

| longPlotID            | indicator       | 1991 | 2010 | 2019 |
|-----------------------|-----------------|------|------|------|
| 01006 BARNEY-12       | Annual Forb     |      | 3.5  | 3    |
| 01006 BARNEY-12       | Annual Grass    |      |      | 3    |
| 01006 BARNEY-12       | BareSoil        | 32.1 | 63.5 | 21   |
| 01006 BARNEY-12       | Perennial Forb  |      | 1    | 2    |
| 01006 BARNEY-12       | Perennial Grass | 8.7  | 9.5  | 2    |
| 01006 BARNEY-12       | All Rock        | 49.5 | 14   | 48.5 |
| 01006 BARNEY-12       | Shrub           | 4.6  | 2.5  | 7.5  |
| 01006 BARNEY-12       | Subshrub        | 6.1  | 7.5  | 9.5  |
| 01006 BARNEY-12       | TotalFoliar     | 18.9 | 23   | 23.5 |
| 01006 BARNEY-12       | TotalLitter     |      |      | 34.5 |
| 01006 CHUTE-10        | Annual Forb     |      |      | 50.5 |
| 01006 CHUTE-10        | Annual Grass    |      | 42   | 6    |
| 01006 CHUTE-10        | BareSoil        | 22.3 | 23.5 | 3.5  |
| 01006 CHUTE-10        | Perennial Forb  |      |      | 1.5  |
| 01006 CHUTE-10        | Perennial Grass | 28.4 | 23   | 4    |
| 01006 CHUTE-10        | All Rock        | 40.1 | 39.5 | 72.5 |
| 01006 CHUTE-10        | Shrub           | 3    | 1    | 0.5  |
| 01006 CHUTE-10        | Subshrub        | 7.1  | 1.5  | 2.5  |
| 01006 CHUTE-10        | TotalFoliar     | 38.6 | 62   | 59.5 |
| 01006 CHUTE-10        | TotalLitter     |      |      | 29.5 |
| 01006 EAST-5          | Annual Forb     | 0.5  | 7    | 39.5 |
| 01006 EAST-5          | Annual Grass    |      | 17   | 15.5 |
| 01006 EAST-5          | BareSoil        | 4.5  | 40.5 | 15   |
| 01006 EAST-5          | Perennial Forb  |      | 0.5  | 1.5  |
| 01006 EAST-5          | Perennial Grass | 30.3 | 13   | 5    |
| 01006 EAST-5          | All Rock        | 81.8 | 22   | 48.5 |
| 01006 EAST-5          | Shrub           | 6.1  | 2    | 3.5  |
| 01006 EAST-5          | Subshrub        | 6.1  | 4    | 1.5  |
| 01006 EAST-5          | Succulent       |      | 0.5  |      |
| 01006 EAST-5          | TotalFoliar     | 37.9 | 42   | 57   |
| 01006 EAST-5          | TotalLitter     |      |      | 4.5  |
| 01006 ELEPHANT BACK-4 | Annual Forb     |      | 14.5 | 12.5 |
| 01006 ELEPHANT BACK-4 | Annual Grass    | 0.5  | 2    | 1.5  |
| 01006 ELEPHANT BACK-4 | BareSoil        | 2    | 2    | 1    |
| 01006 ELEPHANT BACK-4 | Perennial Forb  | 1.5  | 3.5  | 2.5  |
| 01006 ELEPHANT BACK-4 | Perennial Grass | 47.5 | 44   | 10   |
| 01006 ELEPHANT BACK-4 | All Rock        | 46   | 82   | 94   |
| 01006 ELEPHANT BACK-4 | Shrub           | 1    | 6    | 4.5  |
| 01006 ELEPHANT BACK-4 | Subshrub        | 4.5  | 1.5  | 1.5  |
| 01006 ELEPHANT BACK-4 | Succulent       |      | 0.5  | 1    |
| 01006 ELEPHANT BACK-4 | TotalFoliar     | 55   | 63.5 | 32.5 |
| 01006 ELEPHANT BACK-4 | TotalLitter     |      | 19   | 30   |
| 01006 ELEPHANT BACK-4 | Tree            |      |      | 2    |
| 01006 GRAMA-3         | Annual Forb     | 9    | 32.5 | 31   |

|                   |                 |      |      |      |
|-------------------|-----------------|------|------|------|
| 01006 GRAMA-3     | Annual Grass    | 3.5  | 1.5  | 6.5  |
| 01006 GRAMA-3     | BareSoil        | 35   | 49   | 15   |
| 01006 GRAMA-3     | Perennial Forb  | 0.5  | 1    | 1    |
| 01006 GRAMA-3     | Perennial Grass | 14   | 16   | 9    |
| 01006 GRAMA-3     | All Rock        | 38   | 1.5  | 45.5 |
| 01006 GRAMA-3     | Subshrub        |      | 0.5  | 1.5  |
| 01006 GRAMA-3     | TotalFoliar     | 27   | 50   | 42.5 |
| 01006 GRAMA-3     | TotalLitter     |      |      | 35.5 |
| 01006 NORTH-1     | Annual Forb     | 1    |      | 21   |
| 01006 NORTH-1     | Annual Grass    | 6    |      | 2.5  |
| 01006 NORTH-1     | BareSoil        | 49   |      | 32   |
| 01006 NORTH-1     | Perennial Grass | 19.5 |      | 8.5  |
| 01006 NORTH-1     | All Rock        | 23.5 | 0    | 46   |
| 01006 NORTH-1     | Shrub           | 0.5  |      |      |
| 01006 NORTH-1     | Subshrub        | 1    |      |      |
| 01006 NORTH-1     | TotalFoliar     | 27.5 |      | 29   |
| 01006 NORTH-1     | TotalLitter     |      |      | 10.5 |
| 01006 NORTHEAST-8 | Annual Forb     | 0.5  | 21   | 26   |
| 01006 NORTHEAST-8 | Annual Grass    | 0.5  | 3.5  |      |
| 01006 NORTHEAST-8 | BareSoil        | 11.1 | 53.5 | 34   |
| 01006 NORTHEAST-8 | Perennial Grass | 43.2 | 10.5 | 8    |
| 01006 NORTHEAST-8 | All Rock        | 43.7 | 15   | 35.5 |
| 01006 NORTHEAST-8 | Subshrub        | 12.6 | 0.5  | 1    |
| 01006 NORTHEAST-8 | TotalFoliar     | 45.7 | 35   | 34   |
| 01006 NORTHEAST-8 | TotalLitter     |      |      | 13   |
| 01006 PYRAMID-9   | Annual Forb     |      | 8.5  | 20.5 |
| 01006 PYRAMID-9   | Annual Grass    |      | 8.5  | 1    |
| 01006 PYRAMID-9   | BareSoil        | 1    | 1.5  | 1.5  |
| 01006 PYRAMID-9   | Lichen          |      |      | 3    |
| 01006 PYRAMID-9   | Perennial Forb  | 1    | 7    | 3    |
| 01006 PYRAMID-9   | Perennial Grass | 49.5 | 44   | 19   |
| 01006 PYRAMID-9   | All Rock        | 49   | 84.5 | 81   |
| 01006 PYRAMID-9   | Shrub           | 1    | 5.5  | 7    |
| 01006 PYRAMID-9   | Subshrub        | 3    | 2.5  | 2    |
| 01006 PYRAMID-9   | Succulent       | 0.5  |      |      |
| 01006 PYRAMID-9   | TotalFoliar     | 53.5 | 66   | 43   |
| 01006 PYRAMID-9   | TotalLitter     | 0.5  | 13.5 | 23   |
| 01006 PYRAMID-9   | Tree            |      | 2    |      |
| 01006 RAILROAD-7  | Annual Forb     |      | 4.5  | 19   |
| 01006 RAILROAD-7  | Annual Grass    |      | 27   | 9.5  |
| 01006 RAILROAD-7  | BareSoil        | 30.5 | 44.5 | 15.5 |
| 01006 RAILROAD-7  | Perennial Forb  |      | 1    |      |
| 01006 RAILROAD-7  | Perennial Grass | 7.5  | 5.5  | 4    |
| 01006 RAILROAD-7  | All Rock        | 63   | 21   | 58.5 |
| 01006 RAILROAD-7  | Shrub           | 2.5  | 0.5  | 3.5  |

|                  |                 |      |      |      |
|------------------|-----------------|------|------|------|
| 01006 RAILROAD-7 | Subshrub        | 2    | 3    | 5.5  |
| 01006 RAILROAD-7 | TotalFoliar     | 11   | 40.5 | 37   |
| 01006 RAILROAD-7 | TotalLitter     |      |      | 15.5 |
| 01006 RATTLER-6  | Annual Forb     |      | 4    | 20   |
| 01006 RATTLER-6  | Annual Grass    |      | 12   |      |
| 01006 RATTLER-6  | BareSoil        | 2    | 9.5  | 5    |
| 01006 RATTLER-6  | Perennial Forb  |      | 3    | 0.5  |
| 01006 RATTLER-6  | Perennial Grass | 38.4 | 33.5 | 3    |
| 01006 RATTLER-6  | All Rock        | 53   | 76   | 80   |
| 01006 RATTLER-6  | Shrub           | 8.6  | 7    | 11.5 |
| 01006 RATTLER-6  | Subshrub        | 3.5  | 4    | 5.5  |
| 01006 RATTLER-6  | Succulent       | 1    |      |      |
| 01006 RATTLER-6  | TotalFoliar     | 48.5 | 57.5 | 38   |
| 01006 RATTLER-6  | TotalLitter     |      | 1.5  | 30   |
| 01006 SOUTH-11   | Annual Forb     | 2.5  | 9    | 24   |
| 01006 SOUTH-11   | Annual Grass    | 0.5  |      | 11.5 |
| 01006 SOUTH-11   | BareSoil        | 53   | 68.5 | 15   |
| 01006 SOUTH-11   | Perennial Forb  |      | 1    | 1    |
| 01006 SOUTH-11   | Perennial Grass | 32   | 15   | 15.5 |
| 01006 SOUTH-11   | All Rock        | 6.5  | 6    | 38.5 |
| 01006 SOUTH-11   | Shrub           |      | 0.5  |      |
| 01006 SOUTH-11   | Subshrub        | 6    | 1.5  | 3    |
| 01006 SOUTH-11   | TotalFoliar     | 40.5 | 25.5 | 49   |
| 01006 SOUTH-11   | TotalLitter     |      |      | 43.5 |
| 01006 VICTOR-2   | Annual Forb     | 1.5  | 6.3  | 30   |
| 01006 VICTOR-2   | Annual Grass    | 16.5 | 9    | 7    |
| 01006 VICTOR-2   | BareSoil        | 51.5 | 63.6 | 19   |
| 01006 VICTOR-2   | Perennial Forb  |      | 1    |      |
| 01006 VICTOR-2   | Perennial Grass | 4    | 13.3 | 4    |
| 01006 VICTOR-2   | All Rock        | 23   | 5.75 | 42.5 |
| 01006 VICTOR-2   | Shrub           | 2    | 1.5  | 2.5  |
| 01006 VICTOR-2   | Subshrub        | 1.5  | 3    | 3.5  |
| 01006 VICTOR-2   | TotalFoliar     | 25.5 | 30.9 | 42.5 |
| 01006 VICTOR-2   | TotalLitter     |      |      | 38   |