Colorado Climate Center – WATF Climate Update

Becky Bolinger

Water Availability Task Force January 18, 2018



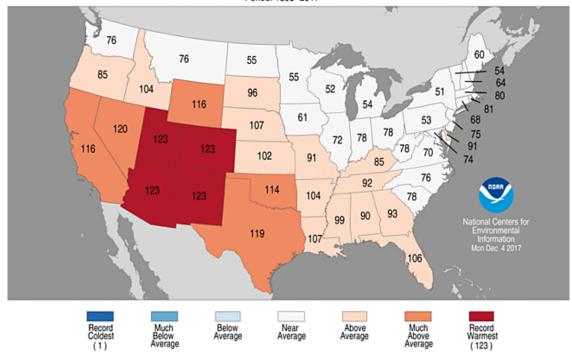






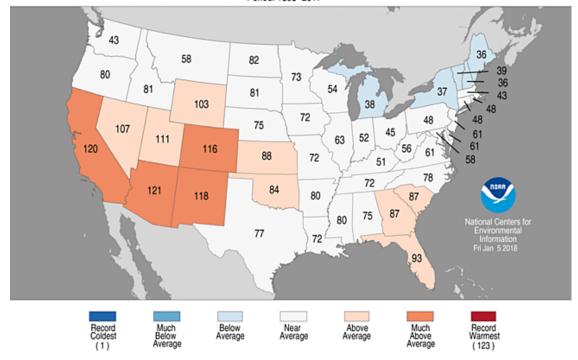
Statewide Average Temperature Ranks November 2017

Period: 1895-2017

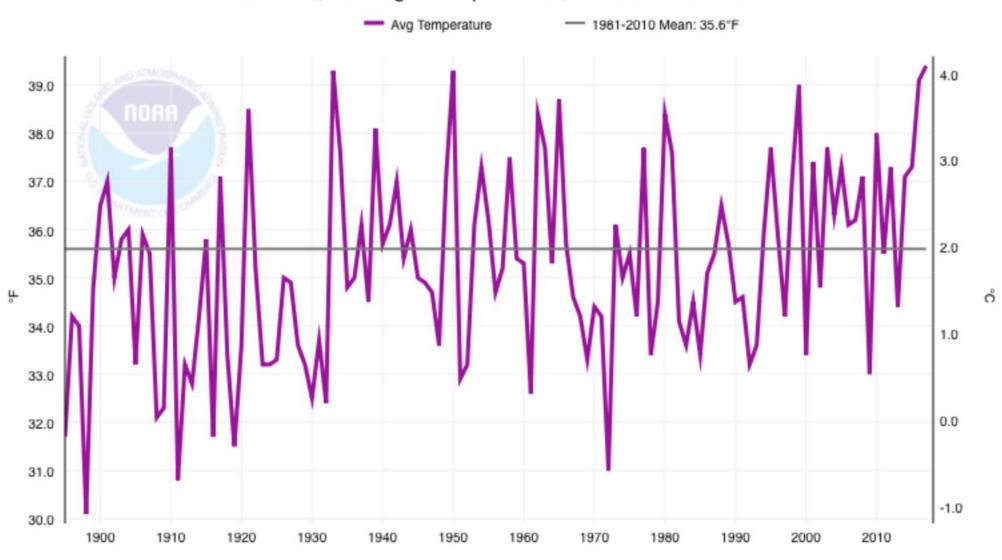


Statewide Average Temperature Ranks December 2017

Period: 1895-2017



Colorado, Average Temperature, October-December

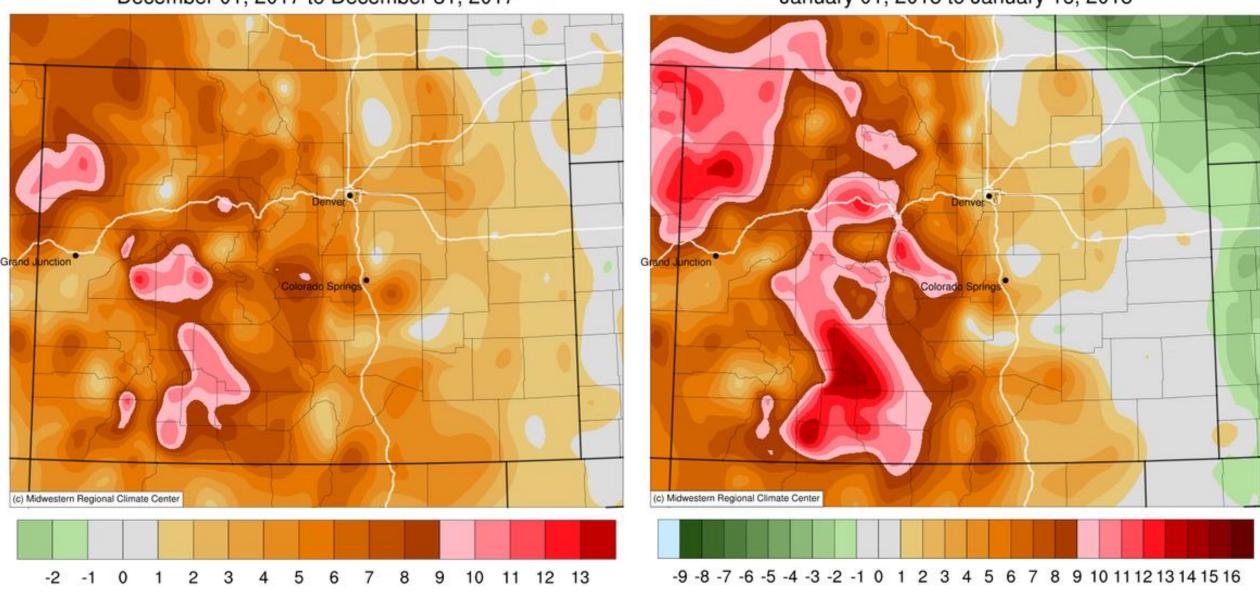




Average Temperature (°F): Departure from 1981-2010 Normals Average Temperature (°F): Departure from 1981-2010 Normals

December 01, 2017 to December 31, 2017

January 01, 2018 to January 16, 2018







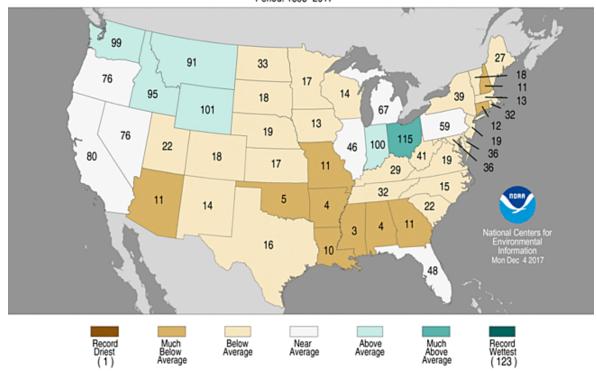






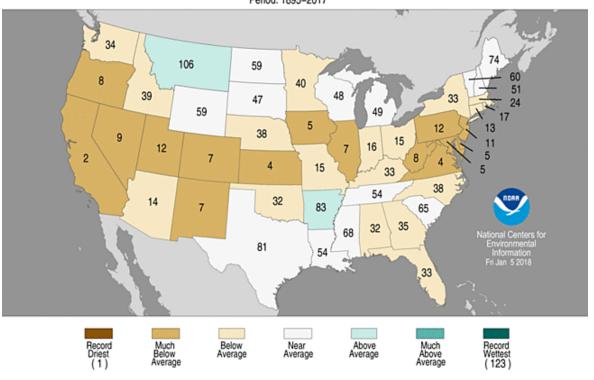
Statewide Precipitation Ranks November 2017

Period: 1895-2017

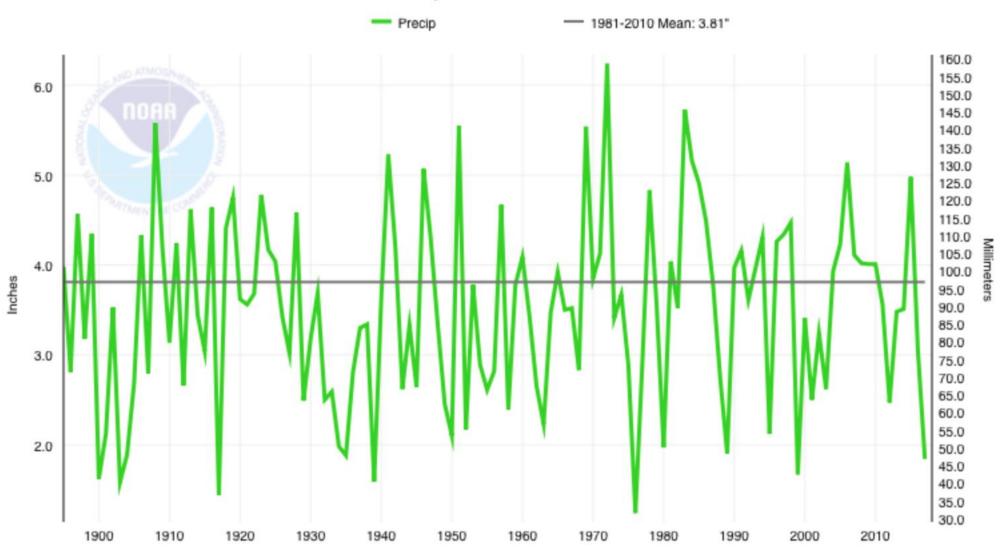


Statewide Precipitation Ranks December 2017

Period: 1895-2017

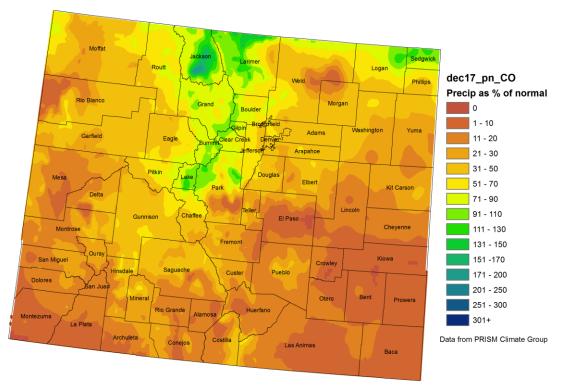


Colorado, Precipitation, October-December

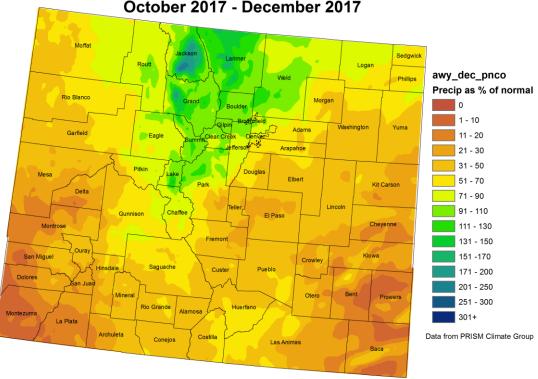




Colorado December 2017 Precipitation as a Percentage of Normal

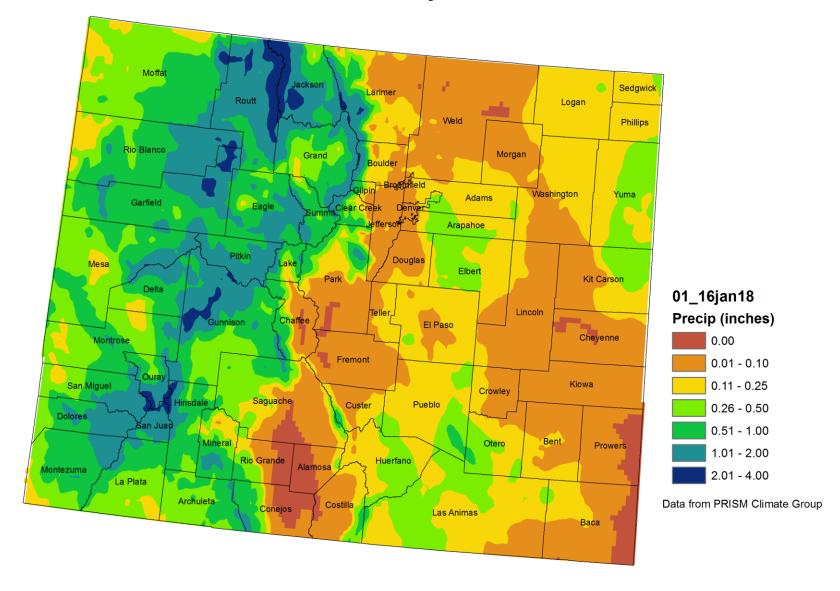


Colorado Water Year 2018 Precipitation as a Percentage of Normal October 2017 - December 2017



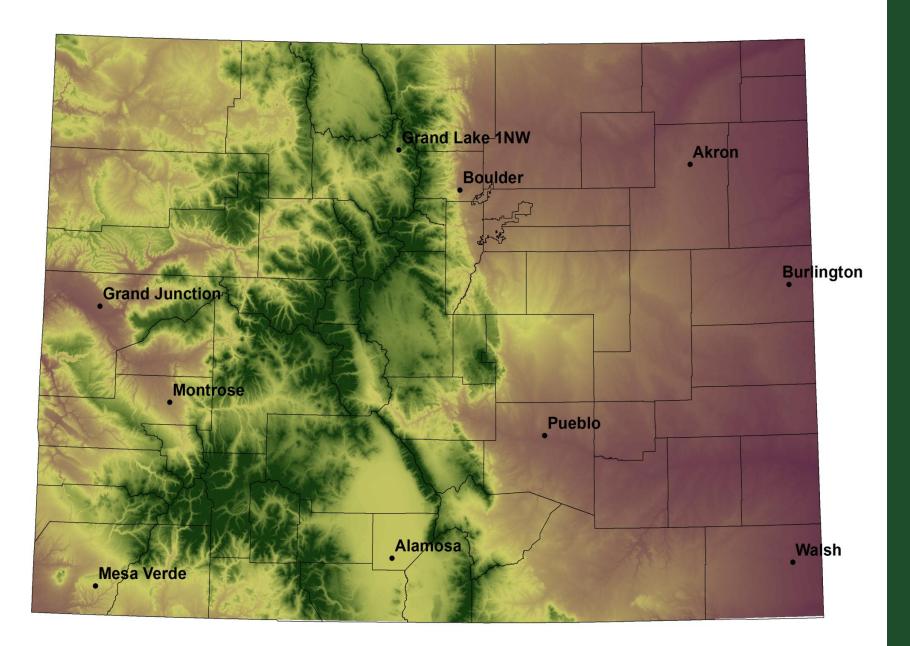


Colorado Month to Date Precipitation 1 - 16 January 2018



NWS Cooperative Stations for WATF

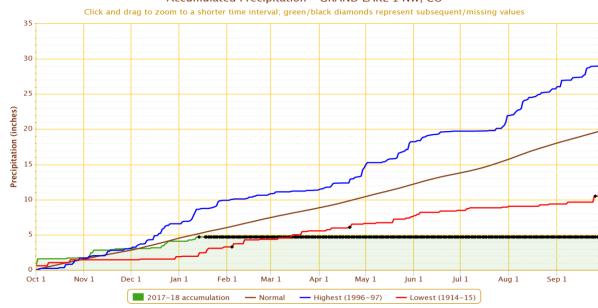




Water Year 2018 – Station Updates

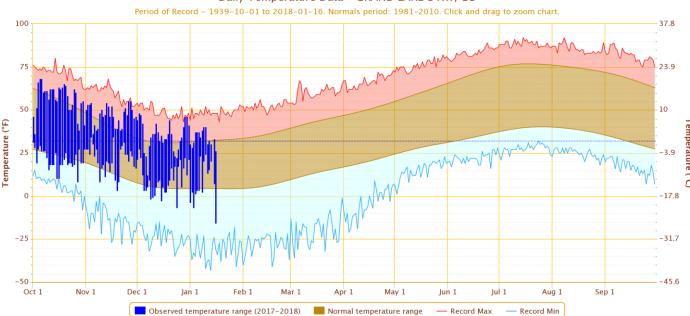


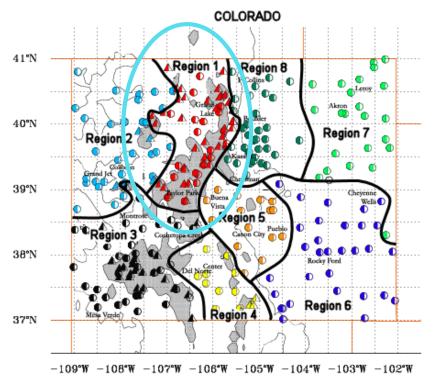
Accumulated Precipitation - GRAND LAKE 1 NW, CO



Powered by ACIS

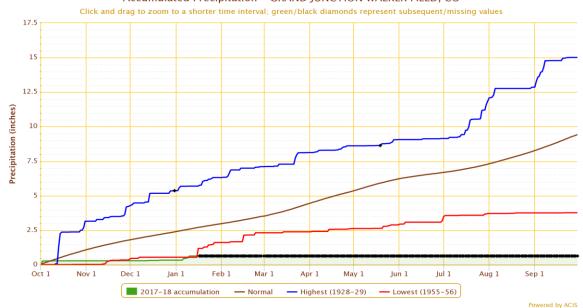
Daily Temperature Data - GRAND LAKE 1 NW, CO



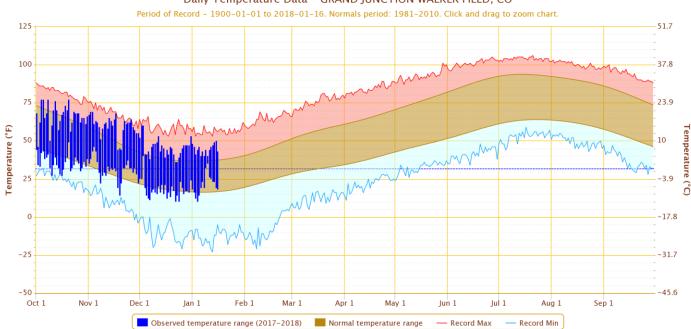


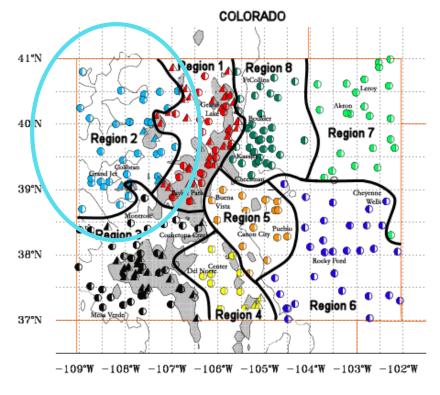


Accumulated Precipitation - GRAND JUNCTION WALKER FIELD, CO



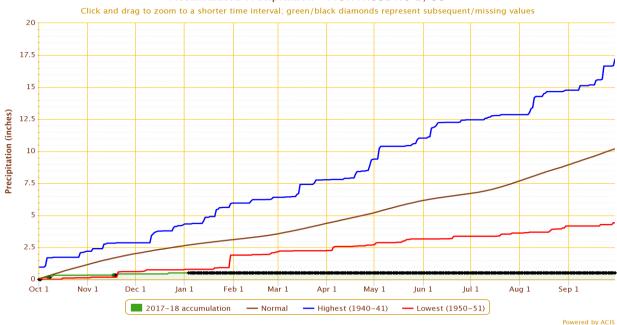
Daily Temperature Data - GRAND JUNCTION WALKER FIELD, CO



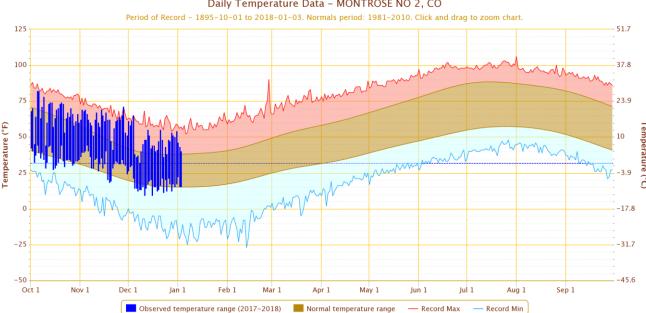


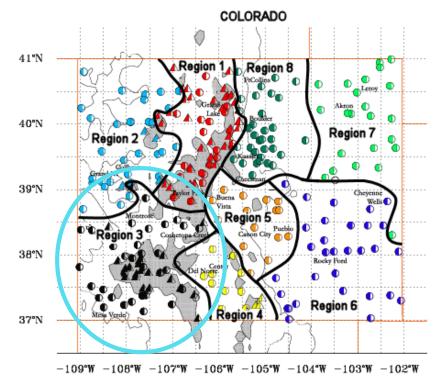


Accumulated Precipitation - MONTROSE NO 2, CO



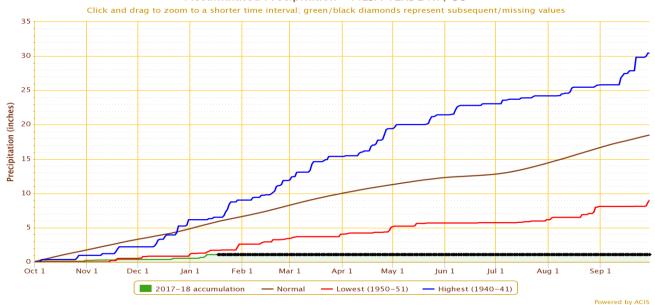
Daily Temperature Data - MONTROSE NO 2, CO



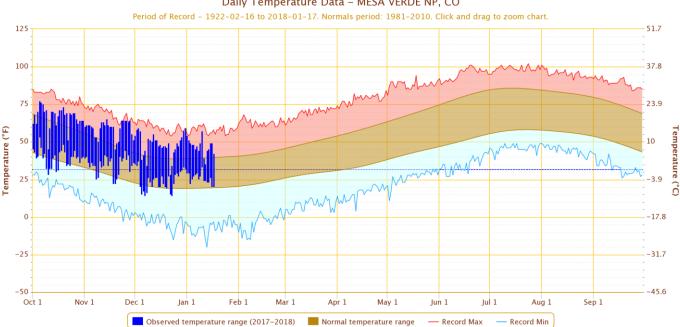


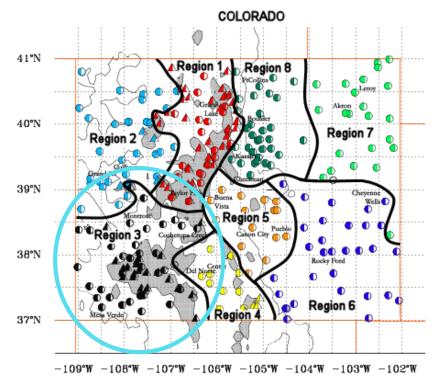


Accumulated Precipitation - MESA VERDE NP, CO



Daily Temperature Data - MESA VERDE NP, CO

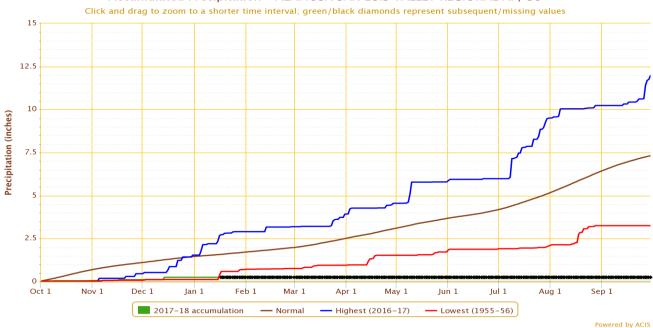


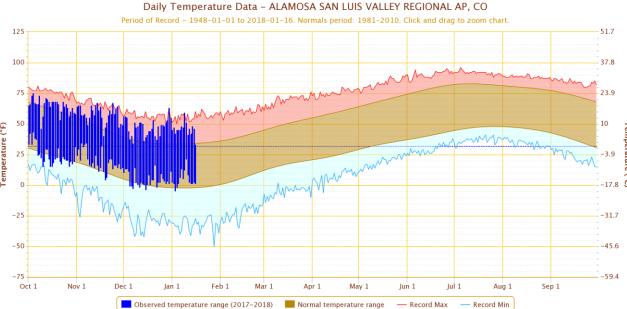


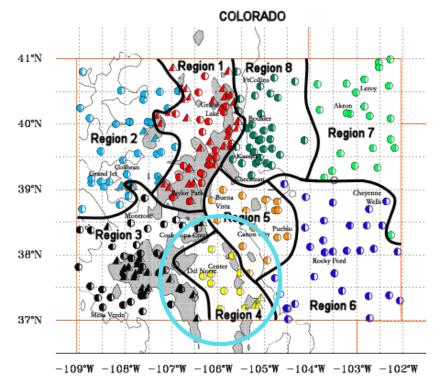




Accumulated Precipitation - ALAMOSA SAN LUIS VALLEY REGIONAL AP, CO

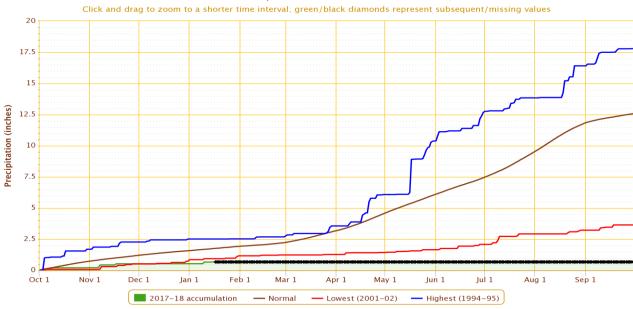




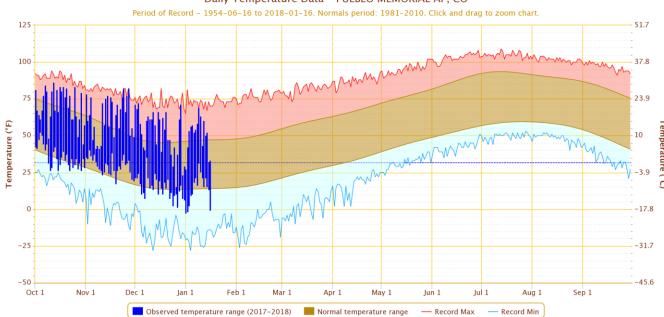


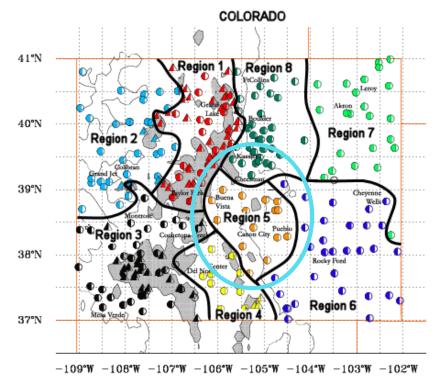


Accumulated Precipitation - PUEBLO MEMORIAL AP, CO



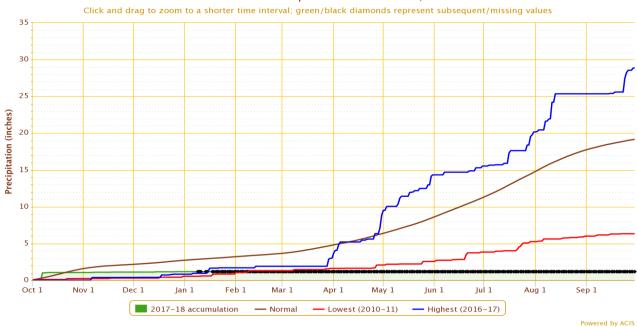
Daily Temperature Data - PUEBLO MEMORIAL AP, CO

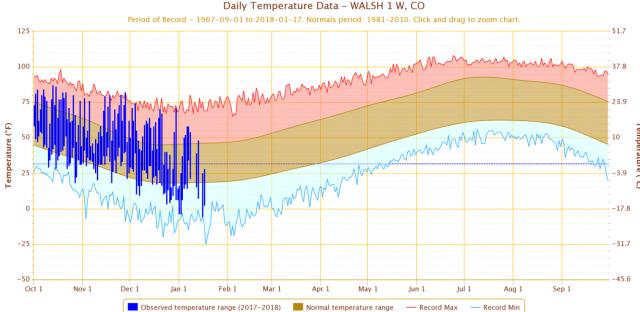


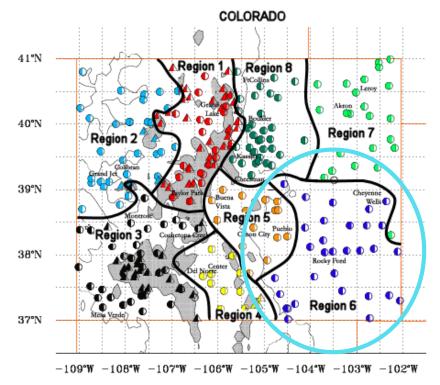




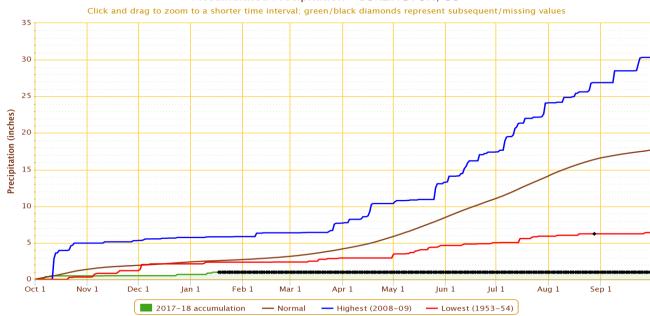
Accumulated Precipitation - WALSH 1 W, CO



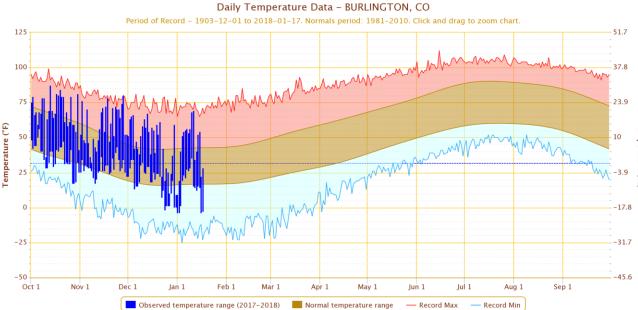


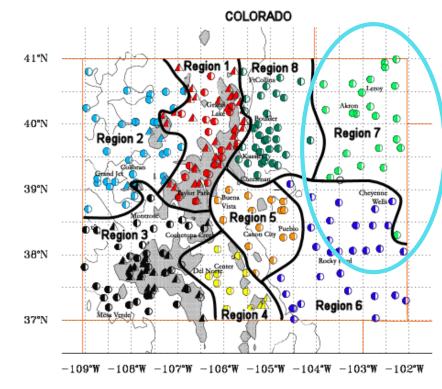


Accumulated Precipitation – BURLINGTON, CO



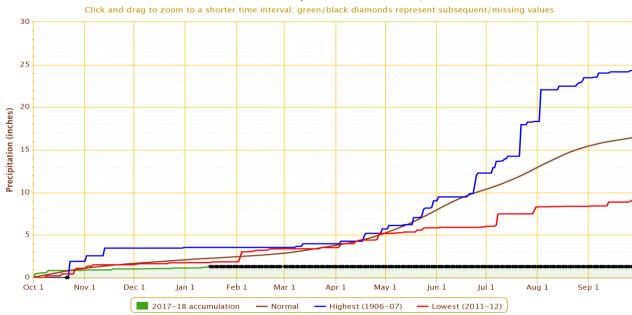
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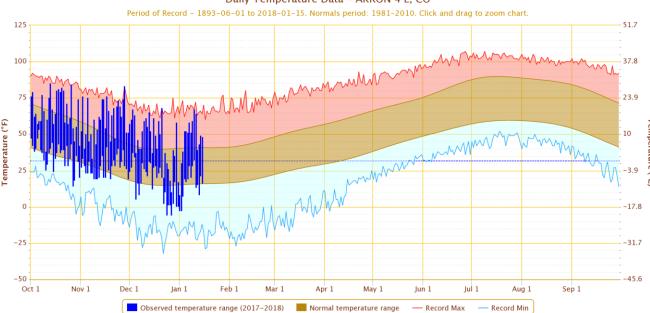


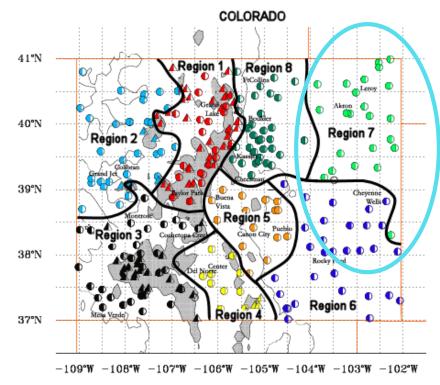
Accumulated Precipitation - AKRON 4 E, CO



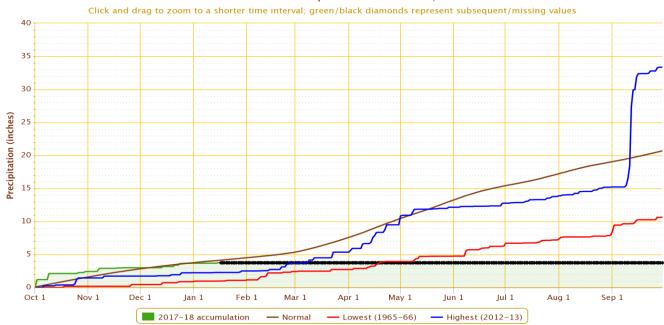
Daily Temperature Data - AKRON 4 E, CO

Powered by ACIS

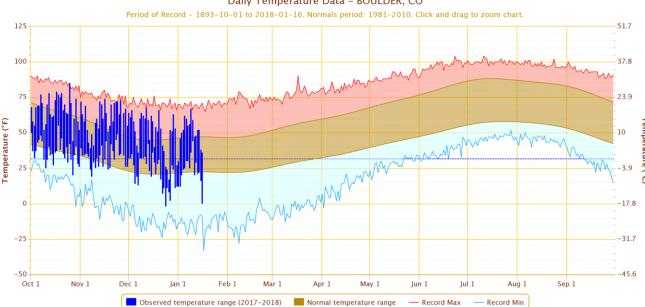


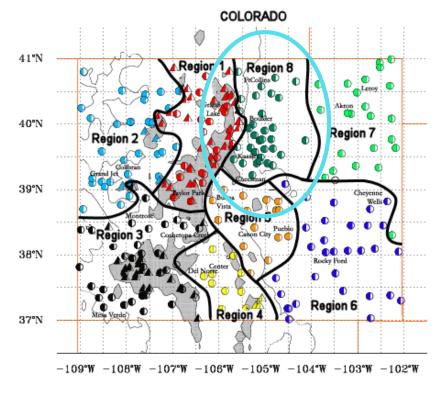


Accumulated Precipitation - BOULDER, CO



Daily Temperature Data - BOULDER, CO





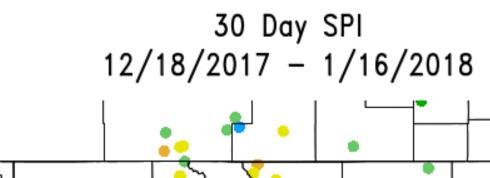


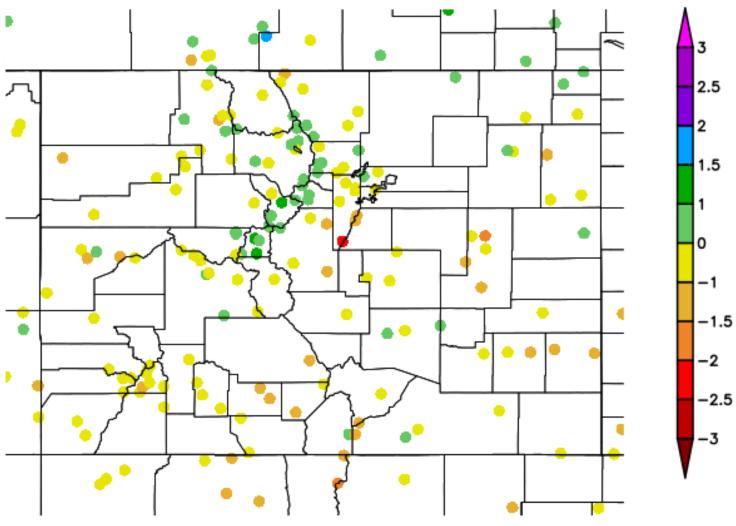


Colorado Drought



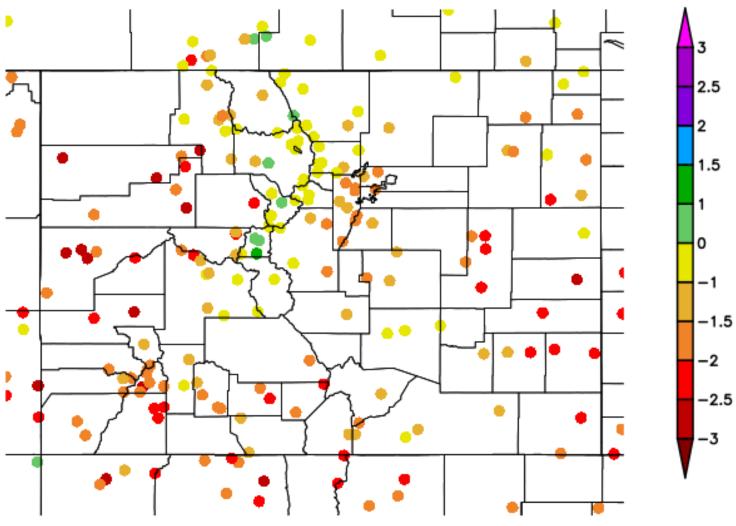






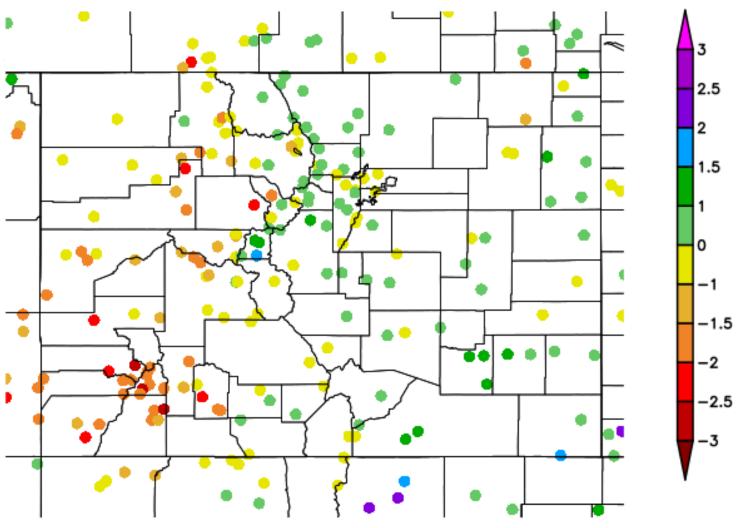






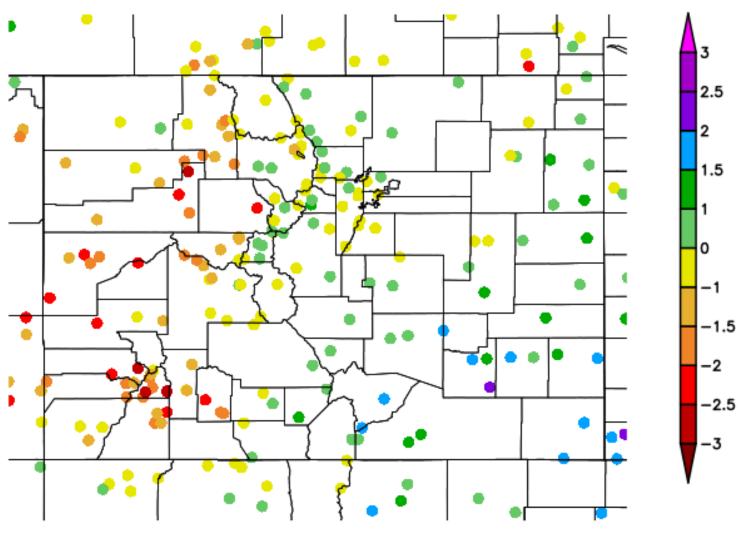




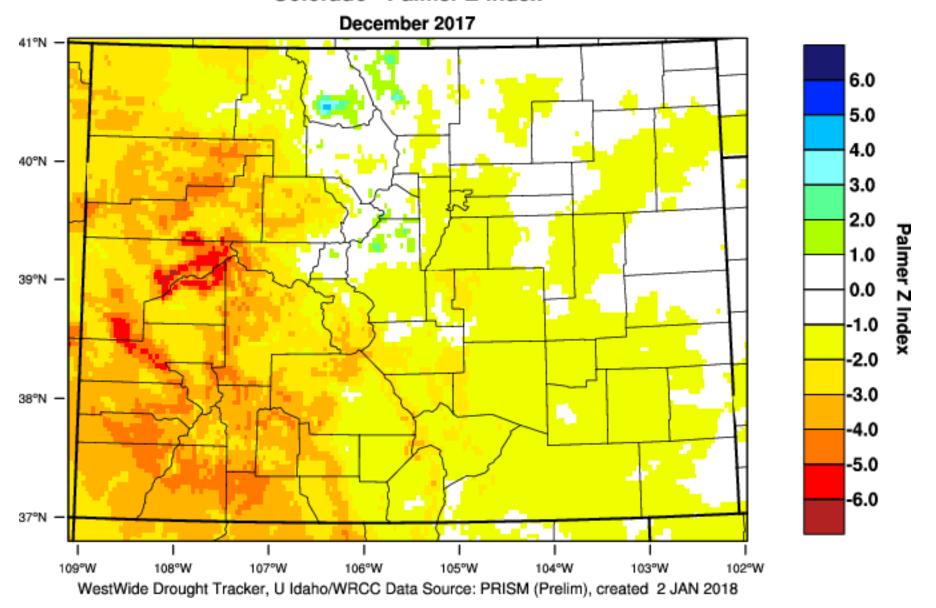






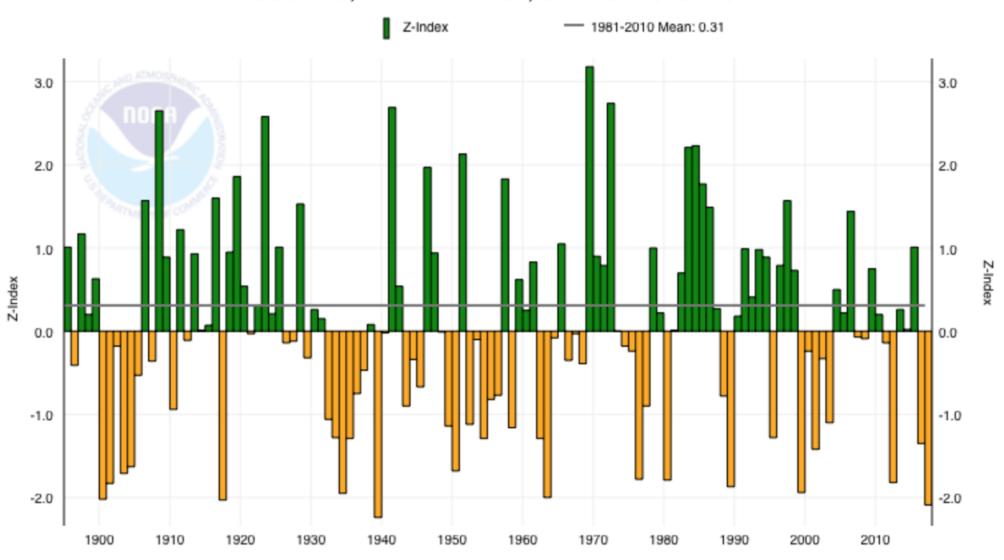


Colorado - Palmer Z-Index





Colorado, Palmer Z-Index, October-December



U.S. Drought Monitor Continental U.S. (CONUS)

January 16, 2018

(Released Thursday, Jan. 18, 2018)
Valid 7 a.m. EST

Drought Conditions (Percent Area)

		None	D0-D4	D1-D4	D2-D4	D3-D4	D4
	Current	39.07	60.93	33.04	10.03	0.64	0.00
	Last Week 01-09-2018	42.20	57.80	32.07	8.70	0.46	0.00
	3 Month's Ago 10-17-2017	62.25	37.75	12.48	2.98	0.82	0.00
	Start of Calendar Year 01-02-2018	44.46	55.54	27.70	7.46	0.83	0.00
	Start of Water Year 09-26-2017	63.07	36.93	13.81	4.99	2.36	0.87
	One Year Ago 01-17-2017	60.50	39.50	19.26	6.77	2.39	0.11

Intensity:

D0 Abnormally Dry
D1 Moderate Drought
D2 Severe Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

Author:

Brian Fuchs
National Drought Mitigation Center







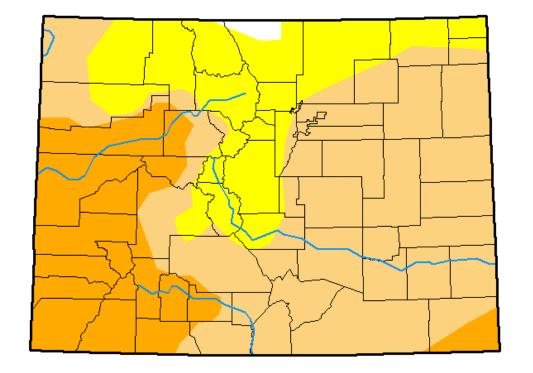


http://droughtmonitor.unl.edu/



U.S. Drought Monitor

Colorado



January 16, 2018

(Released Thursday, Jan. 18, 2018)
Valid 7 a.m. EST

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	0.59	99.41	75.90	23.23	0.00	0.00
Last Week 01-09-2018	0.59	99.41	75.90	22.02	0.00	0.00
3 Month's Ago 10-17-2017	71.71	28.29	1.12	0.00	0.00	0.00
Start of Calendar Year 01-02-2018	6.57	93.43	33.53	7.27	0.00	0.00
Start of Water Year 09-26-2017	67.63	32.37	3.72	0.00	0.00	0.00
One Year Ago 01-17-2017	44.17	55.83	35.34	0.75	0.00	0.00

Intensity:

D0 Abnormally Dry
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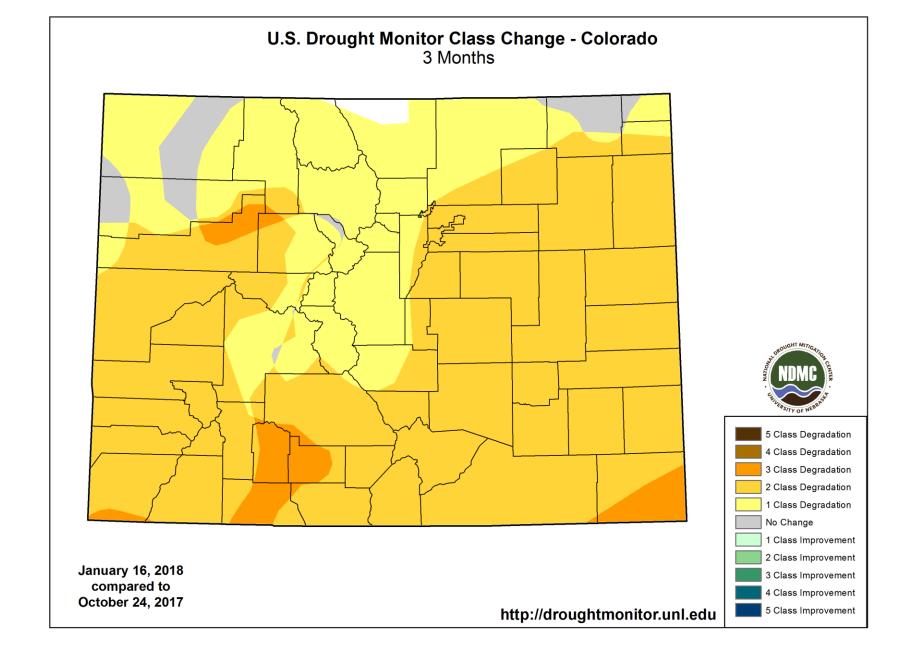


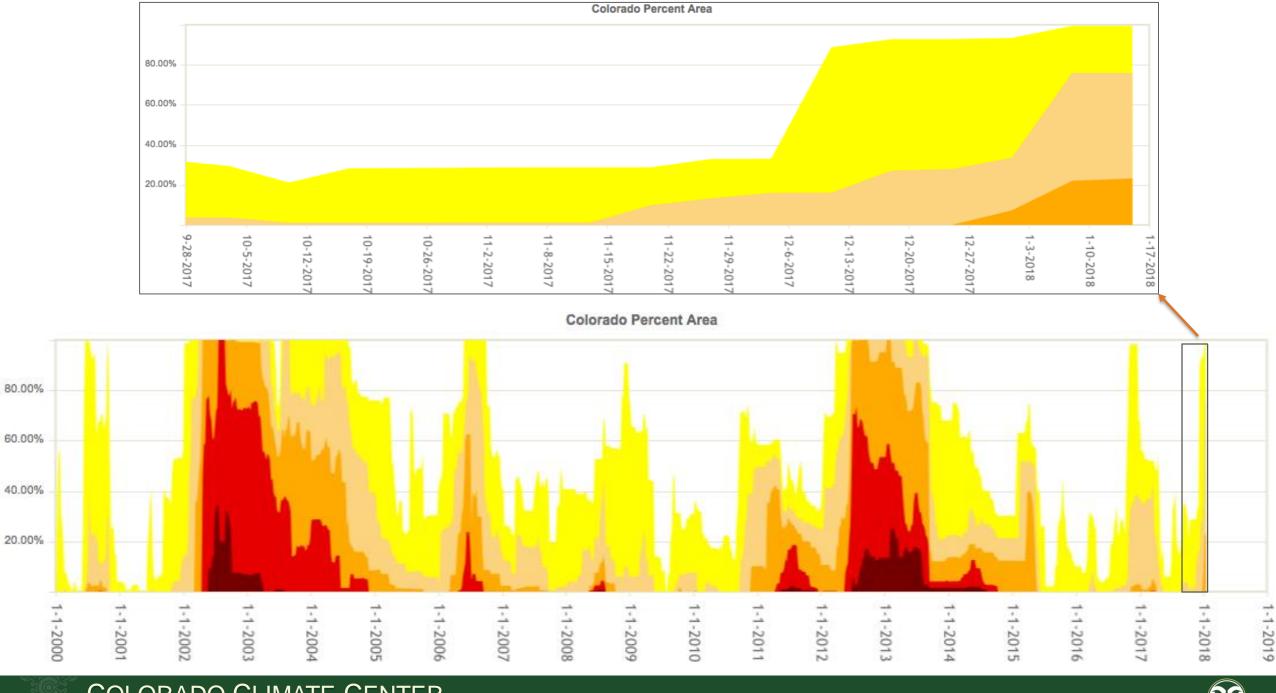




http://droughtmonitor.unl.edu/







Becky.Bolinger@colostate.edu

To view this and other presentations: http://climate.colostate.edu/ccc_archive.html

Thank you

