

# Rangeland Productivity and Plant Composition

United States

[Only the soils that support rangeland vegetation suitable for grazing are rated. This report shows only the major soils in each map unit]

| Map symbol and soil name | Ecological site | Total dry-weight production |              |                  | Characteristic vegetation | Rangeland composition |
|--------------------------|-----------------|-----------------------------|--------------|------------------|---------------------------|-----------------------|
|                          |                 | Favorable year              | Normal year  | Unfavorable year |                           |                       |
|                          |                 | <i>Lb/ac</i>                | <i>Lb/ac</i> | <i>Lb/ac</i>     |                           | <i>Pct</i>            |
| s5684:                   |                 |                             |              |                  |                           |                       |
| Stumble                  | ---             | 500                         | 350          | 200              | Fourwing saltbush         | 20                    |
|                          |                 |                             |              |                  | Indian ricegrass          | 20                    |
|                          |                 |                             |              |                  | Sand dropseed             | 10                    |
|                          |                 |                             |              |                  | Anderson wolfberry        | 5                     |
|                          |                 |                             |              |                  | Dalea                     | 5                     |
|                          |                 |                             |              |                  | Galleta                   | 5                     |
|                          |                 |                             |              |                  | Littleleaf horsebrush     | 5                     |
|                          |                 |                             |              |                  | Needleandthread           | 5                     |
|                          |                 |                             |              |                  | Winterfat                 | 5                     |
| Hawsley                  | ---             | 800                         | 450          | 200              | Indian ricegrass          | 40                    |
|                          |                 |                             |              |                  | Fourwing saltbush         | 10                    |
|                          |                 |                             |              |                  | Needleandthread           | 10                    |
|                          |                 |                             |              |                  | Bud sagebrush             | 5                     |
|                          |                 |                             |              |                  | Nevada dalea              | 5                     |
|                          |                 |                             |              |                  | Shadscale                 | 5                     |
|                          |                 |                             |              |                  | Winterfat                 | 5                     |
| Luning                   | ---             | 400                         | 200          | 100              | Indian ricegrass          | 45                    |
|                          |                 |                             |              |                  | Cooper wolfberry          | 15                    |
|                          |                 |                             |              |                  | Fourwing saltbush         | 15                    |
|                          |                 |                             |              |                  | Other shrubs              | 10                    |
|                          |                 |                             |              |                  | Bailey greasewood         | 5                     |
|                          |                 |                             |              |                  | Nevada dalea              | 5                     |
|                          |                 |                             |              |                  | Other perennial forbs     | 5                     |
|                          |                 |                             |              |                  | Galleta                   | 3                     |

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|                             |                 | Favorable<br>year           | Normal<br>year | Unfavorable<br>year |                           |                          |
|                             |                 | <i>Lb/ac</i>                | <i>Lb/ac</i>   | <i>Lb/ac</i>        |                           |                          |
| s5684:                      |                 |                             |                |                     |                           | <i>Pct</i>               |
| Stumble                     | ---             | 800                         | 450            | 200                 | Indian ricegrass          | 40                       |
|                             |                 |                             |                |                     | Fourwing saltbush         | 15                       |
|                             |                 |                             |                |                     | Bailey greasewood         | 10                       |
|                             |                 |                             |                |                     | Needleandthread           | 10                       |
|                             |                 |                             |                |                     | Dalea                     | 5                        |
|                             |                 |                             |                |                     | Galleta                   | 5                        |
|                             |                 |                             |                |                     | Winterfat                 | 5                        |
| Sundown                     | ---             | 400                         | 200            | 100                 | Indian ricegrass          | 50                       |
|                             |                 |                             |                |                     | Fourwing saltbush         | 20                       |
|                             |                 |                             |                |                     | Cooper wolfberry          | 10                       |
|                             |                 |                             |                |                     | Nevada dalea              | 5                        |
| Isolde                      | ---             | 300                         | 200            | 100                 | Hairy horsebrush          | 30                       |
|                             |                 |                             |                |                     | Indian ricegrass          | 20                       |
|                             |                 |                             |                |                     | Fourwing saltbush         | 10                       |
|                             |                 |                             |                |                     | Needleandthread           | 10                       |
|                             |                 |                             |                |                     | Other perennial forbs     | 10                       |
|                             |                 |                             |                |                     | Littleleaf horsebrush     | 5                        |
|                             |                 |                             |                |                     | Nevada dalea              | 5                        |
| Isolde                      | ---             | 500                         | 300            | 150                 | Black greasewood          | 40                       |
|                             |                 |                             |                |                     | Indian ricegrass          | 25                       |
|                             |                 |                             |                |                     | Fourwing saltbush         | 5                        |
|                             |                 |                             |                |                     | Shadscale                 | 5                        |

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|-----------------------------|-----------------|-----------------------------|----------------|---------------------|---------------------------|--------------------------|
|                             |                 | Favorable<br>year           | Normal<br>year | Unfavorable<br>year |                           |                          |
|                             |                 | <i>Lb/ac</i>                | <i>Lb/ac</i>   | <i>Lb/ac</i>        |                           |                          |
| s5684:                      |                 |                             |                |                     |                           | <i>Pct</i>               |
| Patna                       | ---             | 500                         | 300            | 100                 | Shadscale                 | 30                       |
|                             |                 |                             |                |                     | Bailey greasewood         | 20                       |
|                             |                 |                             |                |                     | Indian ricegrass          | 20                       |
|                             |                 |                             |                |                     | Bottlebrush squirreltail  | 10                       |
|                             |                 |                             |                |                     | Bud sagebrush             | 10                       |
| Bango                       | ---             | 400                         | 200            | 100                 | Shadscale                 | 20                       |
|                             |                 |                             |                |                     | Cooper wolfberry          | 15                       |
|                             |                 |                             |                |                     | Indian ricegrass          | 15                       |
|                             |                 |                             |                |                     | Bailey greasewood         | 10                       |
|                             |                 |                             |                |                     | Bottlebrush squirreltail  | 10                       |
| Izo                         | ---             | 500                         | 300            | 100                 | Rubber rabbitbrush        | 20                       |
|                             |                 |                             |                |                     | Fourwing saltbush         | 15                       |
|                             |                 |                             |                |                     | Burrobrush                | 10                       |
|                             |                 |                             |                |                     | Cooper wolfberry          | 5                        |
|                             |                 |                             |                |                     | Indian ricegrass          | 5                        |
|                             |                 |                             |                |                     | Littleleaf horsebrush     | 5                        |
|                             |                 |                             |                |                     | Nevada ephedra            | 5                        |
|                             |                 |                             |                |                     | Spiny hopsage             | 5                        |
| Theon                       | ---             | 350                         | 200            | 50                  | Shadscale                 | 20                       |
|                             |                 |                             |                |                     | Bailey greasewood         | 10                       |
|                             |                 |                             |                |                     | Bud sagebrush             | 10                       |
|                             |                 |                             |                |                     | Desert needlegrass        | 10                       |
|                             |                 |                             |                |                     | Bottlebrush squirreltail  | 5                        |
|                             |                 |                             |                |                     | Indian ricegrass          | 5                        |