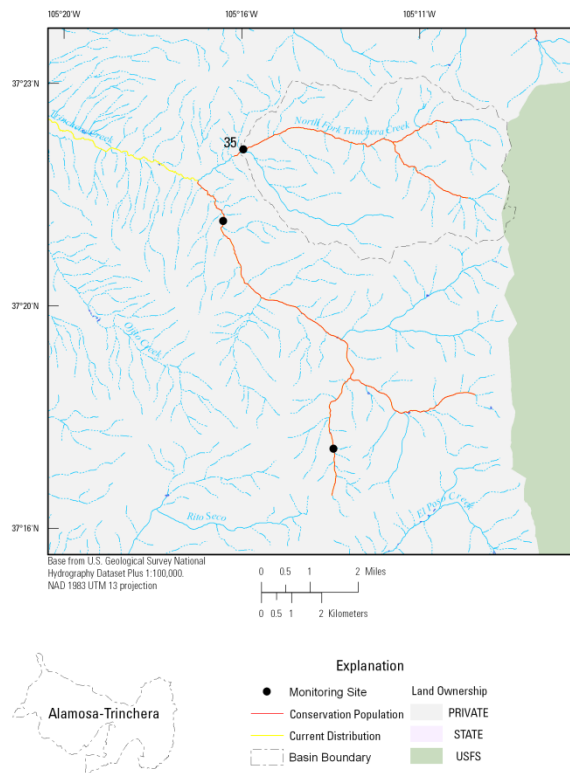


Figure 2. Location of monitoring site on North Fork Trincher Creek.

Population Information

Genetic Status: Suspected unaltered

Non-Natives: Brook trout

Barrier: Complete barrier present

Land Ownership:

USFS: 0.0%

State: 0.0%

Private: 100.0%

Other: 0.0%

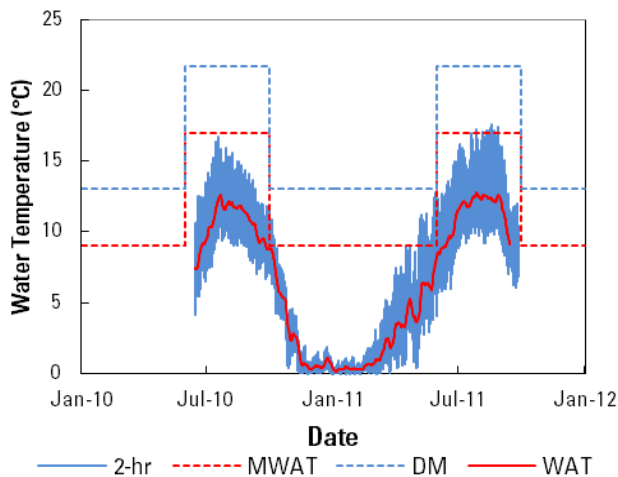


Figure 3. Two hour running mean (blue line) and weekly average water temperature (red line) at monitoring site on North Fork Trincher Creek. Dashed lines represent Colorado Tier 1 Cold Water Temperature Criteria.

Table 1. Air and stream temperature metrics and discharge in 2010 and 2011.

	Year	2-hr Min (°C)	2-hr Max (°C)	Min WAT (°C)	Max WAT (°C)	Baseflow Discharge (cfs)
Water	2010 ^a	-0.05	16.71	0.24	12.60	1.34 ^e
Data	2011 ^b	-0.06	17.56	0.13	12.75	0.75 ^f
Air	2010 ^c	-20.84	31.11	-8.38	17.48	----
Data	2011 ^d	-31.30	29.15	-13.46	17.39	----

^a211 days of data (6/04/2010–12/31/2010); ^b269 days of data (1/01/2011–9/26/2011); ^c211 days of data (6/04/2010–12/31/2010); ^d269 days of data (1/01/2011–9/26/2011); ^emeasured on 9/27/2010 and was not precipitation affected; ^fmeasured 9/27/2011 and was not precipitation affected

Deep Canyon Creek

Site ID: 36

HUC: Alamosa-Trinchera

Deployed: 6/02/2010

Drainage Area: 399 ha

Site Elevation: 3125 m

RGCT Population ID: RGH2-12



Figure 1. Monitoring site on Deep Canyon Creek.

Population Information

Genetic Status: Unaltered

Non-Natives: Brook trout

Barrier: No barrier present

Land Ownership:

USFS: 0.0%

State: 0.0%

Private: 100.0%

Other: 0.0%

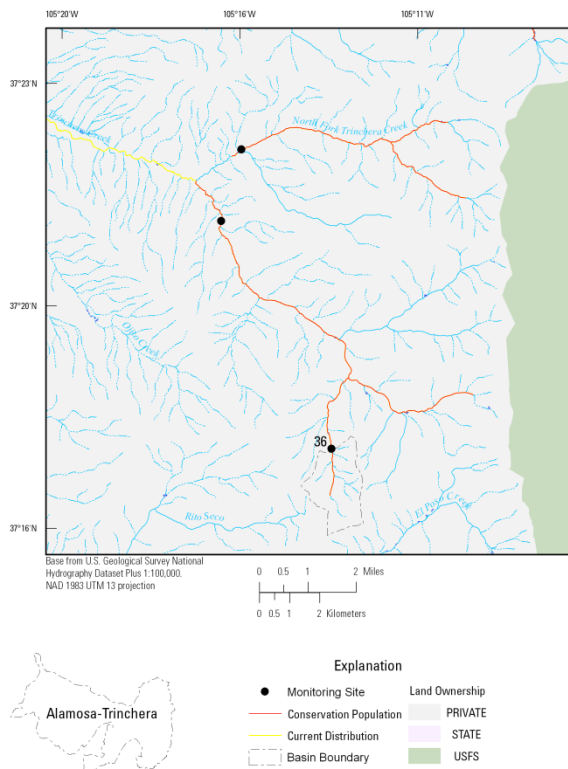


Figure 2. Location of monitoring site on Deep Canyon Creek.

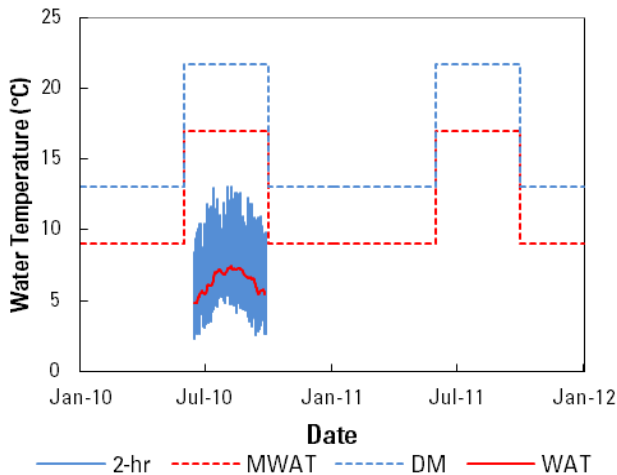


Figure 3. Two hour running mean (blue line) and weekly average water temperature (red line) at monitoring site on Deep Canyon Creek. Dashed lines represent Colorado Tier 1 Cold Water Temperature Criteria.

Table 1. Air and stream temperature metrics and discharge in 2010 and 2011.

	Year	2-hr Min (°C)	2-hr Max (°C)	Min WAT (°C)	Max WAT (°C)	Baseflow Discharge (cfs)
Water	2010 ^a	NA	13.04	NA	7.44	0.43 ^e
Data	2011 ^b	Lost	Lost	Lost	Lost	0.29 ^f
Air	2010 ^c	-21.67	24.38	-10.70	13.16	----
Data	2011 ^d	-34.35	24.21	-15.94	13.90	----

^a115 days of data (6/04/2010–9/26/2010); ^bdata logger lost in 2011 and no data is presented; ^c211 days of data (6/04/2010–12/31/2010); ^d269 days of data (1/01/2011–9/26/2011); ^emeasured on 9/27/2010 and was not precipitation affected; ^fmeasured 9/27/2011 and was not precipitation affected

North Fork Vallegos Creek

Site ID: 37

HUC: Alamosa-Trinchera

Deployed: 9/26/2011

Drainage Area: 2,971 ha

Site Elevation: 2725 m

RGCT Population ID: RGH2-11



Figure 1. Monitoring site on North Fork Vallegos Creek.

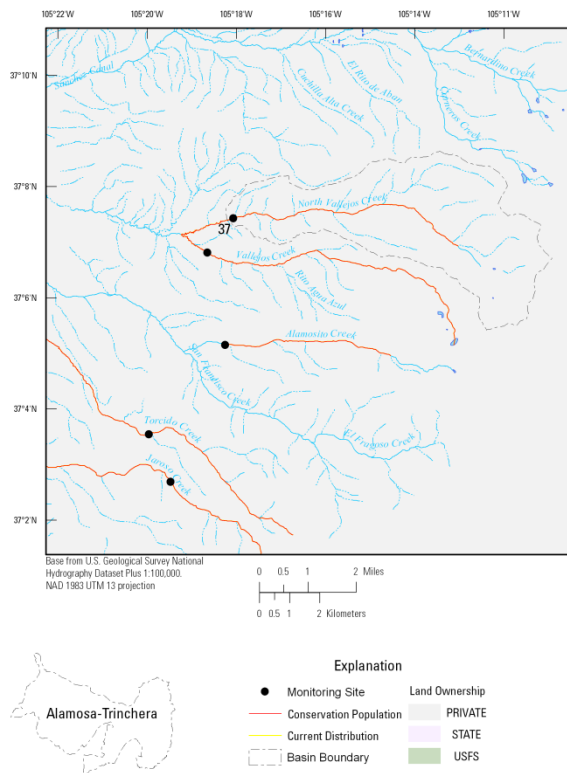


Figure 2. Location of monitoring site on North Fork Vallegos Creek.

Population Information

Genetic Status: Unaltered

Non-Natives: Brown trout

Barrier: No barrier present

Land Ownership:

USFS: 0.0%

State: 0.0%

Private: 100.0%

Other: 0.0%

Table 1. Air and stream temperature metrics and discharge in 2010 and 2011.

	Year	2-hr Min (°C)	2-hr Max (°C)	Min WAT (°C)	Max WAT (°C)	Baseflow Discharge (cfs)
Water	2010 ^a	NA	NA	NA	NA	NA ^e
Data	2011 ^b	NA	NA	NA	NA	10.36 ^f
Air	2010 ^c	NA	NA	NA	NA	----
Data	2011 ^d	NA	NA	NA	NA	----

^aNo data collected in 2010; ^bNo data collected in 2011; ^cNo data collected in 2010; ^dNo data collected in 2011; ^eno summer baseflow discharge taken in 2010; ^fmeasured 9/26/2011 and was not precipitation affected

South Fork Vallegos Creek

Site ID: 38

HUC: Alamosa-Trinchera

Deployed: 9/26/2011

Drainage Area: 2,200 ha

Site Elevation: 2668 m

RGCT Population ID: RGH2-11



Figure 1. Monitoring site on South Fork Vallegos Creek.

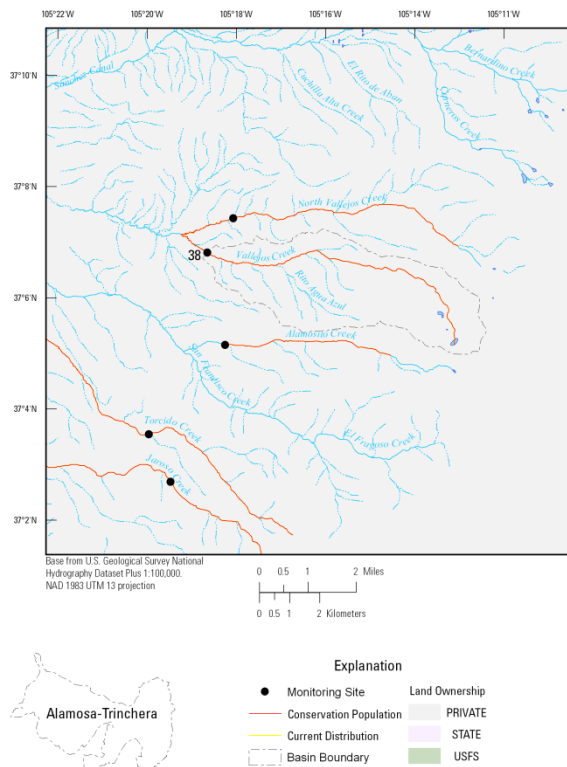


Figure 2. Location of monitoring site on South Fork Vallegos Creek.

Population Information

Genetic Status: Unaltered

Non-Natives: Brown trout

Barrier: No barrier present

Land Ownership:

USFS: 0.0%

State: 0.0%

Private: 100.0%

Other: 0.0%

Table 1. Air and stream temperature metrics and discharge in 2010 and 2011.

	Year	2-hr Min (°C)	2-hr Max (°C)	Min WAT (°C)	Max WAT (°C)	Baseflow Discharge (cfs)
Water	2010 ^a	NA	NA	NA	NA	NA ^e
Data	2011 ^b	NA	NA	NA	NA	0.69 ^f
Air	2010 ^c	NA	NA	NA	NA	----
Data	2011 ^d	NA	NA	NA	NA	----

^aNo data collected in 2010; ^bNo data collected in 2011; ^cNo data collected in 2010; ^dNo data collected in 2011; ^eno summer baseflow discharge taken in 2010; ^fmeasured 9/26/2011 and was not precipitation affected

Alamosito Creek

Site ID: 39

HUC: Alamosa-Trinchera

Deployed: 5/28/2010

Drainage Area: 1,294 ha

Site Elevation: 2796 m

RGCT Population ID: RGH2-10



Figure 1. Monitoring site on Alamosito Creek.

Population Information

Genetic Status: Unaltered

Non-Natives: None present

Barrier: Complete barrier present

Land Ownership:

USFS: 0.0%

State: 0.0%

Private: 100.0%

Other: 0.0%

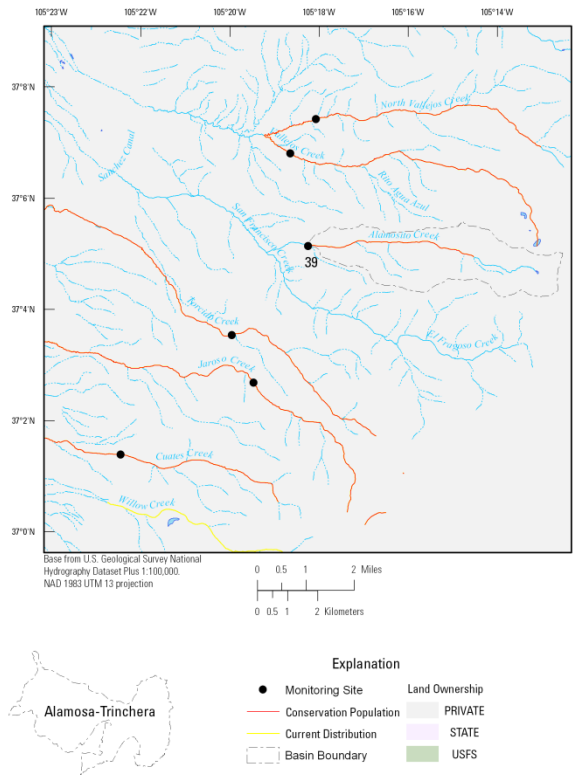


Figure 2. Location of monitoring site on Alamosito Creek.

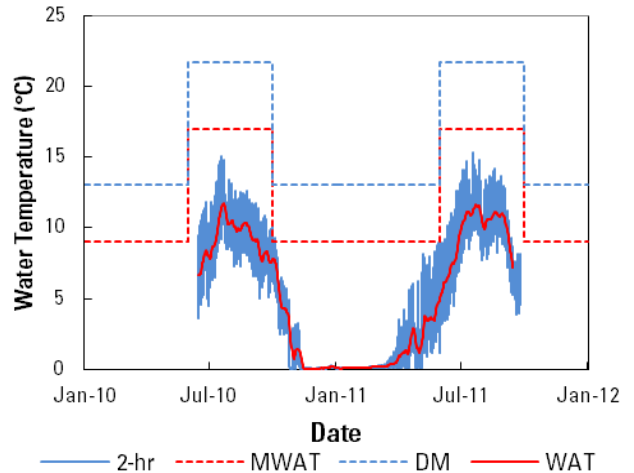


Figure 3. Two hour running mean (blue line) and weekly average water temperature (red line) at monitoring site on Alamosito Creek. Dashed lines represent Colorado Tier 1 Cold Water Temperature Criteria.

Table 1. Air and stream temperature metrics and discharge in 2010 and 2011.

	Year	2-hr Min (°C)	2-hr Max (°C)	Min WAT (°C)	Max WAT (°C)	Baseflow Discharge (cfs)
Water	2010 ^a	0.02	15.09	0.04	11.77	1.20 ^e
Data	2011 ^b	0.05	15.34	0.05	11.65	0.83 ^f
Air	2010 ^c	-20.48	28.02	-8.54	18.25	----
Data	2011 ^d	-29.42	27.30	-13.18	17.86	----

^a211 days of data (6/04/2010–12/31/2010); ^b268 days of data (1/01/2011–9/25/2011); ^c211 days of data (6/04/2010–12/31/2010); ^d268 days of data (1/01/2011–9/25/2011); ^emeasured on 9/26/2010 and was not precipitation affected; ^fmeasured 9/26/2011 and was not precipitation affected

Torcido Creek

Site ID: 40

HUC: Alamosa-Trinchera

Deployed: 5/28/2010

Drainage Area: 1,208 ha

Site Elevation: 2961 m

RGCT Population ID: RGH2-07



Figure 1. Monitoring site on Torcido Creek.

Population Information

Genetic Status: Unaltered

Non-Natives: None present

Barrier: Complete barrier present

Land Ownership:

USFS: 0.0%

State: 0.0%

Private: 100.0%

Other: 0.0%

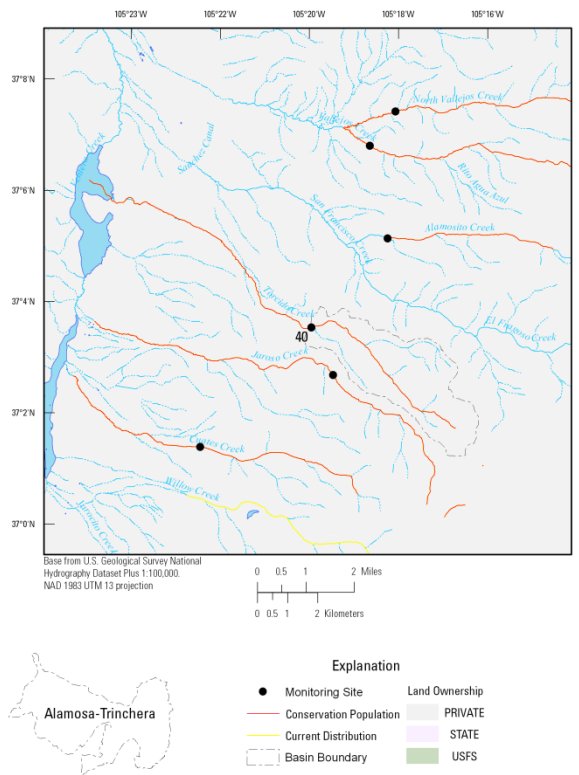


Figure 2. Location of monitoring site on Torcido Creek.

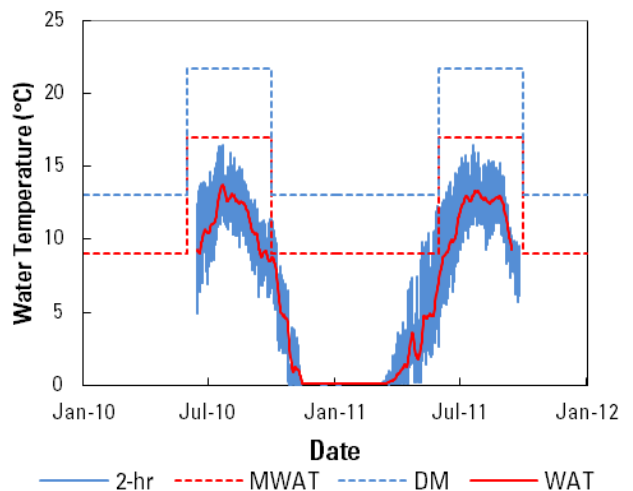


Figure 3. Two hour running mean (blue line) and weekly average water temperature (red line) at monitoring site on Torcido Creek. Dashed lines represent Colorado Tier 1 Cold Water Temperature Standards.

Table 1. Air and stream temperature metrics and discharge in 2010 and 2011.

	Year	2-hr Min (°C)	2-hr Max (°C)	Min WAT (°C)	Max WAT (°C)	Baseflow Discharge (cfs)
Water	2010 ^a	0.04	16.49	0.06	13.78	0.22 ^e
Data	2011 ^b	0.05	16.43	0.07	13.32	0.10 ^f
Air	2010 ^c	-23.59	28.18	-10.09	16.86	----
Data	2011 ^d	-32.98	29.23	-14.70	17.30	----

^a211 days of data (6/04/2010–12/31/2010); ^b268 days of data (1/01/2011–9/25/2011); ^c211 days of data (6/04/2010–12/31/2010); ^d268 days of data (1/01/2011–9/25/2011); ^emeasured on 9/26/2010 and was not precipitation affected; ^fmeasured 9/26/2011 and was not precipitation affected

Jaroso Creek

Site ID: 41

HUC: Alamosa-Trinchera

Deployed: 5/28/2010

Drainage Area: 1,203 ha

Site Elevation: 2932 m

RGCT Population ID: RGH2-09



Figure 1. Monitoring site on Jaroso Creek.

Population Information

Genetic Status: Suspected unaltered

Non-Natives: Brook trout

Barrier: Complete barrier present

Land Ownership:

USFS: 0.0%

State: 0.0%

Private: 100.0%

Other: 0.0%

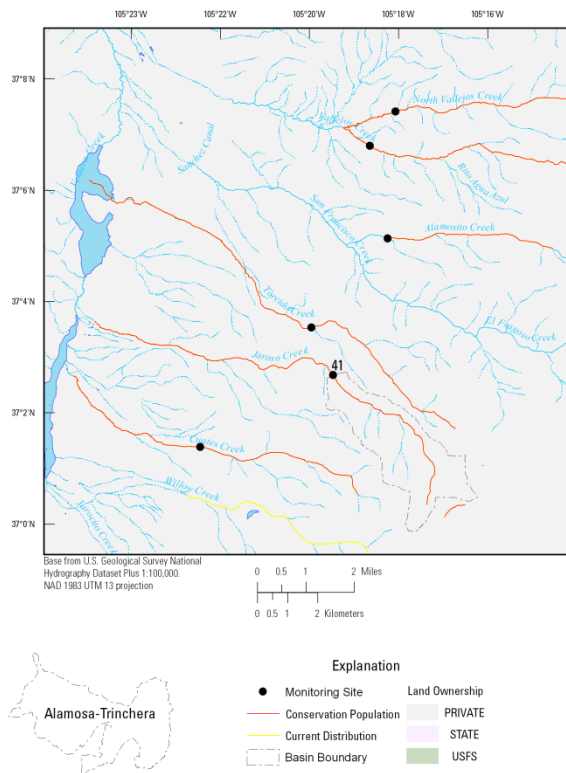


Figure 2. Location of monitoring site on Jaroso Creek.

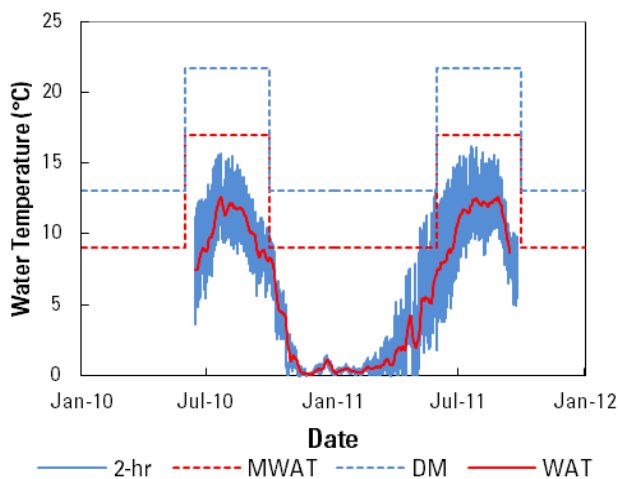


Figure 3. Two hour running mean (blue line) and weekly average water temperature (red line) at monitoring site on Jaroso Creek. Dashed lines represent Colorado Tier 1 Cold Water Temperature Criteria.

Table 1. Air and stream temperature metrics and discharge in 2010 and 2011.

	Year	2-hr Min (°C)	2-hr Max (°C)	Min WAT (°C)	Max WAT (°C)	Baseflow Discharge (cfs)
Water	2010 ^a	-0.03	15.65	0.03	12.61	1.10 ^e
Data	2011 ^b	-0.03	16.20	0.11	12.59	0.82 ^f
Air	2010 ^c	-22.58	29.50	-8.62	18.22	----
Data	2011 ^d	-29.09	29.70	-13.22	18.63	----

^a211 days of data (6/04/2010–12/31/2010); ^b268 days of data (1/01/2011–9/25/2011); ^c211 days of data (6/04/2010–12/31/2010); ^d268 days of data (1/01/2011–9/25/2011); ^emeasured on 9/26/2010 and was not precipitation affected; ^fmeasured 9/26/2011 and was not precipitation affected

Cuates Creek

Site ID: 42

HUC: Alamosa-Trinchera

Deployed: 5/28/2010

Drainage Area: 1,282 ha

Site Elevation: 2691 m

RGCT Population ID: RGH2-06



Figure 1. Monitoring site on Cuates Creek.

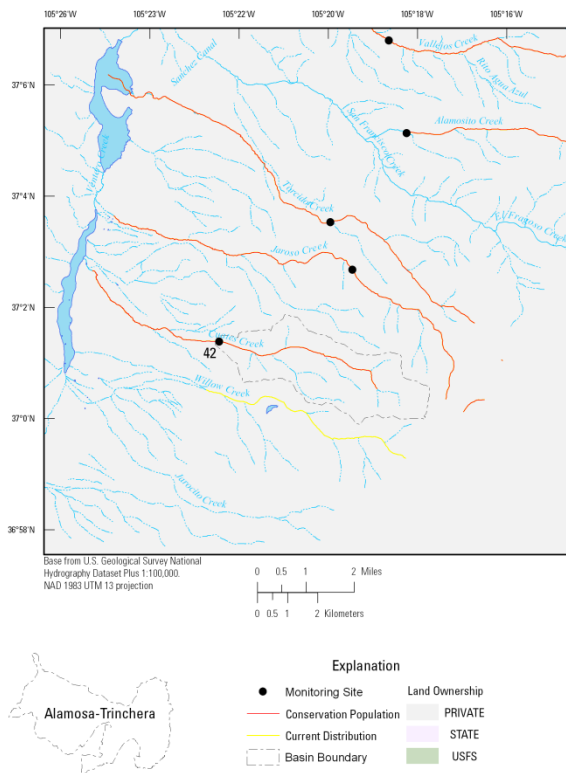


Figure 2. Location of monitoring site on Cuates Creek.

Population Information

Genetic Status: Unaltered

Non-Natives: Unknown

Barrier: Complete barrier present

Land Ownership:

USFS: 0.0%

State: 0.0%

Private: 100.0%

Other: 0.0%

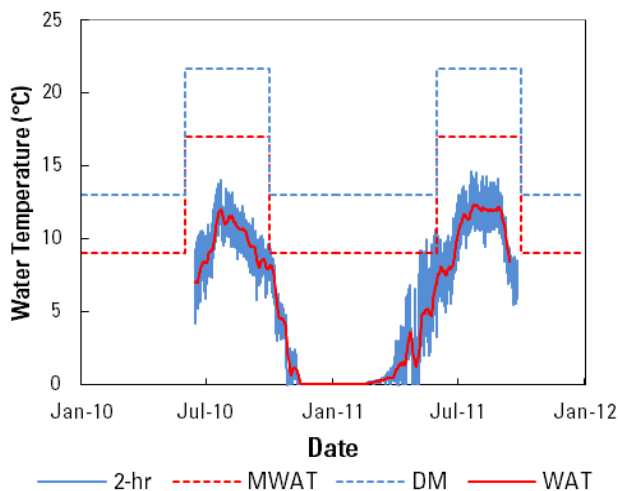


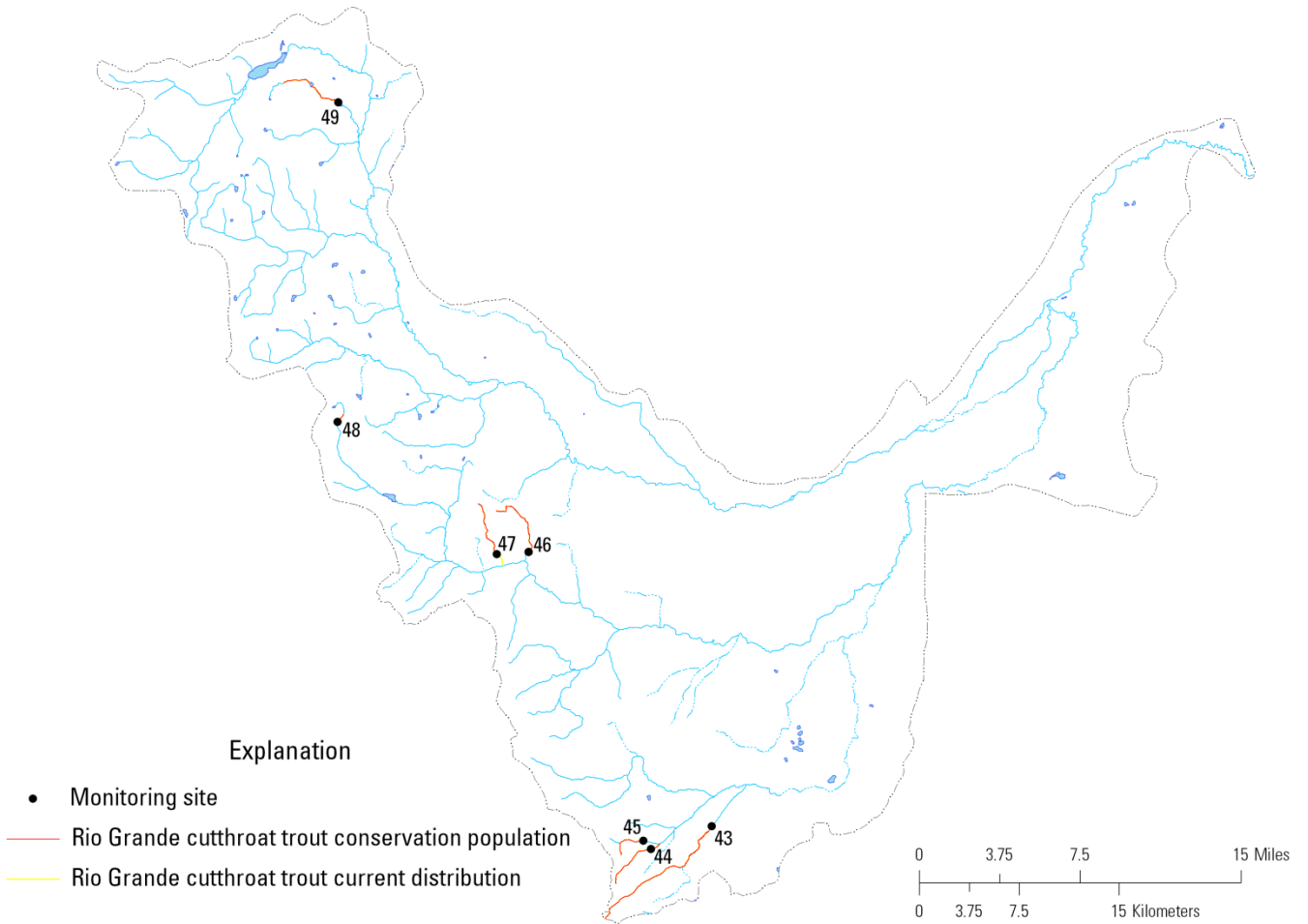
Figure 3. Two hour running mean (blue line) and weekly average water temperature (red line) at monitoring site on Cuates Creek. Dashed lines represent Colorado Tier 1 Cold Water Temperature Criteria.

Table 1. Air and stream temperature metrics and discharge in 2010 and 2011.

	Year	2-hr Min (°C)	2-hr Max (°C)	Min WAT (°C)	Max WAT (°C)	Baseflow Discharge (cfs)
Water	2010 ^a	0.00	14.07	0.02	12.04	0.51 ^e
Data	2011 ^b	0.00	14.65	0.02	12.38	0.75 ^f
Air	2010 ^c	-21.82	28.07	-8.46	18.62	----
Data	2011 ^d	-29.45	30.71	-13.29	19.09	----

^a211 days of data (6/04/2010–12/31/2010); ^b268 days of data (1/01/2011–9/25/2011); ^c211 days of data (6/04/2010–12/31/2010); ^d268 days of data (1/01/2011–9/25/2011); ^emeasured on 9/26/2010 and was not precipitation affected; ^fmeasured 9/26/2011 and was not precipitation affected

Conejos



Tio Grande

Site ID: 43

HUC: Conejos

Deployed: 5/14/2011

Drainage Area: 2,589 ha

Site Elevation: 2749 m

RGCT Population ID: RGH5-02



Figure 1. Monitoring site on Tio Grande.

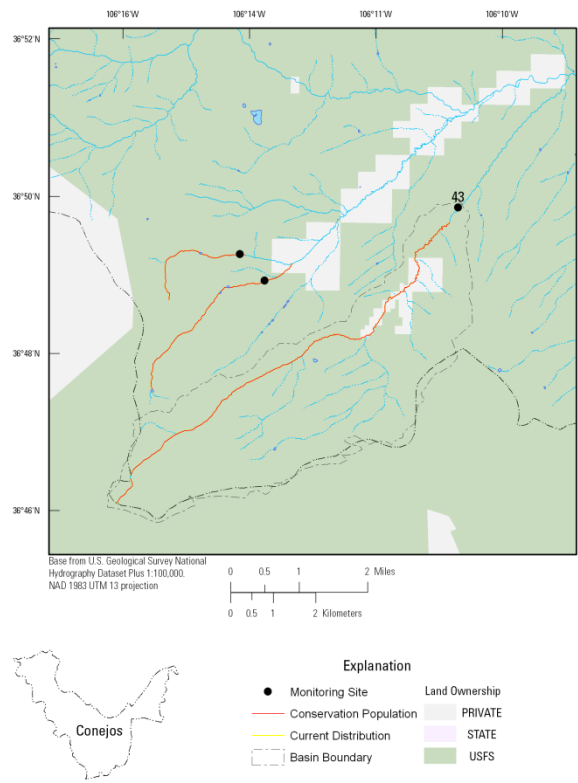


Figure 2. Location of monitoring site on Tio Grande.

Population Information

Genetic Status: Suspected unaltered

Non-Natives: Brown trout

Barrier: Partial barrier present

Land Ownership:

USFS: 95.0%

State: 0.0%

Private: 5.0%

Other: 0.0%

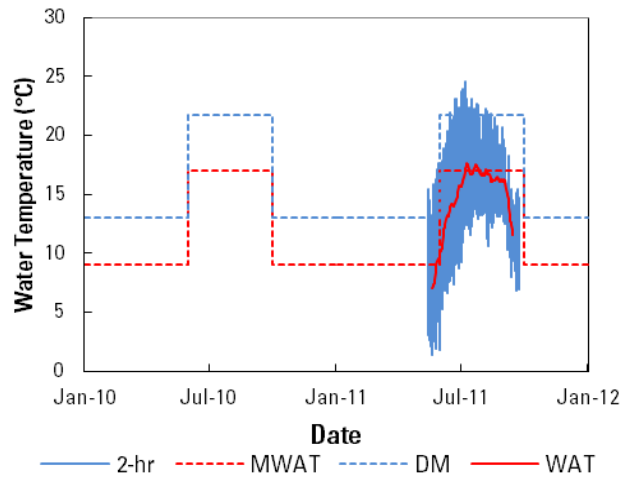


Figure 3. Two hour running mean (blue line) and weekly average water temperature (red line) at monitoring site on Tio Grande. Dashed lines represent Colorado Tier 1 Cold Water Temperature Standards.

Table 1. Air and stream temperature metrics and discharge in 2010 and 2011.

	Year	2-hr Min (°C)	2-hr Max (°C)	Min WAT (°C)	Max WAT (°C)	Baseflow Discharge (cfs)
Water	2010 ^a	NA	NA	NA	NA	NA ^e
Data	2011 ^b	NA	24.52	NA	17.64	0.25 ^f
Air	2010 ^c	NA	NA	NA	NA	----
Data	2011 ^d	NA	29.50	NA	16.44	----

^ano data collected in 2010; ^b132 days of data (5/15/2011 – 9/23/2011); ^cno data collected in 2010; ^d132 days of data (5/15/2011 – 9/25/2011); ^eno summer baseflow discharge measured in 2010; ^fmeasured 9/24/2011 and was not precipitation affected

Rio Nutrias

Site ID: 44

HUC: Conejos

Deployed: 9/24/2011

Drainage Area: 441 ha

Site Elevation: 2804 m

RGCT Population ID: RGH5-04



Figure 1. Monitoring site on Rio Nutrias.

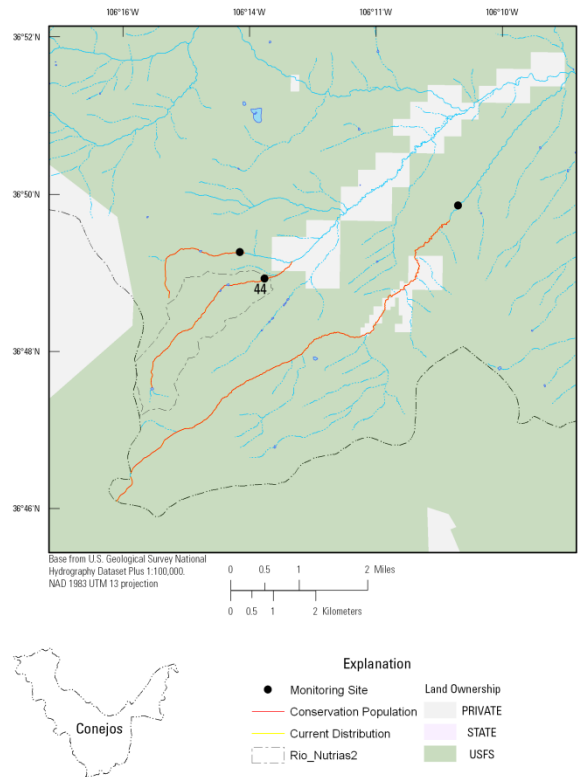


Figure 2. Location of monitoring site on Rio Nutrias.

Population Information

Genetic Status: Unaltered

Non-Natives: None present

Barrier: Complete barrier present

Land Ownership:

USFS: 100.0%

State: 0.0%

Private: 0.0%

Other: 0.0%

Table 1. Air and stream temperature metrics and discharge in 2010 and 2011.

	Year	2-hr Min (°C)	2-hr Max (°C)	Min WAT (°C)	Max WAT (°C)	Baseflow Discharge (cfs)
Water	2010 ^a	NA	NA	NA	NA	NA ^e
Data	2011 ^b	NA	NA	NA	NA	0.31 ^f
Air	2010 ^c	NA	NA	NA	NA	----
Data	2011 ^d	NA	NA	NA	NA	----

^aNo data collected in 2010; ^bNo data collected in 2011; ^cNo data collected in 2010; ^dNo data collected in 2011; ^eno summer baseflow discharge taken in 2010; ^fmeasured 9/24/2011 and was not precipitation affected

Tanques Creek

Site ID: 45

HUC: Conejos

Deployed: 9/24/2011

Drainage Area: 608 ha

Site Elevation: 2813 m

RGCT Population ID: RGH5-03



Figure 1. Monitoring site on Tanques Creek.

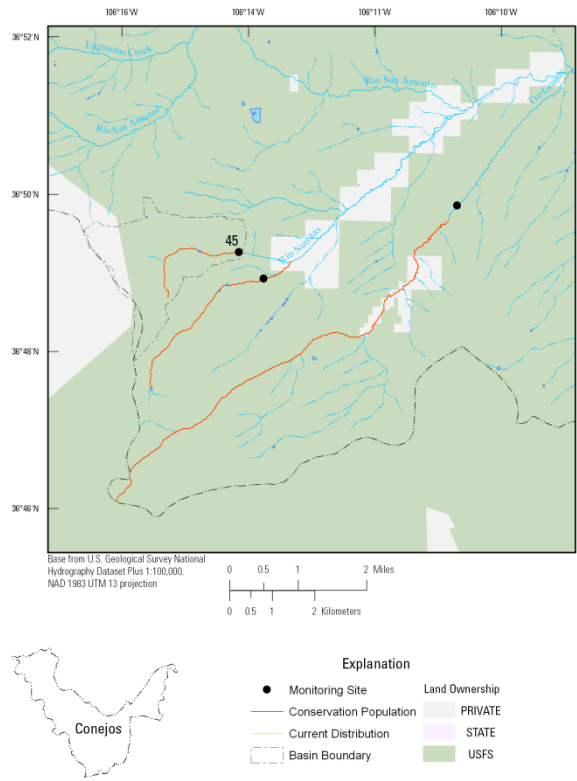


Figure 2. Location of monitoring site on Tanques Creek.

Population Information

Genetic Status: Unaltered

Non-Natives: Brook trout, brown trout

Barrier: Partial barrier present

Land Ownership:

USFS: 100.0%

State: 0.0%

Private: 0.0%

Other: 0.0%

Table 1. Air and stream temperature metrics and discharge in 2010 and 2011.

	Year	2-hr Min (°C)	2-hr Max (°C)	Min WAT (°C)	Max WAT (°C)	Baseflow Discharge (cfs)
Water	2010 ^a	NA	NA	NA	NA	NA ^e
Data	2011 ^b	NA	NA	NA	NA	0.27 ^f
Air	2010 ^c	NA	NA	NA	NA	----
Data	2011 ^d	NA	NA	NA	NA	----

^aNo data collected in 2010; ^bNo data collected in 2011; ^cNo data collected in 2010; ^dNo data collected in 2011; ^eno summer baseflow discharge taken in 2010; ^fmeasured 9/24/2011 and was not precipitation affected

Oiser Creek

Site ID: 46

HUC: Conejos

Deployed: 5/28/2010

Drainage Area: 1,066 ha

Site Elevation: 2931 m

RGCT Population ID: RGH5-06



Figure 1. Monitoring site on Oiser Creek.

Population Information

Genetic Status: Unaltered

Non-Natives: None present

Barrier: Complete barrier present

Land Ownership:

USFS: 97.9%

State: 0.0%

Private: 2.1%

Other: 0.0%

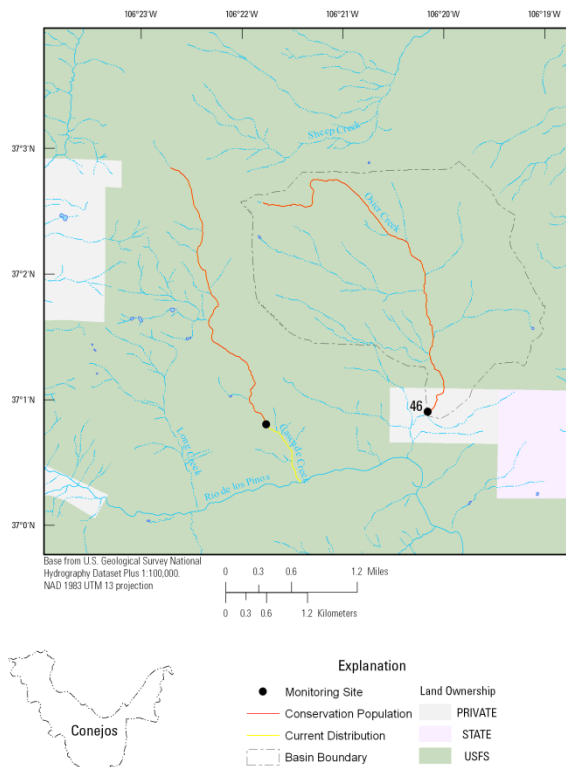


Figure 2. Location of monitoring site on Oiser Creek.

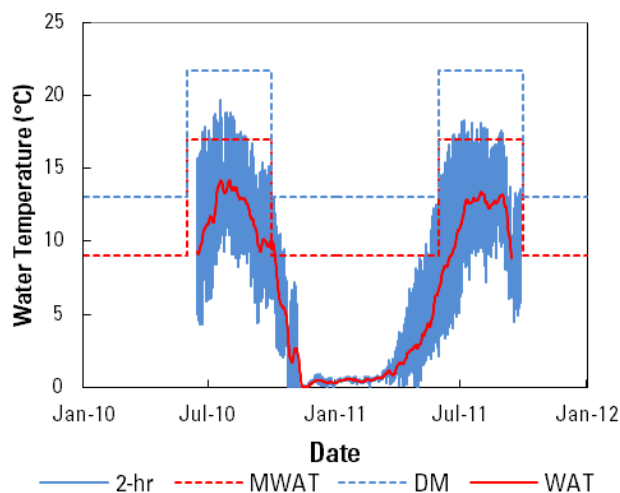


Figure 3. Two hour running mean (blue line) and weekly average water temperature (red line) at monitoring site on Oiser Creek. Dashed lines represent Colorado Tier 1 Cold Water Temperature Criteria.

Table 1. Air and stream temperature metrics and discharge in 2010 and 2011.

	Year	2-hr Min (°C)	2-hr Max (°C)	Min WAT (°C)	Max WAT (°C)	Baseflow Discharge (cfs)
Water	2010 ^a	-0.02	19.69	0.01	14.20	0.12 ^e
Data	2011 ^b	0.02	18.32	0.25	13.37	0.74 ^f
Air	2010 ^c	-31.08	31.31	-14.09	16.08	----
Data	2011 ^d	-12.47	29.76	-4.53	14.94	----

^a211 days of data (6/04/2010–12/31/2010); ^b278 days of data (1/01/2011–10/05/2011); ^c211 days of data (6/04/2010–12/31/2010); ^d279 days of data (1/01/2011–10/26/2011), data logger was buried in snow in 2011 and data is likely influenced; ^emeasured on 9/18/2010 and was not precipitation affected; ^fmeasured 10/07/2011 and was precipitation affected

Cascade Creek

Site ID: 47
 HUC: Conejos
 Deployed: 5/28/2010
 Drainage Area: 654 ha
 Site Elevation: 2970 m
 RGCT Population ID: RGH5-10



Figure 1. Monitoring site on Cascade Creek.

Population Information

Genetic Status: Unaltered
 Non-Natives: None present
 Barrier: Complete barrier present

Land Ownership:

USFS: 100.0%
 State: 0.0%
 Private: 0.0%
 Other: 0.0%

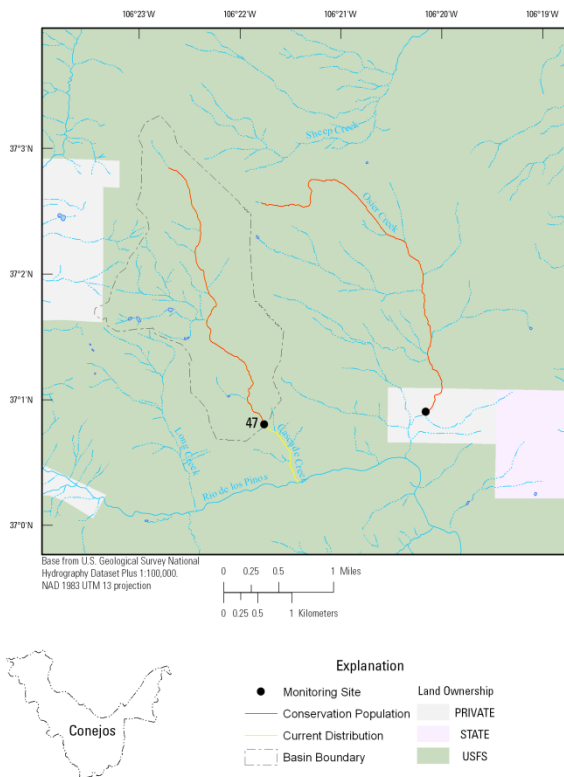


Figure 2. Location of monitoring site on Cascade Creek.

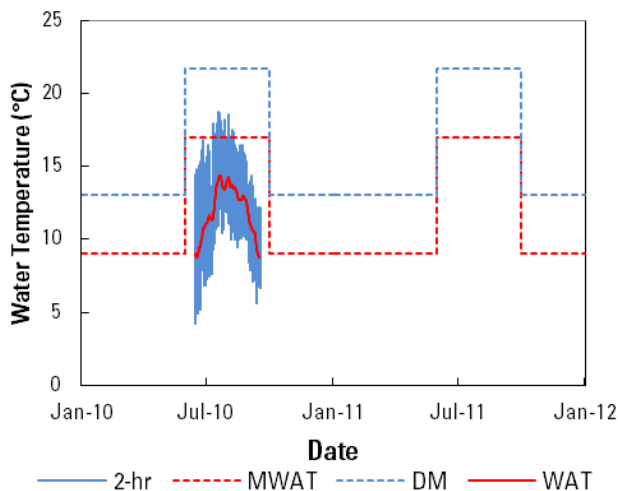


Figure 3. Two hour running mean (blue line) and weekly average water temperature (red line) at monitoring site on Cascade Creek. Dashed lines represent Colorado Tier 1 Cold Water Temperature Criteria.

Table 1. Air and stream temperature metrics and discharge in 2010 and 2011.

	Year	2-hr Min (°C)	2-hr Max (°C)	Min WAT (°C)	Max WAT (°C)	Baseflow Discharge (cfs)
Water	2010 ^a	NA	18.76	NA	14.37	0.45 ^e
Data	2011 ^b	Lost	Lost	Lost	Lost	0.39 ^f
Air	2010 ^c	-28.02	27.33	-12.87	14.92	----
Data	2011 ^d	-34.19	27.18	-16.47	14.53	----

^a106 days of data (6/04/2010–9/17/2010); ^bdata logger lost in 2011 and no data is presented; ^c211 days of data (6/04/2010–12/31/2010); ^d290 days of data (1/01/2011–10/17/2011); ^emeasured on 9/18/2010 and was not precipitation affected; ^fmeasured 10/18/2011 and was not precipitation affected

Rio de los Pinos

Site ID: 48

HUC: Conejos

Deployed: 10/18/2011

Drainage Area: 216 ha

Site Elevation: 3436 m

RGCT Population ID: RGH5-09

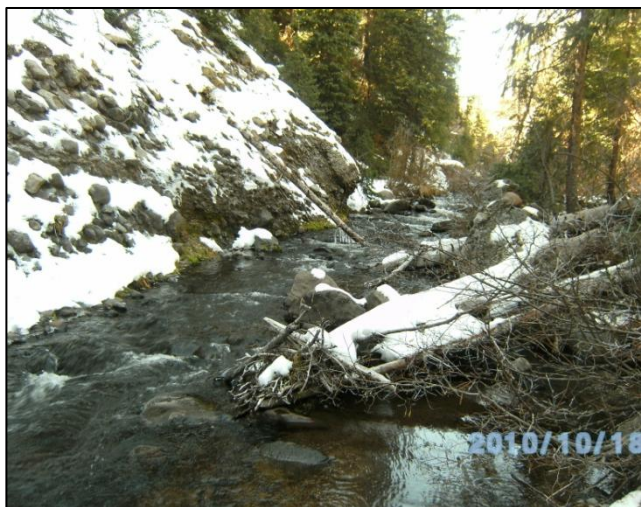


Figure 1. Monitoring site on Rio de los Pinos.

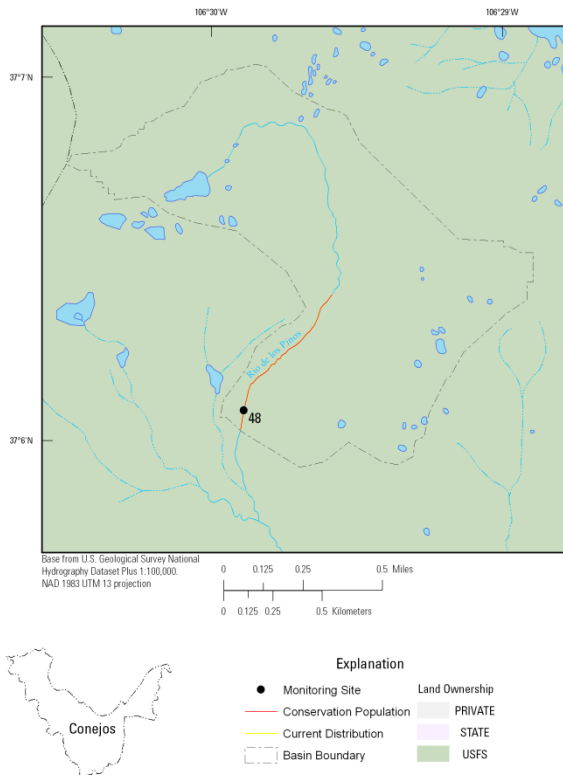


Figure 2. Location of monitoring site on Rio de los Pinos.

Population Information

Genetic Status: Unaltered

Non-Natives: None present

Barrier: Complete barrier present

Land Ownership:

USFS: 100.0%

State: 0.0%

Private: 0.0%

Other: 0.0%

Table 1. Air and stream temperature metrics and discharge in 2010 and 2011.

	Year	2-hr Min (°C)	2-hr Max (°C)	Min WAT (°C)	Max WAT (°C)	Baseflow Discharge (cfs)
Water	2010 ^a	NA	NA	NA	NA	NA ^e
Data	2011 ^b	NA	NA	NA	NA	8.49 ^f
Air	2010 ^c	NA	NA	NA	NA	----
Data	2011 ^d	NA	NA	NA	NA	----

^aNo data collected in 2010; ^bNo data collected in 2011; ^cNo data collected in 2010; ^dNo data collected in 2011; ^eno summer baseflow discharge taken in 2010; ^fmeasured 10/18/2011 and was not precipitation affected

Lake Fork Conejos River

Site ID: 49

HUC: Conejos

Deployed: 9/18/2010

Drainage Area: 1,976 ha

Site Elevation: 2945 m

RGCT Population ID: RGH5-08



Figure 1. Monitoring site on Lake Fork Conejos River.



Figure 2. Location of monitoring site on Lake Fork Conejos River.

Population Information

Genetic Status: Unaltered

Non-Natives: None present

Barrier: Complete barrier present

Land Ownership:

USFS: 92.8%

State: 0.0%

Private: 7.2%

Other: 0.0%

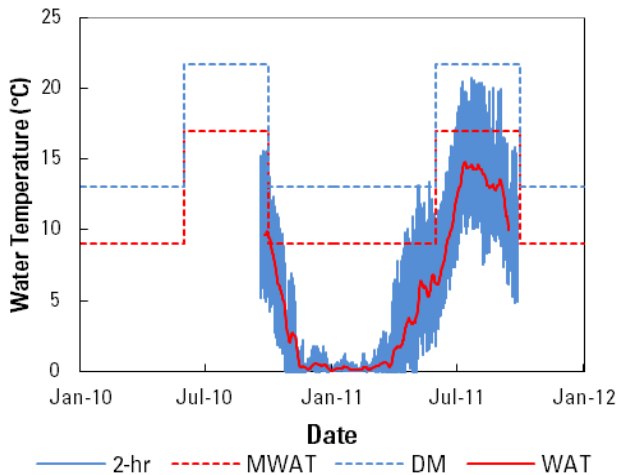


Figure 3. Two hour running mean (blue line) and weekly average water temperature (red line) at monitoring site on Lake Fork Conejos River. Dashed lines represent Colorado Tier 1 Cold Water Temperature Criteria.

Table 1. Air and stream temperature metrics and discharge in 2010 and 2011.

	Year	2-hr Min (°C)	2-hr Max (°C)	Min WAT (°C)	Max WAT (°C)	Baseflow Discharge (cfs)
Water	2010 ^a	NA	NA	NA	NA	1.50 ^e
Data	2011 ^b	-0.05	20.77	0.03	14.82	4.71 ^f
Air	2010 ^c	NA	NA	NA	NA	----
Data	2011 ^d	-36.24	24.33	-17.33	14.34	----

^a104 days of data (9/19/2010 – 12/31/2010); ^b278 days of data (1/01/2011 – 10/05/2011); ^c104 days of data (9/19/2010 – 12/31/2010); ^d278 days of data (1/01/2011 – 10/05/2011); ^emeasured on 9/18/2010 and was not precipitation affected; ^fmeasured 10/06/2011 and was precipitation affected