

**Cache La Poudre Watersheds**

| 12 code HUC  | 6th Level Watershed Name                           | Acres   | 5 <sup>th</sup> Level HUC Name                | 10 code HUC |
|--------------|----------------------------------------------------|---------|-----------------------------------------------|-------------|
| 101900070101 | Beaver Creek                                       | 14,135  | South Fork Cache La Poudre River              | 1019000701  |
| 101900070102 | Headwaters South Fork Cache La Poudre River        | 11,094  | South Fork Cache La Poudre River              | 1019000701  |
| 101900070103 | Pennock Creek                                      | 11,068  | South Fork Cache La Poudre River              | 1019000701  |
| 101900070104 | Little Beaver Creek                                | 11,562  | South Fork Cache La Poudre River              | 1019000701  |
| 101900070105 | Pendergrass Creek-South Fork Cache La Poudre River | 18,639  | South Fork Cache La Poudre River              | 1019000701  |
| 101900070201 | Hague Creek                                        | 8,685   | Headwaters Cache La Poudre River              | 1019000702  |
| 101900070202 | Headwaters Cache La Poudre River                   | 12,709  | Headwaters Cache La Poudre River              | 1019000702  |
| 101900070203 | La Poudre Pass Creek                               | 14,066  | Headwaters Cache La Poudre River              | 1019000702  |
| 101900070204 | Joe Wright Creek                                   | 24,468  | Headwaters Cache La Poudre River              | 1019000702  |
| 101900070205 | Willow Creek-Cache La Poudre River                 | 21,936  | Headwaters Cache La Poudre River              | 1019000702  |
| 101900070206 | Sheep Creek                                        | 13,966  | Headwaters Cache La Poudre River              | 1019000702  |
| 101900070207 | Roaring Creek                                      | 9,938   | Headwaters Cache La Poudre River              | 1019000702  |
| 101900070208 | Black Hollow-Cache La Poudre River                 | 37,738  | Headwaters Cache La Poudre River              | 1019000702  |
| 101900070209 | Bennett Creek                                      | 9,210   | Headwaters Cache La Poudre River              | 1019000702  |
| 101900070210 | Sevenmile Creek-Cache La Poudre River              | 18,640  | Headwaters Cache La Poudre River              | 1019000702  |
| 101900070301 | Elkhorn Creek                                      | 22,259  | Gordon Creek-Cache La Poudre River            | 1019000703  |
| 101900070302 | Youngs Gulch                                       | 9,823   | Gordon Creek-Cache La Poudre River            | 1019000703  |
| 101900070303 | Skin Gulch-Cache La Poudre River                   | 14,920  | Gordon Creek-Cache La Poudre River            | 1019000703  |
| 101900070304 | Gordon Creek                                       | 13,908  | Gordon Creek-Cache La Poudre River            | 1019000703  |
| 101900070305 | Hill Gulch-Cache La Poudre River                   | 11,161  | Gordon Creek-Cache La Poudre River            | 1019000703  |
| 101900070401 | North Fork Cache La Poudre River-Panhandle Creek   | 29,786  | Upper North Fork Cache La Poudre River        | 1019000704  |
| 101900070402 | Sheep Creek-North Fork Cache La Poudre Creek       | 35,586  | Upper North Fork Cache La Poudre River        | 1019000704  |
| 101900070403 | North Fork Cache La Poudre River-Bull Creek        | 34,294  | Upper North Fork Cache La Poudre River        | 1019000704  |
| 101900070404 | Trail Creek-North Fork Cache La Poudre River       | 23,034  | Upper North Fork Cache La Poudre River        | 1019000704  |
| 101900070503 | Fish Creek-Dale Creek                              | 23,097  | Dale Creek                                    | 1019000705  |
| 101900070601 | South Fork Lone Pine Creek                         | 16,305  | Lone Pine Creek                               | 1019000706  |
| 101900070602 | North Fork Lone Pine Creek                         | 25,269  | Lone Pine Creek                               | 1019000706  |
| 101900070603 | Lone Pine Creek                                    | 14,153  | Lone Pine Creek                               | 1019000706  |
| 101900070701 | Halligan Reservoir                                 | 15,127  | Rabbit Creek-North Fork Cache La Poudre River | 1019000707  |
| 101900070702 | Rabbit Creek                                       | 28,860  | Rabbit Creek-North Fork Cache La Poudre River | 1019000707  |
| 101900070704 | Miton Seaman Res.-North Fork Cache La Poudre River | 30,516  | Rabbit Creek-North Fork Cache La Poudre River | 1019000707  |
| 101900070802 | Horsetooth Reservoir                               | 10,974  | Horsetooth Reservoir-Cache La Poudre River    | 1019000708  |
| 101900070805 | City of Fort Collins-Cache La Poudre River         | 51,119  | Horsetooth Reservoir-Cache La Poudre River    | 1019000708  |
|              | Total                                              | 648,045 |                                               |             |

### Legend

|                                                                    |  |
|--------------------------------------------------------------------|--|
| Category 1 (Lowest ranking)                                        |  |
| Category 2                                                         |  |
| Category 3                                                         |  |
| Category 4                                                         |  |
| Category 5 (Highest ranking)                                       |  |
|                                                                    |  |
| Result has been adjusted to avoid<br>skewing of the categorization |  |
| Result has been adjusted to obtain a<br>more accurate result       |  |

## Wildfire Hazard Calculations

| Sixth-level Watershed Name                         | Category 1<br>(acres) | Category 2<br>(acres) | Category 3<br>(acres) | Category 4<br>(acres) | Wildfire<br>Value | Watershed<br>Area (acres) | Wildfire<br>Hazard Rank |
|----------------------------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-------------------|---------------------------|-------------------------|
| Beaver Creek                                       | 8,047.2               | 97.6                  | 5,473.7               | 528.8                 | 46.21%            | 14,135                    | 4.1                     |
| Headwaters South Fork Cache La Poudre River        | 8,568.7               | 84.3                  | 2,081.6               | 368.3                 | 25.40%            | 11,094                    | 2.4                     |
| Pennock Creek                                      | 5,014.4               | 100.3                 | 5,373.4               | 588.0                 | 59.17%            | 11,068                    | 5.2                     |
| Little Beaver Creek                                | 4,539.4               | 270.0                 | 6,511.4               | 251.3                 | 60.66%            | 11,562                    | 5.3                     |
| Pendergrass Creek-South Fork Cache La Poudre River | 8,110.3               | 499.7                 | 9,064.6               | 983.6                 | 59.19%            | 18,639                    | 5.2                     |
| Hague Creek                                        | 6,279.6               | 105.9                 | 1,793.4               | 510.2                 | 32.40%            | 8,685                     | 3.0                     |
| Headwaters Cache La Poudre River                   | 5,890.7               | 379.4                 | 4,944.8               | 1,504.0               | 62.58%            | 12,709                    | 5.4                     |
| La Poudre Pass Creek                               | 6,877.2               | 588.4                 | 5,759.5               | 851.5                 | 53.05%            | 14,066                    | 4.7                     |
| Joe Wright Creek                                   | 12,098.5              | 903.8                 | 10,521.0              | 961.4                 | 50.86%            | 24,468                    | 4.5                     |
| Willow Creek-Cache La Poudre River                 | 7,607.5               | 1,915.9               | 10,964.5              | 1,458.0               | 63.28%            | 21,936                    | 5.5                     |
| Sheep Creek                                        | 5,953.4               | 290.9                 | 7,560.6               | 172.6                 | 56.61%            | 13,966                    | 5.0                     |
| Roaring Creek                                      | 5,070.5               | 60.7                  | 4,585.7               | 228.8                 | 50.75%            | 9,938                     | 4.5                     |
| Black Hollow-Cache La Poudre River                 | 18,857.1              | 2,065.1               | 14,612.8              | 2,226.3               | 50.52%            | 37,738                    | 4.5                     |
| Bennett Creek                                      | 4,656.4               | 546.4                 | 3,813.5               | 201.0                 | 45.77%            | 9,210                     | 4.1                     |
| Sevenmile Creek-Cache La Poudre River              | 11,515.4              | 1,391.9               | 5,166.6               | 574.0                 | 33.88%            | 18,640                    | 3.1                     |
| Elkhorn Creek                                      | 15,259.3              | 1,182.7               | 5,676.7               | 157.9                 | 26.92%            | 22,259                    | 2.5                     |
| Youngs Gulch                                       | 6,072.8               | 506.4                 | 2,733.0               | 518.6                 | 38.38%            | 9,823                     | 3.5                     |
| Skin Gulch-Cache La Poudre River                   | 9,271.7               | 771.5                 | 3,803.1               | 1,086.2               | 40.05%            | 14,920                    | 3.6                     |
| Gordon Creek                                       | 11,932.6              | 608.2                 | 1,127.3               | 247.3                 | 11.66%            | 13,908                    | 1.3                     |
| Hill Gulch-Cache La Poudre River                   | 8,568.7               | 555.5                 | 1,277.6               | 773.0                 | 25.30%            | 11,161                    | 2.4                     |
| North Fork Cache La Poudre River-Panhandle Creek   | 15,987.4              | 332.7                 | 13,373.0              | 111.9                 | 45.65%            | 29,786                    | 4.1                     |
| Sheep Creek-North Fork Cache La Poudre Creek       | 17,517.9              | 1,139.3               | 16,396.6              | 557.5                 | 49.21%            | 35,586                    | 4.3                     |
| North Fork Cache La Poudre River-Bull Creek        | 25,972.5              | 2,538.8               | 5,405.0               | 398.3                 | 18.08%            | 34,294                    | 1.8                     |
| Trail Creek-North Fork Cache La Poudre River       | 12,996.5              | 1,875.4               | 7,503.7               | 679.0                 | 38.47%            | 23,034                    | 3.5                     |
| Fish Creek-Dale Creek                              | 19,234.1              | 1,349.7               | 2,424.7               | 105.6                 | 11.41%            | 23,097                    | 1.3                     |
| South Fork Lone Pine Creek                         | 10,343.8              | 580.0                 | 5,307.6               | 85.4                  | 33.60%            | 16,305                    | 3.1                     |
| North Fork Lone Pine Creek                         | 17,924.6              | 1,465.8               | 5,591.1               | 306.7                 | 24.55%            | 25,269                    | 2.3                     |
| Lone Pine Creek                                    | 12,809.7              | 371.6                 | 846.2                 | 140.3                 | 7.96%             | 14,153                    | 1.0                     |
| Halligan Reservoir                                 | 14,475.6              | 356.9                 | 298.9                 | 11.3                  | 2.13%             | 15,127                    | 0.5                     |
| Rabbit Creek                                       | 24,692.4              | 1,383.9               | 2,478.3               | 328.5                 | 10.86%            | 28,860                    | 1.2                     |
| Miton Seaman Res.-North Fork Cache La Poudre River | 29,488.0              | 487.5                 | 398.3                 | 166.3                 | 2.40%             | 30,516                    | 0.5                     |
| Horsetooth Reservoir                               | 9,840.5               | 569.5                 | 392.7                 | 184.4                 | 6.94%             | 10,974                    | 0.9                     |
| City of Fort Collins-Cache La Poudre River         | 46,267.6              | 950.5                 | 2,714.5               | 1,224.5               | 10.10%            | 51,119                    | 1.2                     |
| Totals                                             | 427,741.8             | 26,326.3              | 175,975.2             | 18,490.6              | 32.86%            | 648,045                   |                         |

### Wildfire Hazard Categories

|          |         |        |
|----------|---------|--------|
| Min      | 0.02126 |        |
| Max      | 0.63277 |        |
| Range    | 0.61151 |        |
| Step     | 0.12230 |        |
| Category | From    | To     |
| 1        | 0.0213  | 0.1436 |
| 2        | 0.1436  | 0.2659 |
| 3        | 0.2659  | 0.3882 |
| 4        | 0.3882  | 0.5105 |
| 5        | 0.5105  | 0.6328 |

## Wildfire Hazard

| Sixth-level Watershed Name                         | Watershed Area (acres) | Wildfire Hazard Calculation | Wildfire Hazard Rank |
|----------------------------------------------------|------------------------|-----------------------------|----------------------|
| Willow Creek-Cache La Poudre River                 | 21,936                 | 63.3%                       | 5.5                  |
| Headwaters Cache La Poudre River                   | 12,709                 | 62.6%                       | 5.4                  |
| Little Beaver Creek                                | 11,562                 | 60.7%                       | 5.3                  |
| Pendergrass Creek-South Fork Cache La Poudre River | 18,639                 | 59.2%                       | 5.2                  |
| Pennock Creek                                      | 11,068                 | 59.2%                       | 5.2                  |
| Sheep Creek                                        | 13,966                 | 56.6%                       | 5.0                  |
| La Poudre Pass Creek                               | 14,066                 | 53.1%                       | 4.7                  |
| Joe Wright Creek                                   | 24,468                 | 50.9%                       | 4.5                  |
| Roaring Creek                                      | 9,938                  | 50.7%                       | 4.5                  |
| Black Hollow-Cache La Poudre River                 | 37,738                 | 50.5%                       | 4.5                  |
| Sheep Creek-North Fork Cache La Poudre Creek       | 35,586                 | 49.2%                       | 4.3                  |
| Beaver Creek                                       | 14,135                 | 46.2%                       | 4.1                  |
| Bennett Creek                                      | 9,210                  | 45.8%                       | 4.1                  |
| North Fork Cache La Poudre River-Panhandle Creek   | 29,786                 | 45.6%                       | 4.1                  |
| Skin Gulch-Cache La Poudre River                   | 14,920                 | 40.0%                       | 3.6                  |
| Trail Creek-North Fork Cache La Poudre River       | 23,034                 | 38.5%                       | 3.5                  |
| Youngs Gulch                                       | 9,823                  | 38.4%                       | 3.5                  |
| Sevenmile Creek-Cache La Poudre River              | 18,640                 | 33.9%                       | 3.1                  |
| South Fork Lone Pine Creek                         | 16,305                 | 33.6%                       | 3.1                  |
| Hague Creek                                        | 8,685                  | 32.4%                       | 3.0                  |
| Elkhorn Creek                                      | 22,259                 | 26.9%                       | 2.5                  |
| Headwaters South Fork Cache La Poudre River        | 11,094                 | 25.4%                       | 2.4                  |
| Hill Gulch-Cache La Poudre River                   | 11,161                 | 25.3%                       | 2.4                  |
| North Fork Lone Pine Creek                         | 25,269                 | 24.6%                       | 2.3                  |
| North Fork Cache La Poudre River-Bull Creek        | 34,294                 | 18.1%                       | 1.8                  |
| Gordon Creek                                       | 13,908                 | 11.7%                       | 1.3                  |
| Fish Creek-Dale Creek                              | 23,097                 | 11.4%                       | 1.3                  |
| Rabbit Creek                                       | 28,860                 | 10.9%                       | 1.2                  |
| City of Fort Collins-Cache La Poudre River         | 51,119                 | 10.1%                       | 1.2                  |
| Lone Pine Creek                                    | 14,153                 | 8.0%                        | 1.0                  |
| Horsetooth Reservoir                               | 10,974                 | 6.9%                        | 0.9                  |
| Miton Seaman Res.-North Fork Cache La Poudre River | 30,516                 | 2.4%                        | 0.5                  |
| Halligan Reservoir                                 | 15,127                 | 2.1%                        | 0.5                  |

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## Ruggedness Calculations

| Sixth-level Watershed Name                         | Watershed Area (sq. ft.) | Maximum Elevation | Minimum Elevation | Difference Elevation | Area -0.5 | Ruggedness | Ruggedness Rank | Adjustments |
|----------------------------------------------------|--------------------------|-------------------|-------------------|----------------------|-----------|------------|-----------------|-------------|
| Beaver Creek                                       | 615,720,600              | 12,471            | 8,394             | 4,077                | 0.000040  | 0.1643     | 4.2             | 1           |
| Headwaters South Fork Cache La Poudre River        | 483,254,640              | 13,212            | 8,308             | 4,904                | 0.000045  | 0.2000     | 5.5             | 1           |
| Pennock Creek                                      | 482,122,080              | 11,801            | 8,144             | 3,657                | 0.000046  | 0.1666     | 4.3             | 1           |
| Little Beaver Creek                                | 503,640,720              | 11,490            | 7,934             | 3,556                | 0.000045  | 0.1584     | 4.0             | 1           |
| Pendergrass Creek-South Fork Cache La Poudre River | 649,531,872              | 11,208            | 6,537             | 4,671                | 0.00004   | 0.1833     | 4.9             | 1.25        |
| Hague Creek                                        | 378,318,600              | 13,304            | 9,742             | 3,562                | 0.000051  | 0.1831     | 4.9             | 1           |
| Headwaters Cache La Poudre River                   | 553,604,040              | 13,268            | 9,735             | 3,533                | 0.000043  | 0.1501     | 3.7             | 1           |
| La Poudre Pass Creek                               | 612,714,960              | 12,290            | 9,676             | 2,614                | 0.000040  | 0.1056     | 2.2             | 1           |
| Joe Wright Creek                                   | 1,065,826,080            | 12,851            | 8,377             | 4,474                | 0.000031  | 0.1370     | 3.3             | 1           |
| Willow Creek-Cache La Poudre River                 | 955,532,160              | 12,687            | 8,374             | 4,313                | 0.000032  | 0.1395     | 3.4             | 1           |
| Sheep Creek                                        | 608,358,960              | 11,454            | 7,787             | 3,667                | 0.000041  | 0.1487     | 3.7             | 1           |
| Roaring Creek                                      | 432,899,280              | 10,998            | 7,856             | 3,142                | 0.000048  | 0.1510     | 3.8             | 1           |
| Black Hollow-Cache La Poudre River                 | 1,643,867,280            | 11,221            | 7,134             | 4,087                | 0.000025  | 0.1008     | 2.0             | 1           |
| Bennett Creek                                      | 401,187,600              | 10,296            | 6,701             | 3,595                | 0.000050  | 0.1795     | 4.8             | 1           |
| Sevenmile Creek-Cache La Poudre River              | 541,305,600              | 10,883            | 6,524             | 4,359                | 0.000043  | 0.1874     | 5.1             | 1.5         |
| Elkhorn Creek                                      | 969,602,040              | 10,840            | 6,540             | 4,300                | 0.000032  | 0.1381     | 3.3             | 1           |
| Youngs Gulch                                       | 427,889,880              | 8,856             | 5,789             | 3,067                | 0.000048  | 0.1483     | 3.7             | 1           |
| Skin Gulch-Cache La Poudre River                   | 433,276,800              | 9,558             | 5,819             | 3,739                | 0.000048  | 0.1796     | 4.8             | 1.5         |
| Gordon Creek                                       | 302,916,240              | 8,115             | 5,707             | 2,408                | 0.000057  | 0.1383     | 3.3             | 2           |
| Hill Gulch-Cache La Poudre River                   | 243,086,580              | 7,800             | 5,369             | 2,430                | 0.000064  | 0.1559     | 3.9             | 2           |
| North Fork Cache La Poudre River-Panhandle Creek   | 1,297,478,160            | 10,840            | 7,537             | 3,303                | 0.000028  | 0.0917     | 1.7             | 1           |
| Sheep Creek-North Fork Cache La Poudre Creek       | 1,550,126,160            | 9,870             | 7,567             | 2,303                | 0.000025  | 0.0585     | 0.5             | 1           |
| North Fork Cache La Poudre River-Bull Creek        | 1,493,846,640            | 8,695             | 6,406             | 2,289                | 0.00003   | 0.0592     | 0.5             | 1           |
| Trail Creek-North Fork Cache La Poudre River       | 1,003,361,040            | 9,161             | 7,006             | 2,155                | 0.000032  | 0.0680     | 0.8             | 1           |
| Fish Creek-Dale Creek                              | 1,006,105,320            | 8,767             | 6,832             | 1,935                | 0.000032  | 0.0610     | 0.6             | 1           |
| South Fork Lone Pine Creek                         | 710,245,800              | 10,985            | 6,786             | 4,198                | 0.000038  | 0.1575     | 4.0             | 1           |
| North Fork Lone Pine Creek                         | 1,100,717,640            | 10,653            | 6,816             | 3,838                | 0.000030  | 0.1157     | 2.5             | 1           |
| Lone Pine Creek                                    | 616,504,680              | 8,006             | 5,792             | 2,214                | 0.000040  | 0.0892     | 1.6             | 1           |
| Halligan Reservoir                                 | 658,932,120              | 7,852             | 6,350             | 1,502                | 0.000039  | 0.0585     | 0.5             | 1           |
| Rabbit Creek                                       | 1,257,141,600            | 8,088             | 5,806             | 2,283                | 0.000028  | 0.0644     | 0.7             | 1           |
| Miton Seaman Res.-North Fork Cache La Poudre River | 1,329,276,960            | 7,682             | 5,353             | 2,329                | 0.000027  | 0.0639     | 0.7             | 1           |
| Horsetooth Reservoir                               | 478,027,440              | 7,167             | 5,284             | 1,883                | 0.000046  | 0.0861     | 1.5             | 1           |
| City of Fort Collins-Cache La Poudre River         | 2,226,743,640            | 7,770             | 4,861             | 2,909                | 0.000021  | 0.0617     | 0.6             | 1           |

### Ruggedness Categories

|          |         |        |
|----------|---------|--------|
| Min      | 0.05848 |        |
| Max      | 0.20000 |        |
| Range    | 0.14152 |        |
| Step     | 0.02830 |        |
| Category | From    | To     |
| 1        | 0.0585  | 0.0868 |
| 2        | 0.0868  | 0.1151 |
| 3        | 0.1151  | 0.1434 |
| 4        | 0.1434  | 0.1717 |
| 5        | 0.1717  | 0.2000 |

## Ruggedness

| Sixth-level Watershed Name                         | Maximum Elevation | Minimum Elevation | Difference Elevation | Ruggedness | Ruggedness Rank |
|----------------------------------------------------|-------------------|-------------------|----------------------|------------|-----------------|
| Headwaters South Fork Cache La Poudre River        | 13,212            | 8,308             | 4,904                | 0.2000     | 5.5             |
| Sevenmile Creek-Cache La Poudre River              | 10,883            | 6,524             | 4,359                | 0.1874     | 5.1             |
| Pendergrass Creek-South Fork Cache La Poudre River | 11,208            | 6,537             | 4,671                | 0.1833     | 4.9             |
| Hague Creek                                        | 13,304            | 9,742             | 3,562                | 0.1831     | 4.9             |
| Skin Gulch-Cache La Poudre River                   | 9,558             | 5,819             | 3,739                | 0.1796     | 4.8             |
| Bennett Creek                                      | 10,296            | 6,701             | 3,595                | 0.1795     | 4.8             |
| Pennock Creek                                      | 11,801            | 8,144             | 3,657                | 0.1666     | 4.3             |
| Beaver Creek                                       | 12,471            | 8,394             | 4,077                | 0.1643     | 4.2             |
| Little Beaver Creek                                | 11,490            | 7,934             | 3,556                | 0.1584     | 4.0             |
| South Fork Lone Pine Creek                         | 10,985            | 6,786             | 4,198                | 0.1575     | 4.0             |
| Hill Gulch-Cache La Poudre River                   | 7,800             | 5,369             | 2,430                | 0.1559     | 3.9             |
| Roaring Creek                                      | 10,998            | 7,856             | 3,142                | 0.1510     | 3.8             |
| Headwaters Cache La Poudre River                   | 13,268            | 9,735             | 3,533                | 0.1501     | 3.7             |
| Sheep Creek                                        | 11,454            | 7,787             | 3,667                | 0.1487     | 3.7             |
| Youngs Gulch                                       | 8,856             | 5,789             | 3,067                | 0.1483     | 3.7             |
| Willow Creek-Cache La Poudre River                 | 12,687            | 8,374             | 4,313                | 0.1395     | 3.4             |
| Gordon Creek                                       | 8,115             | 5,707             | 2,408                | 0.1383     | 3.3             |
| Elkhorn Creek                                      | 10,840            | 6,540             | 4,300                | 0.1381     | 3.3             |
| Joe Wright Creek                                   | 12,851            | 8,377             | 4,474                | 0.1370     | 3.3             |
| North Fork Lone Pine Creek                         | 10,653            | 6,816             | 3,838                | 0.1157     | 2.5             |
| La Poudre Pass Creek                               | 12,290            | 9,676             | 2,614                | 0.1056     | 2.2             |
| Black Hollow-Cache La Poudre River                 | 11,221            | 7,134             | 4,087                | 0.1008     | 2.0             |
| North Fork Cache La Poudre River-Panhandle Creek   | 10,840            | 7,537             | 3,303                | 0.0917     | 1.7             |
| Lone Pine Creek                                    | 8,006             | 5,792             | 2,214                | 0.0892     | 1.6             |
| Horsetooth Reservoir                               | 7,167             | 5,284             | 1,883                | 0.0861     | 1.5             |
| Trail Creek-North Fork Cache La Poudre River       | 9,161             | 7,006             | 2,155                | 0.0680     | 0.8             |
| Rabbit Creek                                       | 8,088             | 5,806             | 2,283                | 0.0644     | 0.7             |
| Miton Seaman Res.-North Fork Cache La Poudre River | 7,682             | 5,353             | 2,329                | 0.0639     | 0.7             |
| City of Fort Collins-Cache La Poudre River         | 7,770             | 4,861             | 2,909                | 0.0617     | 0.6             |
| Fish Creek-Dale Creek                              | 8,767             | 6,832             | 1,935                | 0.0610     | 0.6             |
| North Fork Cache La Poudre River-Bull Creek        | 8,695             | 6,406             | 2,289                | 0.0592     | 0.5             |
| Halligan Reservoir                                 | 7,852             | 6,350             | 1,502                | 0.0585     | 0.5             |
| Sheep Creek-North Fork Cache La Poudre Creek       | 9,870             | 7,567             | 2,303                | 0.0585     | 0.5             |

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## Road Density Calculations

| Sixth-level Watershed Name                         | Roads (miles) | Roads Adjusted (miles) | Watershed Area (sq. mi.) | Road density (miles per sq. mi.) | Road Density Rank |
|----------------------------------------------------|---------------|------------------------|--------------------------|----------------------------------|-------------------|
| Beaver Creek                                       | 5.8           | 5.8                    | 22.09                    | 0.26                             | 1.1               |
| Headwaters South Fork Cache La Poudre River        | 11.7          | 11.7                   | 17.33                    | 0.68                             | 2.0               |
| Pennock Creek                                      | 18.8          | 18.8                   | 17.29                    | 1.09                             | 3.0               |
| Little Beaver Creek                                | 10.9          | 10.9                   | 18.07                    | 0.60                             | 1.9               |
| Pendergrass Creek-South Fork Cache La Poudre River | 21.9          | 21.9                   | 29.12                    | 0.75                             | 2.2               |
| Hague Creek                                        | 0.0           | 0.0                    | 13.57                    | 0.00                             | 0.5               |
| Headwaters Cache La Poudre River                   | 5.5           | 5.5                    | 19.86                    | 0.28                             | 1.1               |
| La Poudre Pass Creek                               | 7.9           | 7.9                    | 21.98                    | 0.36                             | 1.3               |
| Joe Wright Creek                                   | 22.8          | 22.8                   | 38.23                    | 0.60                             | 1.9               |
| Willow Creek-Cache La Poudre River                 | 7.3           | 7.3                    | 34.28                    | 0.21                             | 1.0               |
| Sheep Creek                                        | 12.2          | 12.2                   | 21.82                    | 0.56                             | 1.8               |
| Roaring Creek                                      | 15.4          | 15.4                   | 15.53                    | 0.99                             | 2.8               |
| Black Hollow-Cache La Poudre River                 | 53.5          | 53.5                   | 58.97                    | 0.91                             | 2.6               |
| Bennett Creek                                      | 17.7          | 17.7                   | 14.39                    | 1.23                             | 3.3               |
| Sevenmile Creek-Cache La Poudre River              | 36.5          | 36.5                   | 29.13                    | 1.25                             | 3.4               |
| Elkhorn Creek                                      | 53.1          | 53.1                   | 34.78                    | 1.53                             | 4.0               |
| Youngs Gulch                                       | 14.4          | 14.4                   | 15.35                    | 0.94                             | 2.6               |
| Skin Gulch-Cache La Poudre River                   | 32.5          | 32.5                   | 23.31                    | 1.39                             | 3.7               |
| Gordon Creek                                       | 59.4          | 47.5                   | 21.73                    | 2.19                             | 5.5               |
| Hill Gulch-Cache La Poudre River                   | 16.2          | 16.2                   | 17.44                    | 0.93                             | 2.6               |
| North Fork Cache La Poudre River-Panhandle Creek   | 127.3         | 101.8                  | 46.54                    | 2.19                             | 5.5               |
| Sheep Creek-North Fork Cache La Poudre Creek       | 68.0          | 68.0                   | 55.60                    | 1.22                             | 3.3               |
| North Fork Cache La Poudre River-Bull Creek        | 44.8          | 44.8                   | 53.58                    | 0.84                             | 2.4               |
| Trail Creek-North Fork Cache La Poudre River       | 36.0          | 36.0                   | 35.99                    | 1.00                             | 2.8               |
| Fish Creek-Dale Creek                              | 13.1          | 13.1                   | 36.09                    | 0.36                             | 1.3               |
| South Fork Lone Pine Creek                         | 29.2          | 29.2                   | 25.48                    | 1.15                             | 3.1               |
| North Fork Lone Pine Creek                         | 82.9          | 82.9                   | 39.48                    | 2.10                             | 5.3               |
| Lone Pine Creek                                    | 19.4          | 19.4                   | 22.11                    | 0.88                             | 2.5               |
| Halligan Reservoir                                 | 14.5          | 14.5                   | 23.64                    | 0.61                             | 1.9               |
| Rabbit Creek                                       | 24.9          | 24.9                   | 45.09                    | 0.55                             | 1.8               |
| Miton Seaman Res.-North Fork Cache La Poudre River | 38.6          | 38.6                   | 47.68                    | 0.81                             | 2.4               |
| Horsetooth Reservoir                               | 42.4          | 31.8                   | 17.15                    | 1.85                             | 4.7               |
| City of Fort Collins-Cache La Poudre River         | 421.0         | 105.3                  | 79.87                    | 1.32                             | 3.5               |
| Totals                                             | 1,385         | 1,022                  | 1,012.6                  | 1.01                             |                   |

### Road Density Categories

|          |         |        |
|----------|---------|--------|
| Min      | 0.00000 |        |
| Max      | 2.18824 |        |
| Range    | 2.18824 |        |
| Step     | 0.43765 |        |
| Category | From    | To     |
| 1        | 0.0000  | 0.4376 |
| 2        | 0.4376  | 0.8753 |
| 3        | 0.8753  | 1.3129 |
| 4        | 1.3129  | 1.7506 |
| 5        | 1.7506  | 2.1882 |

**Road Density**

| Sixth-level Watershed Name                         | Roads (miles) | Roads Adjusted (miles) | Watershed Area (sq. mi.) | Road density (miles per sq. mi.) | Road Density Rank |
|----------------------------------------------------|---------------|------------------------|--------------------------|----------------------------------|-------------------|
| North Fork Cache La Poudre River-Panhandle Creek   | 127.3         | 101.8                  | 46.54                    | 2.19                             | 5.5               |
| Gordon Creek                                       | 59.4          | 47.5                   | 21.73                    | 2.19                             | 5.5               |
| North Fork Lone Pine Creek                         | 82.9          | 82.9                   | 39.48                    | 2.10                             | 5.3               |
| Horsetooth Reservoir                               | 42.4          | 31.8                   | 17.15                    | 1.85                             | 4.7               |
| Elkhorn Creek                                      | 53.1          | 53.1                   | 34.78                    | 1.53                             | 4.0               |
| Skin Gulch-Cache La Poudre River                   | 32.5          | 32.5                   | 23.31                    | 1.39                             | 3.7               |
| City of Fort Collins-Cache La Poudre River         | 421.0         | 105.3                  | 79.87                    | 1.32                             | 3.5               |
| Sevenmile Creek-Cache La Poudre River              | 36.5          | 36.5                   | 29.13                    | 1.25                             | 3.4               |
| Bennett Creek                                      | 17.7          | 17.7                   | 14.39                    | 1.23                             | 3.3               |
| Sheep Creek-North Fork Cache La Poudre Creek       | 68.0          | 68.0                   | 55.60                    | 1.22                             | 3.3               |
| South Fork Lone Pine Creek                         | 29.2          | 29.2                   | 25.48                    | 1.15                             | 3.1               |
| Pennock Creek                                      | 18.8          | 18.8                   | 17.29                    | 1.09                             | 3.0               |
| Trail Creek-North Fork Cache La Poudre River       | 36.0          | 36.0                   | 35.99                    | 1.00                             | 2.8               |
| Roaring Creek                                      | 15.4          | 15.4                   | 15.53                    | 0.99                             | 2.8               |
| Youngs Gulch                                       | 14.4          | 14.4                   | 15.35                    | 0.94                             | 2.6               |
| Hill Gulch-Cache La Poudre River                   | 16.2          | 16.2                   | 17.44                    | 0.93                             | 2.6               |
| Black Hollow-Cache La Poudre River                 | 53.5          | 53.5                   | 58.97                    | 0.91                             | 2.6               |
| Lone Pine Creek                                    | 19.4          | 19.4                   | 22.11                    | 0.88                             | 2.5               |
| North Fork Cache La Poudre River-Bull Creek        | 44.8          | 44.8                   | 53.58                    | 0.84                             | 2.4               |
| Miton Seaman Res.-North Fork Cache La Poudre River | 38.6          | 38.6                   | 47.68                    | 0.81                             | 2.4               |
| Pendergrass Creek-South Fork Cache La Poudre River | 21.9          | 21.9                   | 29.12                    | 0.75                             | 2.2               |
| Headwaters South Fork Cache La Poudre River        | 11.7          | 11.7                   | 17.33                    | 0.68                             | 2.0               |
| Halligan Reservoir                                 | 14.5          | 14.5                   | 23.64                    | 0.61                             | 1.9               |
| Little Beaver Creek                                | 10.9          | 10.9                   | 18.07                    | 0.60                             | 1.9               |
| Joe Wright Creek                                   | 22.8          | 22.8                   | 38.23                    | 0.60                             | 1.9               |
| Sheep Creek                                        | 12.2          | 12.2                   | 21.82                    | 0.56                             | 1.8               |
| Rabbit Creek                                       | 24.9          | 24.9                   | 45.09                    | 0.55                             | 1.8               |
| Fish Creek-Dale Creek                              | 13.1          | 13.1                   | 36.09                    | 0.36                             | 1.3               |
| La Poudre Pass Creek                               | 7.9           | 7.9                    | 21.98                    | 0.36                             | 1.3               |
| Headwaters Cache La Poudre River                   | 5.5           | 5.5                    | 19.86                    | 0.28                             | 1.1               |
| Beaver Creek                                       | 5.8           | 5.8                    | 22.09                    | 0.26                             | 1.1               |
| Willow Creek-Cache La Poudre River                 | 7.3           | 7.3                    | 34.28                    | 0.21                             | 1.0               |
| Hague Creek                                        | 0.0           | 0.0                    | 13.57                    | 0.00                             | 0.5               |
| Totals                                             | 1,385         | 1,022                  | 1,012.6                  | 1.01                             |                   |

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## Flooding Debris Flow Hazard Calculation

| Sixth-level Watershed Name                         | Watershed Area (acres) | Ruggedness | Ruggedness Rank | Road density (mi per sq. mi.) | Road Density Rank | Combined Numeric Rank | Combined Ranking |
|----------------------------------------------------|------------------------|------------|-----------------|-------------------------------|-------------------|-----------------------|------------------|
| Beaver Creek                                       | 14,135                 | 0.1643     | 4.2             | 0.26                          | 1.1               | 9.57                  | 3.7              |
| Headwaters South Fork Cache La Poudre River        | 11,094                 | 0.2000     | 5.5             | 0.68                          | 2.0               | 13.05                 | 5.3              |
| Pennock Creek                                      | 11,068                 | 0.1666     | 4.3             | 1.09                          | 3.0               | 11.62                 | 4.7              |
| Little Beaver Creek                                | 11,562                 | 0.1584     | 4.0             | 0.60                          | 1.9               | 9.94                  | 3.9              |
| Pendergrass Creek-South Fork Cache La Poudre River | 18,639                 | 0.1833     | 4.9             | 0.75                          | 2.2               | 12.03                 | 4.8              |
| Hague Creek                                        | 8,685                  | 0.1831     | 4.9             | 0.00                          | 0.5               | 10.31                 | 4.1              |
| Headwaters Cache La Poudre River                   | 12,709                 | 0.1501     | 3.7             | 0.28                          | 1.1               | 8.61                  | 3.3              |
| La Poudre Pass Creek                               | 14,066                 | 0.1056     | 2.2             | 0.36                          | 1.3               | 5.65                  | 1.9              |
| Joe Wright Creek                                   | 24,468                 | 0.1370     | 3.3             | 0.60                          | 1.9               | 8.42                  | 3.2              |
| Willow Creek-Cache La Poudre River                 | 21,936                 | 0.1395     | 3.4             | 0.21                          | 1.0               | 7.71                  | 2.9              |
| Sheep Creek                                        | 13,966                 | 0.1487     | 3.7             | 0.56                          | 1.8               | 9.15                  | 3.5              |
| Roaring Creek                                      | 9,938                  | 0.1510     | 3.8             | 0.99                          | 2.8               | 10.30                 | 4.1              |
| Black Hollow-Cache La Poudre River                 | 37,738                 | 0.1008     | 2.0             | 0.91                          | 2.6               | 6.56                  | 2.3              |
| Bennett Creek                                      | 9,210                  | 0.1795     | 4.8             | 1.23                          | 3.3               | 12.86                 | 5.2              |
| Sevenmile Creek-Cache La Poudre River              | 18,640                 | 0.1874     | 5.1             | 1.25                          | 3.4               | 13.47                 | 5.5              |
| Elkhorn Creek                                      | 22,259                 | 0.1381     | 3.3             | 1.53                          | 4.0               | 10.62                 | 4.2              |
| Youngs Gulch                                       | 9,823                  | 0.1483     | 3.7             | 0.94                          | 2.6               | 9.99                  | 3.9              |
| Skin Gulch-Cache La Poudre River                   | 14,920                 | 0.1796     | 4.8             | 1.39                          | 3.7               | 13.25                 | 5.4              |
| Gordon Creek                                       | 13,908                 | 0.1383     | 3.3             | 2.19                          | 5.5               | 12.14                 | 4.9              |
| Hill Gulch-Cache La Poudre River                   | 11,161                 | 0.1559     | 3.9             | 0.93                          | 2.6               | 10.50                 | 4.1              |
| North Fork Cache La Poudre River-Panhandle Creek   | 29,786                 | 0.0917     | 1.7             | 2.19                          | 5.5               | 8.85                  | 3.4              |
| Sheep Creek-North Fork Cache La Poudre Creek       | 35,586                 | 0.0585     | 0.5             | 1.22                          | 3.3               | 4.29                  | 1.3              |
| North Fork Cache La Poudre River-Bull Creek        | 34,294                 | 0.0592     | 0.5             | 0.84                          | 2.4               | 3.46                  | 0.9              |
| Trail Creek-North Fork Cache La Poudre River       | 23,034                 | 0.0680     | 0.8             | 1.00                          | 2.8               | 4.46                  | 1.4              |
| Fish Creek-Dale Creek                              | 23,097                 | 0.0610     | 0.6             | 0.36                          | 1.3               | 2.51                  | 0.5              |
| South Fork Lone Pine Creek                         | 16,305                 | 0.1575     | 4.0             | 1.15                          | 3.1               | 11.12                 | 4.4              |
| North Fork Lone Pine Creek                         | 25,269                 | 0.1157     | 2.5             | 2.10                          | 5.3               | 10.34                 | 4.1              |
| Lone Pine Creek                                    | 14,153                 | 0.0892     | 1.6             | 0.88                          | 2.5               | 5.67                  | 1.9              |
| Halligan Reservoir                                 | 15,127                 | 0.0585     | 0.5             | 0.61                          | 1.9               | 2.91                  | 0.7              |
| Rabbit Creek                                       | 28,860                 | 0.0644     | 0.7             | 0.55                          | 1.8               | 3.18                  | 0.8              |
| Miton Seaman Res.-North Fork Cache La Poudre River | 30,516                 | 0.0639     | 0.7             | 0.81                          | 2.4               | 3.73                  | 1.1              |
| Horsetooth Reservoir                               | 10,974                 | 0.0861     | 1.5             | 1.85                          | 4.7               | 7.69                  | 2.9              |
| City of Fort Collins-Cache La Poudre River         | 51,119                 | 0.0617     | 0.6             | 1.32                          | 3.5               | 4.74                  | 1.5              |

### Flooding Categories

|          |          |         |
|----------|----------|---------|
| Min      | 2.50771  |         |
| Max      | 13.47174 |         |
| Range    | 10.96404 |         |
| Step     | 2.19281  |         |
| Category | From     | To      |
| 1        | 2.5077   | 4.7005  |
| 2        | 4.7005   | 6.8933  |
| 3        | 6.8933   | 9.0861  |
| 4        | 9.0861   | 11.2789 |
| 5        | 11.2789  | 13.4717 |

## Flooding Debris Flow Hazard

| Sixth-level Watershed Name                         | Ruggedness Ranking | Road Density Ranking | Combined Numeric Rank | Combined Ranking |
|----------------------------------------------------|--------------------|----------------------|-----------------------|------------------|
| Sevenmile Creek-Cache La Poudre River              | 5.1                | 3.4                  | 13.47                 | 5.5              |
| Skin Gulch-Cache La Poudre River                   | 4.8                | 3.7                  | 13.25                 | 5.4              |
| Headwaters South Fork Cache La Poudre River        | 5.5                | 2.0                  | 13.05                 | 5.3              |
| Bennett Creek                                      | 4.8                | 3.3                  | 12.86                 | 5.2              |
| Gordon Creek                                       | 3.3                | 5.5                  | 12.14                 | 4.9              |
| Pendergrass Creek-South Fork Cache La Poudre River | 4.9                | 2.2                  | 12.03                 | 4.8              |
| Pennock Creek                                      | 4.3                | 3.0                  | 11.62                 | 4.7              |
| South Fork Lone Pine Creek                         | 4.0                | 3.1                  | 11.12                 | 4.4              |
| Elkhorn Creek                                      | 3.3                | 4.0                  | 10.62                 | 4.2              |
| Hill Gulch-Cache La Poudre River                   | 3.9                | 2.6                  | 10.50                 | 4.1              |
| North Fork Lone Pine Creek                         | 2.5                | 5.3                  | 10.34                 | 4.1              |
| Hague Creek                                        | 4.9                | 0.5                  | 10.31                 | 4.1              |
| Roaring Creek                                      | 3.8                | 2.8                  | 10.30                 | 4.1              |
| Youngs Gulch                                       | 3.7                | 2.6                  | 9.99                  | 3.9              |
| Little Beaver Creek                                | 4.0                | 1.9                  | 9.94                  | 3.9              |
| Beaver Creek                                       | 4.2                | 1.1                  | 9.57                  | 3.7              |
| Sheep Creek                                        | 3.7                | 1.8                  | 9.15                  | 3.5              |
| North Fork Cache La Poudre River-Panhandle Creek   | 1.7                | 5.5                  | 8.85                  | 3.4              |
| Headwaters Cache La Poudre River                   | 3.7                | 1.1                  | 8.61                  | 3.3              |
| Joe Wright Creek                                   | 3.3                | 1.9                  | 8.42                  | 3.2              |
| Willow Creek-Cache La Poudre River                 | 3.4                | 1.0                  | 7.71                  | 2.9              |
| Horsetooth Reservoir                               | 1.5                | 4.7                  | 7.69                  | 2.9              |
| Black Hollow-Cache La Poudre River                 | 2.0                | 2.6                  | 6.56                  | 2.3              |
| Lone Pine Creek                                    | 1.6                | 2.5                  | 5.67                  | 1.9              |
| La Poudre Pass Creek                               | 2.2                | 1.3                  | 5.65                  | 1.9              |
| City of Fort Collins-Cache La Poudre River         | 0.6                | 3.5                  | 4.74                  | 1.5              |
| Trail Creek-North Fork Cache La Poudre River       | 0.8                | 2.8                  | 4.46                  | 1.4              |
| Sheep Creek-North Fork Cache La Poudre Creek       | 0.5                | 3.3                  | 4.29                  | 1.3              |
| Miton Seaman Res.-North Fork Cache La Poudre River | 0.7                | 2.4                  | 3.73                  | 1.1              |
| North Fork Cache La Poudre River-Bull Creek        | 0.5                | 2.4                  | 3.46                  | 0.9              |
| Rabbit Creek                                       | 0.7                | 1.8                  | 3.18                  | 0.8              |
| Halligan Reservoir                                 | 0.5                | 1.9                  | 2.91                  | 0.7              |
| Fish Creek-Dale Creek                              | 0.6                | 1.3                  | 2.51                  | 0.5              |

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## Soil Erodibility Calculation

| Sixth-level Watershed Name                         | Severe<br>(acres) | Severe<br>(%) | Very Severe<br>(acres) | Very Severe<br>(%) | Soil<br>Erodibility<br>Value | Watershed<br>Area | Soil Erodibility<br>Rank |
|----------------------------------------------------|-------------------|---------------|------------------------|--------------------|------------------------------|-------------------|--------------------------|
| Beaver Creek                                       | 1,477.6           | 10.5%         | 306.7                  | 2.2%               | 0.148                        | 14,135            | 2.2                      |
| Headwaters South Fork Cache La Poudre River        | 1,908.6           | 17.2%         | 863.8                  | 7.8%               | 0.328                        | 11,094            | 4.9                      |
| Pennock Creek                                      | 2,149.4           | 19.4%         | 553.3                  | 5.0%               | 0.294                        | 11,068            | 4.4                      |
| Little Beaver Creek                                | 888.4             | 7.7%          | 75.8                   | 0.7%               | 0.090                        | 11,562            | 1.4                      |
| Pendergrass Creek-South Fork Cache La Poudre River | 2,520.1           | 13.5%         | 266.6                  | 1.4%               | 0.164                        | 18,639            | 2.5                      |
| Hague Creek                                        | 1,653.9           | 19.0%         | 1,152.2                | 13.3%              | 0.370                        | 8,685             | 5.5                      |
| Headwaters Cache La Poudre River                   | 2,529.9           | 19.9%         | 464.8                  | 3.7%               | 0.272                        | 12,709            | 4.1                      |
| La Poudre Pass Creek                               | 1,851.8           | 13.2%         | 293.1                  | 2.1%               | 0.173                        | 14,066            | 2.6                      |
| Joe Wright Creek                                   | 2,844.4           | 11.6%         | 572.4                  | 2.3%               | 0.163                        | 24,468            | 2.5                      |
| Willow Creek-Cache La Poudre River                 | 2,815.2           | 12.8%         | 1,845.8                | 8.4%               | 0.297                        | 21,936            | 4.4                      |
| Sheep Creek                                        | 925.1             | 6.6%          | 376.7                  | 2.7%               | 0.120                        | 13,966            | 1.8                      |
| Roaring Creek                                      | 1,487.3           | 15.0%         | 477.9                  | 4.8%               | 0.246                        | 9,938             | 3.7                      |
| Black Hollow-Cache La Poudre River                 | 8,365.6           | 22.2%         | 3,834.4                | 10.2%              | 0.360                        | 37,738            | 5.4                      |
| Bennett Creek                                      | 666.5             | 7.2%          | 53.4                   | 0.6%               | 0.084                        | 9,210             | 1.3                      |
| Sevenmile Creek-Cache La Poudre River              | 3,099.7           | 16.6%         | 403.6                  | 2.2%               | 0.210                        | 18,640            | 3.1                      |
| Elkhorn Creek                                      | 819.3             | 3.7%          | 145.2                  | 0.7%               | 0.050                        | 22,259            | 0.8                      |
| Youngs Gulch                                       | 1,416.4           | 14.4%         | 93.8                   | 1.0%               | 0.163                        | 9,823             | 2.5                      |
| Skin Gulch-Cache La Poudre River                   | 3,508.4           | 23.5%         | 340.5                  | 2.3%               | 0.281                        | 14,920            | 4.2                      |
| Gordon Creek                                       | 893.3             | 6.4%          | 117.2                  | 0.8%               | 0.081                        | 13,908            | 1.3                      |
| Hill Gulch-Cache La Poudre River                   | 2,805.9           | 25.1%         | 244.0                  | 2.2%               | 0.295                        | 11,161            | 4.4                      |
| North Fork Cache La Poudre River-Panhandle Creek   | 1,932.1           | 6.5%          | 214.8                  | 0.7%               | 0.079                        | 29,786            | 1.2                      |
| Sheep Creek-North Fork Cache La Poudre Creek       | 1,594.8           | 4.5%          | 164.3                  | 0.5%               | 0.054                        | 35,586            | 0.9                      |
| North Fork Cache La Poudre River-Bull Creek        | 2,409.6           | 7.0%          | 421.9                  | 1.2%               | 0.095                        | 34,294            | 1.5                      |

| Sixth-level Watershed Name                         | Severe (acres) | Severe (%) | Very Severe (acres) | Very Severe (%) | Soil Erodibility Value | Watershed Area | Soil Erodibility Rank |
|----------------------------------------------------|----------------|------------|---------------------|-----------------|------------------------|----------------|-----------------------|
| Trail Creek-North Fork Cache La Poudre River       | 642.7          | 2.8%       | 64.9                | 0.3%            | 0.034                  | 23,034         | 0.6                   |
| Fish Creek-Dale Creek                              | 439.9          | 1.9%       | 117.9               | 0.5%            | 0.029                  | 23,097         | 0.5                   |
| South Fork Lone Pine Creek                         | 479.0          | 2.9%       | 59.4                | 0.4%            | 0.173                  | 16,305         | 2.6                   |
| North Fork Lone Pine Creek                         | 1,520.9        | 6.0%       | 430.3               | 1.7%            | 0.230                  | 25,269         | 3.4                   |
| Lone Pine Creek                                    | 1,587.9        | 11.2%      | 306.7               | 2.2%            | 0.156                  | 14,153         | 2.4                   |
| Halligan Reservoir                                 | 784.1          | 5.2%       | 112.8               | 0.7%            | 0.067                  | 15,127         | 1.1                   |
| Rabbit Creek                                       | 2,494.5        | 8.6%       | 519.5               | 1.8%            | 0.122                  | 28,860         | 1.9                   |
| Miton Seaman Res.-North Fork Cache La Poudre River | 2,560.2        | 8.4%       | 502.2               | 1.6%            | 0.117                  | 30,516         | 1.8                   |
| Horsetooth Reservoir                               | 1,179.3        | 10.7%      | 145.7               | 1.3%            | 0.134                  | 10,974         | 2.0                   |
| City of Fort Collins-Cache La Poudre River         | 2,690.7        | 5.3%       | 307.6               | 0.6%            | 0.065                  | 51,119         | 1.0                   |

### Soils Categories

|          |         |        |
|----------|---------|--------|
| Min      | 0.02925 |        |
| Max      | 0.37000 |        |
| Range    | 0.34075 |        |
| Step     | 0.06815 |        |
| Category | From    | To     |
| 1        | 0.0293  | 0.0974 |
| 2        | 0.0974  | 0.1656 |
| 3        | 0.1656  | 0.2337 |
| 4        | 0.2337  | 0.3019 |
| 5        | 0.3019  | 0.3700 |

## Soil Erodibility

| Sixth-level Watershed Name                         | Severe (%) | Very Severe (%) | Soil Erodibility Value | Soil Erodibility Rank |
|----------------------------------------------------|------------|-----------------|------------------------|-----------------------|
| Hague Creek                                        | 19.0%      | 13.3%           | 0.370                  | 5.5                   |
| Black Hollow-Cache La Poudre River                 | 22.2%      | 10.2%           | 0.360                  | 5.4                   |
| Headwaters South Fork Cache La Poudre River        | 17.2%      | 7.8%            | 0.328                  | 4.9                   |
| Willow Creek-Cache La Poudre River                 | 12.8%      | 8.4%            | 0.297                  | 4.4                   |
| Hill Gulch-Cache La Poudre River                   | 25.1%      | 2.2%            | 0.295                  | 4.4                   |
| Pennock Creek                                      | 19.4%      | 5.0%            | 0.294                  | 4.4                   |
| Skin Gulch-Cache La Poudre River                   | 23.5%      | 2.3%            | 0.281                  | 4.2                   |
| Headwaters Cache La Poudre River                   | 19.9%      | 3.7%            | 0.272                  | 4.1                   |
| Roaring Creek                                      | 15.0%      | 4.8%            | 0.246                  | 3.7                   |
| North Fork Lone Pine Creek                         | 6.0%       | 1.7%            | 0.230                  | 3.4                   |
| Sevenmile Creek-Cache La Poudre River              | 16.6%      | 2.2%            | 0.210                  | 3.1                   |
| La Poudre Pass Creek                               | 13.2%      | 2.1%            | 0.173                  | 2.6                   |
| South Fork Lone Pine Creek                         | 2.9%       | 0.4%            | 0.173                  | 2.6                   |
| Pendergrass Creek-South Fork Cache La Poudre River | 13.5%      | 1.4%            | 0.164                  | 2.5                   |
| Youngs Gulch                                       | 14.4%      | 1.0%            | 0.163                  | 2.5                   |
| Joe Wright Creek                                   | 11.6%      | 2.3%            | 0.163                  | 2.5                   |
| Lone Pine Creek                                    | 11.2%      | 2.2%            | 0.156                  | 2.4                   |
| Beaver Creek                                       | 10.5%      | 2.2%            | 0.148                  | 2.2                   |
| Horsetooth Reservoir                               | 10.7%      | 1.3%            | 0.134                  | 2.0                   |
| Rabbit Creek                                       | 8.6%       | 1.8%            | 0.122                  | 1.9                   |
| Sheep Creek                                        | 6.6%       | 2.7%            | 0.120                  | 1.8                   |
| Miton Seaman Res.-North Fork Cache La Poudre River | 8.4%       | 1.6%            | 0.117                  | 1.8                   |
| North Fork Cache La Poudre River-Bull Creek        | 7.0%       | 1.2%            | 0.095                  | 1.5                   |
| Little Beaver Creek                                | 7.7%       | 0.7%            | 0.090                  | 1.4                   |
| Bennett Creek                                      | 7.2%       | 0.6%            | 0.084                  | 1.3                   |
| Gordon Creek                                       | 6.4%       | 0.8%            | 0.081                  | 1.3                   |
| North Fork Cache La Poudre River-Panhandle Creek   | 6.5%       | 0.7%            | 0.079                  | 1.2                   |
| Halligan Reservoir                                 | 5.2%       | 0.7%            | 0.067                  | 1.1                   |
| City of Fort Collins-Cache La Poudre River         | 5.3%       | 0.6%            | 0.065                  | 1.0                   |
| Sheep Creek-North Fork Cache La Poudre Creek       | 4.5%       | 0.5%            | 0.054                  | 0.9                   |
| Elkhorn Creek                                      | 3.7%       | 0.7%            | 0.050                  | 0.8                   |
| Trail Creek-North Fork Cache La Poudre River       | 2.8%       | 0.3%            | 0.034                  | 0.6                   |
| Fish Creek-Dale Creek                              | 1.9%       | 0.5%            | 0.029                  | 0.5                   |



## Composite Hazard Calculation

| Sixth-level Watershed Name                         | Wildfire Hazard Rank | Flooding/Debris Flow Rank | Soil Erodibility Rank | Composite Numeric Rank | Composite Hazard Rank |
|----------------------------------------------------|----------------------|---------------------------|-----------------------|------------------------|-----------------------|
| Beaver Creek                                       | 4.1                  | 3.7                       | 2.2                   | 10.1                   | 3.8                   |
| Headwaters South Fork Cache La Poudre River        | 2.4                  | 5.3                       | 4.9                   | 12.6                   | 4.8                   |
| Pennock Creek                                      | 5.2                  | 4.7                       | 4.4                   | 14.2                   | 5.5                   |
| Little Beaver Creek                                | 5.3                  | 3.9                       | 1.4                   | 10.6                   | 4.0                   |
| Pendergrass Creek-South Fork Cache La Poudre River | 5.2                  | 4.8                       | 2.5                   | 12.5                   | 4.8                   |
| Hague Creek                                        | 3.0                  | 4.1                       | 5.5                   | 12.5                   | 4.8                   |
| Headwaters Cache La Poudre River                   | 5.4                  | 3.3                       | 4.1                   | 12.8                   | 4.9                   |
| La Poudre Pass Creek                               | 4.7                  | 1.9                       | 2.6                   | 9.2                    | 3.4                   |
| Joe Wright Creek                                   | 4.5                  | 3.2                       | 2.5                   | 10.1                   | 3.8                   |
| Willow Creek-Cache La Poudre River                 | 5.5                  | 2.9                       | 4.4                   | 12.8                   | 4.9                   |
| Sheep Creek                                        | 5.0                  | 3.5                       | 1.8                   | 10.3                   | 3.9                   |
| Roaring Creek                                      | 4.5                  | 4.1                       | 3.7                   | 12.2                   | 4.7                   |
| Black Hollow-Cache La Poudre River                 | 4.5                  | 2.3                       | 5.4                   | 12.2                   | 4.6                   |
| Bennett Creek                                      | 4.1                  | 5.2                       | 1.3                   | 10.6                   | 4.0                   |
| Sevenmile Creek-Cache La Poudre River              | 3.1                  | 5.5                       | 3.1                   | 11.7                   | 4.5                   |
| Elkhorn Creek                                      | 2.5                  | 4.2                       | 0.8                   | 7.5                    | 2.7                   |
| Youngs Gulch                                       | 3.5                  | 3.9                       | 2.5                   | 9.8                    | 3.7                   |
| Skin Gulch-Cache La Poudre River                   | 3.6                  | 5.4                       | 4.2                   | 13.2                   | 5.1                   |
| Gordon Creek                                       | 1.3                  | 4.9                       | 1.3                   | 7.4                    | 2.7                   |
| Hill Gulch-Cache La Poudre River                   | 2.4                  | 4.1                       | 4.4                   | 10.9                   | 4.1                   |
| North Fork Cache La Poudre River-Panhandle Creek   | 4.1                  | 3.4                       | 1.2                   | 8.7                    | 3.2                   |
| Sheep Creek-North Fork Cache La Poudre Creek       | 4.3                  | 1.3                       | 0.9                   | 6.5                    | 2.3                   |
| North Fork Cache La Poudre River-Bull Creek        | 1.8                  | 0.9                       | 1.5                   | 4.2                    | 1.3                   |
| Trail Creek-North Fork Cache La Poudre River       | 3.5                  | 1.4                       | 0.6                   | 5.4                    | 1.8                   |
| Fish Creek-Dale Creek                              | 1.3                  | 0.5                       | 0.5                   | 2.3                    | 0.5                   |
| South Fork Lone Pine Creek                         | 3.1                  | 4.4                       | 2.6                   | 10.1                   | 3.8                   |
| North Fork Lone Pine Creek                         | 2.3                  | 4.1                       | 3.4                   | 9.9                    | 3.7                   |
| Lone Pine Creek                                    | 1.0                  | 1.9                       | 2.4                   | 5.3                    | 1.8                   |
| Halligan Reservoir                                 | 0.5                  | 0.7                       | 1.1                   | 2.2                    | 0.5                   |
| Rabbit Creek                                       | 1.2                  | 0.8                       | 1.9                   | 3.9                    | 1.2                   |
| Miton Seaman Res.-North Fork Cache La Poudre River | 0.5                  | 1.1                       | 1.8                   | 3.4                    | 1.0                   |
| Horsetooth Reservoir                               | 0.9                  | 2.9                       | 2.0                   | 5.8                    | 2.0                   |
| City of Fort Collins-Cache La Poudre River         | 1.2                  | 1.5                       | 1.0                   | 3.7                    | 1.1                   |

### Composite Categories

|          |          |         |
|----------|----------|---------|
| Min      | 2.23140  |         |
| Max      | 14.20656 |         |
| Range    | 11.97515 |         |
| Step     | 2.39503  |         |
| Category | From     | To      |
| 1        | 2.2314   | 4.6264  |
| 2        | 4.6264   | 7.0215  |
| 3        | 7.0215   | 9.4165  |
| 4        | 9.4165   | 11.8115 |
| 5        | 11.8115  | 14.2066 |

## Composite Hazard

| Sixth-level Watershed Name                         | Wildfire Hazard Rank | Flooding/Debris Flow Rank | Soil Erodibility Rank | Composite Hazard Rank |
|----------------------------------------------------|----------------------|---------------------------|-----------------------|-----------------------|
| Pennock Creek                                      | 5.2                  | 4.7                       | 4.4                   | 5.5                   |
| Skin Gulch-Cache La Poudre River                   | 3.6                  | 5.4                       | 4.2                   | 5.1                   |
| Willow Creek-Cache La Poudre River                 | 5.5                  | 2.9                       | 4.4                   | 4.9                   |
| Headwaters Cache La Poudre River                   | 5.4                  | 3.3                       | 4.1                   | 4.9                   |
| Headwaters South Fork Cache La Poudre River        | 2.4                  | 5.3                       | 4.9                   | 4.8                   |
| Hague Creek                                        | 3.0                  | 4.1                       | 5.5                   | 4.8                   |
| Pendergrass Creek-South Fork Cache La Poudre River | 5.2                  | 4.8                       | 2.5                   | 4.8                   |
| Roaring Creek                                      | 4.5                  | 4.1                       | 3.7                   | 4.7                   |
| Black Hollow-Cache La Poudre River                 | 4.5                  | 2.3                       | 5.4                   | 4.6                   |
| Sevenmile Creek-Cache La Poudre River              | 3.1                  | 5.5                       | 3.1                   | 4.5                   |
| Hill Gulch-Cache La Poudre River                   | 2.4                  | 4.1                       | 4.4                   | 4.1                   |
| Bennett Creek                                      | 4.1                  | 5.2                       | 1.3                   | 4.0                   |
| Little Beaver Creek                                | 5.3                  | 3.9                       | 1.4                   | 4.0                   |
| Sheep Creek                                        | 5.0                  | 3.5                       | 1.8                   | 3.9                   |
| Joe Wright Creek                                   | 4.5                  | 3.2                       | 2.5                   | 3.8                   |
| South Fork Lone Pine Creek                         | 3.1                  | 4.4                       | 2.6                   | 3.8                   |
| Beaver Creek                                       | 4.1                  | 3.7                       | 2.2                   | 3.8                   |
| North Fork Lone Pine Creek                         | 2.3                  | 4.1                       | 3.4                   | 3.7                   |
| Youngs Gulch                                       | 3.5                  | 3.9                       | 2.5                   | 3.7                   |
| La Poudre Pass Creek                               | 4.7                  | 1.9                       | 2.6                   | 3.4                   |
| North Fork Cache La Poudre River-Panhandle Creek   | 4.1                  | 3.4                       | 1.2                   | 3.2                   |
| Elkhorn Creek                                      | 2.5                  | 4.2                       | 0.8                   | 2.7                   |
| Gordon Creek                                       | 1.3                  | 4.9                       | 1.3                   | 2.7                   |
| Sheep Creek-North Fork Cache La Poudre Creek       | 4.3                  | 1.3                       | 0.9                   | 2.3                   |
| Horsetooth Reservoir                               | 0.9                  | 2.9                       | 2.0                   | 2.0                   |
| Trail Creek-North Fork Cache La Poudre River       | 3.5                  | 1.4                       | 0.6                   | 1.8                   |
| Lone Pine Creek                                    | 1.0                  | 1.9                       | 2.4                   | 1.8                   |
| North Fork Cache La Poudre River-Bull Creek        | 1.8                  | 0.9                       | 1.5                   | 1.3                   |
| Rabbit Creek                                       | 1.2                  | 0.8                       | 1.9                   | 1.2                   |
| City of Fort Collins-Cache La Poudre River         | 1.2                  | 1.5                       | 1.0                   | 1.1                   |
| Miton Seaman Res.-North Fork Cache La Poudre River | 0.5                  | 1.1                       | 1.8                   | 1.0                   |
| Fish Creek-Dale Creek                              | 1.3                  | 0.5                       | 0.5                   | 0.5                   |
| Halligan Reservoir                                 | 0.5                  | 0.7                       | 1.1                   | 0.5                   |

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## Water Supply Ranking

| Sixth-level Watershed Name                         | Watershed Area | Sources & Diversions | Reservoirs | Total Uses | Water Ranking |
|----------------------------------------------------|----------------|----------------------|------------|------------|---------------|
| Beaver Creek                                       | 14,135         | 0                    | 1          | 1          | 1             |
| Headwaters South Fork Cache La Poudre River        | 11,094         | 0                    | 1          | 1          | 1             |
| Pennock Creek                                      | 11,068         | 0                    |            | 0          | 0             |
| Little Beaver Creek                                | 11,562         | 0                    |            | 0          | 0             |
| Pendergrass Creek-South Fork Cache La Poudre River | 18,639         | 0                    | 1          | 1          | 1             |
| Hague Creek                                        | 8,685          | 0                    |            | 0          | 0             |
| Headwaters Cache La Poudre River                   | 12,709         | 1                    |            | 1          | 1             |
| La Poudre Pass Creek                               | 14,066         | 0                    | 1          | 1          | 1             |
| Joe Wright Creek                                   | 24,468         | 0                    | 1          | 1          | 1             |
| Willow Creek-Cache La Poudre River                 | 21,936         | 0                    | 1          | 1          | 1             |
| Sheep Creek                                        | 13,966         | 0                    |            | 0          | 0             |
| Roaring Creek                                      | 9,938          | 0                    | 1          | 1          | 1             |
| Black Hollow-Cache La Poudre River                 | 37,738         | 0                    | 1          | 1          | 1             |
| Bennett Creek                                      | 9,210          | 0                    |            | 0          | 0             |
| Sevenmile Creek-Cache La Poudre River              | 18,640         | 0                    |            | 0          | 0             |
| Elkhorn Creek                                      | 22,259         | 1                    |            | 1          | 1             |
| Youngs Gulch                                       | 9,823          | 0                    |            | 0          | 0             |
| Skin Gulch-Cache La Poudre River                   | 14,920         | 0                    | 1          | 1          | 1             |
| Gordon Creek                                       | 13,908         | 0                    |            | 0          | 0             |
| Hill Gulch-Cache La Poudre River                   | 11,161         | 1                    |            | 1          | 1             |
| North Fork Cache La Poudre River-Panhandle Creek   | 29,786         | 0                    | 1          | 1          | 1             |
| Sheep Creek-North Fork Cache La Poudre Creek       | 35,586         | 0                    | 1          | 1          | 1             |
| North Fork Cache La Poudre River-Bull Creek        | 34,294         | 0                    |            | 0          | 0             |
| Trail Creek-North Fork Cache La Poudre River       | 23,034         | 0                    |            | 0          | 0             |
| Fish Creek-Dale Creek                              | 23,097         | 0                    |            | 0          | 0             |
| South Fork Lone Pine Creek                         | 16,305         | 0                    |            | 0          | 0             |
| North Fork Lone Pine Creek                         | 25,269         | 0                    |            | 0          | 0             |
| Lone Pine Creek                                    | 14,153         | 0                    |            | 0          | 0             |
| Halligan Reservoir                                 | 15,127         | 0                    | 1          | 1          | 1             |
| Rabbit Creek                                       | 28,860         | 0                    |            | 0          | 0             |
| Miton Seaman Res.-North Fork Cache La Poudre River | 30,516         | 0                    | 1          | 1          | 1             |
| Horsetooth Reservoir                               | 10,974         | 1                    | 1          | 2          | 1             |
| City of Fort Collins-Cache La Poudre River         | 51,119         | 1                    |            | 1          | 1             |

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**Final Watershed Ranking Calculation**

| Sixth-level Watershed Name                         | Wildfire Hazard | Flooding/ Debris Flow | Soil Erodibility | Composite | Node Ranking | Overall Numeric | Overall Ranking |
|----------------------------------------------------|-----------------|-----------------------|------------------|-----------|--------------|-----------------|-----------------|
| Beaver Creek                                       | 4.1             | 3.7                   | 2.2              | 3.8       | 1            | 4.8             | 4.2             |
| Headwaters South Fork Cache La Poudre River        | 2.4             | 5.3                   | 4.9              | 4.8       | 1            | 5.8             | 5.3             |
| Pennock Creek                                      | 5.2             | 4.7                   | 4.4              | 5.5       | 0            | 5.5             | 4.9             |
| Little Beaver Creek                                | 5.3             | 3.9                   | 1.4              | 4.0       | 0            | 4.0             | 3.4             |
| Pendergrass Creek-South Fork Cache La Poudre River | 5.2             | 4.8                   | 2.5              | 4.8       | 1            | 5.8             | 5.2             |
| Hague Creek                                        | 3.0             | 4.1                   | 5.5              | 4.8       | 0            | 4.8             | 4.2             |
| Headwaters Cache La Poudre River                   | 5.4             | 3.3                   | 4.1              | 4.9       | 1            | 5.9             | 5.3             |
| La Poudre Pass Creek                               | 4.7             | 1.9                   | 2.6              | 3.4       | 1            | 4.4             | 3.9             |
| Joe Wright Creek                                   | 4.5             | 3.2                   | 2.5              | 3.8       | 1            | 4.8             | 4.2             |
| Willow Creek-Cache La Poudre River                 | 5.5             | 2.9                   | 4.4              | 4.9       | 1            | 5.9             | 5.3             |
| Sheep Creek                                        | 5.0             | 3.5                   | 1.8              | 3.9       | 0            | 3.9             | 3.3             |
| Roaring Creek                                      | 4.5             | 4.1                   | 3.7              | 4.7       | 1            | 5.7             | 5.1             |
| Black Hollow-Cache La Poudre River                 | 4.5             | 2.3                   | 5.4              | 4.6       | 1            | 5.6             | 5.1             |
| Bennett Creek                                      | 4.1             | 5.2                   | 1.3              | 4.0       | 0            | 4.0             | 3.4             |
| Sevenmile Creek-Cache La Poudre River              | 3.1             | 5.5                   | 3.1              | 4.5       | 0            | 4.5             | 3.9             |
| Elkhorn Creek                                      | 2.5             | 4.2                   | 0.8              | 2.7       | 1            | 3.7             | 3.2             |
| Youngs Gulch                                       | 3.5             | 3.9                   | 2.5              | 3.7       | 0            | 3.7             | 3.1             |
| Skin Gulch-Cache La Poudre River                   | 3.6             | 5.4                   | 4.2              | 5.1       | 1            | 6.1             | 5.5             |
| Gordon Creek                                       | 1.3             | 4.9                   | 1.3              | 2.7       | 0            | 2.7             | 2.1             |
| Hill Gulch-Cache La Poudre River                   | 2.4             | 4.1                   | 4.4              | 4.1       | 1            | 5.1             | 4.6             |
| North Fork Cache La Poudre River-Panhandle Creek   | 4.1             | 3.4                   | 1.2              | 3.2       | 1            | 4.2             | 3.6             |
| Sheep Creek-North Fork Cache La Poudre Creek       | 4.3             | 1.3                   | 0.9              | 2.3       | 1            | 3.3             | 2.8             |
| North Fork Cache La Poudre River-Bull Creek        | 1.8             | 0.9                   | 1.5              | 1.3       | 0            | 1.3             | 0.8             |
| Trail Creek-North Fork Cache La Poudre River       | 3.5             | 1.4                   | 0.6              | 1.8       | 0            | 1.8             | 1.3             |
| Fish Creek-Dale Creek                              | 1.3             | 0.5                   | 0.5              | 0.5       | 0            | 1.0             | 0.5             |
| South Fork Lone Pine Creek                         | 3.1             | 4.4                   | 2.6              | 3.8       | 0            | 3.8             | 3.2             |
| North Fork Lone Pine Creek                         | 2.3             | 4.1                   | 3.4              | 3.7       | 0            | 3.7             | 3.1             |
| Lone Pine Creek                                    | 1.0             | 1.9                   | 2.4              | 1.8       | 0            | 1.8             | 1.3             |
| Halligan Reservoir                                 | 0.5             | 0.7                   | 1.1              | 0.5       | 1            | 1.5             | 1.0             |
| Rabbit Creek                                       | 1.2             | 0.8                   | 1.9              | 1.2       | 0            | 1.2             | 0.7             |
| Miton Seaman Res.-North Fork Cache La Poudre River | 0.5             | 1.1                   | 1.8              | 1.0       | 1            | 2.0             | 1.5             |
| Horsetooth Reservoir                               | 0.9             | 2.9                   | 2.0              | 2.0       | 1            | 3.0             | 2.5             |
| City of Fort Collins-Cache La Poudre River         | 1.2             | 1.5                   | 1.0              | 1.1       | 1            | 2.1             | 1.6             |

### Final Categories

|          |         |        |
|----------|---------|--------|
| Min      | 1.00000 |        |
| Max      | 6.07510 |        |
| Range    | 5.07510 |        |
| Step     | 1.01502 |        |
| Category | From    | To     |
| 1        | 1.0000  | 2.0150 |
| 2        | 2.0150  | 3.0300 |
| 3        | 3.0300  | 4.0451 |
| 4        | 4.0451  | 5.0601 |
| 5        | 5.0601  | 6.0751 |

## Final Watershed Ranking

| Sixth-level Watershed Name                         | Wildfire Hazard | Flooding/ Debris Flow | Soil Erodibility | Composite | Node Ranking | Final Ranking |
|----------------------------------------------------|-----------------|-----------------------|------------------|-----------|--------------|---------------|
| Skin Gulch-Cache La Poudre River                   | 3.6             | 5.4                   | 4.2              | 5.1       | 1            | 5.5           |
| Willow Creek-Cache La Poudre River                 | 5.5             | 2.9                   | 4.4              | 4.9       | 1            | 5.3           |
| Headwaters Cache La Poudre River                   | 5.4             | 3.3                   | 4.1              | 4.9       | 1            | 5.3           |
| Headwaters South Fork Cache La Poudre River        | 2.4             | 5.3                   | 4.9              | 4.8       | 1            | 5.3           |
| Pendergrass Creek-South Fork Cache La Poudre River | 5.2             | 4.8                   | 2.5              | 4.8       | 1            | 5.2           |
| Roaring Creek                                      | 4.5             | 4.1                   | 3.7              | 4.7       | 1            | 5.1           |
| Black Hollow-Cache La Poudre River                 | 4.5             | 2.3                   | 5.4              | 4.6       | 1            | 5.1           |
| Pennock Creek                                      | 5.2             | 4.7                   | 4.4              | 5.5       | 0            | 4.9           |
| Hill Gulch-Cache La Poudre River                   | 2.4             | 4.1                   | 4.4              | 4.1       | 1            | 4.6           |
| Joe Wright Creek                                   | 4.5             | 3.2                   | 2.5              | 3.8       | 1            | 4.2           |
| Hague Creek                                        | 3.0             | 4.1                   | 5.5              | 4.8       | 0            | 4.2           |
| Beaver Creek                                       | 4.1             | 3.7                   | 2.2              | 3.8       | 1            | 4.2           |
| Sevenmile Creek-Cache La Poudre River              | 3.1             | 5.5                   | 3.1              | 4.5       | 0            | 3.9           |
| La Poudre Pass Creek                               | 4.7             | 1.9                   | 2.6              | 3.4       | 1            | 3.9           |
| North Fork Cache La Poudre River-Panhandle Creek   | 4.1             | 3.4                   | 1.2              | 3.2       | 1            | 3.6           |
| Bennett Creek                                      | 4.1             | 5.2                   | 1.3              | 4.0       | 0            | 3.4           |
| Little Beaver Creek                                | 5.3             | 3.9                   | 1.4              | 4.0       | 0            | 3.4           |
| Sheep Creek                                        | 5.0             | 3.5                   | 1.8              | 3.9       | 0            | 3.3           |
| South Fork Lone Pine Creek                         | 3.1             | 4.4                   | 2.6              | 3.8       | 0            | 3.2           |
| Elkhorn Creek                                      | 2.5             | 4.2                   | 0.8              | 2.7       | 1            | 3.2           |
| North Fork Lone Pine Creek                         | 2.3             | 4.1                   | 3.4              | 3.7       | 0            | 3.1           |
| Youngs Gulch                                       | 3.5             | 3.9                   | 2.5              | 3.7       | 0            | 3.1           |
| Sheep Creek-North Fork Cache La Poudre Creek       | 4.3             | 1.3                   | 0.9              | 2.3       | 1            | 2.8           |
| Horsetooth Reservoir                               | 0.9             | 2.9                   | 2.0              | 2.0       | 1            | 2.5           |
| Gordon Creek                                       | 1.3             | 4.9                   | 1.3              | 2.7       | 0            | 2.1           |
| City of Fort Collins-Cache La Poudre River         | 1.2             | 1.5                   | 1.0              | 1.1       | 1            | 1.6           |
| Miton Seaman Res.-North Fork Cache La Poudre River | 0.5             | 1.1                   | 1.8              | 1.0       | 1            | 1.5           |
| Trail Creek-North Fork Cache La Poudre River       | 3.5             | 1.4                   | 0.6              | 1.8       | 0            | 1.3           |
| Lone Pine Creek                                    | 1.0             | 1.9                   | 2.4              | 1.8       | 0            | 1.3           |
| Halligan Reservoir                                 | 0.5             | 0.7                   | 1.1              | 0.5       | 1            | 1.0           |
| North Fork Cache La Poudre River-Bull Creek        | 1.8             | 0.9                   | 1.5              | 1.3       | 0            | 0.8           |
| Rabbit Creek                                       | 1.2             | 0.8                   | 1.9              | 1.2       | 0            | 0.7           |
| Fish Creek-Dale Creek                              | 1.3             | 0.5                   | 0.5              | 0.5       | 0            | 0.5           |

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## Zones of Concern

| Name                   | Area<br>(acres) | Agency               | Watershed                                          |
|------------------------|-----------------|----------------------|----------------------------------------------------|
| Comanche Reservoir     |                 |                      | Beaver Creek                                       |
| Hourglass Reservoir    |                 |                      | Beaver Creek                                       |
|                        |                 | City of Greeley      | City of Fort Collins-Cache La Poudre River         |
| Ben Delatour Boys Camp |                 |                      | Elkhorn Creek                                      |
| Halligan Reservoir     |                 |                      | Halligan Reservoir                                 |
| Endovalley Picnic Area |                 |                      | Headwaters Cache La Poudre River                   |
| Twin Lake              |                 |                      | Headwaters South Fork Cache La Poudre River        |
|                        |                 | City of Fort Collins | Hill Gulch-Cache La Poudre River                   |
|                        |                 | City of Wellington   | Hill Gulch-Cache La Poudre River                   |
|                        |                 |                      | Horsetooth Reservoir                               |
| Big Thompson Project   |                 | City of Fort Collins | Horsetooth Reservoir                               |
|                        |                 | Spring Canyon W&SD   | Horsetooth Reservoir                               |
|                        |                 | City of Greeley      | Horsetooth Reservoir                               |
| Joe Wright Reservoir   |                 |                      | Joe Wright Creek                                   |
| Chambers Lake          |                 |                      | Joe Wright Creek                                   |
| Barnes Meadow          |                 |                      | Joe Wright Creek                                   |
| Long Draw Reservoir    |                 |                      | La Poudre Pass Creek                               |
| Seaman Reservoir       |                 |                      | Miton Seaman Res.-North Fork Cache La Poudre River |
| Panhandle Reservoir    |                 |                      | North Fork Cache La Poudre River-Panhandle Creek   |
| Eaton Reservoir        |                 |                      | Sheep Creek-North Fork Cache La Poudre Creek       |
| Peterson Lake          |                 |                      | Willow Creek-Cache la Poudre River                 |
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