Ricardo Creek

Site ID: 50
HUC: Canadian Headwaters
Deployed: 6/09/2010
Drainage Area: 4,748 ha
Site Elevation: 2554 m
RGCT Population ID: CAN1-01

Figure 1. Monitoring site on Ricardo 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 Ricardo Creek.

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

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

<table>
<thead>
<tr>
<th>Year</th>
<th>2-hr Min (°C)</th>
<th>2-hr Max (°C)</th>
<th>Min WAT (°C)</th>
<th>Max WAT (°C)</th>
<th>Baseflow Discharge (cfs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>2010&lt;sup&gt;a&lt;/sup&gt;</td>
<td>-0.03</td>
<td>18.06</td>
<td>-0.02</td>
<td>13.46</td>
</tr>
<tr>
<td>Data</td>
<td>2011&lt;sup&gt;b&lt;/sup&gt;</td>
<td>-0.03</td>
<td>19.65</td>
<td>-0.03</td>
<td>14.48</td>
</tr>
<tr>
<td>Air</td>
<td>2010&lt;sup&gt;c&lt;/sup&gt;</td>
<td>-16.86</td>
<td>27.48</td>
<td>-4.21</td>
<td>16.88</td>
</tr>
<tr>
<td>Data</td>
<td>2011&lt;sup&gt;d&lt;/sup&gt;</td>
<td>-33.34</td>
<td>27.16</td>
<td>-11.86</td>
<td>18.43</td>
</tr>
</tbody>
</table>

<sup>a</sup>205 days of data (6/10/2010 – 12/31/2010); <sup>b</sup>269 days of data (1/01/2011 – 9/25/2011); <sup>c</sup>205 days of data (6/10/2010 – 12/31/2010); <sup>d</sup>269 days of data (1/01/2011 – 9/25/2011); <sup>e</sup>measured 9/24/2010 and was precipitation affected; <sup>f</sup>measured 9/27/2011 and was not precipitation affected.
Little Vermejo Creek

Site ID: 51
HUC: Canadian Headwaters
Deployed: 6/09/2010
Drainage Area: 2,972 ha
Site Elevation: 2559
RGCT Population ID: CAN1-02

Figure 1. Monitoring site on Little Vermejo Creek.

Population Information
Genetic Status: Unaltered
Non-Natives: Brook trout
Barrier: Complete barrier present

Land Ownership:
USFS: 0.0%
State: 0.0%
Private: 100%
Other: 0.0%

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

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

<table>
<thead>
<tr>
<th>Year</th>
<th>2-hr Min (°C)</th>
<th>2-hr Max (°C)</th>
<th>Min WAT (°C)</th>
<th>Max WAT (°C)</th>
<th>Baseflow Discharge (cfs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>2010&lt;sup&gt;a&lt;/sup&gt;</td>
<td>-0.07</td>
<td>22.82</td>
<td>-0.01</td>
<td>15.77</td>
</tr>
<tr>
<td>Data</td>
<td>2011&lt;sup&gt;b&lt;/sup&gt;</td>
<td>-0.07</td>
<td>24.94</td>
<td>-0.03</td>
<td>16.51</td>
</tr>
<tr>
<td>Air</td>
<td>2010&lt;sup&gt;c&lt;/sup&gt;</td>
<td>-16.72</td>
<td>26.78</td>
<td>-3.33</td>
<td>17.95</td>
</tr>
<tr>
<td>Data</td>
<td>2011&lt;sup&gt;d&lt;/sup&gt;</td>
<td>-30.65</td>
<td>27.71</td>
<td>-11.42</td>
<td>19.64</td>
</tr>
</tbody>
</table>

<sup>a</sup>205 days of data (6/10/2010 – 12/31/2010);
<sup>b</sup>269 days of data (1/01/2011– 9/26/2011);
<sup>c</sup>205 days of data (6/10/2010 – 12/31/2010);
<sup>d</sup>269 days of data (1/01/2011– 9/26/2011);
<sup>e</sup>measured 9/24/2010 and was precipitation affected;
<sup>f</sup>measured 9/27/2011 and was not precipitation affected.
McCrystal Creek

Site ID: 52
HUC: Cimarron
Deployed: 5/24/2010
Drainage Area: 2,726 ha
Site Elevation: 2440 m
RGCT Population ID: CAN2-01

Figure 1. Monitoring site on McCrystal Creek.

Population Information
Genetic Status: Unaltered
Non-Natives: None present
Barrier: Complete barrier present further downstream

Land Ownership:
USFS: 53.4%
State: 0.0%
Private: 46.6%
Other: 0.0%

Figure 2. Location of monitoring site on McCrystal Creek.

![Water Temperature Graph]

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

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

<table>
<thead>
<tr>
<th></th>
<th>Year</th>
<th>2-hr Min (°C)</th>
<th>2-hr Max (°C)</th>
<th>Min WAT (°C)</th>
<th>Max WAT (°C)</th>
<th>Baseflow Discharge (cfs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>2010b</td>
<td>-0.02</td>
<td>25.07</td>
<td>0.06</td>
<td>19.01</td>
<td>0.22c</td>
</tr>
<tr>
<td>Data</td>
<td>2011b</td>
<td>Exposed</td>
<td>Exposed</td>
<td>Exposed</td>
<td>Exposed</td>
<td>0.34f</td>
</tr>
<tr>
<td>Air</td>
<td>2010c</td>
<td>-19.98</td>
<td>29.62</td>
<td>-3.45</td>
<td>19.33</td>
<td>-----</td>
</tr>
<tr>
<td>Data</td>
<td>2011d</td>
<td>-37.25</td>
<td>30.57</td>
<td>-11.81</td>
<td>20.62</td>
<td>-----</td>
</tr>
</tbody>
</table>

*220 days of data (5/24/2010 – 12/31/2010); bdata logger exposed during 2011 and no data is presented; c220 days of data (5/24/2010 – 12/31/2010); d265 days of data (1/01/2011 – 9/22/2011); emeasured 9/16/2010 and was not precipitation affected; fmeasured 9/23/2011 and was not precipitation affected
Middle Ponil Creek

Site ID: 53
HUC: Cimarron
Deployed: 9/15/2010
Drainage Area: 1,276 ha
Site Elevation: 2915
RGCT Population ID: CAN2-03

Figure 1. Monitoring site on Middle Ponil Creek.

Population Information
Genetic Status: > 10% and ≤ 20%
Non-Natives: None present
Barrier: Complete barrier present

Land Ownership:
USFS: 98.0%
State: 0.0%
Private: 2.0%
Other: 0.0%

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

<table>
<thead>
<tr>
<th>Year</th>
<th>2-hr Min (°C)</th>
<th>2-hr Max (°C)</th>
<th>Min WAT (°C)</th>
<th>Max WAT (°C)</th>
<th>Baseflow Discharge (cfs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water 2010&lt;sup&gt;a&lt;/sup&gt;</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA&lt;sup&gt;e&lt;/sup&gt;</td>
</tr>
<tr>
<td>Data 2011&lt;sup&gt;b&lt;/sup&gt;</td>
<td>Lost</td>
<td>Lost</td>
<td>Lost</td>
<td>Lost</td>
<td>0.15&lt;sup&gt;f&lt;/sup&gt;</td>
</tr>
<tr>
<td>Air 2010&lt;sup&gt;c&lt;/sup&gt;</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>-----</td>
</tr>
<tr>
<td>Data 2011&lt;sup&gt;d&lt;/sup&gt;</td>
<td>-31.77</td>
<td>29.30</td>
<td>-13.89</td>
<td>17.87</td>
<td>-----</td>
</tr>
</tbody>
</table>

<sup>a</sup>no data collected in 2010; <sup>b</sup>no data collected in 2011; <sup>c</sup>no data collected in 2010; <sup>d</sup>no data collected in 2011; <sup>e</sup>no summer baseflow measured in 2010; <sup>f</sup>measured 9/23/2011 and was not precipitation affected

Figure 2. Location of monitoring site on Middle Ponil Creek.
East Fork Luna Creek

Site ID: 54  
HUC: Mora  
Deployed: 9/26/2011  
Drainage Area: 1,279 ha  
Site Elevation: 2713 m  
RGCT Population ID: CAN4-01

Figure 1. Monitoring site on East Fork Luna Creek.

Population Information
Genetic Status: > 1% and ≤ 10%
Non-Natives: Brown trout present
Barrier: Partial barrier present

Land Ownership:
USFS: 97.8%
State: 0.0%
Private: 2.2%
Other: 0.0%

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

<table>
<thead>
<tr>
<th>Year</th>
<th>2-hr Min (°C)</th>
<th>2-hr Max (°C)</th>
<th>Min Wat (°C)</th>
<th>Max Wat (°C)</th>
<th>Baseflow Discharge (cfs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>2010&lt;sup&gt;a&lt;/sup&gt;</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Data</td>
<td>2011&lt;sup&gt;b&lt;/sup&gt;</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Air</td>
<td>2010&lt;sup&gt;c&lt;/sup&gt;</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Data</td>
<td>2011&lt;sup&gt;d&lt;/sup&gt;</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
</tbody>
</table>

<sup>a</sup>no data collected in 2010; <sup>b</sup>no data collected in 2011; <sup>c</sup>no data collected in 2010; <sup>d</sup>no data collected in 2011; <sup>e</sup>no summer baseflow measured in 2010; <sup>f</sup>measured 9/26/2011 and was not precipitation affected
Canones Creek

Site ID: 55  
HUC: Rio Chama  
Deployed: 6/03/2010  
Drainage Area: 4,325 ha  
Site Elevation: 2473 m  
RGCT Population ID: LRG2-08

Figure 1. Lower monitoring site on Canones Creek.

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

Land Ownership  
USFS: 99.1%  
State: 0.0%  
Private: 0.9%  
Other: 0.0%

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

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

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

<table>
<thead>
<tr>
<th>Year</th>
<th>2-hr Min (°C)</th>
<th>2-hr Max (°C)</th>
<th>Min WAT (°C)</th>
<th>Max WAT (°C)</th>
<th>Baseflow Discharge (cfs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>2010a</td>
<td>0.12</td>
<td>19.75</td>
<td>0.38</td>
<td>15.82</td>
</tr>
<tr>
<td>Data</td>
<td>2011b</td>
<td>0.20</td>
<td>19.56</td>
<td>0.33</td>
<td>15.46</td>
</tr>
<tr>
<td>Air</td>
<td>2010c</td>
<td>NA</td>
<td>29.50</td>
<td>NA</td>
<td>17.85</td>
</tr>
<tr>
<td>Data</td>
<td>2011d</td>
<td>Lost</td>
<td>Lost</td>
<td>Lost</td>
<td>Lost</td>
</tr>
</tbody>
</table>

*a211 days of data (6/04/2010—12/31/2010);b270 days of data (1/01/2011—9/27/2011);c108 days of data (6/04/2010—9/19/2010);ddata logger was lost in 2011 and no data is presented;emediumed9/20/2010 and was not precipitation affected;fmediumed9/28/2011 and was not precipitation affected
Canones Creek

Site ID: 56
HUC: Rio Chama
Deployed: 9/23/2010
Drainage Area: 3,338 ha
Site Elevation: 2555 m
RGCT Population ID: LRG2-08

Figure 1. Upper monitoring site on Canones Creek.

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

Land Ownership
USFS: 99.6%
State: 0.0%
Private: 0.4%
Other: 0.0%

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

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

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

<table>
<thead>
<tr>
<th>Year</th>
<th>2-hr Min (°C)</th>
<th>2-hr Max (°C)</th>
<th>Min WAT (°C)</th>
<th>Max WAT (°C)</th>
<th>Baseflow Discharge (cfs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>2010&lt;sup&gt;a&lt;/sup&gt;</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>0.50&lt;sup&gt;c&lt;/sup&gt;</td>
</tr>
<tr>
<td>Data</td>
<td>2011&lt;sup&gt;b&lt;/sup&gt;</td>
<td>-0.05</td>
<td>23.53</td>
<td>-0.03</td>
<td>15.89</td>
</tr>
<tr>
<td>Air</td>
<td>2010&lt;sup&gt;c&lt;/sup&gt;</td>
<td>-19.63</td>
<td>31.28</td>
<td>-8.03</td>
<td>18.60</td>
</tr>
<tr>
<td>Data</td>
<td>2011&lt;sup&gt;d&lt;/sup&gt;</td>
<td>-27.71</td>
<td>32.54</td>
<td>-12.15</td>
<td>18.29</td>
</tr>
</tbody>
</table>

<sup>a</sup>103 days of data (9/23/2010—12/31/2010); <sup>b</sup>270 days of data (1/01/2011—9/27/2011); <sup>c</sup>211 days of data (6/04/2010—12/31/2010); <sup>d</sup>270 days of data (1/01/2011—9/27/2011); <sup>e</sup>measured 9/20/2010 and was not precipitation affected; <sup>f</sup>measured 9/28/2011 and was not precipitation affected
El Rito Creek

Site ID: 57
HUC: Rio Chama
Deployed: 5/31/2010
Drainage Area: 6,477 ha
Site Elevation: 2576 m
RGCT Population ID: LRG2-07

Figure 1. Monitoring site on ElRito Creek.

Population Information
Genetic Status: Suspected Hybridized
Non-Natives: Rainbow trout
Barrier: None present

Land Ownership
USFS: 98.2%
State: 0.0%
Private: 1.8%
Other: 0.0%

Figure 2. Location of monitoring site on ElRito Creek.

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

<table>
<thead>
<tr>
<th></th>
<th>2-hr Min (°C)</th>
<th>2-hr Max (°C)</th>
<th>Min WAT (°C)</th>
<th>Max WAT (°C)</th>
<th>Baseflow Discharge (cfs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>2010</td>
<td>26.33</td>
<td>NA</td>
<td>18.74</td>
<td>0.86^</td>
</tr>
<tr>
<td>Data</td>
<td>2011</td>
<td>NA</td>
<td>Lost</td>
<td>Lost</td>
<td>1.74^</td>
</tr>
<tr>
<td>Air</td>
<td>2010</td>
<td>-21.42</td>
<td>31.55</td>
<td>-8.12</td>
<td>18.34</td>
</tr>
<tr>
<td>Data</td>
<td>2011</td>
<td>-34.47</td>
<td>30.18</td>
<td>-13.37</td>
<td>18.47</td>
</tr>
</tbody>
</table>

^107 days of data (6/04/2010 – 9/18/2010);^2 data logger lost in 2011 and no data is presented;^3211 days of data (6/04/2010 – 12/31/2010);^4266 days of data (1/01/2011 – 9/23/2011);^5measured 9/19/2010 and was not precipitation affected;^6measured 9/24/2011 and was not precipitation affected
Canjlion Creek

Site ID: 58
HUC: Rio Chama
Deployed: 5/31/2010
Drainage Area: 1,247 ha
Site Elevation: 2831 m
RGCT Population ID: LRG2-05

Figure 1. Monitoring site on Canjlion 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%

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

<table>
<thead>
<tr>
<th>Year</th>
<th>2-hr Min (°C)</th>
<th>2-hr Max (°C)</th>
<th>Min WAT (°C)</th>
<th>Max WAT (°C)</th>
<th>Baseflow Discharge (cfs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>2010a</td>
<td>Lost</td>
<td>Lost</td>
<td>Lost</td>
<td>Lost</td>
</tr>
<tr>
<td>Data</td>
<td>2011b</td>
<td>Lost</td>
<td>Lost</td>
<td>Lost</td>
<td>Lost</td>
</tr>
<tr>
<td>Air</td>
<td>2010c</td>
<td>-24.95</td>
<td>28.57</td>
<td>-9.38</td>
<td>16.84</td>
</tr>
<tr>
<td>Data</td>
<td>2011d</td>
<td>-34.10</td>
<td>29.12</td>
<td>-13.87</td>
<td>16.12</td>
</tr>
</tbody>
</table>

*a data logger lost in 2010 and no data is presented; b data logger lost in 2011 and no data is presented; c 211 days of data (6/04/2010 – 12/31/2010); d 267 days of data (1/01/2011 – 9/24/2011); e measured 9/19/2010 and was not precipitation affected; f measured 9/25/2011 and was not precipitation affected

Figure 2. Location of monitoring site on Canjlion Creek.
Wolf Creek

Site ID: 59  
HUC: Rio Chama  
Deployed: 10/07/2011  
Drainage Area: 1,071 ha  
Site Elevation: 2940 m  
RGCT Population ID: LRG2-11

Figure 1. Monitoring site on Wolf Creek.

Population Information

Genetic Status: Unaltered  
Non-Natives: Brown trout  
Barrier: Complete barrier present

Figure 2. Location of monitoring site on Wolf Creek.

Land Ownership

USFS: 73.1%  
State: 0.0%  
Private: 26.9%  
Other: 0.0%

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

<table>
<thead>
<tr>
<th>Year</th>
<th>2-hr Min. (°C)</th>
<th>2-hr Max. (°C)</th>
<th>Min WAT (°C)</th>
<th>Max WAT (°C)</th>
<th>Baseflow Discharge (cfs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water 2010a</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA^e</td>
</tr>
<tr>
<td>Data 2011b</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>0.74^f</td>
</tr>
<tr>
<td>Air 2010c</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>-----</td>
</tr>
<tr>
<td>Data 2011d</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>-----</td>
</tr>
</tbody>
</table>

*a no data collected in 2010; b no data collected in 2011; c no data collected in 2010; d no data collected in 2011; e no summer baseflow measured in 2010; f measured 10/07/2011 and was precipitation affected*
Upper Rio Grande
Rio de Truchas

Site ID: 60
HUC: Upper Rio Grande
Deployed: 9/19/2011
Drainage Area: 1,198 ha
Site Elevation: 2610 m
RGCT Population ID: LRG1-32

Figure 1. Monitoring site on Rio de Truchas.

Population Information
Genetic Status: Unaltered
Non-Natives: None present
Barrier: Unknown

Land Ownership:
USFS: 52.3%
State: 0.0%
Private: 47.7%
Other: 0.0%

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

<table>
<thead>
<tr>
<th>Year</th>
<th>2-hr Min (°C)</th>
<th>2-hr Max (°C)</th>
<th>Min WAT (°C)</th>
<th>Max WAT (°C)</th>
<th>Baseflow Discharge (cfs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water 2010&lt;sup&gt;a&lt;/sup&gt;</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA&lt;sup&gt;e&lt;/sup&gt;</td>
</tr>
<tr>
<td>Data 2011&lt;sup&gt;b&lt;/sup&gt;</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>2.96&lt;sup&gt;l&lt;/sup&gt;</td>
</tr>
<tr>
<td>Air 2010&lt;sup&gt;c&lt;/sup&gt;</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>-----</td>
</tr>
<tr>
<td>Data 2011&lt;sup&gt;d&lt;/sup&gt;</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>-----</td>
</tr>
</tbody>
</table>

<sup>a</sup>no data collected in 2010;<sup>b</sup>no data collected in 2011;<sup>c</sup>no data collected in 2010;<sup>d</sup>no data collected in 2011;<sup>e</sup>no summer baseflow measured in 2010;<sup>f</sup>measured 9/19/2011 and was precipitation affected

Figure 2. Location of monitoring site on Rio de Truchas.
Rio San Leonardo

Site ID: 61  
HUC: Upper Rio Grande  
Deployed: 9/19/2011  
Drainage Area: 730 ha  
Site Elevation: 2727 m  
RGCT Population ID: LRG1-31

![Image](image1.jpg)

Figure 1. Monitoring site on Rio San Leonardo.

**Population Information**

Genetic Status: Suspected hybridized  
Non-Natives: None present  
Barrier: Partial barrier present

**Land Ownership:**

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

![Image](image2.jpg)

Figure 2. Location of monitoring site on Rio San Leonardo.

<table>
<thead>
<tr>
<th>Year</th>
<th>2-hr Min (°C)</th>
<th>2-hr Max (°C)</th>
<th>Min WAT (°C)</th>
<th>Max WAT (°C)</th>
<th>Baseflow Discharge (cfs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>2010&lt;sup&gt;a&lt;/sup&gt;</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA&lt;sup&gt;e&lt;/sup&gt;</td>
</tr>
<tr>
<td>Data</td>
<td>2011&lt;sup&gt;b&lt;/sup&gt;</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>0.92&lt;sup&gt;f&lt;/sup&gt;</td>
</tr>
<tr>
<td>Air</td>
<td>2010&lt;sup&gt;c&lt;/sup&gt;</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>-----</td>
</tr>
<tr>
<td>Data</td>
<td>2011&lt;sup&gt;d&lt;/sup&gt;</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>-----</td>
</tr>
</tbody>
</table>

<sup>a</sup>no data collected in 2010; <sup>b</sup>no data collected in 2011; <sup>c</sup>no data collected in 2010; <sup>d</sup>no data collected in 2011; <sup>e</sup>no summer baseflow measured in 2010; <sup>f</sup>measured 9/19/2011 and was precipitation affected
Rio de las Trampas

Site ID: 62  
HUC: Upper Rio Grande  
Deployed: 9/19/2011  
Drainage Area: 1,489 ha  
Site Elevation: 2734 m  
RGCT Population ID: LRG1-30

Figure 1. Monitoring site on Rio de las Trampas.

Population Information
Genetic Status: Suspected Hybridized  
Non-Natives: None present  
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.

<table>
<thead>
<tr>
<th>Year</th>
<th>2-hr Min (°C)</th>
<th>2-hr Max (°C)</th>
<th>Min WAT (°C)</th>
<th>Max WAT (°C)</th>
<th>Baseflow Discharge (cfs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>2010&lt;sup&gt;a&lt;/sup&gt;</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Data</td>
<td>2011&lt;sup&gt;b&lt;/sup&gt;</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Air</td>
<td>2010&lt;sup&gt;c&lt;/sup&gt;</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Data</td>
<td>2011&lt;sup&gt;d&lt;/sup&gt;</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
</tbody>
</table>

<sup>a</sup>no data collected in 2010; <sup>b</sup> no data collected in 2011; <sup>c</sup> no data collected in 2010; <sup>d</sup> no data collected in 2011; <sup>e</sup>no summer baseflow measured in 2010; <sup>f</sup>measured 9/19/2011 and was precipitation affected
Indian Creek

Site ID: 63
HUC: Upper Rio Grande
Deployed: 9/20/2011
Drainage Area: 551 ha
Site Elevation: 2774
RGCT Population ID: LRG1-36

Figure 1. Monitoring site on Indian Creek.

Population Information
Genetic Status: Not tested – Suspected hybrid
Non-Natives: Unknown
Barrier: No 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.

<table>
<thead>
<tr>
<th>Year</th>
<th>2-hr Min (°C)</th>
<th>2-hr Max (°C)</th>
<th>Min WAT (°C)</th>
<th>Max WAT (°C)</th>
<th>Baseflow Discharge (cfs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>2010b</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Data</td>
<td>2011b</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>0.31†</td>
</tr>
<tr>
<td>Air</td>
<td>2010c</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>-----</td>
</tr>
<tr>
<td>Data</td>
<td>2011d</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>-----</td>
</tr>
</tbody>
</table>

† no data collected in 2010; b no data collected in 2011; c no data collected in 2010; d no data collected in 2011; e no summer baseflow measured in 2010; f measured 9/20/2011 and was precipitation affected

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

Site ID: 64  
HUC: Upper Rio Grande  
Deployed: 9/23/2010  
Drainage Area: 784 ha  
Site Elevation: 2735 m  
RGCT Population ID: LRG1-35

Figure 1. Monitoring site on Jicarita Creek.

Population Information
Genetic Status: Unaltered  
Non-Natives: None present  
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 Jicarita Creek.

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

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

<table>
<thead>
<tr>
<th>Year</th>
<th>2-hr Min (°C)</th>
<th>2-hr Max (°C)</th>
<th>Min WAT (°C)</th>
<th>Max WAT (°C)</th>
<th>Baseflow Discharge (cfs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>2010</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Data</td>
<td>2011</td>
<td>-0.05</td>
<td>14.76</td>
<td>-0.01</td>
<td>11.48</td>
</tr>
<tr>
<td>Air</td>
<td>2010</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Data</td>
<td>2011</td>
<td>-29.96</td>
<td>28.48</td>
<td>-13.05</td>
<td>16.80</td>
</tr>
</tbody>
</table>

*Note: Data represent days in parentheses.*

*99 days of data (9/24/2010—12/31/2010); 268 days of data (1/01/2011—9/25/2011); 99 days of data (9/24/2010—12/31/2010); 268 days of data (1/01/2011—9/25/2011); no summer baseflow measurement taken in 2010; measured 9/26/2011 and was not precipitation affected
Middle Fork Rio Santa Barbara

Site ID: 65
HUC: Upper Rio Grande
Deployed: 5/20/2010
Drainage Area: 4,138 ha
Site Elevation: 2853 m
RGCT Population ID: LRG1-29

Figure 1. Lower monitoring site located on Middle Fork Rio Santa Barbara.

Population Information
Genetic Status: Suspected Hybrid
Non-Natives: Brown trout
Barrier: No 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.

<table>
<thead>
<tr>
<th></th>
<th>Year</th>
<th>2-hr Min (°C)</th>
<th>2-hr Max (°C)</th>
<th>Min WAT (°C)</th>
<th>Max WAT (°C)</th>
<th>Baseflow Discharge (cfs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>2010b</td>
<td>Lost</td>
<td>Lost</td>
<td>Lost</td>
<td>Lost</td>
<td>NAe</td>
</tr>
<tr>
<td>Data</td>
<td>2011b</td>
<td>Lost</td>
<td>Lost</td>
<td>Lost</td>
<td>Lost</td>
<td>7.80°</td>
</tr>
<tr>
<td>Air</td>
<td>2010c</td>
<td>-19.98</td>
<td>26.97</td>
<td>-9.35</td>
<td>15.49</td>
<td>-----</td>
</tr>
<tr>
<td>Data</td>
<td>2011d</td>
<td>-32.98</td>
<td>27.65</td>
<td>-13.93</td>
<td>15.95</td>
<td>-----</td>
</tr>
</tbody>
</table>

a Data logger lost in 2010 and no data is presented; b data logger lost in 2011 and no data is presented; c 211 days of data (6/04/2010 – 12/31/2010); d 268 days of data (1/01/2011 – 9/25/2011); e no summer baseflow measurement taken in 2010; f measured 9/26/2011 and was not precipitation affected.
West Fork Rio Santa Barbara

Site ID: 66
HUC: Upper Rio Grande
Deployed: 9/24/2010
Drainage Area: 2,498 ha
Site Elevation: 2842 m
RGCT Population ID: LRG1-29

Figure 1. Monitoring site on West Fork Rio Santa Barbara.

Population Information
Genetic Status: Suspected Hybridized
Non-Natives: Brown trout
Barrier: None present

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

Figure 2. Location of monitoring site on West Fork Rio Santa Barbara.

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

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

<table>
<thead>
<tr>
<th></th>
<th>2010b</th>
<th>2011b</th>
<th>2010c</th>
<th>2011d</th>
</tr>
</thead>
<tbody>
<tr>
<td>Year</td>
<td>2-hr Min (°C)</td>
<td>2-hr Max (°C)</td>
<td>Min WAT (°C)</td>
<td>Max WAT (°C)</td>
</tr>
<tr>
<td>Water</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Data</td>
<td>-0.03</td>
<td>15.77</td>
<td>0.00</td>
<td>10.17</td>
</tr>
<tr>
<td>Air</td>
<td>-20.52</td>
<td>25.00</td>
<td>-9.60</td>
<td>14.97</td>
</tr>
<tr>
<td>Data</td>
<td>-33.41</td>
<td>24.84</td>
<td>-14.23</td>
<td>14.98</td>
</tr>
</tbody>
</table>

*99 days of data (9/24/2010 – 12/31/2010); 268 days of data (1/01/2011 – 9/25/2011); 211 days of data (6/04/2010 – 12/31/2010); 268 days of data (1/01/2011 – 9/25/2011); 4 no summer baseflow measurement taken in 2010; measured 9/26/2011 and was not precipitation affected
East Fork Rio Santa Barbara

Site ID: 67  
HUC: Upper Rio Grande  
Deployed: 5/20/2010  
Drainage Area: 1,479 ha  
Site Elevation: 3148 m  
RGCT Population ID: LRG1-28

![Monitoring site on East Fork Rio Santa Barbara.](image)

Figure 1. Monitoring site on East Fork Rio Santa Barbara.

**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%

![Location of monitoring site on East Fork Rio Santa Barbara.](image)

Figure 2. Location of monitoring site on East Fork Rio Santa Barbara.

![Water Temperature (°C)](image)

Figure 3. Two hour running mean (blue line) and weekly average temperature (red line) at monitoring site on East Fork Rio Santa Barbara. Dashed lines represent Colorado Tier 1 Cold Water Temperature criteria.

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

<table>
<thead>
<tr>
<th></th>
<th>Year</th>
<th>2-hr Min (°C)</th>
<th>2-hr Max (°C)</th>
<th>Min WAT (°C)</th>
<th>Max WAT (°C)</th>
<th>Baseflow Discharge (cfs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>2010a</td>
<td>NA</td>
<td>14.31</td>
<td>NA</td>
<td>10.50</td>
<td>NA</td>
</tr>
<tr>
<td>Data</td>
<td>2011b</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Air</td>
<td>2010c</td>
<td>NA</td>
<td>22.59</td>
<td>NA</td>
<td>13.13</td>
<td>----</td>
</tr>
<tr>
<td>Data</td>
<td>2011d</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>----</td>
</tr>
</tbody>
</table>

*a10 days of data (6/04/2010 – 9/21/2010); *bno data collected in 2011; *c111 days of data (6/04/2010 – 9/22/2010); *dno data collected in 2011; *eno summer baseflow measured in 2010; *en no summer baseflow measured in 2011
Osha Canyon

Site ID: 68  
HUC: Upper Rio Grande  
Deployed: 9/19/2011  
Drainage Area: 1,631 ha  
Site Elevation: 2419 m  
RGCT Population ID: LRG1-24

Figure 1. Monitoring site on Osha Canyon.

Population Information
Genetic Status: > 1% and ≤ 10%
Non-Natives: None present
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 Osha Canyon.

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

<table>
<thead>
<tr>
<th>Year</th>
<th>2-hr Min (°C)</th>
<th>2-hr Max (°C)</th>
<th>Min WAT (°C)</th>
<th>Max WAT (°C)</th>
<th>Baseflow Discharge (cfs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>2010&lt;sup&gt;a&lt;/sup&gt;</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Data</td>
<td>2011&lt;sup&gt;b&lt;/sup&gt;</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Air</td>
<td>2010&lt;sup&gt;c&lt;/sup&gt;</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Data</td>
<td>2011&lt;sup&gt;d&lt;/sup&gt;</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
</tbody>
</table>

<sup>a</sup>no data collected in 2010; <sup>b</sup>no data collected in 2011; <sup>c</sup>no data collected in 2010; <sup>d</sup>no data collected in 2011; <sup>e</sup>no summer baseflow measured in 2010; <sup>f</sup>measured 9/19/2011 and was precipitation affected
Rito Angostura

Site ID: 69  
HUC: Upper Rio Grande  
Deployed: 5/21/2010  
Drainage Area: 1,392 ha  
Site Elevation: 2935 m  
RGCT Population ID: LRG1-25

Figure 1. Monitoring site on Rito Angostura.

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 Rito Angostura.

<table>
<thead>
<tr>
<th>Year</th>
<th>2-hr Min (°C)</th>
<th>2-hr Max (°C)</th>
<th>Min WAT (°C)</th>
<th>Max WAT (°C)</th>
<th>Baseflow Discharge (cfs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>2010&lt;sup&gt;b&lt;/sup&gt;</td>
<td>Lost</td>
<td>Lost</td>
<td>Lost</td>
<td>Lost</td>
</tr>
<tr>
<td>Data</td>
<td>2011&lt;sup&gt;b&lt;/sup&gt;</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Air</td>
<td>2010&lt;sup&gt;c&lt;/sup&gt;</td>
<td>25.35</td>
<td>NA</td>
<td>14.97</td>
<td>-----</td>
</tr>
<tr>
<td>Data</td>
<td>2011&lt;sup&gt;d&lt;/sup&gt;</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>-----</td>
</tr>
</tbody>
</table>

<sup>a</sup>Data logger lost in 2010 and no data is presented; <sup>b</sup>no data collected in 2011; <sup>c</sup>109 days of data (6/04/2010—9/20/2010); <sup>d</sup>no data collected in 2011; <sup>e</sup>measured on 9/21/2010 and was not precipitation affected; <sup>f</sup>no summer baseflow measured in 2011
Alamitos Creek

Site ID: 70
HUC: Upper Rio Grande
Deployed: 9/22/2010
Drainage Area: 1,788 ha
Site Elevation: 2951 m
RGCT Population ID: LRG1-26

Figure 1. Monitoring site on Alamitos Creek.

Population Information
Genetic Status: Unaltered
Non-Natives: None present
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 Alamitos Creek.

![Water Temperature Graph]

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

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

<table>
<thead>
<tr>
<th>Year</th>
<th>2-hr Min (°C)</th>
<th>2-hr Max (°C)</th>
<th>Min WAT (°C)</th>
<th>Max WAT (°C)</th>
<th>Baseflow Discharge (cfs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water 2010&lt;sup&gt;b&lt;/sup&gt;</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>0.06&lt;sup&gt;c&lt;/sup&gt;</td>
</tr>
<tr>
<td>Data 2011&lt;sup&gt;b&lt;/sup&gt;</td>
<td>0.08</td>
<td>18.56</td>
<td>0.09</td>
<td>12.40</td>
<td>1.92&lt;sup&gt;c&lt;/sup&gt;</td>
</tr>
<tr>
<td>Air 2010&lt;sup&gt;c&lt;/sup&gt;</td>
<td>NA</td>
<td>26.38</td>
<td>NA</td>
<td>16.38</td>
<td>-----</td>
</tr>
<tr>
<td>Data 2011&lt;sup&gt;d&lt;/sup&gt;</td>
<td>Lost</td>
<td>Lost</td>
<td>Lost</td>
<td>Lost</td>
<td>-----</td>
</tr>
</tbody>
</table>

<sup>a</sup>101 days of data (9/22/2010 – 12/31/2010);<sup>b</sup>261 days of data (1/1/2011 – 9/18/2011);<sup>c</sup>109 days of data (6/04/2010 – 9/20/2010);<sup>d</sup>Data logger lost in 2011 and no data is presented;<sup>e</sup>measured 9/21/2010 and was not precipitation affected;<sup>f</sup>measured 9/19/2011 and was not precipitation affected
Policarpio Creek

Site ID: 71
HUC: Upper Rio Grande
Deployed: 5/20/2010
Drainage Area: 779 ha
Site Elevation: 2772 m
RGCT Population ID: LRG1-23

Figure 1. Monitoring site on Policarpio Creek.

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

Land Ownership:
USFS: 92.7%
State: 0.0%
Private: 7.3%
Other: 0.0%

Figure 2. Location of monitoring site on Policarpio Creek.

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

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

<table>
<thead>
<tr>
<th></th>
<th>Year</th>
<th>2-hr Min (°C)</th>
<th>2-hr Max (°C)</th>
<th>Min WAT (°C)</th>
<th>Max WAT (°C)</th>
<th>Baseflow Discharge (cfs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>2010</td>
<td>0.44</td>
<td>15.93</td>
<td>1.89</td>
<td>11.23</td>
<td>0.46^</td>
</tr>
<tr>
<td>Data</td>
<td>2011</td>
<td>0.11</td>
<td>16.53</td>
<td>1.46</td>
<td>11.19</td>
<td>0.62^</td>
</tr>
<tr>
<td>Air</td>
<td>2010</td>
<td>-18.50</td>
<td>28.37</td>
<td>-7.09</td>
<td>15.87</td>
<td>-----</td>
</tr>
<tr>
<td>Data</td>
<td>2011</td>
<td>-34.26</td>
<td>30.69</td>
<td>-13.84</td>
<td>16.17</td>
<td>-----</td>
</tr>
</tbody>
</table>

^211 days of data (6/04/2010—12/31/2010); ^261 days of data (1/01/2011—9/18/2011); ^211 days of data (6/04/2010—12/31/2010); ^261 days of data (1/01/2011—9/18/2011); ^measured on 9/21/2010 and was not precipitation affected; ^measured 9/19/2011 and was not precipitation affected
Rio Grande del Rancho

Site ID: 72
HUC: Upper Rio Grande
Deployed: 9/20/2011
Drainage Area: 1,068 ha
Site Elevation: 2928 m
RGCT Population ID: LRG1-21

Figure 1. Monitoring site on Rio Grande del Rancho.

Population Information
Genetic Status: > 1% and ≤ 10%
Non-Natives: 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 Rio Grande del Rancho.

<table>
<thead>
<tr>
<th>Year</th>
<th>2-hr Min (°C)</th>
<th>2-hr Max (°C)</th>
<th>Min WAT (°C)</th>
<th>Max WAT (°C)</th>
<th>Baseflow Discharge (cfs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>2010&lt;sup&gt;ab&lt;/sup&gt;</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA&lt;sup&gt;a&lt;/sup&gt;</td>
</tr>
<tr>
<td>Data</td>
<td>2011&lt;sup&gt;ab&lt;/sup&gt;</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>0.52&lt;sup&gt;b&lt;/sup&gt;</td>
</tr>
<tr>
<td>Air</td>
<td>2010&lt;sup&gt;ac&lt;/sup&gt;</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>-----</td>
</tr>
<tr>
<td>Data</td>
<td>2011&lt;sup&gt;d&lt;/sup&gt;</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>-----</td>
</tr>
</tbody>
</table>

<sup>a</sup>no data collected in 2010; <sup>b</sup>no data collected in 2011; <sup>c</sup>no data collected in 2010; <sup>d</sup>no data collected in 2011; <sup>e</sup>no summer baseflow measured in 2010; <sup>f</sup>measured 9/20/2011 and was precipitation affected
Frijoles Creek

Site ID: 73
HUC: Upper Rio Grande
Deployed: 9/20/2011
Drainage Area: 804 ha
Site Elevation: 2923 m
RGCT Population ID: LRG1-29

Figure 1. Monitoring site on Frijoles Creek.

Figure 2. Location of monitoring site on Frijoles Creek.

Population Information
Genetic Status: Unaltered
Non-Natives: 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.

<table>
<thead>
<tr>
<th>Year</th>
<th>2-hr Min (°C)</th>
<th>2-hr Max (°C)</th>
<th>Min WAT (°C)</th>
<th>Max WAT (°C)</th>
<th>Baseflow Discharge (cfs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water 2010</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Data 2010</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>0.55'</td>
</tr>
<tr>
<td>Air 2010</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>-----</td>
</tr>
<tr>
<td>Data 2011</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>-----</td>
</tr>
</tbody>
</table>

*no data collected in 2010; †no data collected in 2011; ‡no data collected in 2010; §no data collected in 2011; ¶no summer baseflow measured in 2010; ‡measured 9/20/2011 and was precipitation affected
Yerba Creek

Site ID: 74
HUC: Upper Rio Grande
Deployed: 9/21/2011
Drainage Area: 619 ha
Site Elevation: 2516 m
RGCT Population ID: LRG1-13

Figure 1. Monitoring location on Yerba Creek.

Population Information
Genetic Status: Unaltered
Non-Natives: Brown trout
Barrier: Partial barrier present

Figure 2. Location of monitoring site on Yerba Creek.

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.

<table>
<thead>
<tr>
<th></th>
<th>Year</th>
<th>2-hr Min (°C)</th>
<th>2-hr Max (°C)</th>
<th>Min WAT (°C)</th>
<th>Max WAT (°C)</th>
<th>Baseflow Discharge (cfs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>2010b</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NAe</td>
</tr>
<tr>
<td>Data</td>
<td>2011b</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>0.20f</td>
</tr>
<tr>
<td>Air</td>
<td>2010c</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>-----</td>
</tr>
<tr>
<td>Data</td>
<td>2011d</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>-----</td>
</tr>
</tbody>
</table>

*p data collected in 2010; *b data collected in 2011; *c data collected in 2010; *d data collected in 2011; *e no data collected in 2011; *f no data collected in 2010; *g no summer baseflow measured in 2010; *h measured 9/21/2011 and was precipitation affected
Manzanita Creek

Site ID: 75
HUC: Upper Rio Grande
Deployed: 9/17/2010
Drainage Area: 588 ha
Site Elevation: 2501 m
RGCT Population ID: LRG1-14

Figure 1. Monitoring site on Manzanita Creek.

Population Information
Genetic Status: Not tested
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 Manzanita Creek.

Water Temperature (°C)

<table>
<thead>
<tr>
<th>Date</th>
<th>2-hr</th>
<th>MWAT</th>
<th>DM</th>
<th>WAT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jan-10</td>
<td>20.5</td>
<td>20.5</td>
<td>20.5</td>
<td>20.5</td>
</tr>
<tr>
<td>Jul-10</td>
<td>20.5</td>
<td>20.5</td>
<td>20.5</td>
<td>20.5</td>
</tr>
<tr>
<td>Jul-11</td>
<td>20.5</td>
<td>20.5</td>
<td>20.5</td>
<td>20.5</td>
</tr>
<tr>
<td>Jul-12</td>
<td>20.5</td>
<td>20.5</td>
<td>20.5</td>
<td>20.5</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Year</th>
<th>2-hr Min (°C)</th>
<th>2-hr Max (°C)</th>
<th>Min WAT (°C)</th>
<th>Max WAT (°C)</th>
<th>Baseflow Discharge (cfs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>2010&lt;sup&gt;a&lt;/sup&gt;</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Data</td>
<td>2011&lt;sup&gt;b&lt;/sup&gt;</td>
<td>3.51</td>
<td>7.36</td>
<td>4.17</td>
<td>6.21</td>
</tr>
<tr>
<td>Air</td>
<td>2010&lt;sup&gt;c&lt;/sup&gt;</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Data</td>
<td>2011&lt;sup&gt;d&lt;/sup&gt;</td>
<td>-29.62</td>
<td>30.41</td>
<td>-12.92</td>
<td>16.71</td>
</tr>
</tbody>
</table>

<sup>a</sup>105 days of data (9/18/2010 – 12/31/2010); <sup>b</sup>263 days of data (1/1/2011 – 9/20/2011); <sup>c</sup>105 days of data (9/18/2010 – 12/31/2010); <sup>d</sup>263 days of data (8/10/2011 – 9/20/2011); <sup>e</sup>measured on 9/17/2010 and was not precipitation affected; <sup>f</sup>measured 9/21/2011 and was not precipitation affected
Italianos Creek

Site ID: 76
HUC: Upper Rio Grande
Deployed: 5/22/2010
Drainage Area: 581 ha
Site Elevation: 2677 m
RGCT Population ID: LRG1-15

Figure 1. Monitoring site on Italianos Creek.

Population Information
Genetic Status: Not tested
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 Italianos Creek.

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

<table>
<thead>
<tr>
<th>Year</th>
<th>2-hr Min °C</th>
<th>2-hr Max °C</th>
<th>Min WAT °C</th>
<th>Max WAT °C</th>
<th>Baseflow Discharge (cfs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>2010(\text{a})</td>
<td>-0.03</td>
<td>15.57</td>
<td>0.00</td>
<td>11.87</td>
</tr>
<tr>
<td>Data</td>
<td>2011(\text{b})</td>
<td>-0.03</td>
<td>15.78</td>
<td>0.07</td>
<td>11.92</td>
</tr>
<tr>
<td>Air</td>
<td>2010(\text{c})</td>
<td>-17.97</td>
<td>27.17</td>
<td>-8.67</td>
<td>15.99</td>
</tr>
<tr>
<td>Data</td>
<td>2011(\text{d})</td>
<td>-29.42</td>
<td>27.16</td>
<td>-13.66</td>
<td>16.61</td>
</tr>
</tbody>
</table>

\(\text{a}\)211 days of data (6/04/2010—12/31/2010); \(\text{b}\)263 days of data (1/01/2011—9/20/2011); \(\text{c}\)211 days of data (6/04/2010—12/31/2010); \(\text{d}\)263 days of data (1/01/2011—9/20/2011); \(\text{e}\)measured on 9/17/2010 and was not precipitation affected; \(\text{f}\)measured 9/21/2011 and was not precipitation affected.
Gavilan Creek

Site ID: 77
HUC: Upper Rio Grande
Deployed: 9/21/2011
Drainage Area: 764 ha
Site Elevation: 2775 m
RGCT Population ID: LRG1-26

Figure 1. Monitoring site on Gavilan Creek.

Population Information
Genetic Status: Unaltered
Non-Natives: Brown trout
Barrier: No barrier present

Land Ownership:
USFS: 99.9%
State: 0.0%
Private: 0.1%
Other: 0.0%

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

<table>
<thead>
<tr>
<th>Year</th>
<th>2-hr Min (°C)</th>
<th>2-hr Max (°C)</th>
<th>Min WAT (°C)</th>
<th>Max WAT (°C)</th>
<th>Baseflow Discharge (cfs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>2010&lt;sup&gt;a&lt;/sup&gt;</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Data</td>
<td>2011&lt;sup&gt;b&lt;/sup&gt;</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>0.80&lt;sup&gt;d&lt;/sup&gt;</td>
</tr>
<tr>
<td>Air</td>
<td>2010&lt;sup&gt;c&lt;/sup&gt;</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>-----</td>
</tr>
<tr>
<td>Data</td>
<td>2011&lt;sup&gt;d&lt;/sup&gt;</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>-----</td>
</tr>
</tbody>
</table>

<sup>a</sup>no data collected in 2010; <sup>b</sup>no data collected in 2011; <sup>c</sup>no data collected in 2010; <sup>d</sup>no data collected in 2011; <sup>e</sup>no summer baseflow measured in 2010; <sup>d</sup>measured 9/21/2011 and was precipitation affected
San Cristobal Creek

Site ID: 78
HUC: Upper Rio Grande
Deployed: 5/22/2010
Drainage Area: 1, 200 ha
Site Elevation: 2497 m
RGCT Population ID: LRG1-12

Figure 1. Monitoring site on San Cristobal 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 San Cristobal Creek.

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

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

<table>
<thead>
<tr>
<th>Year</th>
<th>2-hr Min (°C)</th>
<th>2-hr Max (°C)</th>
<th>Min WAT (°C)</th>
<th>Max WAT (°C)</th>
<th>Baseflow Discharge (cfs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water 2010</td>
<td>0.02</td>
<td>12.74</td>
<td>0.59</td>
<td>10.78</td>
<td>0.90&lt;sup&gt;a&lt;/sup&gt;</td>
</tr>
<tr>
<td>Data 2011</td>
<td>0.01</td>
<td>14.24</td>
<td>0.31</td>
<td>11.44</td>
<td>0.45&lt;sup&gt;b&lt;/sup&gt;</td>
</tr>
<tr>
<td>Air 2010</td>
<td>-21.11</td>
<td>32.76</td>
<td>-6.53</td>
<td>19.12</td>
<td>----</td>
</tr>
<tr>
<td>Data 2011</td>
<td>29.39</td>
<td>32.54</td>
<td>-12.09</td>
<td>19.05</td>
<td>----</td>
</tr>
</tbody>
</table>

<sup>a</sup>211 days of data (6/04/2010 – 12/31/2010);<sup>b</sup>263 days of data (1/01/2011 – 9/20/2011);<sup>c</sup>211 days of data (6/04/2010 – 12/31/2010);<sup>d</sup>263 days of data (1/01/2011 – 9/20/2011);<sup>e</sup>measured on 9/13/2010 and was not precipitation affected;<sup>f</sup>measured 9/21/2011 and was not precipitation affected
Columbine Creek

Site ID: 79
HUC: Upper Rio Grande
Deployed: 5/22/2010
Drainage Area: 4,164 ha
Site Elevation: 2435 m
RGCT Population ID: LRG1-11

Figure 2. Lower monitoring site on Columbine Creek.

Population Information
Genetic Status: Unaltered
Non-Natives: Brown trout
Barrier: Compete barrier present

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

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

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

<table>
<thead>
<tr>
<th>Year</th>
<th>2-hr Min (°C)</th>
<th>2-hr Max (°C)</th>
<th>Min Wat (°C)</th>
<th>Max Wat (°C)</th>
<th>Baseflow Discharge (cfs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>2010&lt;sup&gt;a&lt;/sup&gt;</td>
<td>-0.06</td>
<td>12.55</td>
<td>0.37</td>
<td>9.52</td>
</tr>
<tr>
<td>Data</td>
<td>2011&lt;sup&gt;b&lt;/sup&gt;</td>
<td>-0.05</td>
<td>13.16</td>
<td>0.22</td>
<td>10.12</td>
</tr>
<tr>
<td>Air</td>
<td>2010&lt;sup&gt;c&lt;/sup&gt;</td>
<td>Lost</td>
<td>Lost</td>
<td>Lost</td>
<td>Lost</td>
</tr>
<tr>
<td>Data</td>
<td>2011&lt;sup&gt;d&lt;/sup&gt;</td>
<td>Lost</td>
<td>Lost</td>
<td>Lost</td>
<td>Lost</td>
</tr>
</tbody>
</table>

<sup>a</sup>211 days of data (6/04/2010—12/31/2010); <sup>b</sup>264 days of data (1/01/2011—9/21/2011); <sup>c</sup>data logger lost in 2010 and no data is presented; <sup>d</sup>data logger lost in 2011 and no data is presented; <sup>e</sup>measured on 9/14/2010 and was not precipitation affected; <sup>f</sup>measured 9/22/2011 and was not precipitation affected.
Columbine Creek

Site ID: 80
HUC: Upper Rio Grande
Deployed: 9/15/2010
Drainage Area: 1,451 ha
Site Elevation: 2583 m
RGCT Population ID: LRG1-11

Figure 1. Upper monitoring site on Columbine 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 Columbine Creek.

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

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

<table>
<thead>
<tr>
<th></th>
<th>Year</th>
<th>2-hr Min (°C)</th>
<th>2-hr Max (°C)</th>
<th>Min WAT (°C)</th>
<th>Max WAT (°C)</th>
<th>Baseflow Discharge (cfs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>2010</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>1.26b</td>
</tr>
<tr>
<td>Data</td>
<td>2011</td>
<td>-0.10</td>
<td>13.40</td>
<td>-0.06</td>
<td>10.37</td>
<td>1.17f</td>
</tr>
<tr>
<td>Air</td>
<td>2010</td>
<td>NA</td>
<td>29.32</td>
<td>NA</td>
<td>15.89</td>
<td>-----</td>
</tr>
<tr>
<td>Data</td>
<td>2011</td>
<td>NA</td>
<td>28.67</td>
<td>NA</td>
<td>16.35</td>
<td>-----</td>
</tr>
</tbody>
</table>

*108 days of data (9/15/2010 – 12/31/2010); *264 days of data (1/1/2011 – 9/21/2011); *102 days of data (6/04/2010 – 9/13/2010); *30 days of data (5/15/2011 – 9/21/2011); *measured on 9/14/2010 and was not precipitation affected; *measured 9/22/2011 and was not precipitation affected.
Placer Fork

Site ID: 81
HUC: Upper Rio Grande
Deployed: 9/15/2010
Drainage Area: 1,324 ha
Site Elevation: 2581 m
RGCT Population ID: LRG1-11

Figure 1. Monitoring site on Placer Fork.

Population Information
Genetic Status: Unaltered
Non-Natives: Brown trout
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 Placer Fork.

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

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

<table>
<thead>
<tr>
<th></th>
<th>Year</th>
<th>2-hr Min (°C)</th>
<th>2-hr Max (°C)</th>
<th>Min WAT (°C)</th>
<th>Max WAT (°C)</th>
<th>Baseflow Discharge (cfs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>2010&lt;sup&gt;a&lt;/sup&gt;</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>3.10&lt;sup&gt;e&lt;/sup&gt;</td>
</tr>
<tr>
<td>Data</td>
<td>2011&lt;sup&gt;b&lt;/sup&gt;</td>
<td>-0.03</td>
<td>11.42</td>
<td>0.12</td>
<td>9.43</td>
<td>1.11&lt;sup&gt;f&lt;/sup&gt;</td>
</tr>
<tr>
<td>Air</td>
<td>2010&lt;sup&gt;c&lt;/sup&gt;</td>
<td>NA</td>
<td>30.82</td>
<td>NA</td>
<td>15.76</td>
<td>-----</td>
</tr>
<tr>
<td>Data</td>
<td>2011&lt;sup&gt;d&lt;/sup&gt;</td>
<td>Lost</td>
<td>Lost</td>
<td>Lost</td>
<td>Lost</td>
<td>-----</td>
</tr>
</tbody>
</table>

<sup>a</sup>108 days of data (9/15/2010 – 12/31/2010);<sup>b</sup>264 days of data (1/01/2011 – 9/21/2011);<sup>c</sup>102 days of data (6/04/2010 – 9/13/2010);<sup>d</sup>Data logger lost in 2011;<sup>e</sup>measured on 9/14/2010 and was not precipitation affected;<sup>f</sup>measured 9/22/2011 and was not precipitation affected
Cabresto Creek

Site ID: 82  
HUC: Upper Rio Grande  
Deployed: 5/24/2010  
Drainage Area: 2,415 ha  
Site Elevation: 2852 m  
RGCT Population ID: LRG1-09

Figure 1. Lower monitoring site on Cabresto Creek.

Population Information
Genetic Status: Unaltered  
Non-Natives: Brook trout  
Barrier: No barrier present

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

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

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

<table>
<thead>
<tr>
<th>Year</th>
<th>2-hr Min (°C)</th>
<th>2-hr Max (°C)</th>
<th>Min WAT (°C)</th>
<th>Max WAT (°C)</th>
<th>Baseflow Discharge (cfs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>2010&lt;sup&gt;a&lt;/sup&gt;</td>
<td>-0.06</td>
<td>16.23</td>
<td>-0.03</td>
<td>11.66</td>
</tr>
<tr>
<td>Data</td>
<td>2011&lt;sup&gt;b&lt;/sup&gt;</td>
<td>-0.05</td>
<td>17.40</td>
<td>-0.02</td>
<td>11.81</td>
</tr>
<tr>
<td>Air</td>
<td>2010&lt;sup&gt;c&lt;/sup&gt;</td>
<td>-19.42</td>
<td>NA</td>
<td>-10.11</td>
<td>NA</td>
</tr>
<tr>
<td>Data</td>
<td>2011&lt;sup&gt;d&lt;/sup&gt;</td>
<td>-30.37</td>
<td>27.74</td>
<td>-15.95</td>
<td>15.53</td>
</tr>
</tbody>
</table>

<sup>a</sup>211 days of data (6/04/2010—12/31/2010);<sup>b</sup>263 days of data (1/01/2011—9/20/2011);<sup>c</sup>211 days of data (6/04/2010—12/31/2010);<sup>d</sup>263 days of data (1/01/2011—9/20/2011);<sup>e</sup>measured on 9/16/2010 and was not precipitation affected;<sup>f</sup>measured 9/21/2011 and was not precipitation affected
Cabresto Creek

Site ID: 83
HUC: Upper Rio Grande
Deployed: 9/18/2010
Drainage Area: 906 ha
Site Elevation: 3088 m
RGCT Population ID: LRG1-09

Figure 1. Upper monitoring site on Cabresto Creek.

Population Information
Genetic Status: Unaltered
Non-Natives: Brook trout
Barrier: No barrier present

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

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

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

<table>
<thead>
<tr>
<th></th>
<th>Year</th>
<th>2-hr Min (°C)</th>
<th>2-hr Max (°C)</th>
<th>Min WAT (°C)</th>
<th>Max WAT (°C)</th>
<th>Baseflow Discharge (cfs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>2010b</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>0.09*</td>
</tr>
<tr>
<td>Data</td>
<td>2011b</td>
<td>-0.07</td>
<td>19.20</td>
<td>0.06</td>
<td>12.65</td>
<td>0.09*</td>
</tr>
<tr>
<td>Air</td>
<td>2010c</td>
<td>-21.40</td>
<td>23.79</td>
<td>-10.54</td>
<td>12.99</td>
<td>-----</td>
</tr>
<tr>
<td>Data</td>
<td>2011d</td>
<td>-32.45</td>
<td>23.17</td>
<td>-16.01</td>
<td>14.61</td>
<td>-----</td>
</tr>
</tbody>
</table>

*105 days of data (9/18/2010—12/31/2010); 263 days of data (1/1/2011—9/20/2011); 221 days of data (6/04/2010—12/31/2010); 263 days of data (1/01/2011—9/20/2011); *measured on 9/16/2010 and was not precipitation affected; *measured 9/21/2011 and was not precipitation affected.
Comanche Creek

Site ID: 84  
HUC: Upper Rio Grande  
Deployed: 5/24/2010  
Drainage Area: 10,941 ha  
Site Elevation: 2728 m  
RGCT Population ID: LRG1-07

Figure 1. Monitoring site 1 on Comanche Creek.

Population Information
Genetic Status: > 1% and ≤ 10%
Non-Natives: Rainbowtrout, White sucker
Barrier: No barrier present

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

Figure 2. Location of monitoring site 1 on Comanche Creek.

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

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

<table>
<thead>
<tr>
<th>Year</th>
<th>2-hr Min (°C)</th>
<th>2-hr Max (°C)</th>
<th>Min WAT (°C)</th>
<th>Max WAT (°C)</th>
<th>Baseflow Discharge (cfs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water 2010&lt;sup&gt;a&lt;/sup&gt;</td>
<td>-0.06</td>
<td>23.83</td>
<td>-0.01</td>
<td>16.77</td>
<td>0.76&lt;sup&gt;c&lt;/sup&gt;</td>
</tr>
<tr>
<td>Data 2011&lt;sup&gt;b&lt;/sup&gt;</td>
<td>-0.05</td>
<td>25.13</td>
<td>-0.03</td>
<td>16.70</td>
<td>0.70&lt;sup&gt;d&lt;/sup&gt;</td>
</tr>
<tr>
<td>Air 2010&lt;sup&gt;c&lt;/sup&gt;</td>
<td>-20.26</td>
<td>27.89</td>
<td>-6.87</td>
<td>16.05</td>
<td>-----</td>
</tr>
<tr>
<td>Data 2011&lt;sup&gt;d&lt;/sup&gt;</td>
<td>-39.64</td>
<td>28.07</td>
<td>-13.38</td>
<td>16.67</td>
<td>-----</td>
</tr>
</tbody>
</table>

<sup>a</sup>211 days of data (6/04/2010—12/31/2010);<sup>b</sup>264 days of data (1/01/2011—9/21/2011);<sup>c</sup>211 days of data (6/04/2010—12/31/2010);<sup>d</sup>264 days of data (1/01/2011—9/21/2011);<sup>e</sup>measured on 9/16/2010 and was not precipitation affected;<sup>f</sup>measured 9/22/2011 and was not precipitation affected
Comanche Creek

Site ID: 85  
HUC: Upper Rio Grande  
Deployed: 9/16/2010  
Drainage Area: 7,440 ha  
Site Elevation: 2780 m  
RGCT Population ID: LRG1-06

Figure 1. Monitoring site 2 on Comanche 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 2 on Comanche Creek.

Figure 3. Two hour running mean (blue line) and weekly average temperature (red line) at monitoring site 2 on Comanche Creek. Dashed lines represent Colorado Tier 1 Cold Water Temperature criteria.

<table>
<thead>
<tr>
<th>Year</th>
<th>2-hr Min (°C)</th>
<th>2-hr Max (°C)</th>
<th>Min WAT (°C)</th>
<th>Max WAT (°C)</th>
<th>Baseflow Discharge (cfs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water 2010&lt;sup&gt;a&lt;/sup&gt;</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>0.80&lt;sup&gt;b&lt;/sup&gt;</td>
</tr>
<tr>
<td>Data 2011&lt;sup&gt;b&lt;/sup&gt;</td>
<td>0.00</td>
<td>24.12</td>
<td>0.02</td>
<td>15.95</td>
<td>0.25&lt;sup&gt;c&lt;/sup&gt;</td>
</tr>
<tr>
<td>Air 2010&lt;sup&gt;c&lt;/sup&gt;</td>
<td>-22.58</td>
<td>27.68</td>
<td>-7.56</td>
<td>15.74</td>
<td>-----</td>
</tr>
<tr>
<td>Data 2011&lt;sup&gt;d&lt;/sup&gt;</td>
<td>-41.79</td>
<td>27.54</td>
<td>-14.46</td>
<td>17.16</td>
<td>-----</td>
</tr>
</tbody>
</table>

<sup>a</sup>107 days of data (9/16/2010 – 12/31/2010);<sup>b</sup>265 days of data (1/1/2011 – 9/22/2011);<sup>c</sup>211 days of data (6/04/2010 – 12/31/2010);<sup>d</sup>265 days of data (1/01/2011 – 9/22/2011);<sup>e</sup>measured on 9/16/2010 and was not precipitation affected;<sup>f</sup>measured 9/23/2011 and was not precipitation affected.
Little Costilla Creek

Site ID: 86
HUC: Upper Rio Grande
Deployed: 5/24/2010
Drainage Area: 1,398 ha
Site Elevation: 2785 m
RGCT Population ID: LRG1-06

Figure 1. Monitoring site on Little Costilla 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 Little Costilla Creek.

![Water Temperature Graph]

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

<table>
<thead>
<tr>
<th>Year</th>
<th>2-hr Min (°C)</th>
<th>2-hr Max (°C)</th>
<th>Min WAT (°C)</th>
<th>Max WAT (°C)</th>
<th>Baseflow Discharge (cfs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water 2010&lt;sup&gt;a&lt;/sup&gt;</td>
<td>-0.06</td>
<td>17.76</td>
<td>0.04</td>
<td>12.98</td>
<td>0.47&lt;sup&gt;e&lt;/sup&gt;</td>
</tr>
<tr>
<td>Data 2011&lt;sup&gt;b&lt;/sup&gt;</td>
<td>-0.06</td>
<td>19.65</td>
<td>-0.03</td>
<td>13.03</td>
<td>0.32&lt;sup&gt;d&lt;/sup&gt;</td>
</tr>
<tr>
<td>Air 2010&lt;sup&gt;c&lt;/sup&gt;</td>
<td>-22.58</td>
<td>27.68</td>
<td>-7.56</td>
<td>15.74</td>
<td>-----</td>
</tr>
<tr>
<td>Data 2011&lt;sup&gt;d&lt;/sup&gt;</td>
<td>-41.79</td>
<td>27.54</td>
<td>-14.56</td>
<td>17.16</td>
<td>-----</td>
</tr>
</tbody>
</table>

<sup>a</sup>211 days of data (6/4/2010 – 12/31/2010);<sup>b</sup>265 days of data (1/01/2011 – 9/22/2011);<sup>c</sup>211 days of data (6/4/2010 – 12/31/2010);<sup>d</sup>265 days of data (1/01/2011 – 9/22/2011);<sup>e</sup>measured on 9/16/2010 and was not precipitation affected;<sup>f</sup>measured 9/23/2011 and was not precipitation affected.
Comanche Creek

Site ID: 87
HUC: Upper Rio Grande
Deployed: 5/26/2010
Drainage Area: 5,078 ha
Site Elevation: 2816 m
RGCT Population ID: LRG1-06

Figure 1. Monitoring site 3 on Comanche 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%

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

<table>
<thead>
<tr>
<th></th>
<th>Year</th>
<th>2-hr Min (°C)</th>
<th>2-hr Max (°C)</th>
<th>Min WAT (°C)</th>
<th>Max WAT (°C)</th>
<th>Baseflow Discharge (cfs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>2010&lt;sup&gt;a&lt;/sup&gt;</td>
<td>Exposed</td>
<td>Exposed</td>
<td>Exposed</td>
<td>Exposed</td>
<td>0.08&lt;sup&gt;b&lt;/sup&gt;</td>
</tr>
<tr>
<td>Data</td>
<td>2011&lt;sup&gt;b&lt;/sup&gt;</td>
<td>Exposed</td>
<td>Exposed</td>
<td>Exposed</td>
<td>Exposed</td>
<td>0.15</td>
</tr>
<tr>
<td>Air</td>
<td>2010&lt;sup&gt;c&lt;/sup&gt;</td>
<td>-23.04</td>
<td>27.20</td>
<td>-7.10</td>
<td>15.31</td>
<td>-----</td>
</tr>
<tr>
<td>Data</td>
<td>2011&lt;sup&gt;d&lt;/sup&gt;</td>
<td>-40.60</td>
<td>26.84</td>
<td>-14.37</td>
<td>16.63</td>
<td>-----</td>
</tr>
</tbody>
</table>

<sup>a</sup>data logger exposed to air in 2010 and no data is presented;<sup>b</sup>data logger exposed to air in 2011 and no data is presented;<sup>c</sup>211 days of data (6/04/2010–12/31/2010);<sup>d</sup>265 days of data (1/01/2011–9/22/2011);<sup>e</sup>measured on 9/15/2010 and was not precipitation affected;<sup>f</sup>measured 9/23/2011 and was not precipitation affected

Figure 2. Location of monitoring site 3 on Comanche Creek.
Grassy Creek

Site ID: 88  
HUC: Upper Rio Grande  
Deployed: 9/15/2010  
Drainage Area: 474 ha  
Site Elevation: 2825 m  
RGCT Population ID: LRG1-06

Figure 1. Monitoring site on Grassy 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%

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

<table>
<thead>
<tr>
<th></th>
<th>Year</th>
<th>2-hr Min (°C)</th>
<th>2-hr Max (°C)</th>
<th>Min WAT (°C)</th>
<th>Max WAT (°C)</th>
<th>Baseflow Discharge (cfs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>2010a</td>
<td>Lost</td>
<td>Lost</td>
<td>Lost</td>
<td>Lost</td>
<td>NA&lt;sup&gt;e&lt;/sup&gt;</td>
</tr>
<tr>
<td>Data</td>
<td>2011b</td>
<td>Lost</td>
<td>Lost</td>
<td>Lost</td>
<td>Lost</td>
<td>NA&lt;sup&gt;f&lt;/sup&gt;</td>
</tr>
<tr>
<td>Air</td>
<td>2010c</td>
<td>-21.37</td>
<td>NA</td>
<td>-7.90</td>
<td>NA</td>
<td>-----</td>
</tr>
<tr>
<td>Data</td>
<td>2011d</td>
<td>-41.45</td>
<td>27.81</td>
<td>-14.89</td>
<td>16.80</td>
<td>-----</td>
</tr>
</tbody>
</table>

<sup>a</sup>data logger lost in 2010 and no data is presented; <sup>b</sup>data logger lost in 2011 and no data is presented; <sup>c</sup>108 days of data (9/15/2010 – 12/31/2010); <sup>d</sup>265 days of data (1/01/2011 – 9/22/2011); <sup>e</sup>no summer baseflow measured in 2010; <sup>f</sup>no summer baseflow measured in 2011

Figure 2. Location of monitoring site on Grassy Creek.
Comanche Creek

Site ID: 89
HUC: Upper Rio Grande
Deployed: 5/26/2010
Drainage Area: 1,352 ha
Site Elevation: 2852 m
RGCT Population ID: LRG1-06

Figure 1. Monitoring Site 4 on Comanche 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 4 on Comanche Creek.

Figure 3. Two hour running mean (blue line) and weekly average temperature (red line) at monitoring site 4 on Comanche Creek. Dashed lines represent Colorado Tier 1 Cold Water Temperature criteria.

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

<table>
<thead>
<tr>
<th></th>
<th>Year</th>
<th>2-hr Min (°C)</th>
<th>2-hr Max (°C)</th>
<th>Min WAT (°C)</th>
<th>Max WAT (°C)</th>
<th>Baseflow Discharge (cfs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>2010</td>
<td>0.00</td>
<td>24.51</td>
<td>0.04</td>
<td>16.78</td>
<td>0.04</td>
</tr>
<tr>
<td>Data</td>
<td>2011</td>
<td>-0.03</td>
<td>26.24</td>
<td>0.00</td>
<td>16.25</td>
<td>0.01</td>
</tr>
<tr>
<td>Air</td>
<td>2010</td>
<td>-19.98</td>
<td>26.11</td>
<td>-8.09</td>
<td>15.13</td>
<td>----</td>
</tr>
<tr>
<td>Data</td>
<td>2011</td>
<td>-40.71</td>
<td>27.53</td>
<td>-14.76</td>
<td>16.67</td>
<td>----</td>
</tr>
</tbody>
</table>

211 days of data (6/04/2010 – 12/31/2010); 265 days of data (1/01/2011 – 9/22/2011); 211 days of data (6/04/2010 – 12/31/2010); 265 days of data (1/01/2011 – 9/22/2011); *measured on 9/15/2010 and was not precipitation affected; **measured 9/23/2011 and was not precipitation affected.
Vidal Creek

Site ID: 90
HUC: Upper Rio Grande
Deployed: 5/26/2010
Drainage Area: 2,447 ha
Site Elevation: 2854 m
RGCT Population ID: LRG1-06

Figure 1. Monitoring site on Vidal 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 Vidal Creek.

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

<table>
<thead>
<tr>
<th>Year</th>
<th>2-hr Min (°C)</th>
<th>2-hr Max (°C)</th>
<th>Min WAT (°C)</th>
<th>Max WAT (°C)</th>
<th>Baseflow Discharge (cfs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water 2010</td>
<td>-0.02</td>
<td>22.90</td>
<td>0.06</td>
<td>16.30</td>
<td>0.04b</td>
</tr>
<tr>
<td>Data 2011a</td>
<td>-0.03</td>
<td>22.99</td>
<td>0.06</td>
<td>15.01</td>
<td>0.02c</td>
</tr>
<tr>
<td>Air 2010b</td>
<td>-20.57</td>
<td>26.33</td>
<td>-8.49</td>
<td>14.72</td>
<td>-----</td>
</tr>
<tr>
<td>Data 2011d</td>
<td>-41.85</td>
<td>29.20</td>
<td>-15.09</td>
<td>16.83</td>
<td>-----</td>
</tr>
</tbody>
</table>

a211 days of data (6/04/2010—12/31/2010); b265 days of data (1/01/2011—9/22/2011); c211 days of data (6/04/2010—12/31/2010); d265 days of data (1/01/2011—9/22/2011); emeasured on 9/15/2010 and was not precipitation affected; fmeasured 9/23/2011 and was not precipitation affected.
Costilla Creek

Site ID: 91
HUC: Upper Rio Grande
Deployed: 9/15/2010
Drainage Area: 17,526 ha
Site Elevation: 2729 m
RGCT Population ID: NA

Figure 1. Monitoring site 1 on Costilla Creek.

Population Information
Genetic Status: NA
Non-Natives: NA
Barrier: NA

Land Ownership:
USFS: 21.8%
State: 0.0%
Private: 78.0%
Other: 0.0%

Figure 2. Location of monitoring site 1 on Costilla Creek.

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

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

<table>
<thead>
<tr>
<th>Year</th>
<th>2-hr Min (°C)</th>
<th>2-hr Max (°C)</th>
<th>Min WAT (°C)</th>
<th>Max WAT (°C)</th>
<th>Baseflow Discharge (cfs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>2010&lt;sup&gt;b&lt;/sup&gt;</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Data</td>
<td>2011&lt;sup&gt;b&lt;/sup&gt;</td>
<td>-0.10</td>
<td>22.51</td>
<td>-0.07</td>
<td>16.41</td>
</tr>
<tr>
<td>Air</td>
<td>2010&lt;sup&gt;c&lt;/sup&gt;</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Data</td>
<td>2011&lt;sup&gt;d&lt;/sup&gt;</td>
<td>-41.33</td>
<td>26.66</td>
<td>-13.74</td>
<td>16.26</td>
</tr>
</tbody>
</table>

<sup>a</sup>107 days of data (9/16/2010 – 12/31/2010); <sup>b</sup>264 days of data (1/1/2011 – 9/21/2011); <sup>c</sup>107 days of data (9/16/2010 – 12/31/2010); <sup>d</sup>264 days of data (1/1/2011 – 9/21/2011); <sup>e</sup>no summer baseflow measured in 2010; <sup>f</sup>measured 9/22/2011 and was not precipitation affected.
La Queva Creek

Site ID: 92
HUC: Upper Rio Grande
Deployed: 9/23/2011
Drainage Area: 852 ha
Site Elevation: 2745 m
RGCT Population ID: LRG1-05

Figure 1. Location of monitoring site on La Queva Creek.

Population Information
Genetic Status: > 1% and ≤ 10%
Non-Natives: None present
Barrier: No barrier present

Land Ownership:
USFS: 80.3%
State: 0.0%
Private: 19.7%
Other: 0.0%

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

<table>
<thead>
<tr>
<th></th>
<th>Year</th>
<th>2-hr Min (°C)</th>
<th>2-hr Max (°C)</th>
<th>Min WAT (°C)</th>
<th>Max WAT (°C)</th>
<th>Baseflow Discharge (cfs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>2010</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NAe</td>
</tr>
<tr>
<td>Data</td>
<td>2011</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>0.09</td>
</tr>
<tr>
<td>Air</td>
<td>2010</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>-----</td>
</tr>
<tr>
<td>Data</td>
<td>2011</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>-----</td>
</tr>
</tbody>
</table>

a no data collected in 2010; b no data collected in 2011; c no data collected in 2010; d no data collected in 2011; e no summer baseflow measured in 2010; f measured 9/23/2011 and was precipitation affected
Powderhouse Creek

Site ID: 93
HUC: Upper Rio Grande
Deployed: 5/26/2010
Drainage Area: 903 ha
Site Elevation: 2948 m
RGCT Population ID: LRG1-03

![Monitoring site on Powderhouse Creek.](image1)

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

![Location of monitoring site on Powderhouse Creek.](image2)

**Land Ownership:**
USFS: 100.0%
State: 0.0%
Private: 0.0%
Other: 0.0%

![Two hour running mean (blue line) and weekly average temperature (red line) at monitoring site on Powderhouse Creek. Dashed lines represent Colorado Tier 1 Cold Water Temperature criteria.](image3)

<table>
<thead>
<tr>
<th>Year</th>
<th>2-hr Min (°C)</th>
<th>2-hr Max (°C)</th>
<th>Min WAT (°C)</th>
<th>Max WAT (°C)</th>
<th>Baseflow Discharge (cfs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>2010&lt;sup&gt;a&lt;/sup&gt;</td>
<td>-0.12</td>
<td>18.19</td>
<td>-0.09</td>
<td>12.50</td>
</tr>
<tr>
<td>Data</td>
<td>2011&lt;sup&gt;b&lt;/sup&gt;</td>
<td>-0.65</td>
<td>17.89</td>
<td>-0.48</td>
<td>12.84</td>
</tr>
<tr>
<td>Air</td>
<td>2010&lt;sup&gt;c&lt;/sup&gt;</td>
<td>-19.85</td>
<td>25.26</td>
<td>-9.31</td>
<td>13.75</td>
</tr>
<tr>
<td>Data</td>
<td>2011&lt;sup&gt;d&lt;/sup&gt;</td>
<td>-34.85</td>
<td>24.97</td>
<td>-14.61</td>
<td>15.83</td>
</tr>
</tbody>
</table>

<sup>a</sup>211 days of data (6/04/2010—12/31/2010);<sup>b</sup>264 days of data (1/01/2011—9/21/2011);<sup>c</sup>211 days of data (6/04/2010—12/31/2010);<sup>d</sup>264 days of data (1/01/2011—9/21/2011);<sup>e</sup>measured on 9/14/2010 and was not precipitation affected;<sup>f</sup>measured 9/22/2011 and was not precipitation affected.
Santastievan Creek

Site ID: 94
HUC: Upper Rio Grande
Deployed: 9/25/2010
Drainage Area: 592 ha
Site Elevation: 2885 m
RGCT Population ID: NA

Figure 1. Monitoring site on Santastievan Creek.

Population Information
Genetic Status: NA
Non-Natives: Fishless
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 Santastievan Creek.

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

<table>
<thead>
<tr>
<th>Year</th>
<th>2-hr Min (°C)</th>
<th>2-hr Max (°C)</th>
<th>Min WAT (°C)</th>
<th>Max WAT (°C)</th>
<th>Baseflow Discharge (cfs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water 2010&lt;sup&gt;a&lt;/sup&gt;</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>0.75&lt;sup&gt;e&lt;/sup&gt;</td>
</tr>
<tr>
<td>Data 2011&lt;sup&gt;b&lt;/sup&gt;</td>
<td>-0.03</td>
<td>16.12</td>
<td>0.03</td>
<td>11.75</td>
<td>0.54&lt;sup&gt;d&lt;/sup&gt;</td>
</tr>
<tr>
<td>Air 2010&lt;sup&gt;c&lt;/sup&gt;</td>
<td>NA</td>
<td>25.87</td>
<td>NA</td>
<td>15.39</td>
<td>-----</td>
</tr>
<tr>
<td>Data 2011&lt;sup&gt;d&lt;/sup&gt;</td>
<td>Lost</td>
<td>Lost</td>
<td>Lost</td>
<td>Lost</td>
<td>-----</td>
</tr>
</tbody>
</table>

<sup>a</sup>86 days of data (9/25/2010 – 12/31/2010);<sup>b</sup>269 days of data (1/01/2011 – 9/26/2011);<sup>c</sup>112 days of data (6/04/2010 – 9/23/2010);<sup>d</sup>data logger lost in 2011 and no data is presented;<sup>e</sup>measured on 9/24/2010 and was precipitation affected;<sup>f</sup>measured 9/27/2011 and was not precipitation affected
Casias Creek

Site ID: 95  
HUC: Upper Rio Grande  
Deployed: 5/25/2010  
Drainage Area: 4,157 ha  
Site Elevation: 2885 m  
RGCT Population ID: NA

Figure 1. Lower monitoring site on Casias 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 lower monitoring site on Casias Creek.

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

<table>
<thead>
<tr>
<th>Year</th>
<th>2-hr Min (°C)</th>
<th>2-hr Max (°C)</th>
<th>Min WAT (°C)</th>
<th>Max WAT (°C)</th>
<th>Baseflow Discharge (cfs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>2010&lt;sup&gt;a&lt;/sup&gt;</td>
<td>-0.14</td>
<td>17.62</td>
<td>-0.09</td>
<td>12.05</td>
</tr>
<tr>
<td></td>
<td>2011&lt;sup&gt;b&lt;/sup&gt;</td>
<td>-0.13</td>
<td>20.48</td>
<td>-0.09</td>
<td>13.38</td>
</tr>
<tr>
<td>Air</td>
<td>2010&lt;sup&gt;c&lt;/sup&gt;</td>
<td>-18.88</td>
<td>27.67</td>
<td>-6.81</td>
<td>15.21</td>
</tr>
<tr>
<td>Data</td>
<td>2011&lt;sup&gt;d&lt;/sup&gt;</td>
<td>-36.37</td>
<td>26.52</td>
<td>-13.75</td>
<td>17.81</td>
</tr>
</tbody>
</table>

<sup>a</sup>211 days of data (6/04/2010 – 12/31/2010); <sup>b</sup>269 days of data (1/01/2011 – 9/26/2011); <sup>c</sup>211 days of data (6/04/2010 – 12/31/2010); <sup>d</sup>269 days of data (1/01/2011 – 9/26/2011); <sup>e</sup>measured on 9/24/2010 and was precipitation affected; <sup>f</sup>measured 9/27/2011 and was not precipitation affected.
Casias Creek

Site ID: 96
HUC: Upper Rio Grande
Deployed: 9/25/2010
Drainage Area: 1,883 ha
Site Elevation: 2988 m
RGCT Population ID: NA

Figure 1. Upper monitoring site on Casias Creek.

Population Information
Genetic Status: NA
Non-Natives: NA
Barrier: Complete barrier present

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

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

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

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

<table>
<thead>
<tr>
<th></th>
<th>Year</th>
<th>2-hr Min (°C)</th>
<th>2-hr Max (°C)</th>
<th>Min WAT (°C)</th>
<th>Max WAT (°C)</th>
<th>Baseflow Discharge (cfs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>2010(^{a})</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>1.19(^{e})</td>
</tr>
<tr>
<td>Data</td>
<td>2011(^{b})</td>
<td>-0.06</td>
<td>17.55</td>
<td>0.07</td>
<td>11.47</td>
<td>2.08(^{f})</td>
</tr>
<tr>
<td>Air</td>
<td>2010(^{c})</td>
<td>-20.19</td>
<td>24.67</td>
<td>-7.33</td>
<td>14.89</td>
<td>-----</td>
</tr>
<tr>
<td>Data</td>
<td>2011(^{d})</td>
<td>-32.87</td>
<td>24.64</td>
<td>-14.19</td>
<td>16.88</td>
<td>-----</td>
</tr>
</tbody>
</table>

\(^{a}\) 98 days of data (9/25/2010 – 12/31/2010); \(^{b}\) 269 days of data (1/01/2011 – 9/26/2011); \(^{c}\) 211 days of data (6/04/2010 – 12/31/2010); \(^{d}\) 269 days of data (1/01/2011 – 9/26/2011); \(^{e}\) measured on 9/24/2010 and was precipitation affected; \(^{f}\) measured 9/27/2011 and was not precipitation affected
Costilla Creek

Site ID: 97
HUC: Upper Rio Grande
Deployed: 5/25/2010
Drainage Area: 1,678 ha
Site Elevation: 3097 m
RGCT Population ID: LRG1-01

Figure 1. Monitoring site 2 on Costilla 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 2 on Costilla Creek.

Figure 3. Two hour running mean (blue line) and weekly average temperature (red line) at monitoring site 2 on Costilla Creek. Dashed lines represent Colorado Tier 1 Cold Water Temperature criteria.

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

<table>
<thead>
<tr>
<th></th>
<th>Year</th>
<th>2-hr Min (°C)</th>
<th>2-hr Max (°C)</th>
<th>Min WAT (°C)</th>
<th>Max WAT (°C)</th>
<th>Baseflow Discharge (cfs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>2010a</td>
<td>0.00</td>
<td>22.39</td>
<td>0.04</td>
<td>13.24</td>
<td>0.67b</td>
</tr>
<tr>
<td>Data</td>
<td>2011b</td>
<td>0.00</td>
<td>23.22</td>
<td>0.05</td>
<td>13.38</td>
<td>0.97c</td>
</tr>
<tr>
<td>Air</td>
<td>2010c</td>
<td>-21.15</td>
<td>24.96</td>
<td>-8.20</td>
<td>14.06</td>
<td>-----</td>
</tr>
<tr>
<td>Data</td>
<td>2011d</td>
<td>-33.62</td>
<td>25.16</td>
<td>-14.43</td>
<td>15.64</td>
<td>-----</td>
</tr>
</tbody>
</table>

*211 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); e-measured on 9/24/2010 and was precipitation affected; f-measured 9/27/2011 and was not precipitation affected
West Fork Costilla Creek

Site ID: 98
HUC: Upper Rio Grande
Deployed: 5/25/2010
Drainage Area: 481 ha
Site Elevation: 3149 m
RGCT Population ID: LRG1-01

Figure 1. Monitoring site on West Fork Costilla 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 West Fork Costilla Creek.

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

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

<table>
<thead>
<tr>
<th>Year</th>
<th>2-hr Min (°C)</th>
<th>2-hr Max (°C)</th>
<th>Min WAT (°C)</th>
<th>Max WAT (°C)</th>
<th>Baseflow Discharge (cfs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water 2010&lt;sup&gt;a&lt;/sup&gt;</td>
<td>-0.06</td>
<td>19.21</td>
<td>-0.02</td>
<td>11.40</td>
<td>0.23&lt;sup&gt;b&lt;/sup&gt;</td>
</tr>
<tr>
<td>Data 2011&lt;sup&gt;b&lt;/sup&gt;</td>
<td>-0.05</td>
<td>19.22</td>
<td>0.01</td>
<td>11.04</td>
<td>0.50&lt;sup&gt;c&lt;/sup&gt;</td>
</tr>
<tr>
<td>Air 2010&lt;sup&gt;c&lt;/sup&gt;</td>
<td>-21.87</td>
<td>24.51</td>
<td>-8.46</td>
<td>13.87</td>
<td>----</td>
</tr>
<tr>
<td>Data 2011&lt;sup&gt;d&lt;/sup&gt;</td>
<td>-34.89</td>
<td>24.07</td>
<td>-14.48</td>
<td>15.31</td>
<td>----</td>
</tr>
</tbody>
</table>

<sup>a</sup>21 days of data (6/04/2010—12/31/2010);<sup>b</sup>269 days of data (1/01/2011—9/26/2011);<sup>c</sup>211 days of data (6/04/2010—12/31/2010);<sup>d</sup>269 days of data (1/01/2011—9/26/2011);<sup>e</sup>measured on 9/24/2010 and was precipitation affected;<sup>f</sup>measured 9/27/2011 and was not precipitation affected
East Fork Costilla Creek

Site ID: 99
HUC: Upper Rio Grande
Deployed: 5/25/2010
Drainage Area: 550 ha
Site Elevation: 3149 m
RGCT Population ID: LRG1-01

Figure 1. Monitoring site on East Fork Costilla 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 East Fork Costilla Creek.

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

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

<table>
<thead>
<tr>
<th></th>
<th>Year</th>
<th>2-hr Min (°C)</th>
<th>2-hr Max (°C)</th>
<th>Min WAT (°C)</th>
<th>Max WAT (°C)</th>
<th>Baseflow Discharge (cfs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>2010&lt;sup&gt;a&lt;/sup&gt;</td>
<td>-0.02</td>
<td>20.25</td>
<td>0.09</td>
<td>11.66</td>
<td>0.16&lt;sup&gt;b&lt;/sup&gt;</td>
</tr>
<tr>
<td>Data</td>
<td>2011&lt;sup&gt;b&lt;/sup&gt;</td>
<td>0.00</td>
<td>22.51</td>
<td>0.22</td>
<td>12.17</td>
<td>0.34&lt;sup&gt;c&lt;/sup&gt;</td>
</tr>
<tr>
<td>Air</td>
<td>2010&lt;sup&gt;c&lt;/sup&gt;</td>
<td>-21.84</td>
<td>24.01</td>
<td>-8.78</td>
<td>14.17</td>
<td>-----</td>
</tr>
<tr>
<td>Data</td>
<td>2011&lt;sup&gt;d&lt;/sup&gt;</td>
<td>-35.06</td>
<td>24.34</td>
<td>-14.72</td>
<td>15.45</td>
<td>-----</td>
</tr>
</tbody>
</table>

<sup>a</sup>211 days of data (6/04/2010 – 12/31/2010); <sup>b</sup>269 days of data (1/01/2011—9/26/2011); <sup>c</sup>211 days of data (6/04/2010 – 12/31/2010); <sup>d</sup>269 days of data (1/01/2011—9/26/2011); <sup>*</sup>measured on 9/24/2010 and was precipitation affected; <sup>†</sup>measured 9/27/2011 and was not precipitation affected.
Rio de las Vacas

Site ID: 100
HUC: Jemez
Deployed: 9/29/2011
Drainage Area: 3,487 ha
Site Elevation: 2754 m
RGCT Population ID: LRG4-03

Figure 1. Monitoring site on Rio de las Vacas.

Population Information
Genetic Status: > 1% and ≤ 10%
Non-Natives: Brown trout
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 Rio de las Vacas.

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

<table>
<thead>
<tr>
<th>Year</th>
<th>2-hr Min (°C)</th>
<th>2-hr Max (°C)</th>
<th>Min WAT (°C)</th>
<th>Max WAT (°C)</th>
<th>Baseflow Discharge (cfs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>2010&lt;sup&gt;a&lt;/sup&gt;</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA&lt;sup&gt;c&lt;/sup&gt;</td>
</tr>
<tr>
<td>Data</td>
<td>2011&lt;sup&gt;b&lt;/sup&gt;</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>0.39&lt;sup&gt;f&lt;/sup&gt;</td>
</tr>
<tr>
<td>Air</td>
<td>2010&lt;sup&gt;c&lt;/sup&gt;</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA&lt;sup&gt;d&lt;/sup&gt;</td>
</tr>
<tr>
<td>Data</td>
<td>2011&lt;sup&gt;d&lt;/sup&gt;</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA&lt;sup&gt;d&lt;/sup&gt;</td>
</tr>
</tbody>
</table>

<sup>a</sup>no data collected in 2010; <sup>b</sup>no data collected in 2011; <sup>c</sup>no data collected in 2010; <sup>d</sup>no data collected in 2011; <sup>e</sup>no summerbaseflow measured in 2010; <sup>f</sup>measured 9/29/2011 and was precipitation affected
Rio de las Palomas

Site ID: 101
HUC: Jemez
Deployed: 9/29/2011
Drainage Area: 1,120 ha
Site Elevation: 2571 m
RGCT Population ID: LRG4-02

Figure 1. Monitoring site on Rio de las Palomas.

Population Information
Genetic Status: > 1% and ≤ 10%
Non-Natives: Brown 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 Rio de las Palomas.

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

<table>
<thead>
<tr>
<th>Year</th>
<th>2-hr Min (°C)</th>
<th>2-hr Max (°C)</th>
<th>Min WAT (°C)</th>
<th>Max WAT (°C)</th>
<th>Baseflow Discharge (cfs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water 2010&lt;sup&gt;a&lt;/sup&gt;</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA&lt;sup&gt;c&lt;/sup&gt;</td>
</tr>
<tr>
<td>Data 2011&lt;sup&gt;b&lt;/sup&gt;</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>0.02&lt;sup&gt;d&lt;/sup&gt;</td>
</tr>
<tr>
<td>Air 2010&lt;sup&gt;c&lt;/sup&gt;</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>-----</td>
</tr>
<tr>
<td>Data 2011&lt;sup&gt;d&lt;/sup&gt;</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>-----</td>
</tr>
</tbody>
</table>

<sup>a</sup>no data collected in 2010; <sup>b</sup>no data collected in 2011; <sup>c</sup>no data collected in 2010; <sup>d</sup>no data collected in 2011; <sup>e</sup>no summer baseflow measured in 2010; <sup>f</sup>measured 9/29/2011 and was precipitation affected
La Jara Creek

Site ID: 102  
HUC: Rio Puerco  
Deployed: 9/28/2011  
Drainage Area: 1,394 ha  
Site Elevation: 2451 m  
RGCT Population ID: LRG5-01

Figure 1. Monitoring site on La Jara Creek.

Figure 2. Location of monitoring site on La Jara 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%

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

<table>
<thead>
<tr>
<th>Year</th>
<th>2-hr Min (°C)</th>
<th>2-hr Max (°C)</th>
<th>Min WAT (°C)</th>
<th>Max WAT (°C)</th>
<th>Baseflow Discharge (cfs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>2010&lt;sup&gt;a&lt;/sup&gt;</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Data</td>
<td>2011&lt;sup&gt;b&lt;/sup&gt;</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td></td>
<td>2010&lt;sup&gt;c&lt;/sup&gt;</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Air Data</td>
<td>2011&lt;sup&gt;d&lt;/sup&gt;</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
</tbody>
</table>

<sup>a</sup> no data collected in 2010; <sup>b</sup> no data collected in 2011; <sup>c</sup> no data collected in 2010; <sup>d</sup> no data collected in 2011; <sup>e</sup> no summer baseflow measured in 2010; <sup>f</sup> measured 9/28/2011 and was precipitation affected.
Dalton Creek

Site ID: 103  
HUC: Pecos Headwaters  
Deployed: 9/16/2011  
Drainage Area: 2,867 ha  
Site Elevation: 2307 m  
RGCT Population ID: PEC1-10

Figure 1. Monitoring site on Dalton Creek.

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

Land Ownership
USFS: 99.8%
State: 0.0%
Private: 0.2%
Other: 0.0%

Figure 2. Location of monitoring site on Dalton Creek.

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

<table>
<thead>
<tr>
<th>Year</th>
<th>2-hr Min (°C)</th>
<th>2-hr Max (°C)</th>
<th>Min WAT (°C)</th>
<th>Max WAT (°C)</th>
<th>Baseflow Discharge (cfs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water 2010&lt;sup&gt;a&lt;/sup&gt;</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA&lt;sup&gt;a&lt;/sup&gt;</td>
</tr>
<tr>
<td>Data 2011&lt;sup&gt;b&lt;/sup&gt;</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>0.40&lt;sup&gt;f&lt;/sup&gt;</td>
</tr>
<tr>
<td>Air 2010&lt;sup&gt;c&lt;/sup&gt;</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>-----</td>
</tr>
<tr>
<td>Data 2011&lt;sup&gt;d&lt;/sup&gt;</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>-----</td>
</tr>
</tbody>
</table>

<sup>a</sup>no data collected in 2010; <sup>b</sup>no data collected in 2011; <sup>c</sup>no data collected in 2010; <sup>d</sup>no data collected in 2011; <sup>e</sup>no summerbaseflow measured in 2010; <sup>f</sup>measured 9/16/2011 and was not precipitation affected
Panchuela Creek

Site ID: 104  
HUC: Pecos Headwaters  
Deployed: 6/04/2010  
Drainage Area: 5,630 ha  
Site Elevation: 2567 m  
RGCT Population ID: NA

![Monitoring site on Panchuela Creek.](image1)

**Figure 1.** Monitoring site on Panchuela Creek.

**Population Information**

Genetic Status: NA  
Non-Natives: NA  
Barrier: NA

**Land Ownership**

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

![Location of monitoring site on Panchuela Creek.](image2)

**Figure 2.** Location of monitoring site on Panchuela Creek.

![Water Temperature Chart](image3)

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

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

<table>
<thead>
<tr>
<th>Year</th>
<th>2-hr Min (°C)</th>
<th>2-hr Max (°C)</th>
<th>Min WAT (°C)</th>
<th>Max WAT (°C)</th>
<th>Baseflow Discharge (cfs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>2010&lt;sup&gt;a&lt;/sup&gt;</td>
<td>-0.03</td>
<td>15.65</td>
<td>0.00</td>
<td>12.01</td>
</tr>
<tr>
<td>Data</td>
<td>2011&lt;sup&gt;b&lt;/sup&gt;</td>
<td>-0.03</td>
<td>16.26</td>
<td>0.02</td>
<td>12.35</td>
</tr>
<tr>
<td>Air</td>
<td>2010&lt;sup&gt;c&lt;/sup&gt;</td>
<td>-17.68</td>
<td>28.46</td>
<td>-5.36</td>
<td>15.32</td>
</tr>
<tr>
<td>Data</td>
<td>2011&lt;sup&gt;d&lt;/sup&gt;</td>
<td>-32.64</td>
<td>30.55</td>
<td>-11.96</td>
<td>14.80</td>
</tr>
</tbody>
</table>

<sup>a</sup>211 days of data (6/04/2010—12/31/2010);<sup>b</sup>259 days of data (1/01/2011—9/16/2011);<sup>c</sup>211 days of data (6/04/2010—12/31/2010);<sup>d</sup>259 days of data (1/01/2011—9/16/2011);<sup>e</sup>no summer baseflow measured in 2010;<sup>f</sup>no summer baseflow measured in 2011
Cave Creek

Site ID: 105
HUC: Pecos Headwaters
Deployed: 9/27/2010
Drainage Area: 1,820 ha
Site Elevation: 2642 m
RGCT Population ID: NA

Figure 1. Monitoring site on Cave Creek.

Population Information
Genetic Status: NA
Non-Natives: NA
Barrier: NA

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 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.

<table>
<thead>
<tr>
<th>Year</th>
<th>2-hr Min (°C)</th>
<th>2-hr Max (°C)</th>
<th>Min WAT (°C)</th>
<th>Max WAT (°C)</th>
<th>Baseflow Discharge (cfs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>2010&lt;sup&gt;a&lt;/sup&gt;</td>
<td>-0.03</td>
<td>8.84</td>
<td>0.06</td>
<td>8.08</td>
</tr>
<tr>
<td>Data</td>
<td>2011&lt;sup&gt;b&lt;/sup&gt;</td>
<td>-0.03</td>
<td>14.33</td>
<td>0.01</td>
<td>11.92</td>
</tr>
<tr>
<td></td>
<td>2010&lt;sup&gt;c&lt;/sup&gt;</td>
<td>NA</td>
<td>23.57</td>
<td>NA</td>
<td>10.00</td>
</tr>
<tr>
<td>Air</td>
<td>2011&lt;sup&gt;d&lt;/sup&gt;</td>
<td>-30.06</td>
<td>28.22</td>
<td>-12.64</td>
<td>15.74</td>
</tr>
</tbody>
</table>

<sup>a</sup>96 days of data (9/27/2010—12/31/2010);<sup>b</sup>259 days of data (1/01/2011—9/16/2011);<sup>c</sup>96 days of data (9/27/2010—12/31/2010);<sup>d</sup>259 days of data (1/01/2011—9/16/2011);<sup>e</sup>no summer baseflow measured in 2010;<sup>f</sup>measured on 9/17/2011 and was precipitation affected
Jack’s Creek

Site ID: 106  
HUC: Pecos Headwaters  
Deployed: 6/04/2010  
Drainage Area: 1,851 ha  
Site Elevation: 2534 m  
RGCT Population ID: PEC1-07

Figure 1. Lower monitoring site on Jack’s 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 lower monitoring site on Jack’s Creek.

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

<table>
<thead>
<tr>
<th>Year</th>
<th>2-hr Min (°C)</th>
<th>2-hr Max (°C)</th>
<th>Min WAT (°C)</th>
<th>Max WAT (°C)</th>
<th>Baseflow Discharge (cfs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water 2010&lt;sup&gt;a&lt;/sup&gt;</td>
<td>0.00</td>
<td>16.37</td>
<td>0.04</td>
<td>12.70</td>
<td>1.07&lt;sup&gt;c&lt;/sup&gt;</td>
</tr>
<tr>
<td>Data 2011&lt;sup&gt;b&lt;/sup&gt;</td>
<td>0.00</td>
<td>17.03</td>
<td>0.02</td>
<td>13.57</td>
<td>0.56&lt;sup&gt;d&lt;/sup&gt;</td>
</tr>
<tr>
<td>Air 2010&lt;sup&gt;c&lt;/sup&gt;</td>
<td>-18.91</td>
<td>26.97</td>
<td>-5.21</td>
<td>16.59</td>
<td>-----</td>
</tr>
<tr>
<td>Data 2011&lt;sup&gt;d&lt;/sup&gt;</td>
<td>-32.33</td>
<td>28.41</td>
<td>-12.21</td>
<td>16.42</td>
<td>-----</td>
</tr>
</tbody>
</table>

*211 days of data (6/04/2010—12/31/2010);<sup>a</sup>259 days of data (1/01/2011—9/16/2011);<sup>b</sup>211 days of data (6/04/2010—12/31/2010);<sup>c</sup>259 days of data (1/01/2011—9/16/2011);<sup>d</sup>measured on 9/26/2010 and was precipitation affected;<sup>e</sup>measured on 9/17/2011 and was precipitation affected
Jack’s Creek

Site ID: 107
HUC: Pecos Headwaters
Deployed: 6/03/2010
Drainage Area: 654 ha
Site Elevation: 3147 m
RGCT Population ID: PEC1-07

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

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

<table>
<thead>
<tr>
<th>Year</th>
<th>2-hr Min (°C)</th>
<th>2-hr Max (°C)</th>
<th>Min WAT (°C)</th>
<th>Max WAT (°C)</th>
<th>Baseflow Discharge (cfs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water Data 2010&lt;sup&gt;a&lt;/sup&gt;</td>
<td>Exposed</td>
<td>Exposed</td>
<td>Exposed</td>
<td>Exposed</td>
<td>0.02&lt;sup&gt;c&lt;/sup&gt;</td>
</tr>
<tr>
<td>Data 2011&lt;sup&gt;b&lt;/sup&gt;</td>
<td>Exposed</td>
<td>Exposed</td>
<td>Exposed</td>
<td>Exposed</td>
<td>0.07&lt;sup&gt;d&lt;/sup&gt;</td>
</tr>
<tr>
<td>2010&lt;sup&gt;c&lt;/sup&gt;</td>
<td>-21.35</td>
<td>22.08</td>
<td>-7.69</td>
<td>14.34</td>
<td>-----</td>
</tr>
<tr>
<td>Air Data 2011&lt;sup&gt;d&lt;/sup&gt;</td>
<td>-30.55</td>
<td>23.54</td>
<td>-13.79</td>
<td>14.43</td>
<td>-----</td>
</tr>
</tbody>
</table>

<sup>a</sup>data logger exposed in 2010 and no data is presented;<sup>b</sup>data logger exposed in 2011 and no data is presented;<sup>c</sup>211 days of data (6/04/2010—12/31/2010);<sup>d</sup>259 days of data (1/01/2011—9/16/2011);<sup>e</sup>measured on 9/25/2010 and was precipitation affected;<sup>f</sup>measured on 9/17/2011 and was precipitation affected
Pine Lodge Creek

Site ID: 108
HUC: Arroyo Del Macho
Deployed: 10/18/2011
Drainage Area: 656 ha
Site Elevation: 1923 m
RGCT Population ID: PEC2-01

Figure 1. Monitoring site on Pine Lodge Creek.

Population Information
Genetic Status: Unaltered
Non-Natives: None present
Barrier: No 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.

<table>
<thead>
<tr>
<th>Year</th>
<th>2-hr Min (°C)</th>
<th>2-hr Max (°C)</th>
<th>Min WAT (°C)</th>
<th>Max WAT (°C)</th>
<th>Baseflow Discharge (cfs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>2010&lt;sup&gt;a&lt;/sup&gt;</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA&lt;sup&gt;c&lt;/sup&gt;</td>
</tr>
<tr>
<td>Data</td>
<td>2011&lt;sup&gt;b&lt;/sup&gt;</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>0.06&lt;sup&gt;f&lt;/sup&gt;</td>
</tr>
<tr>
<td>Air</td>
<td>2010&lt;sup&gt;c&lt;/sup&gt;</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>-----</td>
</tr>
<tr>
<td>Data</td>
<td>2011&lt;sup&gt;d&lt;/sup&gt;</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>-----</td>
</tr>
</tbody>
</table>

<sup>a</sup> no data collected in 2010; <sup>b</sup> no data collected in 2011; <sup>c</sup> no data collected in 2010; <sup>d</sup> no data collected in 2011; <sup>e</sup> no summer baseflow measured in 2010; <sup>f</sup> measured 10/18/2011 and was precipitation affected.