

## Soil Moisture - Utah Soil Climate Analysis Network - Nov-23-2015

| Site name   | Weekly Precip<br><i>in.</i> | Current Precip <sup>1</sup><br><i>in.</i> | Prev. Yr. Precip <sup>2</sup><br><i>in.</i> | Soil Moisture   |    |    |     |     | Current Avail. Water**<br><i>in.</i>        | Current Avail. Water % of AWC*<br><i>%</i> | Prev. Yr. Avail. Water**<br><i>in.</i> | Prev. Yr. Avail. Water % of AWC*<br><i>%</i> |
|---|-----------------------------|---|---|-----------------|----|----|-----|-----|---|--|--|--|
|   |                             |   |   | 2"              | 4" | 8" | 20" | 40" |   |  |  |  |
|   |                             |   |   | <i>volume %</i> |    |    |     |     |   |  |  |  |
| <b>WESTERN</b>  |                             |   |   |                 |    |    |     |     |   |  |  |  |
| Grouse Creek  | 0.31                        | 2.1                                       | 1.1   | 8               | 9  | 10 | 15  | 15  | 1.4   | 21   | 1.8                                    | 27   |
| Park Valley   | 0.02                        | 1.7                                       | 0.8   | 3               | 6  | 10 | na  | 14  | 0.6   | 12   |  |  |
| Goshute   | 0.14                        | 1.5                                       | 0.3   | na              | na | na | na  | na  |   |  |  |  |
| Dugway  | 0.00                        | 0.8                                       | 0.2   | na              | na | na | na  | na  |   |  |  |  |
| Tule Valley   | 0.18                        | 2.5                                       | 0.0   | 14              | 19 | 22 | 19  | 12  | 5.1   | 81   | 3.3                                    | 53   |
| Hal's Canyon  | 0.21                        | 2.5                                       | 0.3   | 5               | 14 | 18 | 10  | 8   | 1.5   | 29   | 0.7                                    | 14   |
| Enterprise  | 0.16                        | 1.8                                       | 0.5   | 10              | 20 | 17 | 12  | 14  | 0.4   | 10   | 1.0                                    | 25   |
| <b>DIXIE</b>  |                             |   |   |                 |    |    |     |     |   |  |  |  |
| Sand Hollow   | 0.06                        | 1.6                                       | 0.3   | 5               | 4  | 2  | 0   | 0   | 0.4   | 16   | 0.0                                    | 0  |
| <b>NORTH CENTRAL</b>  |                             |   |   |                 |    |    |     |     |   |  |  |  |
| Blue Creek  | 0.14                        | 2.4                                       | 0.8   | 17              | 20 | 20 | 20  | 15  | 1.2   | 23   | 1.2                                    | 24   |
| Cache Junction  | 0.24                        | 1.6                                       | 1.5   | 29              | 22 | 33 | 29  | 37  | 2.1   | 53   | 1.3                                    | 33   |
| Grantsville   | 0.18                        | 1.6                                       | 0.4   | 11              | 12 | 17 | na  | na  |   |  |  |  |
| <b>SOUTH CENTRAL</b>  |                             |   |   |                 |    |    |     |     |   |  |  |  |
| Nephi   | 0.72                        | 2.2                                       | 0.4   | 27              | 28 | 18 | 5   | 0   | 1.4   | 30   | 0.1                                    | 1  |
| Ephraim   | 0.51                        | 1.6                                       | 0.8   | 27              | 21 | 26 | 32  | 34  | 6.1   | 66   |  |  |
| Holden  | 0.12                        | 2.0                                       | 0.8   | 13              | 13 | 10 | 10  | 10  | 0.5   | 8  | 0.3                                    | 5  |
| Milford   | 0.18                        | 1.7                                       | 0.6   | 19              | 16 | 12 | 24  | 17  | 1.1   | 16   | 1.9                                    | 28   |
| Manderfield   | 0.34                        | 1.9                                       | 0.6   | 34              | 19 | 10 | 10  | 5   | 0.9   | 18   | 0.7                                    | 14   |
| Circleville   | 0.04                        | 1.7                                       | 0.2   | 12              | 18 | 5  | 8   | 14  | 1.1   | 17   | 1.1                                    | 17   |
| Panguitch   | 0.09                        | 2.5                                       | 0.5   | 7               | 20 | 15 | 19  | 34  | 1.7   | 30   | 1.5                                    | 27   |
| Cave Valley   | 0.52                        | 3.6                                       | 0.7   | 2               | 8  | 8  | 0   | 8   | 1.4   | 26   | 1.4                                    | 23   |
| Vermillion  | 0.32                        | 4.8                                       | 0.3   | 0               | 1  | 8  | 13  | 8   | 1.6   | 33   | 0.0                                    | 0  |
| Spooky  | 0.05                        | 3.7                                       | 0.1   | 5               | 8  | 5  | 7   | 1   | 0.4   | 16   | 0.0                                    | 0  |
| <b>NORTHERN MOUNTAINS</b>   |                             |   |   |                 |    |    |     |     |   |  |  |  |
| Chicken Ridge, sagebrush  | 0.06                        | 1.4                                       | 0.4   | 6               | 10 | 11 | 12  | 11  | 0.7   | 10   | 1.3                                    | 18   |
| Chicken Ridge, aspen  | 0.06                        | 1.4                                       | 0.4   | 7               | 11 | 8  | 3   | 5   | 0.0   | 0  | 0.2                                    | 3  |
| Buffalo Jump  | 0.11                        | 1.0                                       | 0.6   | 6               | 10 | 8  | 7   | na  | 0.0   | 1  | 0.6                                    | 14   |
| Morgan  | 0.38                        | 1.5                                       | 1.4   | 22              | 18 | 23 | 30  | 18  | 5.5   | 66   | 6.0                                    | 72   |
| <b>UNTAHBASIN</b>   |                             |   |   |                 |    |    |     |     |   |  |  |  |
| Mountain Home   | 0.13                        | 1.9                                       | 0.5   | 8               | 11 | 11 | 10  | 5   | 0.7   | 12   | 1.6                                    | 26   |
| Little Red Fox  | 0.46                        | 2.2                                       | 0.9   | 13              | 27 | 38 | 36  | 37  | 5.5   | 77   | 7.4                                    | 104  |
| Split Mountain  | 0.18                        | 1.6                                       | 0.8   | 10              | 24 | 9  | 11  | 11  | 1.0   | 15   | 2.7                                    | 40   |
| <b>SOUTHEAST</b>  |                             |   |   |                 |    |    |     |     |   |  |  |  |
| Price   | 0.46                        | 2.9                                       | 0.2   | 7               | 23 | 27 | 13  | 17  | 2.9   | 37   | 1.6                                    | 21   |
| Green River   | 0.07                        | 2.7                                       | 0.2   | 23              | 14 | 8  | 5   | 6   | 0.8   | 15   | 0.4                                    | 7  |
| Harm's Way  | 0.06                        | 6.6                                       | 1.1   | 25              | 27 | 26 | 12  | 5   | 3.1   | 61   | 0.9                                    | 18   |
| West Summit   | 0.43                        | 4.3                                       | 0.6   | 15              | 28 | 27 | 14  | 16  | 2.0   | 33   | 0.5                                    | 8  |
| Eastland  | 0.23                        | 4.7                                       | 0.6   | 25              | 24 | 23 | 20  | 19  | 3.6   | 60   | 1.9                                    | 31   |
| Alkali Mesa   | 0.43                        | 4.6                                       | 0.7   | 18              | 21 | 21 | 14  | 15  | 1.0   | 20   | 0.1                                    | 2  |
| McCracken Mesa  | 0.52                        | 4.7                                       | 0.5   | 22              | 26 | 26 | 20  | 13  | 4.2   | 115  | 1.8                                    | 48   |
| <sup>1</sup> from: 10/01/2015 to present <sup>2</sup> from: 10/01/14 to 11/23/14    na = no sensor<br>Soil data are midnight values |                             |   |   |                 |    |    |     |     | <b>What the colors mean:</b>                |  |  |  |
| **plant available water in the top 40" of soil    nd = missing data   |                             |   |   |                 |    |    |     |     | = below wilting point (WP); <b>too dry</b>  |  |  |  |
| *AWC = available water capacity in the top 40" of soil  |                             |   |   |                 |    |    |     |     | = between WP & FC; <b>ideal</b>             |  |  |  |
|   |                             |   |   |                 |    |    |     |     | = above field capacity (FC); <b>too wet</b> |  |  |  |