

## Soil Moisture - Utah Soil Climate Analysis Network - May-16-2016

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	0.09	9.9	7.8	6	18	24	28	29	6.3	92	5.1	75
Park Valley	0.10	8.0	3.9	6	9	13	na	na				
Goshute	0.00	7.9	3.5	na	na	na	na	na				
Dugway	0.00	5.0	5.2	na	na	na	na	na				
Tule Valley	0.14	7.0	2.8	15	14	24	21	9	5.3	84	4.8	76
Hal's Canyon	0.07	4.7	2.8	2	8	10	14	9	1.4	27	0.9	16
Enterprise	0.00	5.5	6.9	6	27	26	17	15	1.8	46	2.5	63
<b>DIXIE</b>												
Sand Hollow	0.00	7.8	4.5	1	0	2	5	0	0.9	40	0.2	7
<b>NORTH CENTRAL</b>												
Blue Creek	0.22	11.1	7.3	22	23	31	33	21	4.8	94	4.1	81
Cache Junction	0.15	14.2	10.0	27	21	30	38	41	3.6	92	1.5	38
Grantsville	0.01	8.2	6.2	3	9	17	na	na				
<b>SOUTH CENTRAL</b>												
Nephi	1.33	9.6	6.8	38	24	19	12	12	2.9	65	0.7	17
Ephraim	0.52	6.1	5.7	15	24	32	38	38				
Holden	0.83	8.4	4.6	21	14	15	15	14	1.8	31	0.8	14
Milford	0.02	5.3	4.9	18	26	24	26	16	2.2	33	3.1	48
Manderfield	0.25	6.2	5.5	19	16	22	18	9	2.7	50	1.2	23
Circleville	0.27	5.4	3.8	13	22	12	26	28	5.3	80	2.5	37
Panguitch	0.04	5.6	5.1	8	19	15	23	33	2.2	38	2.3	40
Cave Valley	0.06	14.8	9.9	0	6	5	0	7	1.1	20	2.6	42
Vermillion	0.04	10.8	7.8	0	4	6	14	19	2.7	56	2.6	54
Spooky	0.01	7.0	5.8	2	4	3	8	3	0.1	3	1.4	56
<b>NORTHERN MOUNTAINS</b>												
Chicken Ridge, sagebrush	0.73	7.7	8.1	23	24	28	26	27	6.8	94	6.1	84
Chicken Ridge, aspen	0.73	7.7	8.1	19	23	22	18	18	3.5	58	3.4	57
Buffalo Jump	1.06	8.3	6.2	26	28	24	25	na	4.1	94	1.4	32
Morgan	0.36	12.9	9.1	25	22	28	34	20	7.0	84	7.3	87
<b>UNTAH BASIN</b>												
Mountain Home	0.59	6.5	4.9	20	15	20	16	15	3.4	57	1.9	32
Little Red Fox	0.25	5.7	4.4	13	22	24	25	24	2.6	37	4.3	61
Split Mountain	0.32	6.8	4.5	15	21	15	14	11	1.8	26	2.1	31
<b>SOUTHEAST</b>												
Price	0.11	6.0	3.9	2	16	20	16	18	2.8	36	2.7	36
Green River	0.03	4.7	4.0	14	10	11	6	8	0.7	13	0.9	16
Harm's Way	0.64	11.5	6.4	15	23	22	24	13	4.3	85	2.8	55
West Summit	0.22	7.3	5.5	21	26	25	26	26	5.0	80	3.2	51
Eastland	0.13	7.1	6.4	14	17	18	32	34	6.0	100	6.1	103
Alkali Mesa	0.21	8.6	6.6	10	12	18	21	20	1.5	30	0.7	14
McCracken Mesa	0.01	8.9	5.3	10	19	20	21	16	3.7	100	3.5	96
<sup>1</sup> from: 10/01/2015 to present <sup>2</sup> from: 10/01/14 to 05/16/15    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>		