

Soil Moisture - Utah Soil Climate Analysis Network - Sep-30-2016

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 %								
WESTERN												
Grouse Creek	1.06	14.5	14.1	13	22	23	15	15	3.0	44	1.7	25
Park Valley	0.73	12.1	11.2	10	14	18	na	na				
Goshute	1.21	13.0	8.9	na	na	na	na	na				
Dugway	1.69	8.0	8.5	na	na	na	na	na				
Tule Valley	0.02	7.9	5.4	11	6	14	6	8	1.6	25	3.9	62
Hal's Canyon	0.13	6.3	5.7	1	0	8	11	10	0.8	15	0.9	17
Enterprise	0.00	8.1	10.6	4	21	21	13	10	0.7	17	0.6	16
DIXIE												
Sand Hollow	0.04	11.8	7.0	5	5	6	1	0	0.9	39	0.4	18
NORTH CENTRAL												
Blue Creek	1.15	15.7	16.0	25	27	35	20	17	3.0	59	2.2	42
Cache Junction	1.58	20.5	21.3	31	31	41	36	39	4.4	110	3.5	89
Grantsville	0.27	10.4	11.5	8	13	19	na	na				
SOUTH CENTRAL												
Nephi	0.40	11.9	11.3	22	23	12	7	7	1.0	22	0.6	13
Ephraim	0.19	10.2	10.3	24	22	34	28	38				
Holden	0.23	10.3	6.5	8	10	11	11	12	0.3	5	0.3	5
Milford	0.01	7.6	8.2	9	16	17	28	18	1.5	23	1.5	22
Manderfield	0.04	9.4	10.1	27	23	13	11	6	1.2	23	0.5	10
Circleville	0.12	10.6	7.9	18	26	10	11	15	1.7	26	1.0	15
Panguitch	0.20	10.8	10.5	8	18	13	20	37	2.1	37	2.4	41
Cave Valley	0.32	21.6	16.0	5	8	8	0	7	1.5	27	0.8	13
Vermillion	0.38	17.0	16.1	5	10	10	14	9	2.2	46	0.1	3
Spooky	0.42	10.3	10.5	8	7	2	5	2	0.3	12	0.0	0
NORTHERN MOUNTAINS												
Chicken Ridge, sagebrush	1.14	13.3	17.6	16	19	23	11	10	2.0	27	1.6	22
Chicken Ridge, aspen	1.14	13.3	17.6	13	17	14	3	4	0.6	10	0.1	1
Buffalo Jump	0.36	12.3	13.7	15	17	7	8	bd	0.4	10	0.1	2
Morgan	0.53	16.4	18.3	23	20	25	28	21	5.6	67	6.6	79
UNTAHBASIN												
Mountain Home	0.34	12.0	13.3	20	24	21	10	12	2.5	42	1.0	17
Little Red Fox	0.13	11.1	10.1	28	35	42	40	42	7.2	101	1.9	27
Split Mountain	0.31	13.9	8.5	22	31	29	26	12	5.4	80	1.3	19
SOUTHEAST												
Price	1.29	12.2	8.9	18	36	40	16	20	5.3	69	2.4	31
Green River	1.02	8.3	7.0	34	10	8	5	8	1.3	23	0.4	7
Harm's Way	0.53	15.8	14.7	18	12	12	14	5	1.7	33	1.3	26
West Summit	0.58	12.1	13.3	17	16	15	16	23	2.0	31	1.0	15
Eastland	0.57	12.4	17.0	8	10	11	23	21	2.4	40	2.3	39
Alkali Mesa	0.88	17.9	15.0	15	7	15	16	17	0.4	9	0.4	8
McCracken Mesa	0.35	13.4	12.4	24	11	15	16	14	2.4	66	1.7	47
¹ from: 10/01/2015 to present ² from: 10/01/14 to 09/30/15 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									What the colors mean:			
										= below wilting point (WP); too dry		
										= between WP & FC; ideal		
										= above field capacity (FC); too wet		