

Soil Moisture - Utah Soil Climate Analysis Network - Mar-27-2017

Site name	Weekly Precip	Current Precip ¹	Prev. Yr. Precip ²	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.	%	
WESTERN													
Grouse Creek	0.50	10.3	6.1	20	26	28	31	31	7.9	115	6.9	102	
Park Valley	0.67	9.5	4.2	14	18	21	na	na					
Goshute	1.25	4.7	3.8	na	na	na	na	na					
Dugway	0.80	4.6	3.6	na	na	na	na	na					
Tule Valley	1.47	5.2	4.8	19	20	23	11	9	3.7	59	4.8	75	
Hal's Canyon	0.39	2.7	3.9	8	12	11	10	9	1.1	20	1.9	34	
Enterprise	0.24	5.3	3.6	5	33	30	23	10	3.2	82	2.8	72	
DIXIE													
Sand Hollow	0.22	7.6	4.7	4	0	1	4	4	1.1	47	0.2	10	
NORTH CENTRAL													
Blue Creek	0.88	12.7	7.2	35	34	40	36	23	7.0	138	5.7	111	
Cache Junction	1.02	19.3	8.3	44	36	45	41	41	6.1	155	4.9	123	
Grantsville	2.18	7.5	5.5	21	na	na	na	na					
SOUTH CENTRAL													
Nephi	1.31	8.6	5.7	34	34	29	16	15	4.9	108	4.3	95	
Ephraim	0.74	6.1	4.4	25	23	33	40	37					
Holden	1.67	5.7	4.6	19	17	18	18	10	2.5	42	1.1	18	
Milford	0.24	3.4	3.8	24	30	30	26	16	2.8	43	1.7	26	
Manderfield	0.76	5.3	3.6	25	15	25	21	10	3.6	68	4.6	86	
Circleville	0.18	2.6	3.5	14	14	10	11	14	1.0	16	5.6	85	
Panguitch	0.21	2.9	3.8	15	27	22	32	35	4.4	75	4.4	76	
Cave Valley	0.67	14.6	9.9	4	8	8	0	7	1.4	26	1.2	19	
Vermillion	0.69	11.8	8.4	2	9	10	17	27	4.4	92	3.9	81	
Spooky	0.39	4.5	5.9	3	4	4	8	2	0.2	7	0.1	5	
NORTHERN MOUNTAINS													
Chicken Ridge, sagebrush	1.37	7.9	3.5	22	24	29	28	34	7.8	109	5.8	80	
Chicken Ridge, aspen	1.37	7.9	3.5	15	20	20	16	11	2.1	35	1.1	18	
Buffalo Jump	1.39	8.9	3.9	25	29	25	27	bd	4.5	102	2.8	64	
Morgan	1.74	15.8	8.3	28	27	33	35	23	7.9	96	6.6	79	
UINTAH BASIN													
Mountain Home	0.57	4.6	3.9	19	26	32	24	27	7.1	120	2.6	44	
Little Red Fox	0.80	4.2	3.5	22	32	40	37	38	6.3	88	6.8	95	
Split Mountain	0.42	5.4	3.8	16	24	24	25	12	4.4	65	2.8	41	
SOUTHEAST													
Price	0.45	4.9	4.0	5	19	29	28	33	7.0	91	2.7	35	
Green River	0.13	3.5	3.9	14	10	11	8	7	0.7	12	1.2	22	
Harm's Way	0.31	4.3	8.5	16	19	23	25	7	4.4	86	5.2	103	
West Summit	0.12	2.6	5.5	20	24	26	25	20	4.3	68	4.9	78	
Eastland	0.03	3.9	5.5	18	19	26	33	34	7.0	117	6.8	115	
Alkali Mesa	0.01	5.3	6.8	15	14	22	26	18	2.6	51	3.4	66	
McCracken Mesa	0.01	4.9	7.9	17	25	26	26	13	5.0	135	5.2	140	
¹ from: 10/01/2016 to present				² from: 10/01/15 to 03/27/16				bd = bedrock		What the colors mean:			
Soil data are midnight values				na = too salty to reliably measure soil moisture				= below wilting point (WP); too dry					
**plant available water in the top 40" of soil				nd = missing data				= between WP & FC; ideal					
*AWC = available water capacity in the top 40" of soil								= above field capacity (FC); too wet					