

## Soil Moisture - Utah Soil Climate Analysis Network - Sep-18-2017

| Site name                 | Weekly Precip <sup>3</sup> | Total Current Precip <sup>1</sup> | % of Normal Precip <sup>2</sup> | Soil Moisture   |    |    |     |     | Current Avail. Water** | Current Avail. Water % of AWC* |
|---------------------------|----------------------------|-----------------------------------|---------------------------------|-----------------|----|----|-----|-----|------------------------|--------------------------------|
|                           |                            |                                   |                                 | 2"              | 4" | 8" | 20" | 40" |                        |                                |
|                           | <i>in.</i>                 | <i>in.</i>                        | <i>in.</i>                      | <i>volume %</i> |    |    |     |     | <i>in.</i>             | <i>%</i>                       |
| <b>WESTERN</b>            |                            |                                   |                                 |                 |    |    |     |     |                        |                                |
| Grouse Creek              | 0.53                       | 14.4                              | 115                             | 6               | 7  | 10 | 16  | 16  | 0.1                    | 2                              |
| Park Valley               | 0.32                       | 13.5                              | 130                             | 2               | 4  | 2  | na  | na  |                        |                                |
| Goshute                   | 0.04                       | 11.9                              | 117                             | na              | na | na | na  | na  |                        |                                |
| Dugway                    | 0.09                       | 7.7                               | 96                              | na              | na | na | na  | na  |                        |                                |
| Tule Valley               | 0.16                       | 8.0                               | 105                             | 11              | 8  | 18 | 12  | 7   | 0.8                    | 13                             |
| Hal's Canyon              | 0.54                       | 6.8                               | 109                             | nd              | 10 | 9  | nd  | 10  | 0.2                    | 4                              |
| Enterprise                | 1.43                       | 12.1                              | 130                             | 8               | 26 | 22 | 15  | 16  | 1.0                    | 25                             |
| <b>DIXIE</b>              |                            |                                   |                                 |                 |    |    |     |     |                        |                                |
| Sand Hollow               | 0.83                       | 13.4                              | 133                             | 5               | 6  | 7  | 2   | 1   | 0.8                    | 34                             |
| <b>NORTH CENTRAL</b>      |                            |                                   |                                 |                 |    |    |     |     |                        |                                |
| Blue Creek                | 0.86                       | 18.4                              | 141                             | 22              | 23 | 21 | 21  | 19  | 1.8                    | 35                             |
| Cache Junction            | 0.25                       | 26.4                              | 167                             | 15              | 15 | 28 | 37  | 39  | 2.6                    | 66                             |
| Grantsville               | 0.56                       | 12.2                              | 124                             | 7               | na | na | na  | na  |                        |                                |
| <b>SOUTH CENTRAL</b>      |                            |                                   |                                 |                 |    |    |     |     |                        |                                |
| Nephi                     | 0.84                       | 12.8                              | 109                             | 24              | 23 | 13 | 8   | 7   | 1.1                    | 24                             |
| Ephraim                   | 1.18                       | 11.4                              | 135                             | 15              | 29 | 20 | 25  | 25  |                        |                                |
| Holden                    | 0.74                       | 10.6                              | 132                             | 10              | 10 | 7  | 12  | 13  | 0.6                    | 10                             |
| Milford                   | 1.20                       | 8.1                               | 104                             | 24              | 30 | 11 | 31  | 7   |                        |                                |
| Manderfield               | 1.06                       | 11.8                              | 100                             | 19              | 16 | 14 | 12  | 6   | 0.9                    | 17                             |
| Circleville               | 0.60                       | 8.6                               | 122                             | 16              | 13 | 8  | 12  | 15  | 1.3                    | 20                             |
| Panguitch                 | 1.03                       | 9.3                               | 95                              | 11              | 31 | 12 | 19  | 36  | 2.3                    | 40                             |
| Cave Valley               | 0.79                       | 22.2                              | 114                             | 3               | 7  | 7  | 1   | 0   | 0.7                    | 13                             |
| Vermillion                | 0.38                       | 17.9                              | 122                             | 0               | 4  | 3  | 5   | 9   | 0.1                    | 2                              |
| Spooky                    | 0.36                       | 8.7                               | 108                             | 3               | 2  | 2  | 6   | 2   | 0.0                    | 0                              |
| <b>NORTHERN MOUNTAINS</b> |                            |                                   |                                 |                 |    |    |     |     |                        |                                |
| Chicken Ridge             | 0.93                       | 15.7                              | 117                             | 11              | 15 | 7  | 11  | 10  | 0.7                    | 9                              |
| Buffalo Jump              | 0.45                       | 14.7                              | 124                             | 9               | 9  | 8  | 8   | bd  | 0.0                    | 0                              |
| Morgan                    | 0.43                       | 21.4                              | 122                             | 16              | 19 | 27 | 30  | 20  | 5.8                    | 70                             |
| <b>UINTAH BASIN</b>       |                            |                                   |                                 |                 |    |    |     |     |                        |                                |
| Mountain Home             | 0.36                       | 9.1                               | 78                              | 8               | 10 | 14 | 13  | 16  | 1.9                    | 33                             |
| Little Red Fox            | 0.62                       | 7.4                               | 86                              | 20              | 13 | 17 | 22  | 20  | 1.5                    | 21                             |
| Split Mountain            | 0.46                       | 7.3                               | 89                              | 7               | 10 | 9  | 13  | 17  | 1.6                    | 23                             |
| <b>SOUTHEAST</b>          |                            |                                   |                                 |                 |    |    |     |     |                        |                                |
| Price                     | 0.99                       | 9.2                               | 115                             | 8               | 16 | 16 | 19  | 23  | 1.9                    | 25                             |
| Green River               | 0.76                       | 5.9                               | 109                             | 22              | 13 | 8  | 7   | 10  | 0.5                    | 10                             |
| Harm's Way                | 0.42                       | 10.4                              | 88                              | 10              | 13 | 13 | 14  | 6   | 0.2                    | 4                              |
| West Summit               | 0.33                       | 9.0                               | 100                             | 14              | 14 | 15 | 21  | 20  | 2.1                    | 33                             |
| Eastland                  | 0.24                       | 7.8                               | 76                              | 6               | 8  | 11 | 22  | 20  | 2.0                    | 33                             |
| Alkali Mesa               | 0.26                       | 9.8                               | 86                              | 5               | 5  | 14 | 17  | 17  | 0.5                    | 10                             |
| McCracken Mesa            | 0.29                       | 8.3                               | 96                              | 15              | 11 | 13 | 18  | 16  | 0.5                    | 14                             |

<sup>1</sup>From: 10/01/2016 to present

<sup>2</sup>Percent of avg. accumulation, water year to date

<sup>3</sup>Precip. accumulation over previous 7-day period, scaled by max. accumulation

\*\*plant avail. water in the top 40" of soil

nd = missing data

\*total plant available water in the top 40" of soil, scaled from 0 to 100%

bd = bedrock

**What the colors mean:**

- = below wilting point (WP); **too dry**
- = between WP & FC; **ideal**
- = above field capacity (FC); **too wet**