

Soil Moisture - Utah Soil Climate Analysis Network - May-15-2017

Site name	Weekly Precip <i>in.</i>	Current Precip ¹ <i>in.</i>	Prev. Yr. Precip ² <i>in.</i>	Soil Moisture					Current Avail. Water** <i>in.</i>	Current Avail. Water % of AWC* <i>%</i>	Prev. Yr. Avail. Water** <i>in.</i>	Prev. Yr. Avail. Water % of AWC* <i>%</i>
				2"	4"	8"	20"	40"				
				<i>volume %</i>								
WESTERN												
Grouse Creek	0.00	12.2	9.8	6	17	22	28	29	6.1	89	6.4	94
Park Valley	0.00	11.9	7.9	2	5	3	na	na				
Goshute	0.08	8.4	7.9	na	na	na	na	na				
Dugway	0.09	6.1	5.0	na	na	na	na	na				
Tule Valley	0.00	7.0	6.9	13	14	22	16	9	4.1	66	5.3	83
Hal's Canyon	0.04	3.5	4.7	0	4	10	11	9	0.9	17	1.5	28
Enterprise	0.03	6.8	5.5	4	28	26	20	10	2.3	59	1.9	49
DIXIE												
Sand Hollow	1.17	9.2	7.8	5	6	6	1	0	0.9	38	1.1	47
NORTH CENTRAL												
Blue Creek	0.01	15.6	10.9	19	21	30	32	23	4.6	90	5.0	99
Cache Junction	0.00	23.8	14.2	28	20	39	39	41	4.4	111	3.6	92
Grantsville	0.08	11.0	8.2	4	na	na	na	na				
SOUTH CENTRAL												
Nephi	0.00	10.7	8.4	14	18	16	9	12	1.4	31	2.4	54
Ephraim	0.00	8.2	5.6	13	20	26	29	35				
Holden	0.09	8.4	7.6	7	8	19	19	20	2.4	41	1.4	23
Milford	0.01	5.4	5.3	25	32	32	38	17	5.1	78	2.1	33
Manderfield	0.60	7.3	6.1	12	14	16	15	9	1.7	32	3.0	56
Circleville	0.92	4.5	5.3	13	15	8	12	14	1.3	19	5.3	80
Panguitch	0.53	4.1	5.6	6	18	13	24	33	2.4	41	2.4	41
Cave Valley	1.84	18.3	14.8	3	6	7	8	8	2.5	46	2.1	33
Vermillion	0.26	13.8	10.7	0	1	4	13	21	2.5	53	2.8	59
Spooky	0.02	5.8	7.0	1	2	2	7	2	0.0	0	0.0	2
NORTHERN MOUNTAINS												
Chicken Ridge, sagebrush	0.03	11.4	7.0	16	18	23	25	31	6.4	89	6.5	90
Chicken Ridge, aspen	0.03	11.4	7.0	16	21	20	17	19	3.1	51	3.3	54
Buffalo Jump	0.38	12.6	7.3	15	23	21	25	bd	3.4	79	3.7	85
Morgan	0.04	19.5	12.7	22	22	29	31	20	6.5	79	7.1	85
UINTAH BASIN												
Mountain Home	0.26	5.8	6.2	7	15	19	21	27	4.9	83	3.2	55
Little Red Fox	0.01	5.2	5.6	7	20	23	29	33	3.0	42	3.3	46
Split Mountain	0.05	5.9	6.7	5	16	12	13	16	1.6	23	2.0	29
SOUTHEAST												
Price	0.06	5.8	5.9	0	13	20	21	27	4.3	56	2.9	37
Green River	0.37	4.1	4.7	13	9	10	7	8	0.6	10	0.8	15
Harm's Way	0.28	5.4	11.5	7	14	15	16	6	1.9	38	4.5	88
West Summit	0.29	4.0	7.3	nd	nd	nd	nd	nd	nd	nd	5.2	82
Eastland	0.21	5.0	7.1	10	11	16	31	33	5.3	89	6.1	103
Alkali Mesa	0.32	6.5	8.5	9	9	17	20	17	1.1	23	1.8	36
McCracken Mesa	0.32	5.8	8.9	20	21	20	24	18	4.6	125	3.9	106
¹ from: 10/01/2016 to present ² from: 10/01/15 to 05/14/16 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 = between WP & FC; ideal = above field capacity (FC); too wet								
**plant available water in the top 40" of soil nd = missing data												
*AWC = available water capacity in the top 40" of soil												