

# Federal Approaches to Public Engagement with Science

## CoCoRaHS Data Explorer (Dex)



Colorado State University

# Thank you



## NOAA Office of Education



# CoCoRaHS Data Explorer

Lots to explore!

CoCoRaHS Data Explorer [Search Station](#) [About](#) [Roadmap](#) [Feedback](#)

Viewing Station: CO-LR-273 : FCL 2.2 NW Jun 11, 1998 - Feb 18, 2024 9,554 Total Observations

[Station Overview](#) [Climatology](#) [Precip Summary](#) [Year-Over-Year](#) [Precip Calendar](#) [Precip Distribution](#) [Obs Calendar](#) [Obs Tables](#)

**Station Overview** [i](#) [Graduation Cap](#)

Recent Precip Accumulations [Go to Precip Summary](#)

Today: NA Obs Missing Month-To-Date: 1.85" 10 of 20 days covered by obs Year-To-Date: 2.19" 33 of 51 days covered by obs

Station Activity

Period of Record: Jun 11, 1998 - Feb 18, 2024

Observation Counts:

Daily Precip: 9,085	Multi-day Precip: 1
Condition Monitoring: 253	Significant Weather: 147
Hail: 68	Total Obs: 9,554

Duration of Record: 25 years 8 months 7 days

Pct of Days covered by Precip Obs: 96%

Recent Precip [Go to Precip Calendar](#)

January 2024 - February 2024

SU	MO	TU	WE	TH	FR	SA	SU	MO	TU	WE	TH	FR	SA
1	2	3	4	5	6		1	2	3				
7	8	9	10	11	12	13	4	5	6	7	8	9	10
14	15	16	17	18	19	20	11	12	13	14	15	16	17
21	22	23	24	25	26	27	18	19	20	21	22	23	24
28	29	30	31				25	26	27	28	29		

Legend: Gauge Catch

No Obs	0.01 - 0.09"
NA	0.10 - 0.24"
Zero	0.25 - 0.99"
Trace	1.00 - 1.99"
Multiday Obs	2.00 - 3.99"
Overlapping Obs	4.00 - 40.00"

Station Map

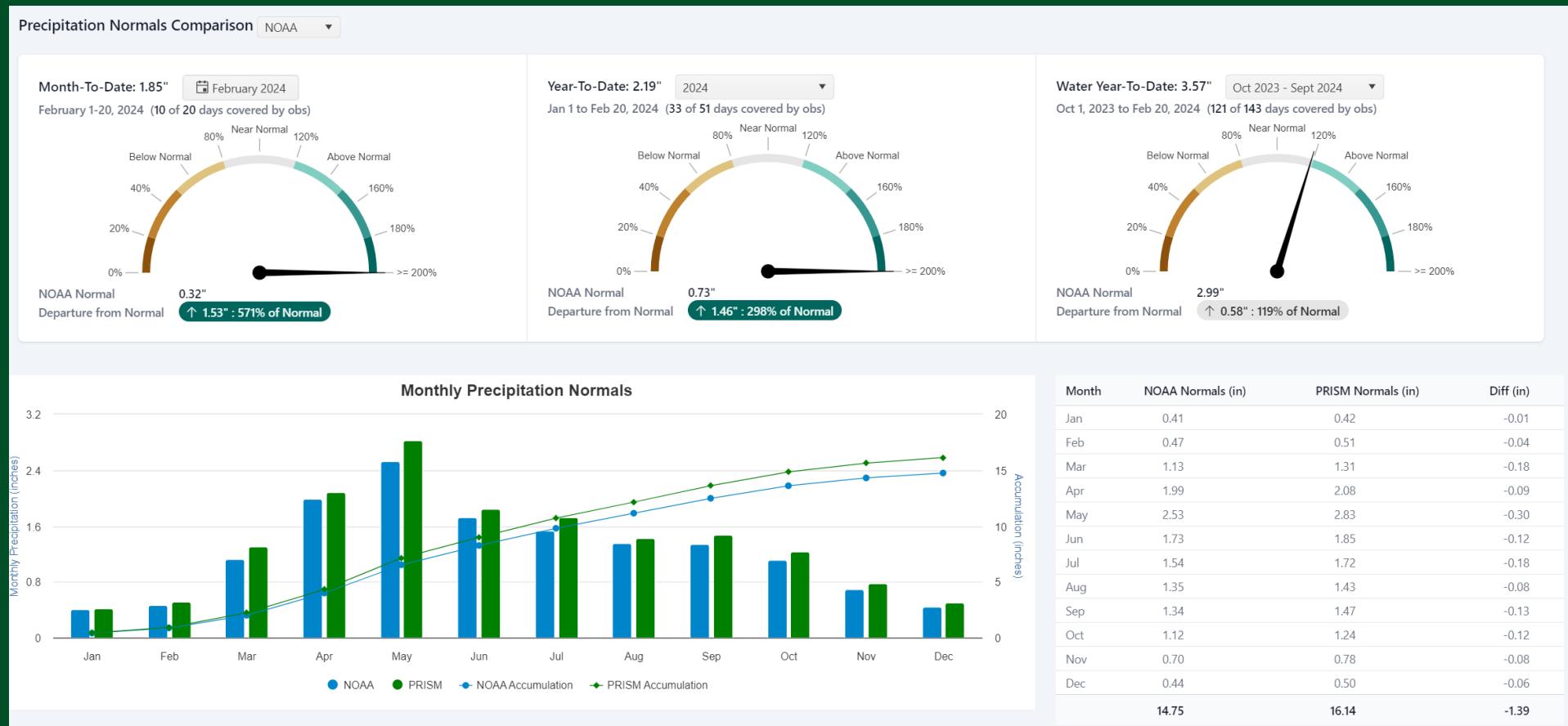
Station Information

Station Number	CO-LR-273
Station Name	FCL 2.2 NW
Creation Date	Oct 12, 2004
Country	USA
State	Colorado
County	Larimer
Longitude	-105.115094
Latitude	40.599849
Elevation	5,067 ft.
NWS CWA	Denver/Boulder (BOULC)

# CoCoRaHS Data Explorer

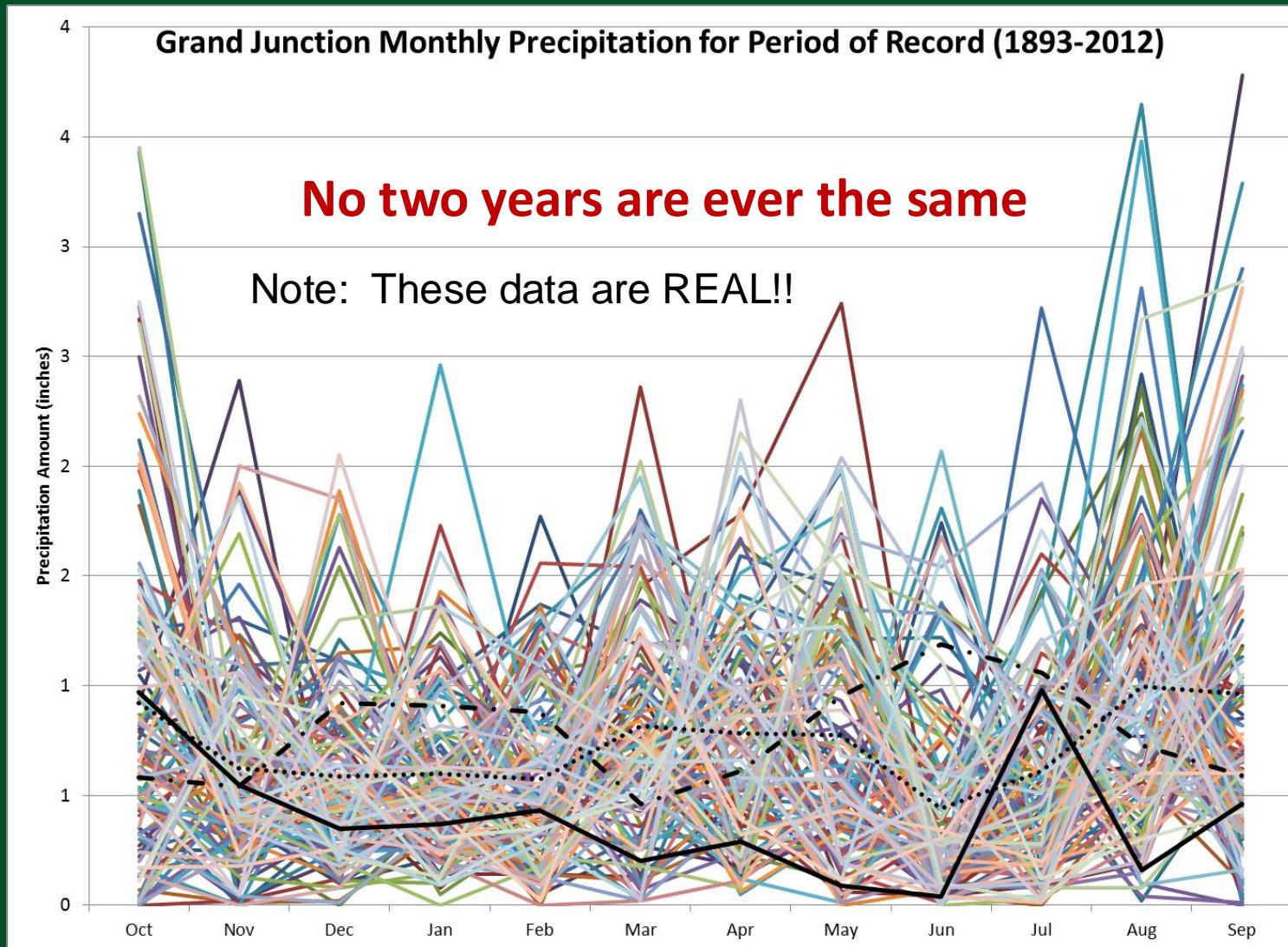
A tool for:

- Finding and viewing precipitation normals
- Comparing real data with these normals



# Reminder: weather is NOT climate

(trends in precipitation are not apparent)



# CoCoRaHS Data Explorer

Getting Started: <https://dex.cocorahs.org/>

CoCoRaHS Data Explorer [Search Stations](#) [About](#) [Roadmap](#) [Feedback](#)

Station History Search [i](#) [Graduation Cap](#)

Viewing 1 - 50 of 97,937 Stations

1 2 3 4 5 50 items per page 1 - 50 of 97937 items

Station N...	Station Name	Creation Date	First Obs Date	Last Obs Date	Days of Activity	% of Days Covered by Precip Obs	Daily Obs Count	Multiday Obs Count	Days Covered by Multiday Obs	Days Covered by Precip Obs	CM C Cour
<a href="#">+ AL-AT-1</a>	Clanton 13.4 SE	10/17/2007	11/5/2007	11/10/2007	6	100	6			6	0
<a href="#">+ AL-AT-2</a>	Prattville 1.1 NNE	10/17/2007	7/3/2000	10/6/2012	1,636	36	1,485	53	151	4,479	0
<a href="#">+ AL-AT-3</a>		11/14/2007			0						0
<a href="#">+ AL-AT-4</a>		11/14/2007			0						0
<a href="#">+ AL-AT-5</a>	Millbrook 3.7 NW	1/9/2008	1/9/2008	1/11/2008	2	66	2			3	0
<a href="#">+ AL-AT-6</a>	Prattville 15.1 WNW	3/11/2008	3/10/2008	3/10/2008	1	100	1			1	0
<a href="#">+ AL-AT-7</a>		4/14/2008			0						0
<a href="#">+ AL-AT-8</a>	Prattville 3.4 W	2/3/2009	2/3/2009	2/18/2009	3	18	3			16	0
<a href="#">+ AL-AT-10</a>	Prattville 5.9 WSW	3/1/2009	4/1/2009	12/12/2014	1,439	69	1,389	10	50	2,082	0
<a href="#">+ AL-AT-11</a>		3/9/2009			0						0
<a href="#">+ AL-AT-12</a>	Prattville 0.4 NE	3/23/2009	3/26/2009	3/11/2010	140	39	91	7	49	351	0
<a href="#">+ AL-AT-13</a>	Deatsville 3.4 NW	4/9/2009	4/17/2009	2/13/2024	2,908	53	2,315	161	593	5,416	2
<a href="#">+ AL-AT-14</a>	Prattville 2.7 WNW	9/16/2009	10/5/2009	12/9/2018	2,529	75	2,529			3,353	0
<a href="#">+ AL-AT-15</a>	Prattville 0.7 NW	10/27/2011	5/24/2012	5/24/2012	1	100	1			1	0
<a href="#">+ AL-AT-16</a>	Jones 6.2 ENE	12/22/2011			0						0
<a href="#">+ AL-AT-17</a>		2/12/2012	2/13/2012	2/13/2012	1	100	1			1	0
<a href="#">+ AL-AT-18</a>	Prattville 2.7 WNW	10/17/2013	10/17/2013	2/5/2014	23	20	20	1	3	112	0
<a href="#">+ AL-AT-19</a>		6/26/2020			0						0
<a href="#">+ AL-AT-20</a>		9/22/2020			0						0

Last Obs Date: [Shortcuts](#) [From](#) [To](#)

First Obs Date: [Shortcuts](#) [From](#) [To](#)

Creation Date:

# CoCoRaHS Data Explorer

Live Demonstration time!



# THANK YOU



For more information visit:  
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or contact: [noah@cocorahs.org](mailto:noah@cocorahs.org)