

## Soil Moisture - Utah Soil Climate Analysis Network - Jan-3-2017

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 %								
	in.	in.	in.						in.	%	in.	%
<b>WESTERN</b>												
Grouse Creek	0.11	5.2	3.4	11	24	26	28	15	5.2	77	1.5	22
Park Valley	0.11	5.3	2.3	6	7	14	na	na				
Goshute	0.04	1.5	2.4	na	na	na	na	na				
Dugway	0.01	1.3	1.6	na	na	na	na	na				
Tule Valley	0.00	1.5	3.3	12	5	12	3	7	1.0	16	4.2	66
Hal's Canyon	0.01	1.5	2.6	4	6	6	9	8	0.5	9	0.8	14
Enterprise	0.00	3.8	2.3	13	40	31	13	10	2.1	53	0.2	6
<b>DIXIE</b>												
Sand Hollow	0.49	3.9	2.1	6	7	6	8	0	2.0	88	0.2	8
<b>NORTH CENTRAL</b>												
Blue Creek	0.30	5.5	3.7	29	30	36	30	16	4.8	94	1.3	26
Cache Junction	0.01	9.1	3.3	39	31	41	38	39	4.8	121	3.8	96
Grantsville	0.18	2.9	2.8	14	14	na	na	na				
<b>SOUTH CENTRAL</b>												
Nephi	0.18	4.0	3.3	29	29	27	6	2	2.1	48	1.9	41
Ephraim	0.13	2.8	2.9	16	17	26	24	32				
Holden	0.02	1.7	2.7	6	7	10	10	9	0.0	0	0.1	2
Milford	0.00	1.9	2.1	7	14	13	23	16	0.8	13	0.8	11
Manderfield	0.01	2.7	2.3	27	27	28	10	5	2.2	40	1.1	21
Circleville	0.00	1.6	2.3	13	16	7	9	13	1.0	14	0.9	13
Panguitch	0.00	1.3	3.0	7	16	11	19	32	1.5	26	1.5	26
Cave Valley	0.22	6.8	4.7	5	9	9	0	8	1.7	30	0.8	13
Vermillion	0.44	4.8	5.8	1	9	8	14	8	1.9	40	1.4	28
Spooky	0.01	2.0	4.1	8	10	1	5	0	0.4	15	0.0	0
<b>NORTHERN MOUNTAINS</b>												
Chicken Ridge, sagebrush	0.01	3.7	2.1	16	16	19	17	11	2.6	35	0.7	9
Chicken Ridge, aspen	0.01	3.7	2.1	13	17	15	5	4	0.7	11	0.0	0
Buffalo Jump	0.08	3.8	2.3	9	10	10	7	bd	0.1	2	0.0	0
Morgan	0.25	6.9	4.1	12	11	14	23	19	3.7	45	5.5	67
<b>UNTAH BASIN</b>												
Mountain Home	0.04	2.1	2.8	5	10	14	9	10	0.8	13	0.5	9
Little Red Fox	0.03	1.4	2.7	14	17	21	32	35	3.3	46	3.6	50
Split Mountain	0.01	2.4	2.5	11	16	13	20	11	2.3	34	0.4	6
<b>SOUTHEAST</b>												
Price	0.00	2.0	3.4	5	12	18	22	30	4.6	59	1.4	19
Green River	0.00	1.6	3.0	17	12	11	7	6	0.7	13	0.3	5
Harm's Way	0.00	2.4	7.3	22	24	23	12	5	2.7	53	2.7	53
West Summit	0.00	1.4	4.6	19	22	14	15	20	1.6	25	2.8	44
Eastland	0.09	2.0	4.7	22	20	11	20	19	2.5	42	4.6	78
Alkali Mesa	0.31	3.0	5.1	13	11	13	13	14	0.0	0	0.4	8
McCracken Mesa	0.39	2.5	5.4	24	28	26	14	12	3.2	87	3.7	101
<sup>1</sup> from: 10/01/2016 to present <sup>2</sup> from: 10/01/15 to 01/03/16    bd = bedrock Soil data are midnight values    na = too salty to reliably measure soil moisture **plant available water in the top 40" of soil    nd = missing data *AWC = available water capacity in the top 40" of soil									<b>What the colors mean:</b> <span style="background-color: yellow; border: 1px solid black; display: inline-block; width: 15px; height: 10px;"></span> = below wilting point (WP); <b>too dry</b> <span style="background-color: lightgreen; border: 1px solid black; display: inline-block; width: 15px; height: 10px;"></span> = between WP & FC; <b>ideal</b> <span style="background-color: cyan; border: 1px solid black; display: inline-block; width: 15px; height: 10px;"></span> = above field capacity (FC); <b>too wet</b>			