

## Soil Moisture - Utah Soil Climate Analysis Network - May-18-2015

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	1.71	8.9	7.9	19	26	28	29	24	7.0	102	4.8	71
Park Valley	0.88	4.5	6.1	11	17	20	nd	19	5.1	114	7.1	157
Goshute	0.28	3.7	6.1	nd	nd	nd	nd	nd				
Dugway	0.53	5.4	4.2	nd	nd	nd	nd	nd				
Tule Valley	0.17	2.8	3.7	19	18	21	17	9	4.7	75	5.1	81
Hal's Canyon <sup>3</sup>	0.06	2.8	2.8	6	9	10	11	9	0.9	16	1.2	22
Enterprise	0.55	6.9	4.1	13	36	25	17	16	2.3	58	1.5	39
<b>DIXIE</b>												
Sand Hollow	0.13	4.5	5.9	1	0	0	1	1	0.2	7	0.1	5
<b>NORTH CENTRAL</b>												
Blue Creek	1.85	8.5	8.7	36	33	39	28	18	5.2	102	6.1	121
Cache Junction	1.37	11.2	11.5	40	36	43	27	36	3.1	79	3.8	95
Grantsville	0.34	6.6	6.8	18	16	21	8	nd	2.8	146	0.8	44
<b>SOUTH CENTRAL</b>												
Nephi	0.70	6.9	7.2	24	18	16	8	1	0.8	17	0.5	11
Ephraim	0.79	5.8	6.7	33	37	37	40	36	9.1	97		
Holden	0.21	4.6	5.6	8	8	14	14	13	0.8	14	0.8	14
Milford	0.21	4.9	3.8	22	28	27	30	17	3.3	50	2.1	33
Manderfield	0.40	5.5	5.9	28	14	13	12	6	1.1	21	0.6	12
Circleville	0.39	3.8	2.9	14	19	9	17	14	2.2	34	1.3	19
Panguitch	0.47	5.1	4.0	10	18	14	23	33	2.2	38	1.8	30
Cave Valley	0.82	9.9	7.6	6	7	8	7	9	2.5	47	1.9	30
Vermillion	0.40	7.8	6.6	0	6	6	13	19	2.6	54	0.3	6
Spooky	0.39	5.8	4.4	3	2	3	20	2	1.4	55	1.3	52
<b>NORTHERN MOUNTAINS</b>												
Chicken Ridge, sagebrush	0.33	8.3	5.0	20	22	27	26	22	6.1	84	6.1	85
Chicken Ridge, aspen	0.33	8.3	5.0	18	23	22	18	18	3.3	56	3.3	56
Buffalo Jump	0.17	6.3	5.5	16	19	18	12	na	1.3	30	1.0	22
Morgan	0.79	9.8	11.7	31	27	31	35	20	7.7	92	8.7	105
<b>UNTAH BASIN</b>												
Mountain Home	0.94	5.1	3.9	22	14	16	12	5	0.2	4	1.4	24
Little Red Fox	0.84	4.5	2.5	21	27	25	27	29	4.3	60	5.3	74
Split Mountain	0.81	4.5	4.6	20	30	14	13	12	2.1	31	1.3	20
<b>SOUTHEAST</b>												
Price	0.76	3.9	3.7	9	21	20	15	18	2.8	36	2.3	30
Green River	0.83	4.0	3.1	21	11	11	7	8	1.0	18	0.8	15
Harm's Way	0.63	6.6	6.2	21	21	16	17	6	2.8	55	1.8	36
West Summit	0.36	5.6	5.1	21	25	23	21	16	3.2	51	2.2	35
Eastland	0.47	6.7	5.1	23	21	21	31	30	6.1	103	5.4	91
Alkali Mesa	0.28	6.7	4.4	7	12	16	17	18	0.7	13	0.9	18
McCracken Mesa	0.26	5.4	4.3	21	17	19	20	15	3.6	96	2.2	58
<sup>1</sup> from: 10/01/2014 to present <sup>2</sup> from: 10/01/13 to 05/18/14    na = no sensor				<b>What the colors mean:</b>								
<sup>3</sup> through 5/16/2015; site is slow to report				= below wilting point (WP); <b>too dry</b>								
**plant available water in the top 40" of soil    nd = missing data				= between WP & FC; <b>ideal</b>								
*AWC = available water capacity in the top 40" of soil				= above field capacity (FC); <b>too wet</b>								