

## Soil Moisture - Utah Soil Climate Analysis Network - Aug-29-2016

Site name	Weekly Precip	Current Precip <sup>1</sup>	Prev. Yr. Precip <sup>2</sup>	Soil Moisture					Current Avail. Water**	Current Avail. Water % of AWC*	Prev. Yr. Avail. Water**	Prev. Yr. Avail. Water % of AWC*
				2"	4"	8"	20"	40"				
				volume %								
	<i>in.</i>	<i>in.</i>	<i>in.</i>						<i>in.</i>	<i>%</i>	<i>in.</i>	<i>%</i>
<b>WESTERN</b>												
Grouse Creek	0.00	11.3	13.1	0	6	10	15	15	1.4	21	1.8	26
Park Valley	0.00	9.4	9.7	1	0	8	na	na				
Goshute	0.01	10.5	8.0	na	na	na	na	na				
Dugway	0.00	5.7	7.9	na	na	na	na	na				
Tule Valley	0.01	7.8	5.1	8	7	15	6	9	1.9	29	4.0	64
Hal's Canyon	0.01	5.9	5.7	1	1	10	11	10	1.0	19	1.1	21
Enterprise	0.41	8.0	10.1	8	24	22	14	10	1.0	26	0.7	19
<b>DIXIE</b>												
Sand Hollow	0.37	10.3	6.3	5	4	4	1	0	0.7	29	0.5	20
<b>NORTH CENTRAL</b>												
Blue Creek	0.00	12.8	13.7	5	12	20	22	18	1.4	28	1.4	28
Cache Junction	0.00	16.2	18.7	16	18	30	35	38	2.7	69	3.3	83
Grantsville	0.00	9.8	10.2	1	10	20	na	na				
<b>SOUTH CENTRAL</b>												
Nephi	0.00	10.5	11.1	6	12	14	7	7	0.6	13	0.8	18
Ephraim	0.00	8.3	10.1	9	17	23	25	34				
Holden	0.02	9.2	6.5	3	4	11	11	13	0.3	5	0.4	7
Milford	0.20	6.8	7.9	9	19	18	29	18	2.0	30	1.6	24
Manderfield	0.18	7.8	9.6	11	10	13	11	6	0.6	11	0.5	10
Circleville	0.17	8.7	6.9	7	11	7	12	16	1.3	20	1.1	17
Panguitch	1.57	9.8	9.0	17	28	23	20	43	3.6	61	2.1	36
Cave Valley	0.67	18.5	14.4	1	7	8	0	1	0.7	13	0.2	3
Vermillion	0.87	13.5	14.2	2	8	2	4	9	0.2	5	0.8	16
Spooky	0.41	9.0	10.0	2	2	1	6	2	0.0	0	0.0	0
<b>NORTHERN MOUNTAINS</b>												
Chicken Ridge, sagebrush	0.00	10.2	15.5	0	5	7	10	9	0.4	5	0.6	8
Chicken Ridge, aspen	0.00	10.2	15.5	1	3	3	4	4	0.0	0	0.0	0
Buffalo Jump	0.01	10.4	12.4	4	8	8	8	na	0.0	0	0.1	2
Morgan	0.00	14.3	15.9	12	16	24	28	22	5.4	65	6.3	76
<b>UNTAH BASIN</b>												
Mountain Home	0.00	8.7	11.6	1	10	13	11	15	1.5	26	1.1	19
Little Red Fox	0.35	8.3	9.5	29	32	41	38	41	6.9	96	3.3	46
Split Mountain	0.09	9.1	7.5	4	11	11	14	13	1.3	19	1.3	19
<b>SOUTHEAST</b>												
Price	0.07	7.3	8.8	0	8	13	17	22	2.5	32	2.9	37
Green River	0.32	5.9	6.5	15	7	9	6	9	0.7	12	0.4	8
Harm's Way	0.30	14.9	13.6	8	12	13	15	7	1.5	29	1.5	30
West Summit	0.58	10.8	12.7	17	19	17	17	24	2.5	39	1.2	18
Eastland	0.49	11.5	16.0	9	11	11	24	22	2.7	45	2.5	42
Alkali Mesa	0.43	16.3	14.5	7	7	16	18	17	0.7	14	0.5	10
McCracken Mesa	0.34	12.9	12.3	18	18	19	17	15	3.0	81	2.2	59
<sup>1</sup> from: 10/01/2015 to present <sup>2</sup> from: 10/01/14 to 08/29/15    na = no sensor 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>			