

## Soil Moisture - Utah Soil Climate Analysis Network - Sep-24-2018

| 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              | 0.00                       | 7.4                               | 59                              | 0               | 6  | 10 | 15  | 15  | 0.1                    | 2                              |
| Park Valley               | 0.00                       | 6.9                               | 65                              | 1               | 0  | 2  | na  | na  |                        |                                |
| Goshute                   | 0.00                       | 6.5                               | 63                              | na              | na | na | na  | na  |                        |                                |
| Dugway                    | 0.00                       | 4.0                               | 50                              | na              | na | na | na  | na  |                        |                                |
| Tule Valley               | 0.00                       | 5.3                               | 71                              | 8               | 8  | 5  | 1   | 6   | 0.0                    | 0                              |
| Hal's Canyon              | 0.00                       | 4.1                               | 67                              | 3               | nd | 3  | 6   | 5   | 0.0                    | 0                              |
| Enterprise                | 0.00                       | 7.7                               | 78                              | 7               | 19 | 20 | 14  | 15  | 0.1                    | 2                              |
| <b>DIXIE</b>              |                            |                                   |                                 |                 |    |    |     |     |                        |                                |
| Sand Hollow               | 0.00                       | 5.9                               | 61                              | 0               | 1  | 0  | 1   | 0   | 0.0                    | 0                              |
| <b>NORTH CENTRAL</b>      |                            |                                   |                                 |                 |    |    |     |     |                        |                                |
| Blue Creek                | 0.00                       | 8.0                               | 60                              | 7               | 12 | 19 | 20  | 18  | 1.4                    | 28                             |
| Cache Junction            | 0.00                       | 12.3                              | 71                              | 14              | 14 | 27 | 29  | 38  | 1.4                    | 36                             |
| Grantsville               | 0.00                       | 7.0                               | 65                              | 0               | na | na | na  | na  |                        |                                |
| <b>SOUTH CENTRAL</b>      |                            |                                   |                                 |                 |    |    |     |     |                        |                                |
| Nephi                     | 0.14                       | 9.0                               | 77                              | 10              | 14 | 10 | 8   | 4   | 0.0                    | 0                              |
| Ephraim                   | 0.00                       | 6.4                               | 70                              | 3               | 16 | 20 | 24  | 25  |                        |                                |
| Holden                    | 0.00                       | 5.3                               | 63                              | 3               | 4  | 6  | 12  | 12  | 0.4                    | 6                              |
| Milford                   | 0.00                       | 3.8                               | 47                              | 7               | 13 | 3  | na  | 8   |                        |                                |
| Manderfield               | 0.00                       | 7.9                               | 67                              | 1               | nd | 15 | 12  | 6   | 0.2                    | 3                              |
| Circleville               | 0.00                       | 7.0                               | 95                              | 4               | 7  | 7  | 11  | 16  | 0.9                    | 14                             |
| Panguitch                 | 0.00                       | 5.7                               | 60                              | 3               | 15 | 13 | 20  | 34  | 2.9                    | 50                             |
| Cave Valley               | 0.00                       | 12.8                              | 67                              | 0               | 2  | 0  | 1   | 0   | 0.0                    | 0                              |
| Vermillion                | 0.00                       | 10.4                              | 71                              | 0               | 1  | 3  | nd  | 9   | 0.1                    | 1                              |
| Spooky                    | 0.00                       | 3.8                               | 50                              | 1               | 2  | 2  | 6   | 3   | 0.0                    | 0                              |
| <b>NORTHERN MOUNTAINS</b> |                            |                                   |                                 |                 |    |    |     |     |                        |                                |
| Chicken Ridge             | 0.00                       | 8.4                               | 63                              | 0               | 5  | 7  | 11  | 8   | 0.0                    | 0                              |
| Buffalo Jump              | 0.03                       | 6.9                               | 59                              | 2               | 7  | 7  | 8   | bd  | 0.0                    | 0                              |
| Morgan                    | 0.00                       | 11.0                              | 64                              | 17              | 13 | 16 | nd  | 17  | 1.1                    | 13                             |
| <b>UNTAH BASIN</b>        |                            |                                   |                                 |                 |    |    |     |     |                        |                                |
| Mountain Home             | 0.03                       | 4.3                               | 38                              | 1               | 11 | 14 | 11  | 14  | 0.0                    | 1                              |
| Little Red Fox            | 0.02                       | 3.8                               | 45                              | 5               | 13 | 17 | 22  | 19  | 0.0                    | 0                              |
| Split Mountain            | 0.01                       | 3.7                               | 46                              | 3               | 13 | 11 | 13  | 15  | 0.0                    | 0                              |
| <b>SOUTHEAST</b>          |                            |                                   |                                 |                 |    |    |     |     |                        |                                |
| Price                     | 0.00                       | 4.6                               | 57                              | 0               | 9  | 15 | na  | 13  | 0.0                    | 0                              |
| Green River               | 0.00                       | 2.1                               | 37                              | 7               | 6  | 7  | 7   | 9   | 0.0                    | 0                              |
| Harm's Way                | 0.00                       | 4.6                               | 41                              | 4               | 12 | 15 | 14  | 6   | 0.1                    | 1                              |
| West Summit               | 0.00                       | 5.2                               | 58                              | 8               | 13 | 14 | nd  | 18  | 0.4                    | 7                              |
| Eastland                  | 0.01                       | 4.0                               | 37                              | 6               | 8  | 9  | 22  | 20  | 1.9                    | 32                             |
| Alkali Mesa               | 0.02                       | 3.1                               | 26                              | 4               | 4  | 13 | 16  | 16  | 0.4                    | 7                              |
| McCracken Mesa            | 0.02                       | 2.3                               | 28                              | 5               | 8  | 11 | 17  | 15  | 0.0                    | 0                              |

<sup>1</sup>From: 10/01/2017 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 soil water (to 40"), scaled from 0 to 100%

bd = bedrock

### What the colors mean:

|  |   |
|--|---|
|  | = below wilting point (WP); <b>too dry</b>  |
|  | = between WP & FC; <b>ideal</b>             |
|  | = above field capacity (FC); <b>too wet</b> |