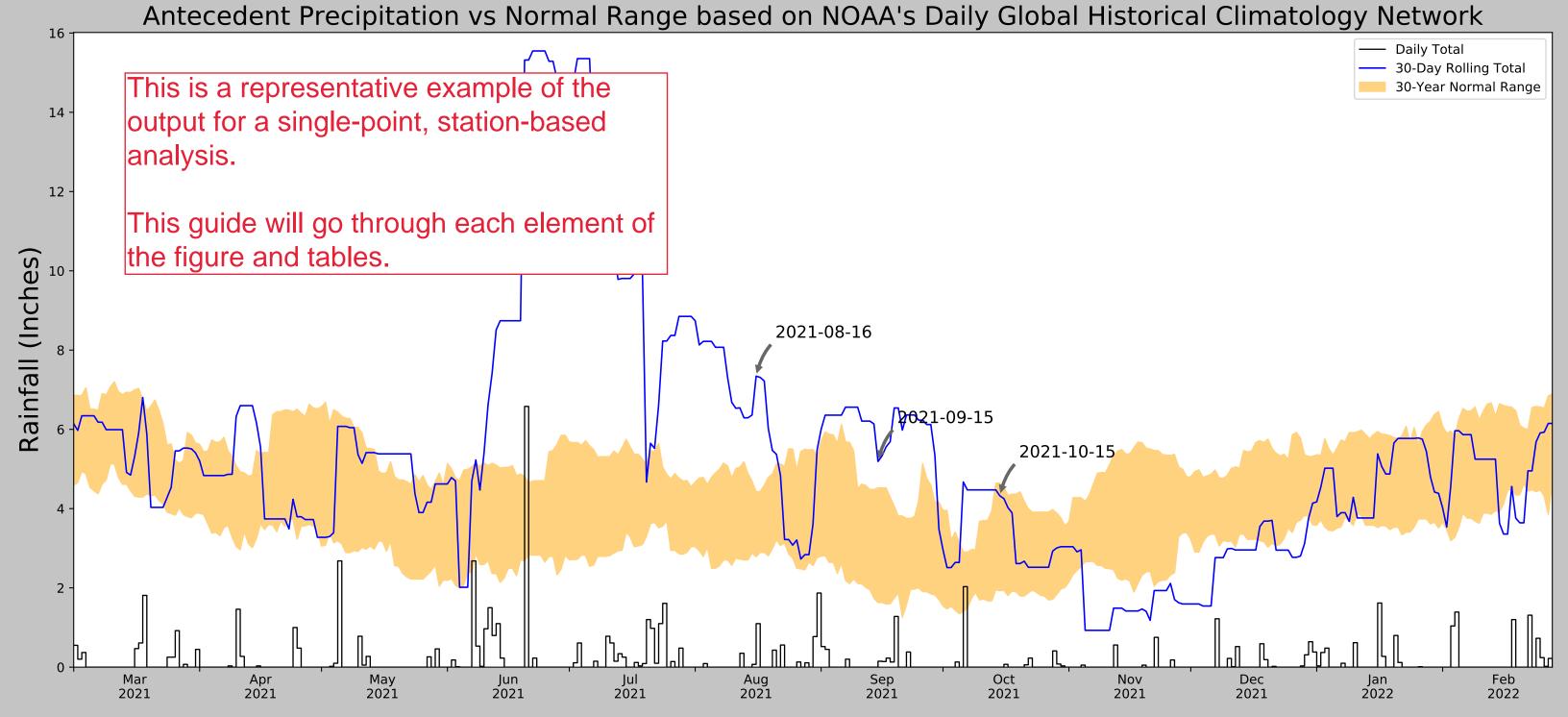
How to Read the Output of a Single-Point Analysis



Antecedent Precipitation Tool Version 2.0





Coordinates	33.2098, -87.5692
Observation Date	2021-10-15
Elevation (ft)	225.39
Drought Index (PDSI)	Extreme wetness
WebWIMP H ₂ O Balance	Wet Season

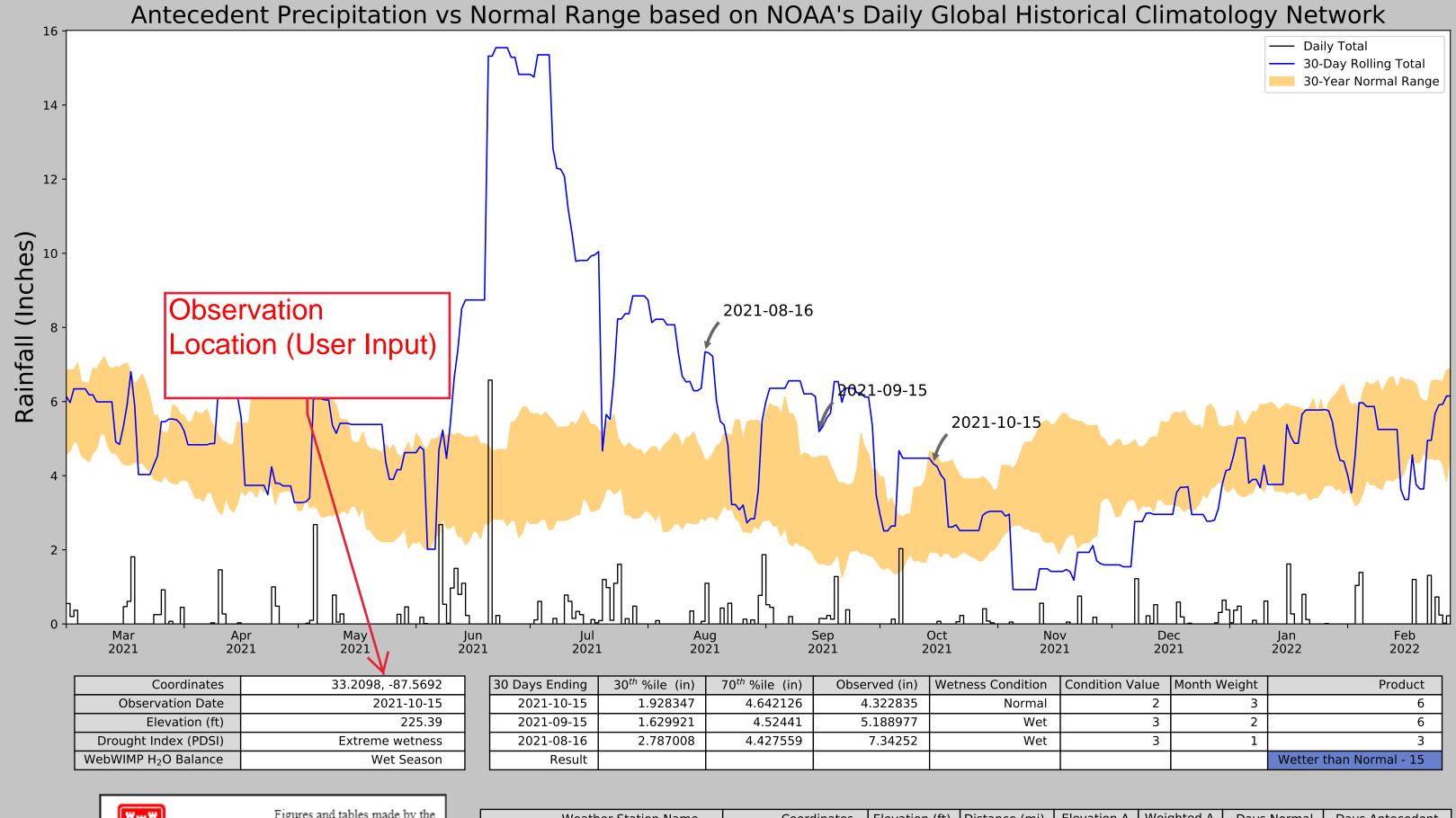
30 Days Ending	30 th %ile (in)	70 th %ile (in)	Observed (in)	Wetness Condition	Condition Value	Month Weight	Product
2021-10-15	1.928347	4.642126	4.322835	Normal	2	3	6
2021-09-15	1.629921	4.52441	5.188977	Wet	3	2	6
2021-08-16	2.787008	4.427559	7.34252	Wet	3	1	3
Result							Wetter than Normal - 15



SERD©

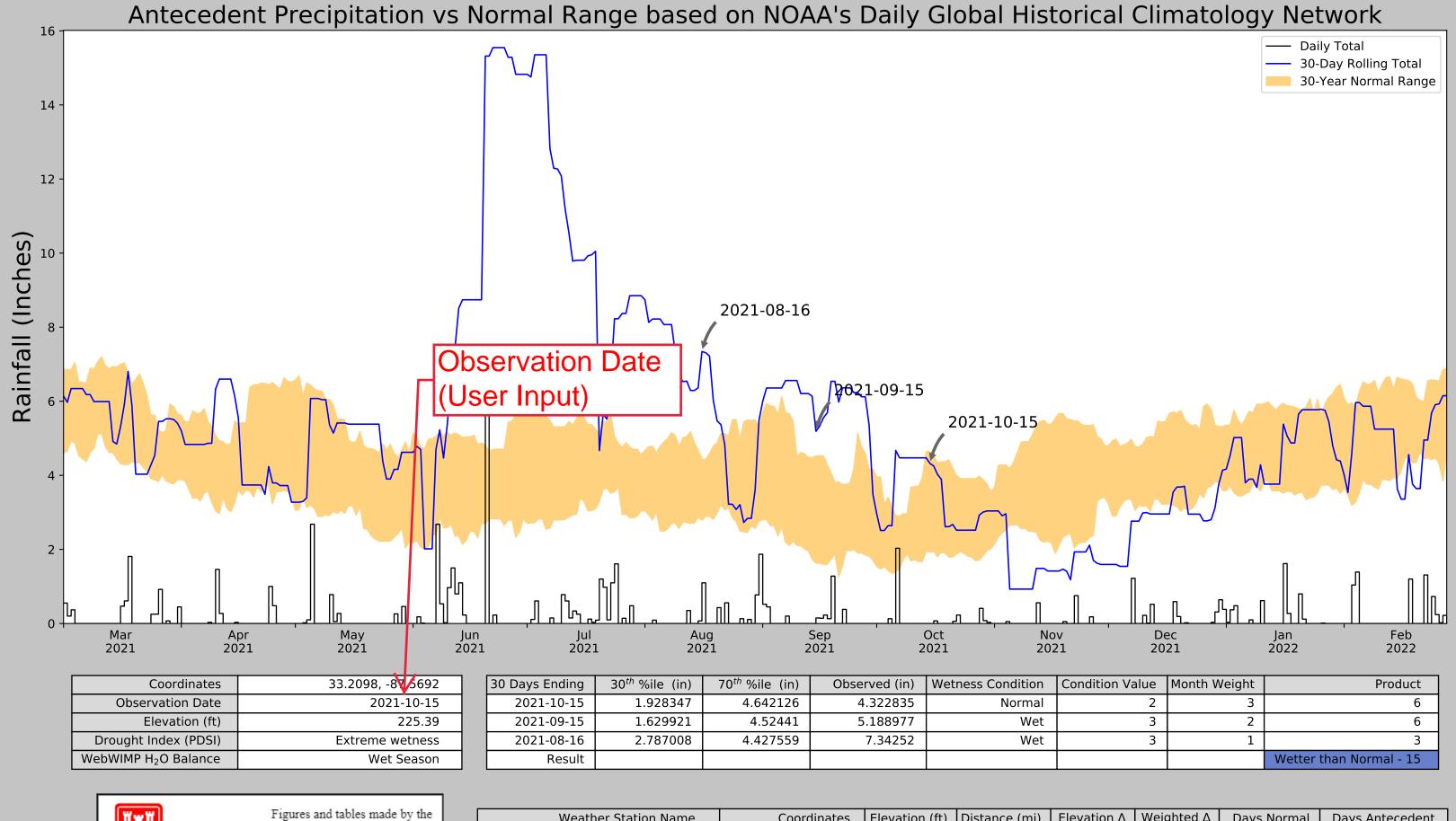
Figures and tables made by the Antecedent Precipitation Tool Version 2.0

Weather Station Name	Coordinates	Elevation (ft)	Distance (mi)	Elevation Δ	Weighted Δ	Days Normal	Days Antecedent
TUSCALOOSA OLIVER DAM	33.2097, -87.5936	151.903	1.411	73.487	0.738	11106	90
NORTHPORT 2 S	33.2125, -87.5914	149.934	0.232	1.969	0.105	124	0
TUSCALOOSA MUNI AP	33.2119, -87.6161	149.934	1.31	1.969	0.592	92	0
TUSCALOOSA ACFD	33.2119, -87.6161	168.963	1.31	17.06	0.612	1	0
HOLT L&D	33.2533, -87.45	194.882	8.829	42.979	4.353	30	0



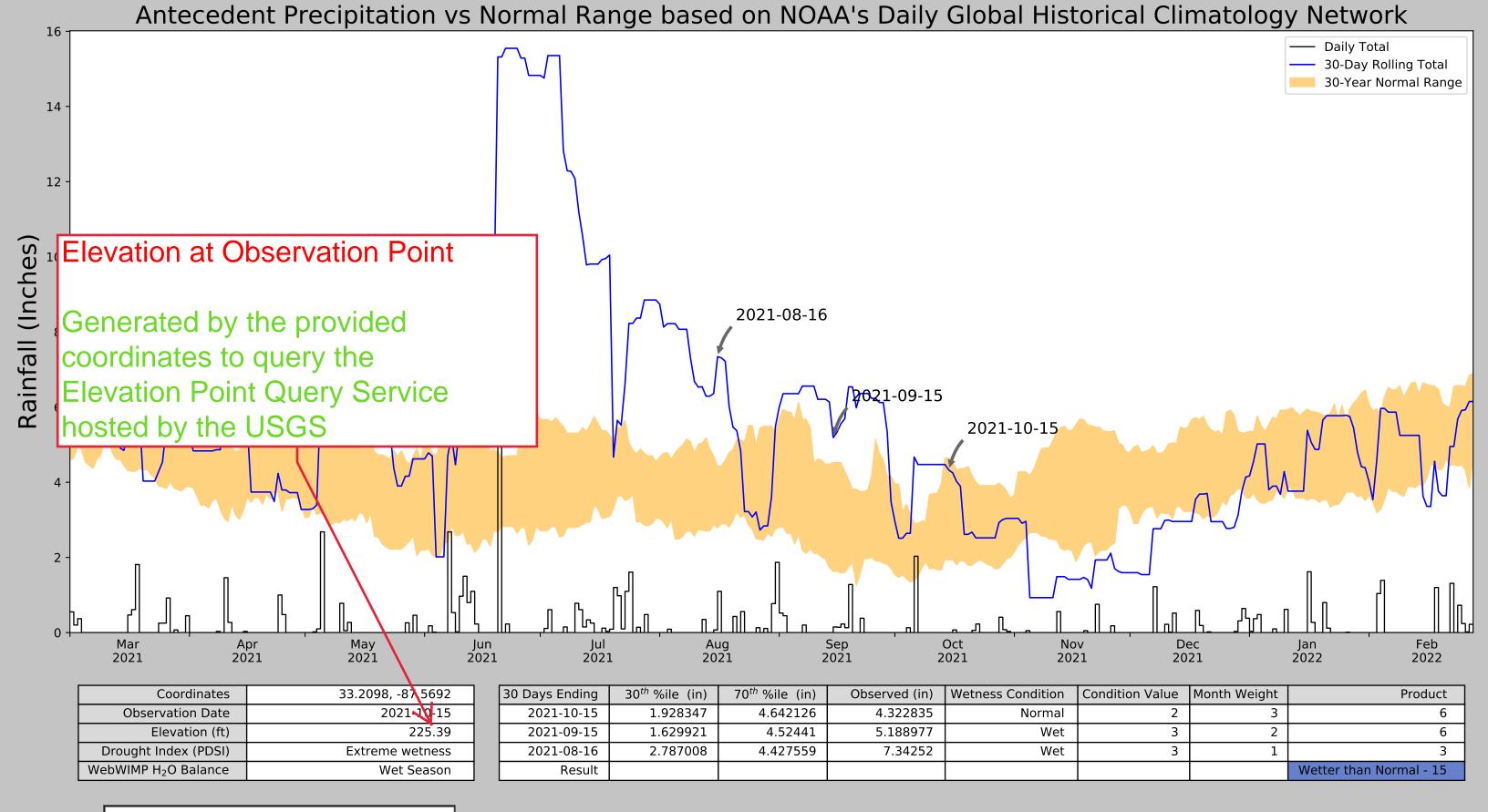


Weather Station Name	Coordinates	Elevation (ft)	Distance (mi)	Elevation Δ	Weighted Δ	Days Normal	Days Antecedent
TUSCALOOSA OLIVER DAM	33.2097, -87.5936	151.903	1.411	73.487	0.738	11106	90
NORTHPORT 2 S	33.2125, -87.5914	149.934	0.232	1.969	0.105	124	0
TUSCALOOSA MUNI AP	33.2119, -87.6161	149.934	1.31	1.969	0.592	92	0
TUSCALOOSA ACFD	33.2119, -87.6161	168.963	1.31	17.06	0.612	1	0
HOLT L&D	33.2533, -87.45	194.882	8.829	42.979	4.353	30	0



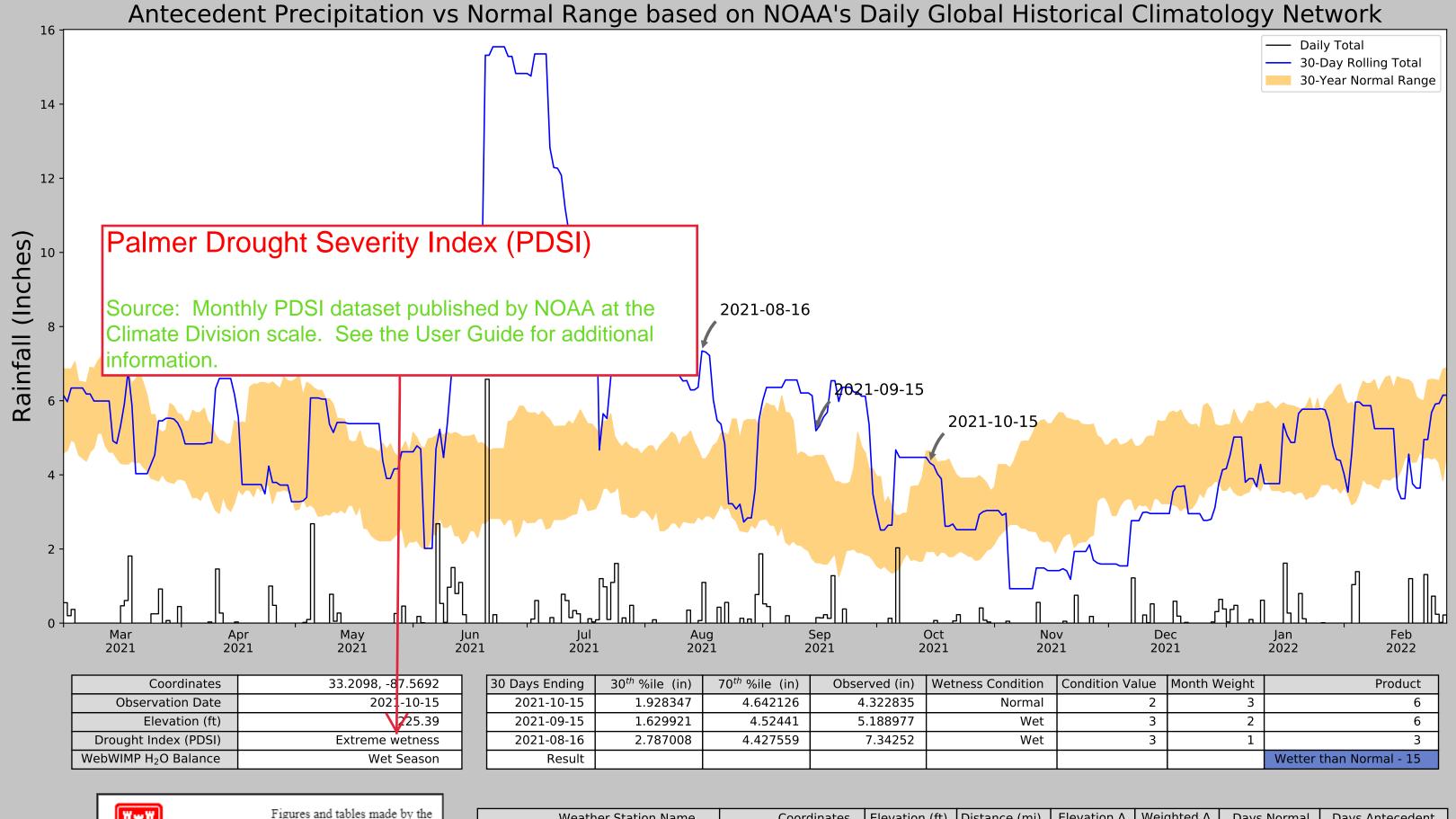


Weather Station Name	Coordinates	Elevation (ft)	Distance (mi)	Elevation Δ	Weighted Δ	Days Normal	Days Antecedent
TUSCALOOSA OLIVER DAM	33.2097, -87.5936	151.903	1.411	73.487	0.738	11106	90
NORTHPORT 2 S	33.2125, -87.5914	149.934	0.232	1.969	0.105	124	0
TUSCALOOSA MUNI AP	33.2119, -87.6161	149.934	1.31	1.969	0.592	92	0
TUSCALOOSA ACFD	33.2119, -87.6161	168.963	1.31	17.06	0.612	1	0
HOLT L&D	33.2533, -87.45	194.882	8.829	42.979	4.353	30	0



US Army Corps of Engineers	
SERDO	3

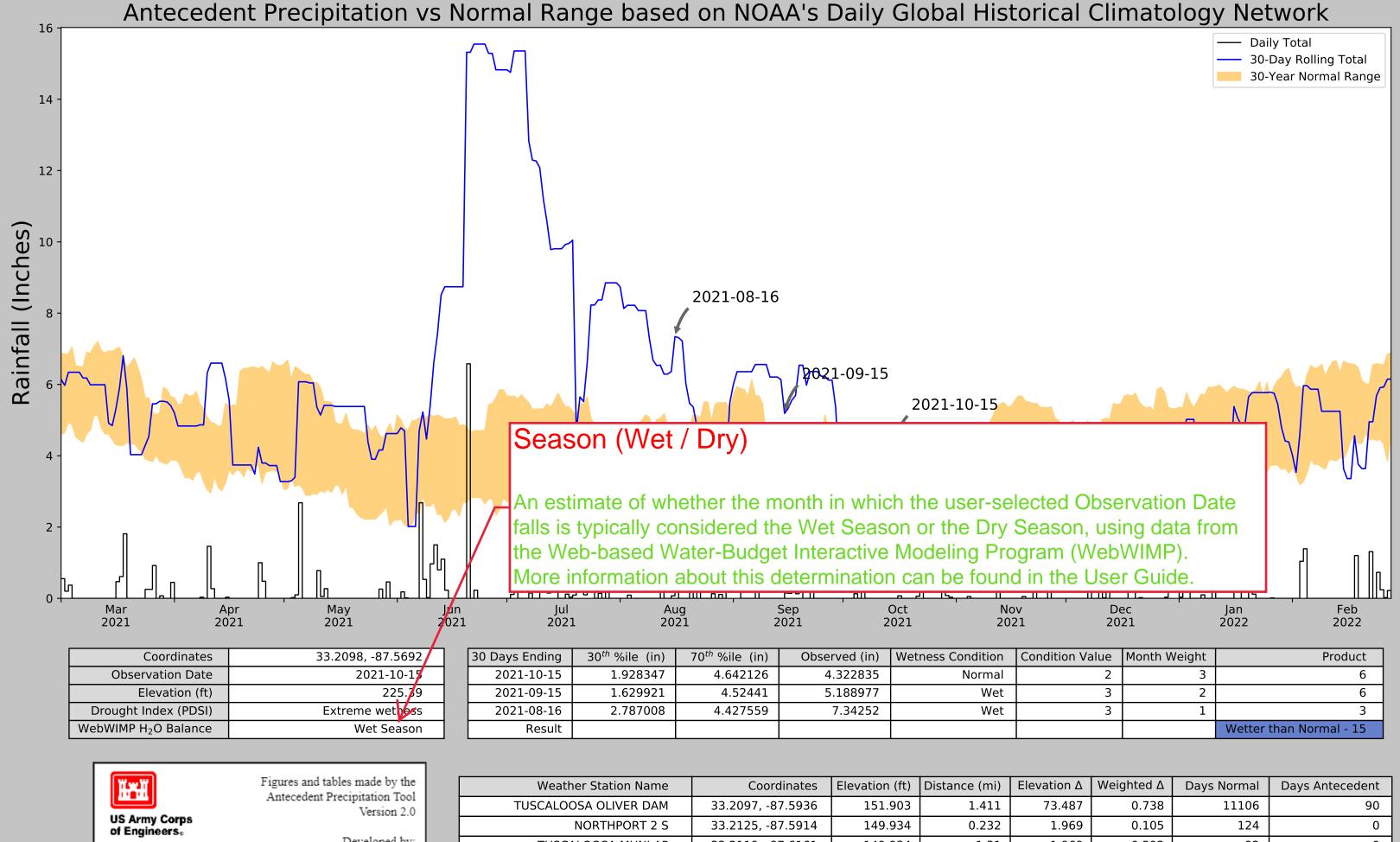
Weather Station Name	Coordinates	Elevation (ft)	Distance (mi)	Elevation Δ	Weighted Δ	Days Normal	Days Antecedent
TUSCALOOSA OLIVER DAM	33.2097, -87.5936	151.903	1.411	73.487	0.738	11106	90
NORTHPORT 2 S	33.2125, -87.5914	149.934	0.232	1.969	0.105	124	0
TUSCALOOSA MUNI AP	33.2119, -87.6161	149.934	1.31	1.969	0.592	92	0
TUSCALOOSA ACFD	33.2119, -87.6161	168.963	1.31	17.06	0.612	1	0
HOLT L&D	33.2533, -87.45	194.882	8.829	42.979	4.353	30	0





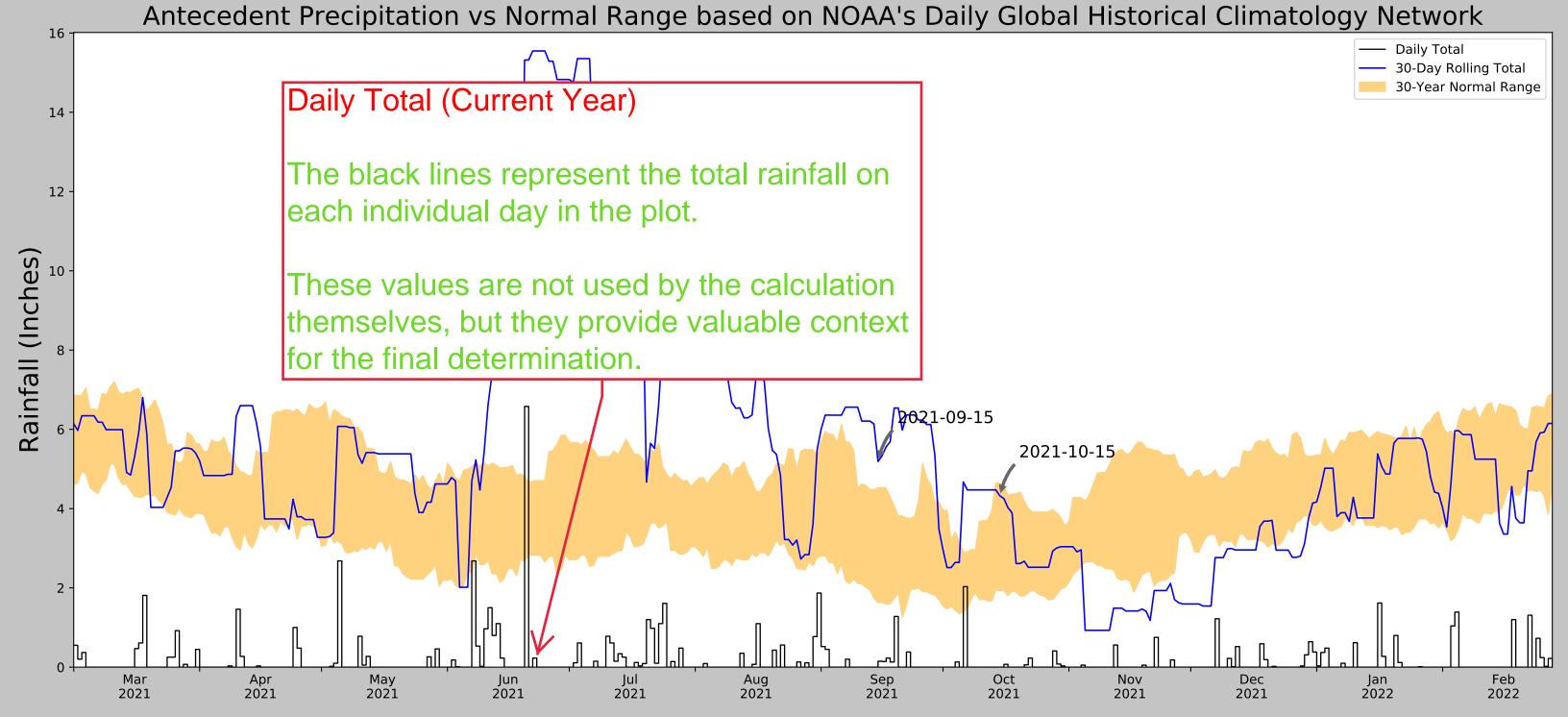
Figures and tables made by the Antecedent Precipitation Tool Version 2.0

Weather Station Name	Coordinates	Elevation (ft)	Distance (mi)	Elevation Δ	Weighted Δ	Days Normal	Days Antecedent
TUSCALOOSA OLIVER DAM	33.2097, -87.5936	151.903	1.411	73.487	0.738	11106	90
NORTHPORT 2 S	33.2125, -87.5914	149.934	0.232	1.969	0.105	124	0
TUSCALOOSA MUNI AP	33.2119, -87.6161	149.934	1.31	1.969	0.592	92	0
TUSCALOOSA ACFD	33.2119, -87.6161	168.963	1.31	17.06	0.612	1	0
HOLT L&D	33.2533, -87.45	194.882	8.829	42.979	4.353	30	0





Weather Station Name	Coordinates	Elevation (ft)	Distance (mi)	Elevation Δ	Weighted Δ	Days Normal	Days Antecedent
TUSCALOOSA OLIVER DAM	33.2097, -87.5936	151.903	1.411	73.487	0.738	11106	90
NORTHPORT 2 S	33.2125, -87.5914	149.934	0.232	1.969	0.105	124	0
TUSCALOOSA MUNI AP	33.2119, -87.6161	149.934	1.31	1.969	0.592	92	0
TUSCALOOSA ACFD	33.2119, -87.6161	168.963	1.31	17.06	0.612	1	0
HOLT L&D	33.2533, -87.45	194.882	8.829	42.979	4.353	30	0



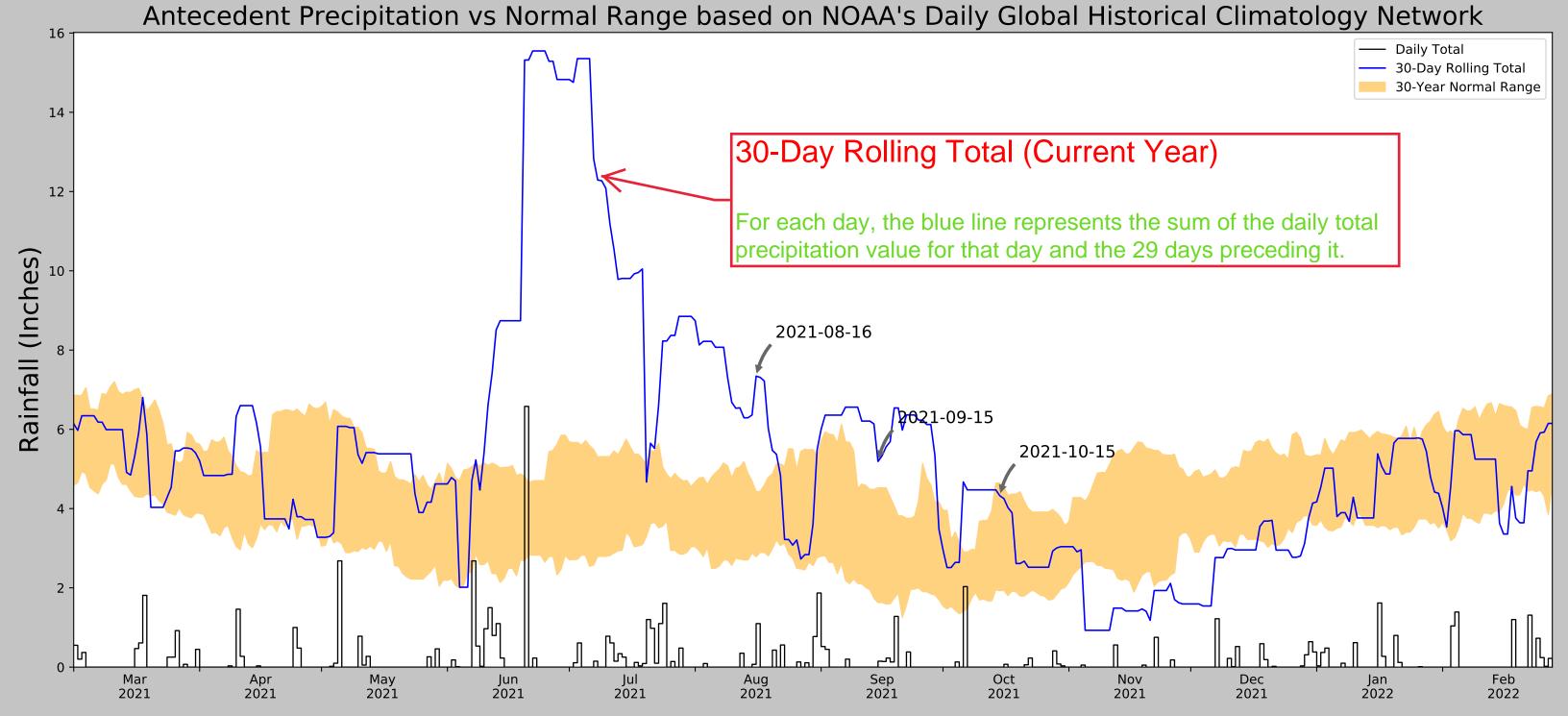
Coordinates	33.2098, -87.5692
Observation Date	2021-10-15
Elevation (ft)	225.39
Drought Index (PDSI)	Extreme wetness
WebWIMP H ₂ O Balance	Wet Season

30 Days Ending	30 th %ile (in)	70 th %ile (in)	Observed (in)	Wetness Condition	Condition Value	Month Weight	Product
2021-10-15	1.928347	4.642126	4.322835	Normal	2	3	6
2021-09-15	1.629921	4.52441	5.188977	Wet	3	2	6
2021-08-16	2.787008	4.427559	7.34252	Wet	3	1	3
Result							Wetter than Normal - 15



Figures and tables made by the Antecedent Precipitation Tool Version 2.0

Weather Station Name	Coordinates	Elevation (ft)	Distance (mi)	Elevation Δ	Weighted Δ	Days Normal	Days Antecedent
TUSCALOOSA OLIVER DAM	33.2097, -87.5936	151.903	1.411	73.487	0.738	11106	90
NORTHPORT 2 S	33.2125, -87.5914	149.934	0.232	1.969	0.105	124	0
TUSCALOOSA MUNI AP	33.2119, -87.6161	149.934	1.31	1.969	0.592	92	0
TUSCALOOSA ACFD	33.2119, -87.6161	168.963	1.31	17.06	0.612	1	0
HOLT L&D	33.2533, -87.45	194.882	8.829	42.979	4.353	30	0



Coordinates	33.2098, -87.5692
Observation Date	2021-10-15
Elevation (ft)	225.39
Drought Index (PDSI)	Extreme wetness
WebWIMP H ₂ O Balance	Wet Season

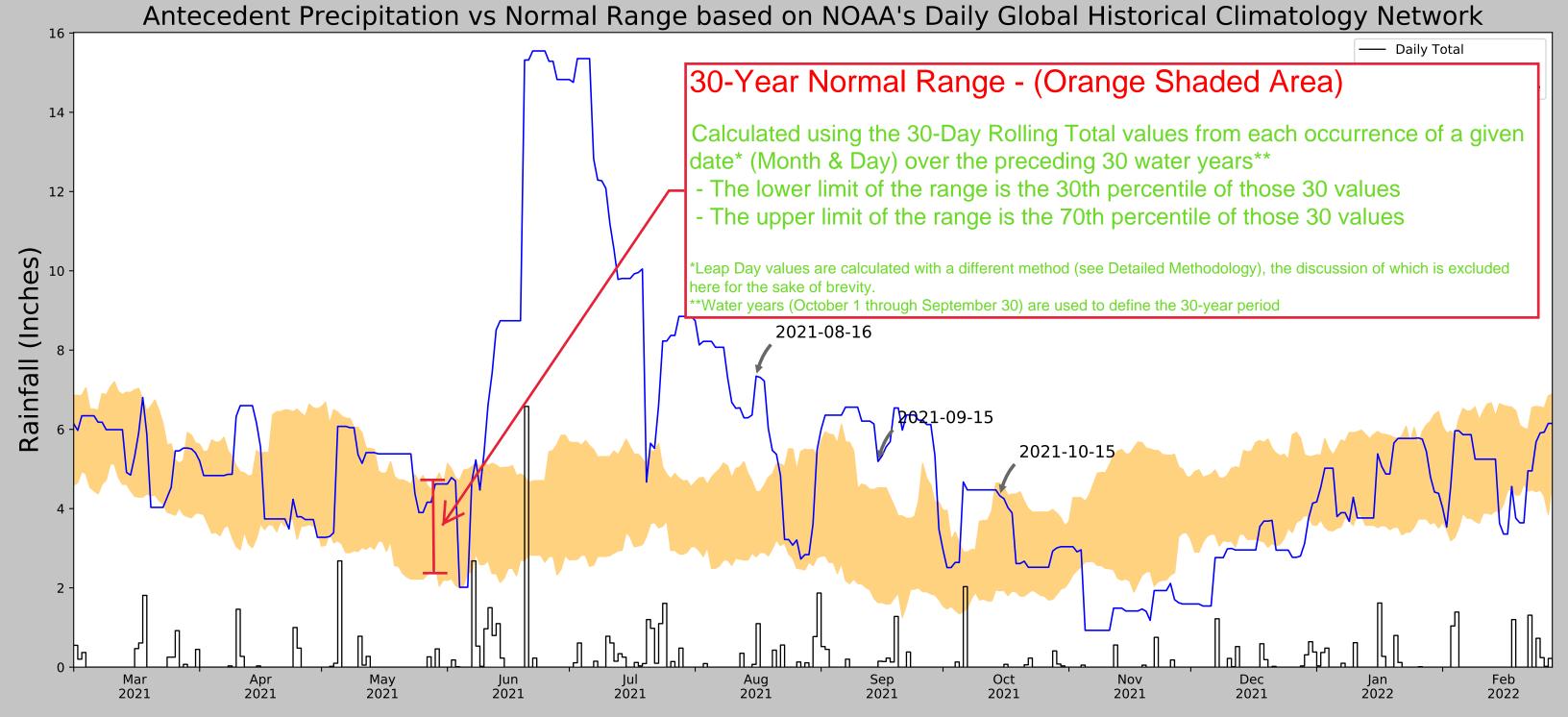
30 Days Ending	30 th %ile (in)	70 th %ile (in)	Observed (in)	Wetness Condition	Condition Value	Month Weight	Product
2021-10-15	1.928347	4.642126	4.322835	Normal	2	3	6
2021-09-15	1.629921	4.52441	5.188977	Wet	3	2	6
2021-08-16	2.787008	4.427559	7.34252	Wet	3	1	3
Result							Wetter than Normal - 15



SERDE

Figures and tables made by the Antecedent Precipitation Tool Version 2.0

Weather Station Name	Coordinates	Elevation (ft)	Distance (mi)	Elevation Δ	Weighted Δ	Days Normal	Days Antecedent
TUSCALOOSA OLIVER DAM	33.2097, -87.5936	151.903	1.411	73.487	0.738	11106	90
NORTHPORT 2 S	33.2125, -87.5914	149.934	0.232	1.969	0.105	124	0
TUSCALOOSA MUNI AP	33.2119, -87.6161	149.934	1.31	1.969	0.592	92	0
TUSCALOOSA ACFD	33.2119, -87.6161	168.963	1.31	17.06	0.612	1	0
HOLT L&D	33.2533, -87.45	194.882	8.829	42.979	4.353	30	0

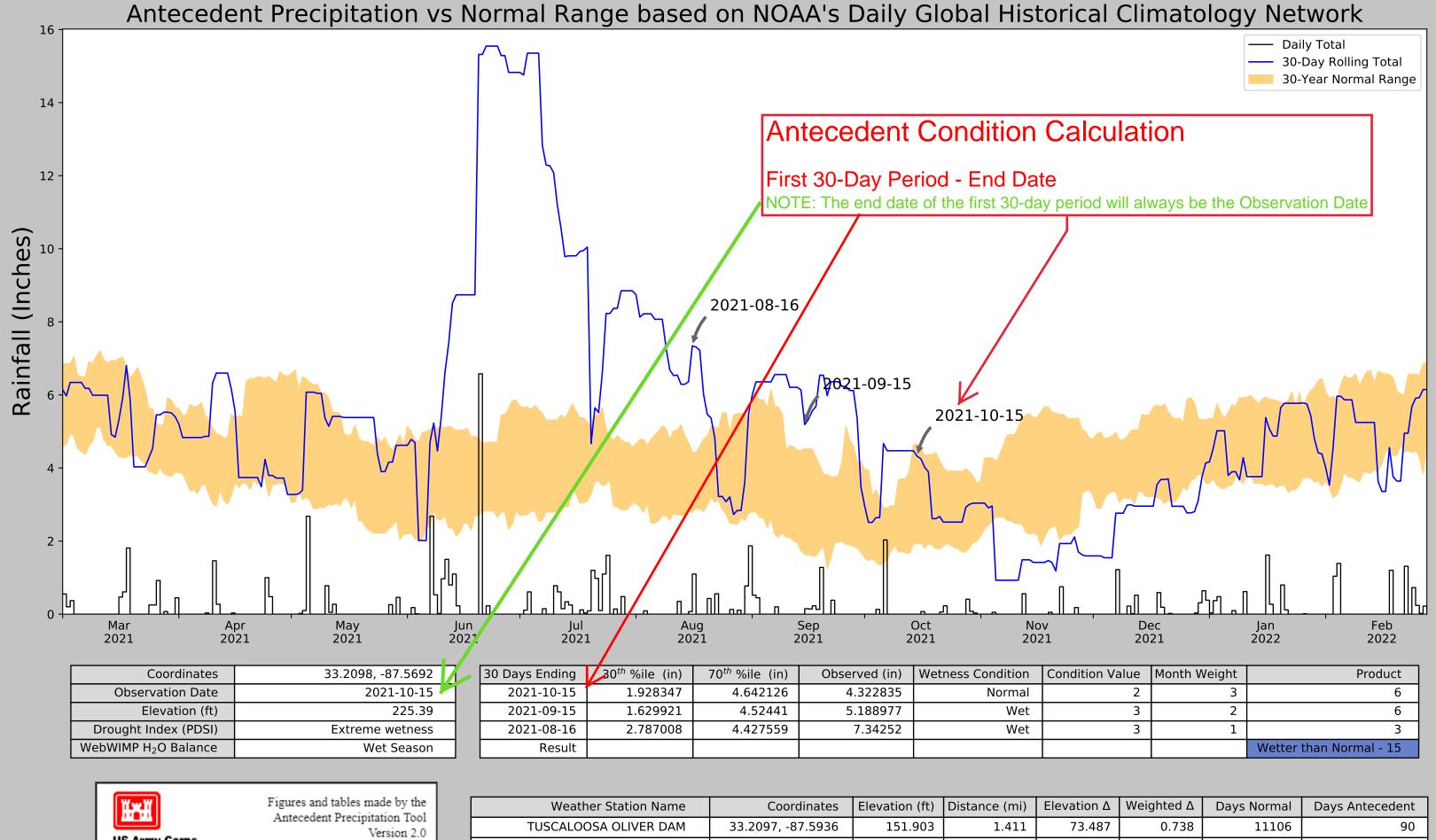


Coordinates	33.2098, -87.5692
Observation Date	2021-10-15
Elevation (ft)	225.39
Drought Index (PDSI)	Extreme wetness
WebWIMP H₂O Balance	Wet Season

30 Days Ending	30 th %ile (in)	70 th %ile (in)	Observed (in)	Wetness Condition	Condition Value	Month Weight	Product
2021-10-15	1.928347	4.642126	4.322835	Normal	2	3	6
2021-09-15	1.629921	4.52441	5.188977	Wet	3	2	6
2021-08-16	2.787008	4.427559	7.34252	Wet	3	1	3
Result							Wetter than Normal - 15

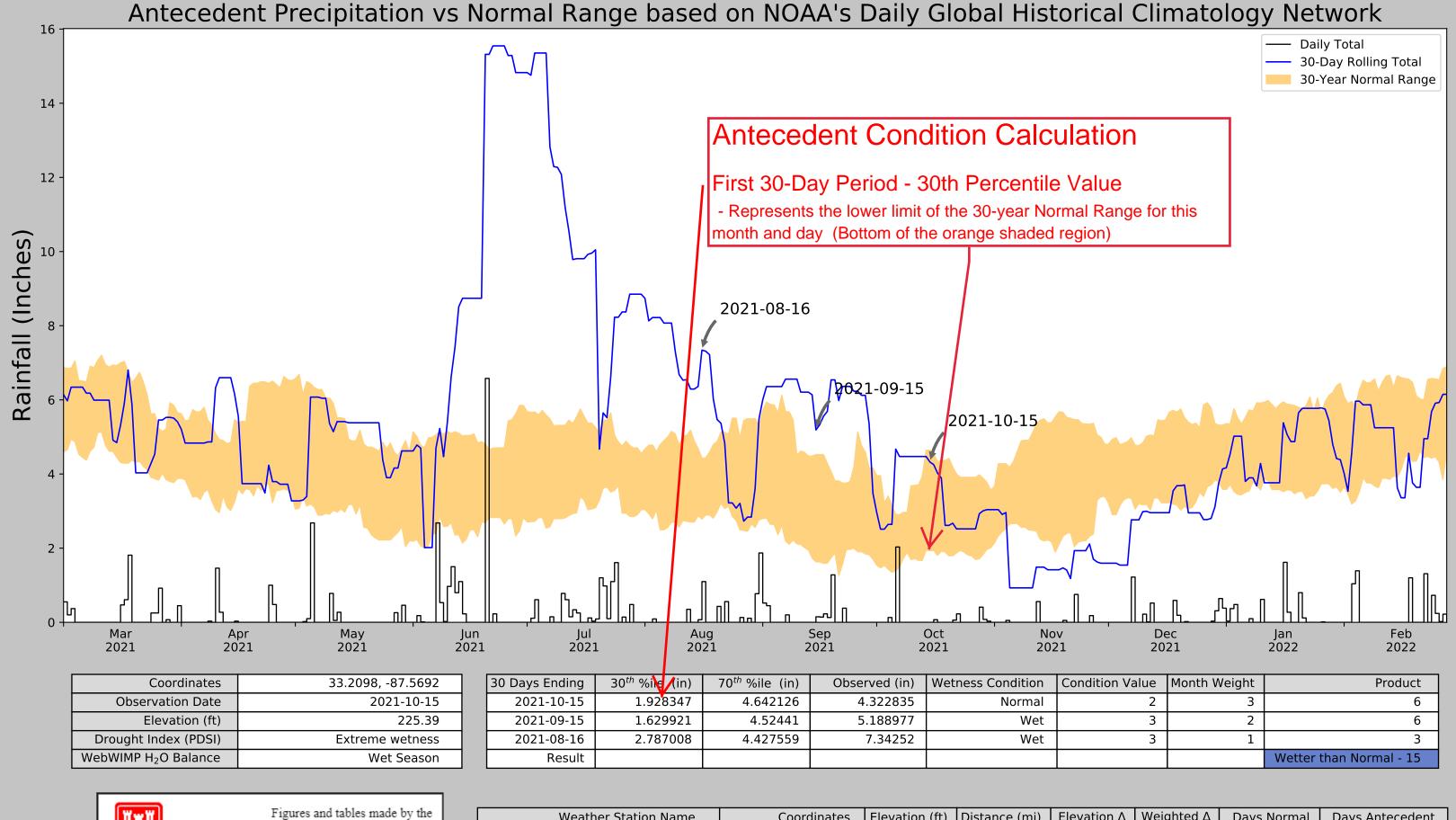


Weather Station Name	Coordinates	Elevation (ft)	Distance (mi)	Elevation Δ	Weighted Δ	Days Normal	Days Antecedent
TUSCALOOSA OLIVER DAM	33.2097, -87.5936	151.903	1.411	73.487	0.738	11106	90
NORTHPORT 2 S	33.2125, -87.5914	149.934	0.232	1.969	0.105	124	0
TUSCALOOSA MUNI AP	33.2119, -87.6161	149.934	1.31	1.969	0.592	92	0
TUSCALOOSA ACFD	33.2119, -87.6161	168.963	1.31	17.06	0.612	1	0
HOLT L&D	33.2533, -87.45	194.882	8.829	42.979	4.353	30	0





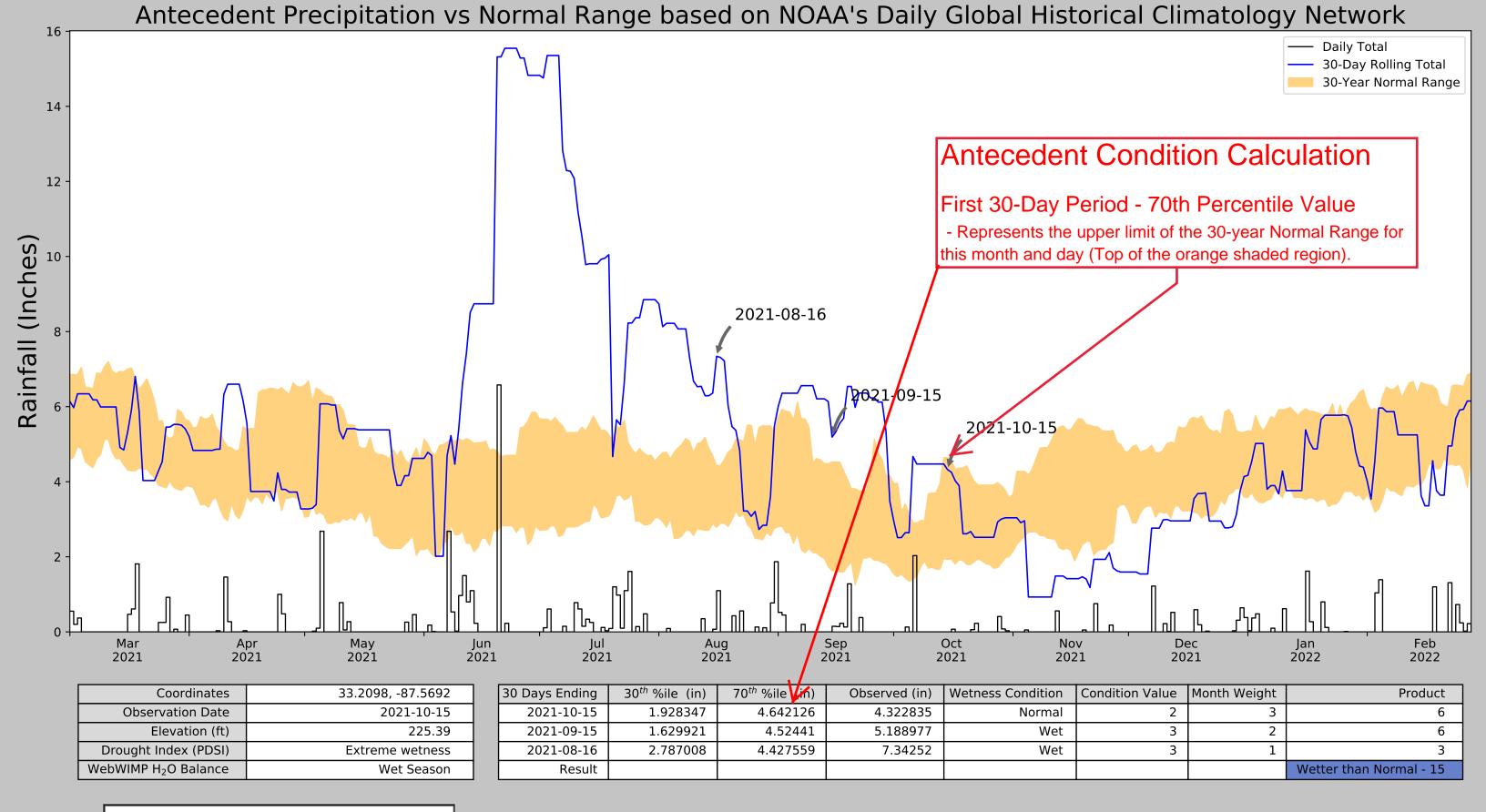
Weather Station Name	Coordinates	Elevation (ft)	Distance (mi)	Elevation Δ	Weighted Δ	Days Normal	Days Antecedent
TUSCALOOSA OLIVER DAM	33.2097, -87.5936	151.903	1.411	73.487	0.738	11106	90
NORTHPORT 2 S	33.2125, -87.5914	149.934	0.232	1.969	0.105	124	0
TUSCALOOSA MUNI AP	33.2119, -87.6161	149.934	1.31	1.969	0.592	92	0
TUSCALOOSA ACFD	33.2119, -87.6161	168.963	1.31	17.06	0.612	1	0
HOLT L&D	33.2533, -87.45	194.882	8.829	42.979	4.353	30	0





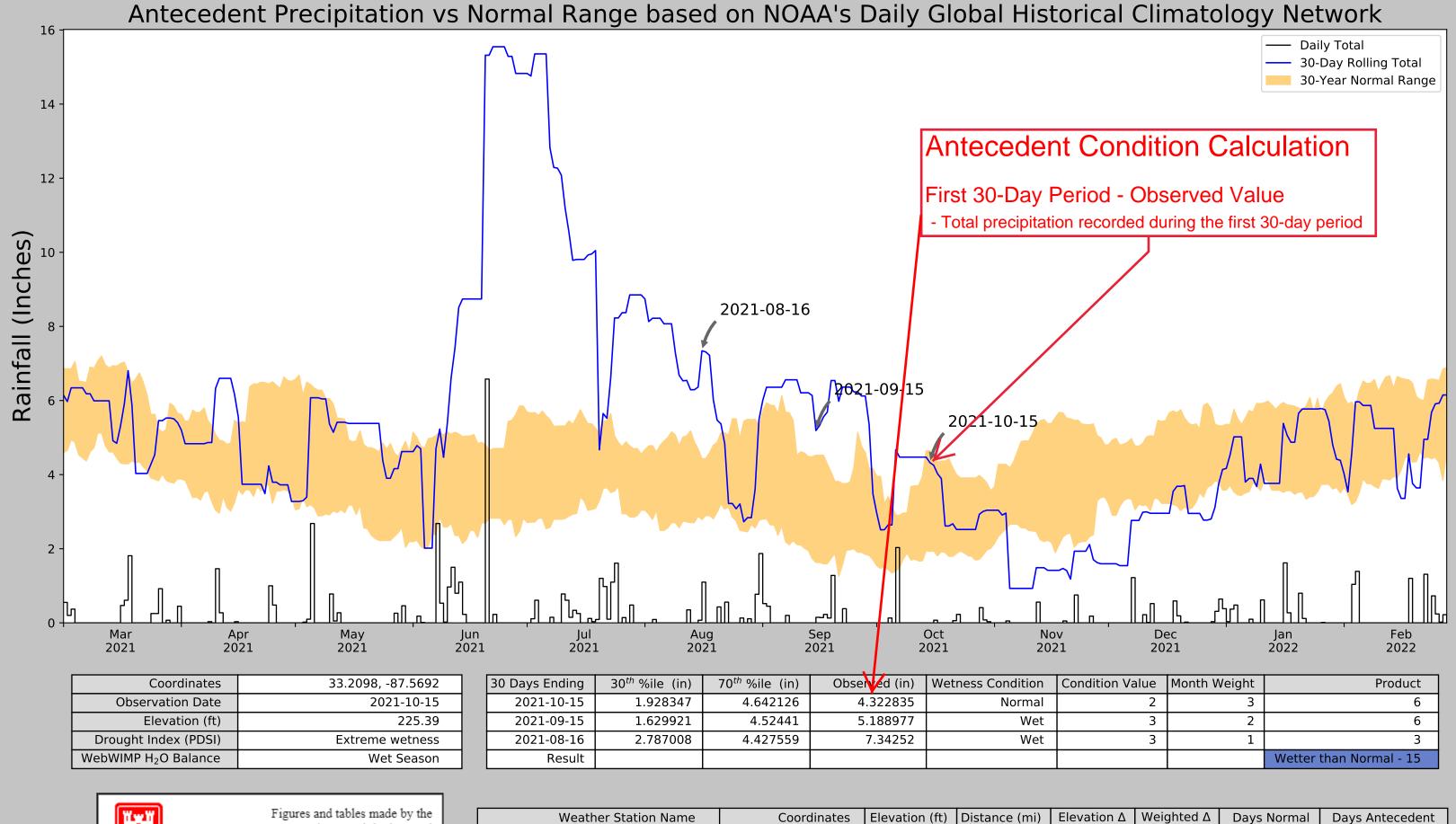
Figures and tables made by the Antecedent Precipitation Tool Version 2.0

Weather Station Name	Coordinates	Elevation (ft)	Distance (mi)	Elevation Δ	Weighted Δ	Days Normal	Days Antecedent
TUSCALOOSA OLIVER DAM	33.2097, -87.5936	151.903	1.411	73.487	0.738	11106	90
NORTHPORT 2 S	33.2125, -87.5914	149.934	0.232	1.969	0.105	124	0
TUSCALOOSA MUNI AP	33.2119, -87.6161	149.934	1.31	1.969	0.592	92	0
TUSCALOOSA ACFD	33.2119, -87.6161	168.963	1.31	17.06	0.612	1	0
HOLT L&D	33.2533, -87.45	194.882	8.829	42.979	4.353	30	0





Weather Station Name	Coordinates	Elevation (ft)	Distance (mi)	Elevation Δ	Weighted Δ	Days Normal	Days Antecedent
TUSCALOOSA OLIVER DAM	33.2097, -87.5936	151.903	1.411	73.487	0.738	11106	90
NORTHPORT 2 S	33.2125, -87.5914	149.934	0.232	1.969	0.105	124	0
TUSCALOOSA MUNI AP	33.2119, -87.6161	149.934	1.31	1.969	0.592	92	0
TUSCALOOSA ACFD	33.2119, -87.6161	168.963	1.31	17.06	0.612	1	0
HOLT L&D	33.2533, -87.45	194.882	8.829	42.979	4.353	30	0

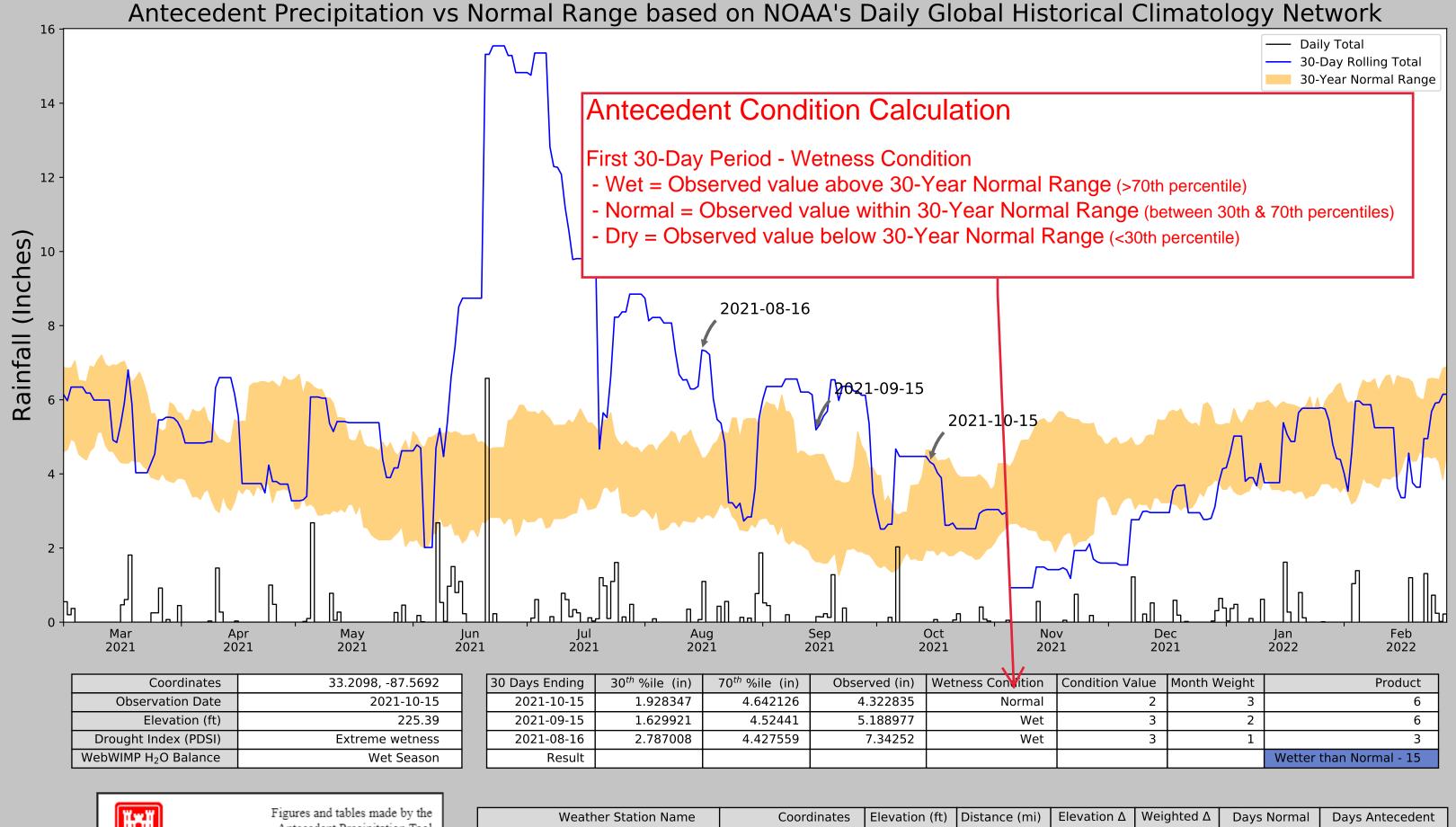




SERD©

Figures and tables made by the Antecedent Precipitation Tool Version 2.0

Weather Station Name	Coordinates	Elevation (ft)	Distance (mi)	Elevation Δ	Weighted Δ	Days Normal	Days Antecedent
TUSCALOOSA OLIVER DAM	33.2097, -87.5936	151.903	1.411	73.487	0.738	11106	90
NORTHPORT 2 S	33.2125, -87.5914	149.934	0.232	1.969	0.105	124	0
TUSCALOOSA MUNI AP	33.2119, -87.6161	149.934	1.31	1.969	0.592	92	0
TUSCALOOSA ACFD	33.2119, -87.6161	168.963	1.31	17.06	0.612	1	0
HOLT L&D	33.2533, -87.45	194.882	8.829	42.979	4.353	30	0

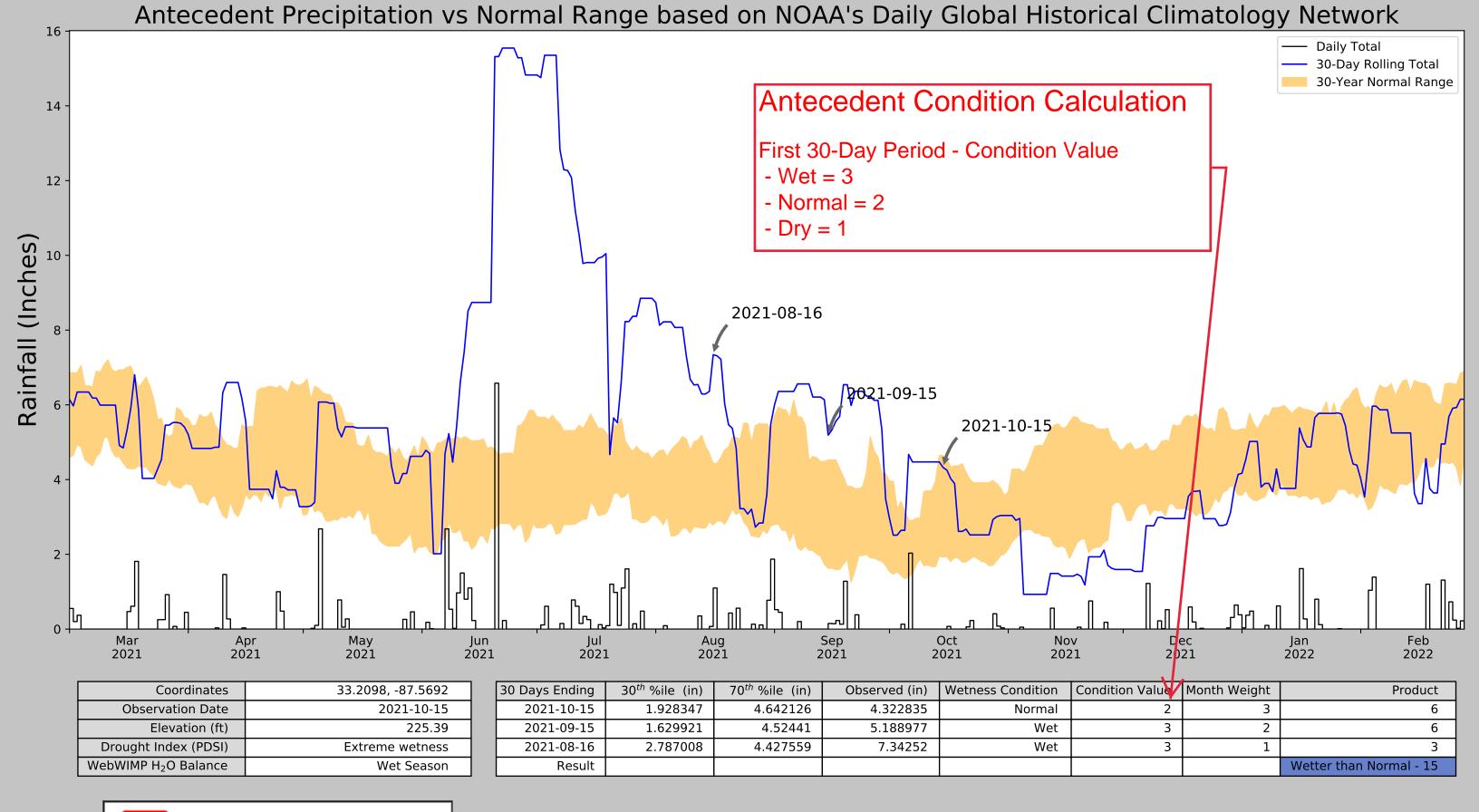


Hrii	
US Army of Engine	Corps eers

SERDE

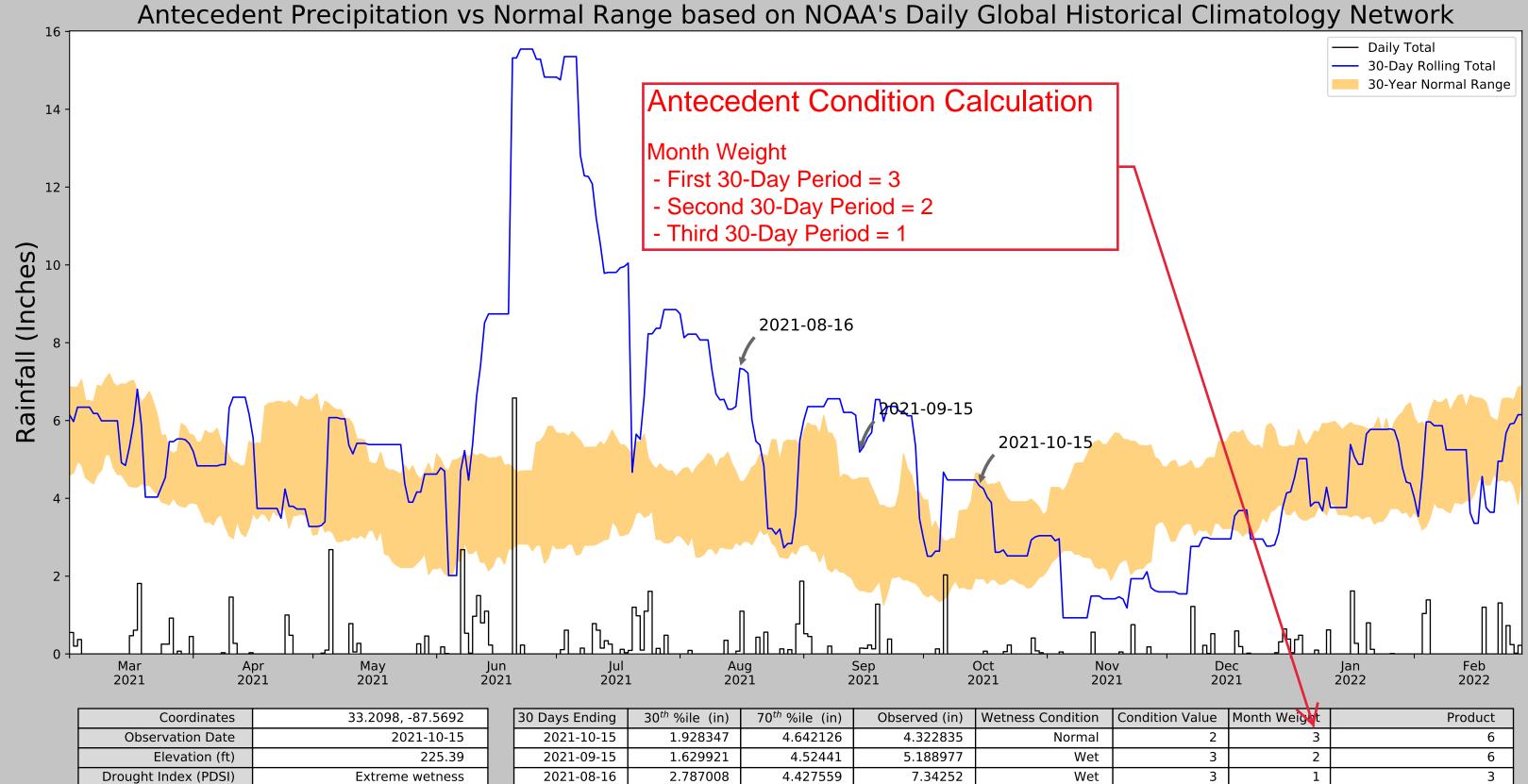
Figures and tables made by the Antecedent Precipitation Tool Version 2.0

Weather Station Name	Coordinates	Elevation (ft)	Distance (mi)	Elevation Δ	Weighted Δ	Days Normal	Days Antecedent
TUSCALOOSA OLIVER DAM	33.2097, -87.5936	151.903	1.411	73.487	0.738	11106	90
NORTHPORT 2 S	33.2125, -87.5914	149.934	0.232	1.969	0.105	124	0
TUSCALOOSA MUNI AP	33.2119, -87.6161	149.934	1.31	1.969	0.592	92	0
TUSCALOOSA ACFD	33.2119, -87.6161	168.963	1.31	17.06	0.612	1	0
HOLT L&D	33.2533, -87.45	194.882	8.829	42.979	4.353	30	0



H	H	
US A	\rmy Corps ngineers∉	
Of E	ngineers.	
	ERD©	

Weather Station Name	Coordinates	Elevation (ft)	Distance (mi)	Elevation Δ	Weighted Δ	Days Normal	Days Antecedent
TUSCALOOSA OLIVER DAM	33.2097, -87.5936	151.903	1.411	73.487	0.738	11106	90
NORTHPORT 2 S	33.2125, -87.5914	149.934	0.232	1.969	0.105	124	0
TUSCALOOSA MUNI AP	33.2119, -87.6161	149.934	1.31	1.969	0.592	92	0
TUSCALOOSA ACFD	33.2119, -87.6161	168.963	1.31	17.06	0.612	1	0
HOLT L&D	33.2533, -87.45	194.882	8.829	42.979	4.353	30	0



Elevation (ft)	225.39
Drought Index (PDSI)	Extreme wetness
WebWIMP H ₂ O Balance	Wet Season
	Figures and tables made by the

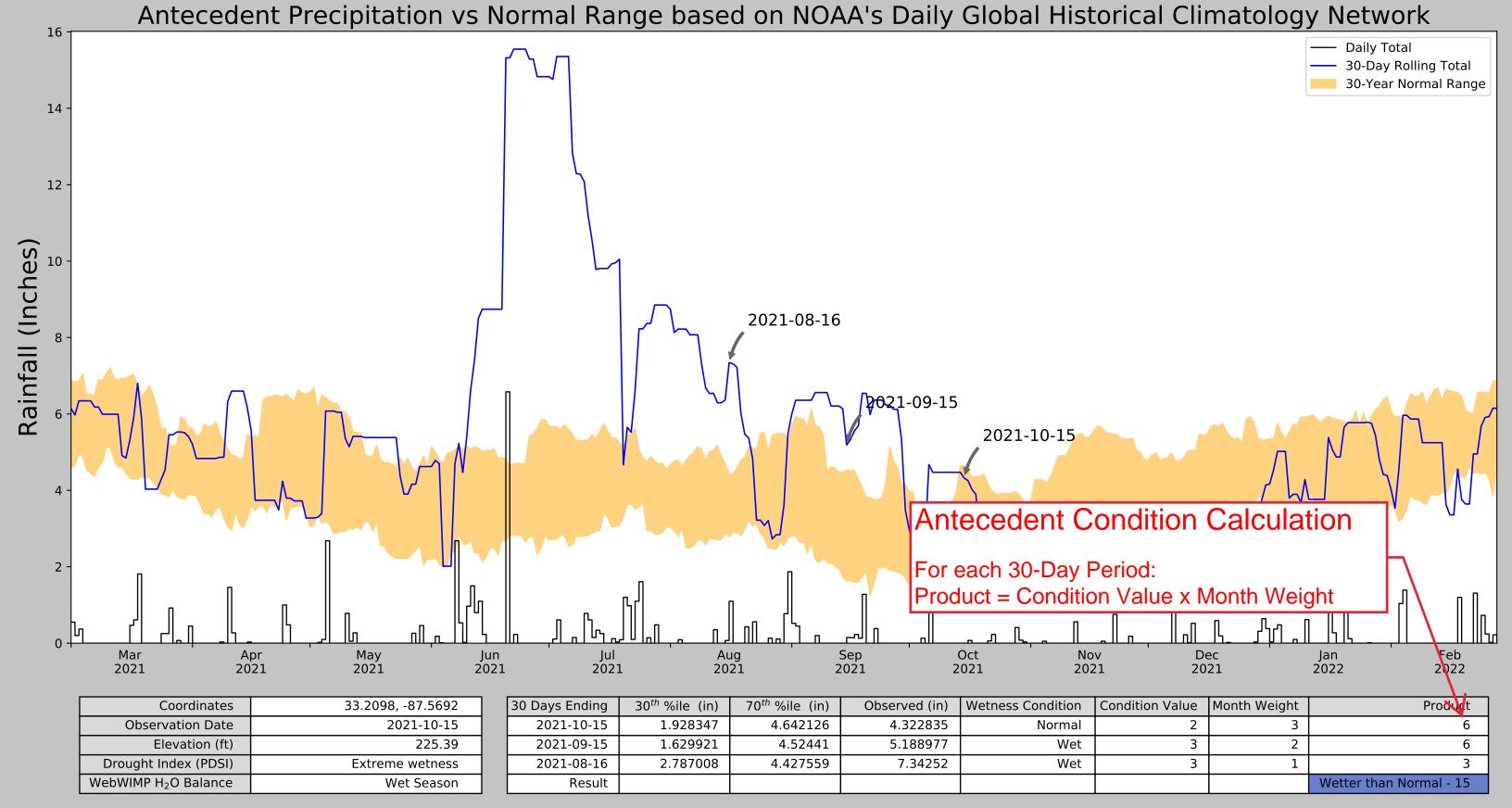
7.34252 2.787008 4.427559 Wet 1 2021-08-16 Result Wetter than Normal - 15



SERD©

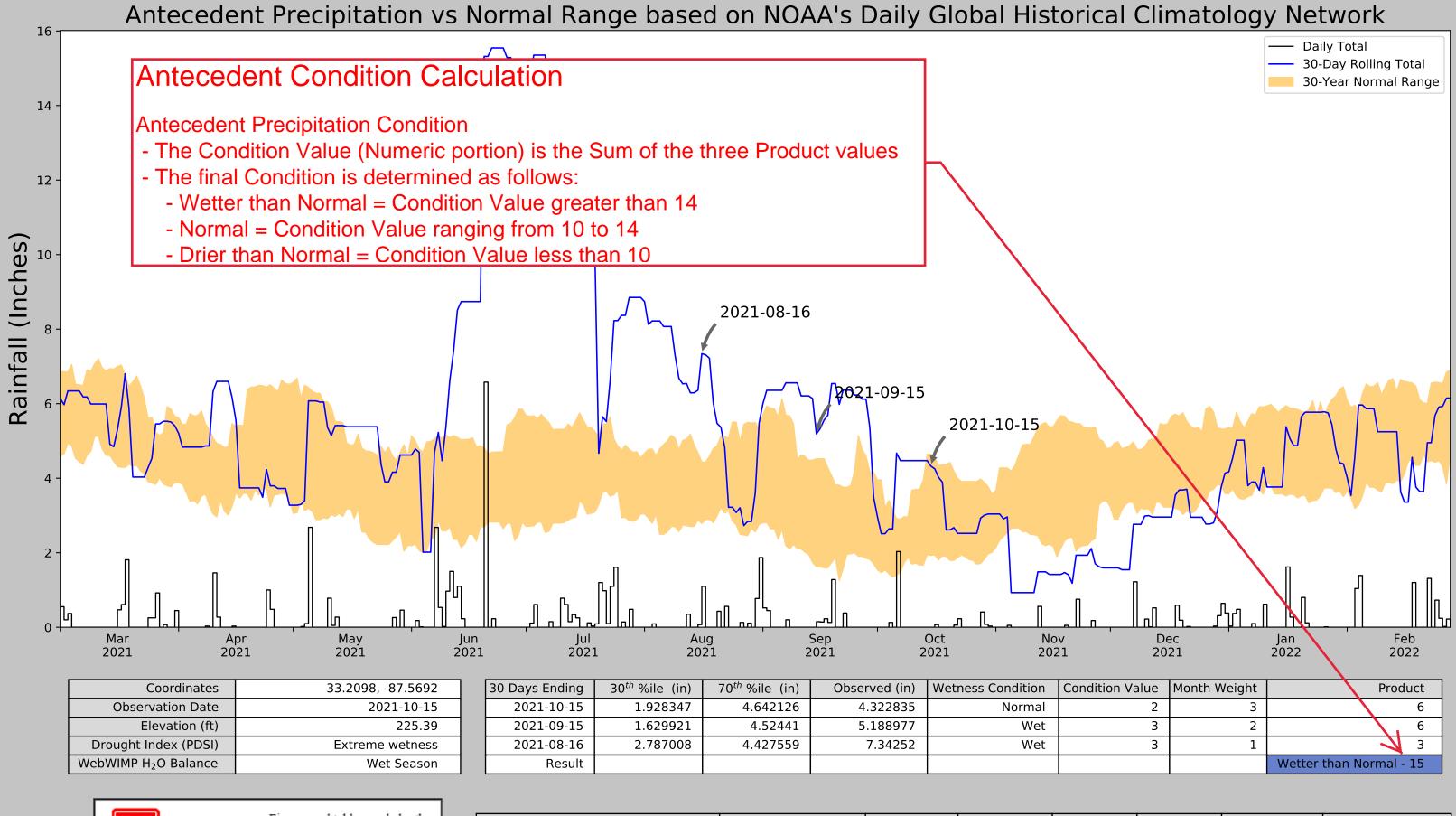
Figures and tables made by the Antecedent Precipitation Tool Version 2.0

Weather Station Name	Coordinates	Elevation (ft)	Distance (mi)	Elevation Δ	Weighted Δ	Days Normal	Days Antecedent
TUSCALOOSA OLIVER DAM	33.2097, -87.5936	151.903	1.411	73.487	0.738	11106	90
NORTHPORT 2 S	33.2125, -87.5914	149.934	0.232	1.969	0.105	124	0
TUSCALOOSA MUNI AP	33.2119, -87.6161	149.934	1.31	1.969	0.592	92	0
TUSCALOOSA ACFD	33.2119, -87.6161	168.963	1.31	17.06	0.612	1	0
HOLT L&D	33.2533, -87.45	194.882	8.829	42.979	4.353	30	0



Army Corps ngineers	
ERD©	

Weather Station Name	Coordinates	Elevation (ft)	Distance (mi)	Elevation Δ	Weighted Δ	Days Normal	Days Antecedent
TUSCALOOSA OLIVER DAM	33.2097, -87.5936	151.903	1.411	73.487	0.738	11106	90
NORTHPORT 2 S	33.2125, -87.5914	149.934	0.232	1.969	0.105	124	0
TUSCALOOSA MUNI AP	33.2119, -87.6161	149.934	1.31	1.969	0.592	92	0
TUSCALOOSA ACFD	33.2119, -87.6161	168.963	1.31	17.06	0.612	1	0
HOLT L&D	33.2533, -87.45	194.882	8.829	42.979	4.353	30	0

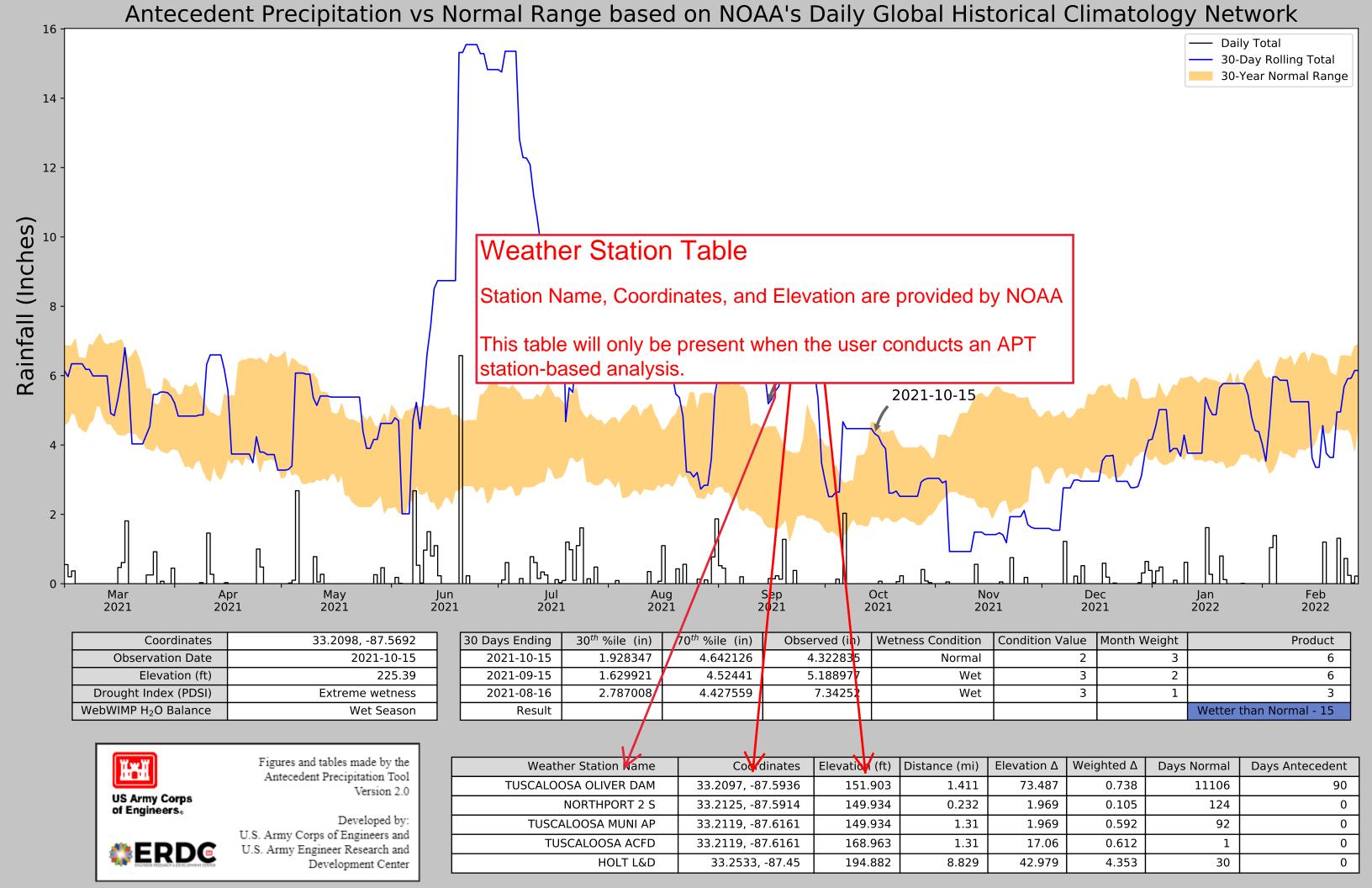


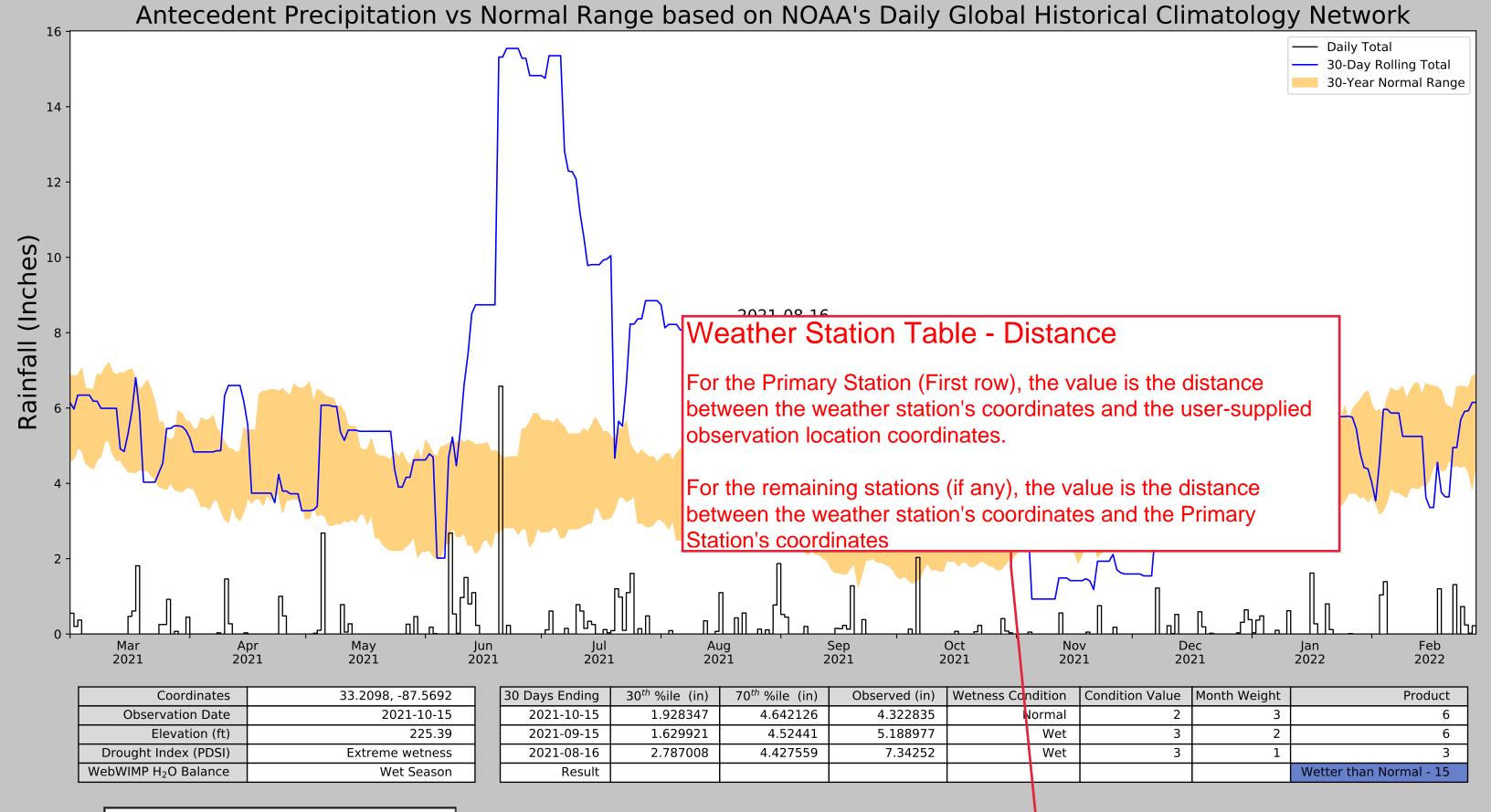


SERD®

Figures and tables made by the Antecedent Precipitation Tool Version 2.0

Weather Station Name	Coordinates	Elevation (ft)	Distance (mi)	Elevation Δ	Weighted Δ	Days Normal	Days Antecedent
TUSCALOOSA OLIVER DAM	33.2097, -87.5936	151.903	1.411	73.487	0.738	11106	90
NORTHPORT 2 S	33.2125, -87.5914	149.934	0.232	1.969	0.105	124	0
TUSCALOOSA MUNI AP	33.2119, -87.6161	149.934	1.31	1.969	0.592	92	0
TUSCALOOSA ACFD	33.2119, -87.6161	168.963	1.31	17.06	0.612	1	0
HOLT L&D	33.2533, -87.45	194.882	8.829	42.979	4.353	30	0

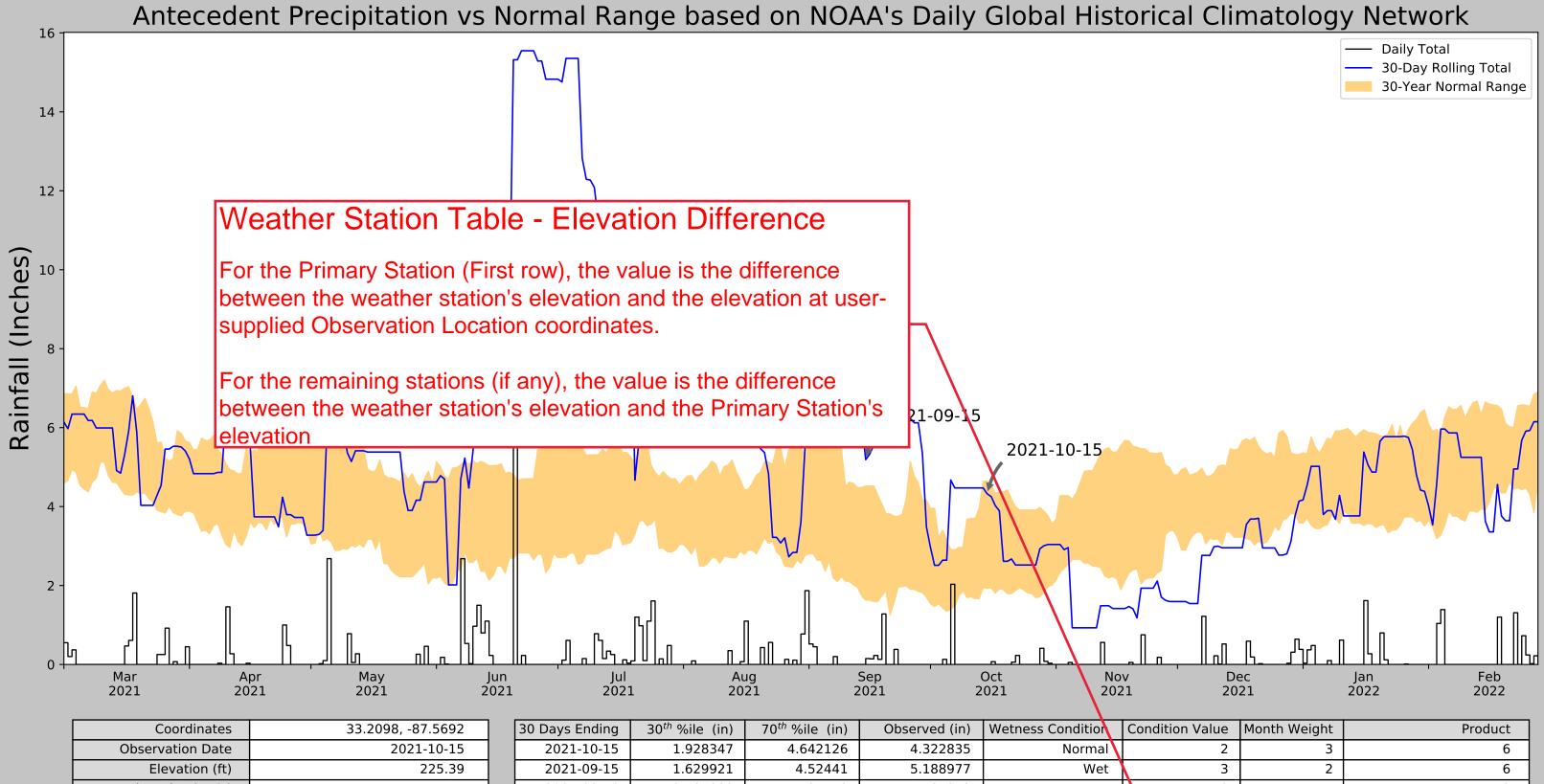




H-H	
US Army Corps of Engineers	

Figures and tables made by the Antecedent Precipitation Tool Version 2.0

	_						
Weather Station Name	Coordinates	Elevation (ft)	Distance (mi)	Elevation Δ	Weighted Δ	Days Normal	Days Antecedent
TUSCALOOSA OLIVER DAM	33.2097, -87.5936	151.903	1.411	73.487	0.738	11106	90
NORTHPORT 2 S	33.2125, -87.5914	149.934	0.232	1.969	0.105	124	0
TUSCALOOSA MUNI AP	33.2119, -87.6161	149.934	1.31	1.969	0.592	92	0
TUSCALOOSA ACFD	33.2119, -87.6161	168.963	1.31	17.06	0.612	1	0
HOLT L&D	33.2533, -87.45	194.882	8.829	42.979	4.353	30	0



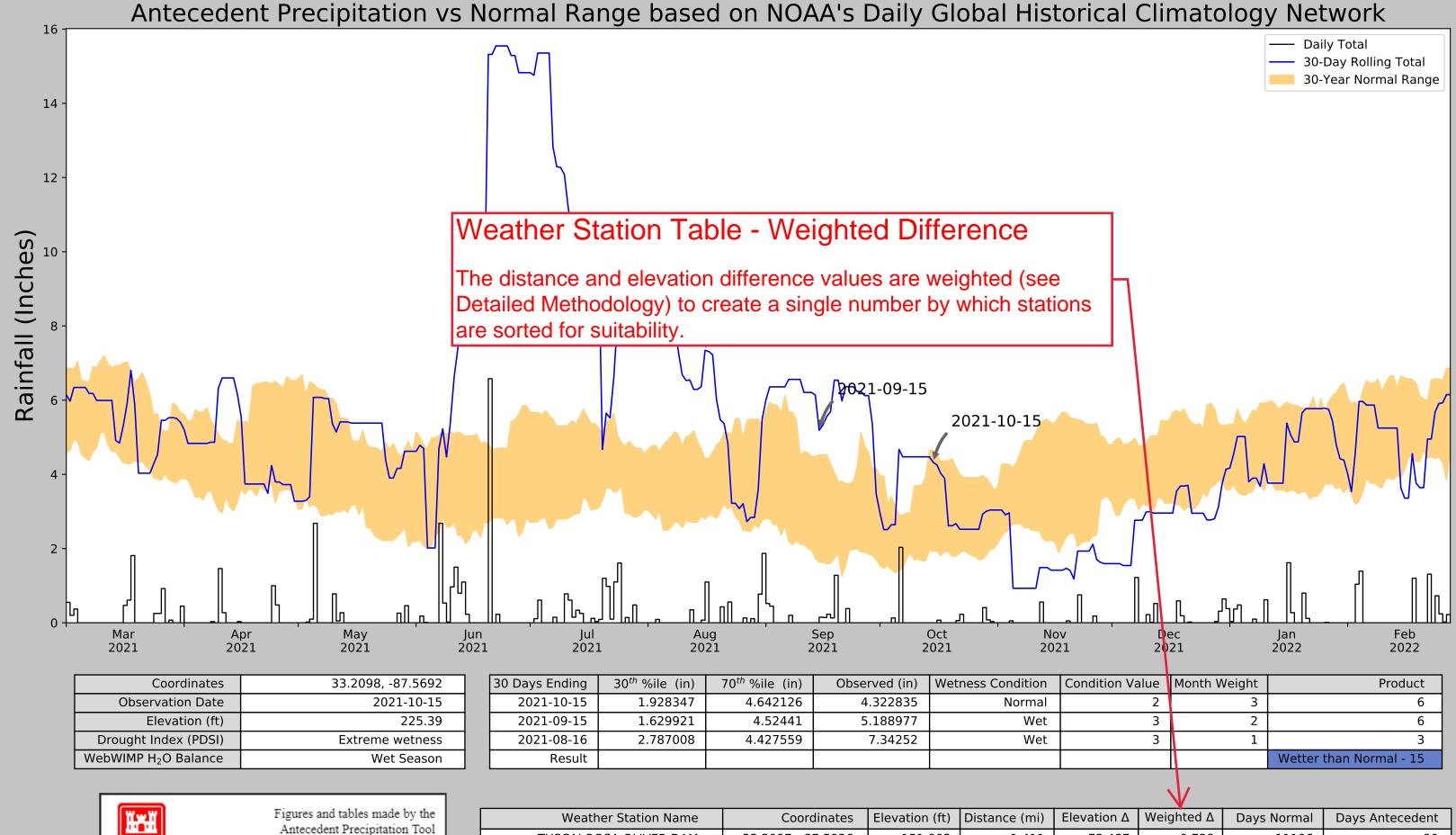
Coordinates	33.2098, -87.5692
Observation Date	2021-10-15
Elevation (ft)	225.39
Drought Index (PDSI)	Extreme wetness
WebWIMP H₂O Balance	Wet Season

30 Days Ending	30 th %ile (in)	70 th %ile (in)	Observed (in)	Wetness Condition	Co	ondition Value	Month Weight	Product
2021-10-15	1.928347	4.642126	4.322835	Normal		2	3	6
2021-09-15	1.629921	4.52441	5.188977	Wet	\mathcal{T}	3	2	6
2021-08-16	2.787008	4.427559	7.34252	Wet	$\top \setminus$	3	1	3
Result								Wetter than Normal - 15



Figures and tables made by the Antecedent Precipitation Tool Version 2.0

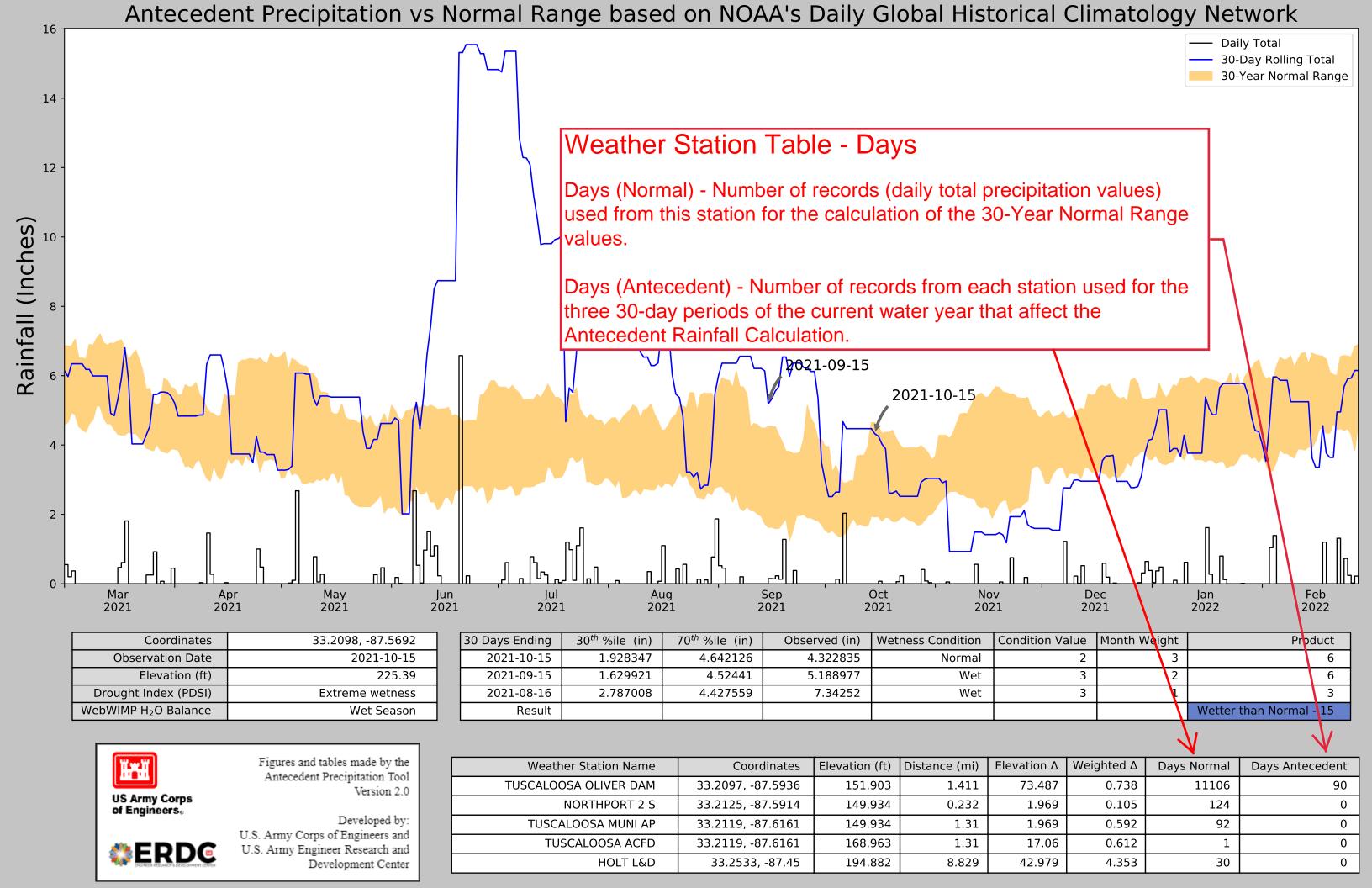
Weather Station Name	Coordinates	Elevation (ft)	Distance (mi)	Elevation Δ	Weighted Δ	Days Normal	Days Antecedent
TUSCALOOSA OLIVER DAM	33.2097, -87.5936	151.903	1.411	73.487	0.738	11106	90
NORTHPORT 2 S	33.2125, -87.5914	149.934	0.232	1.969	0.105	124	0
TUSCALOOSA MUNI AP	33.2119, -87.6161	149.934	1.31	1.969	0.592	92	0
TUSCALOOSA ACFD	33.2119, -87.6161	168.963	1.31	17.06	0.612	1	0
HOLT L&D	33.2533, -87.45	194.882	8.829	42.979	4.353	30	0





Antecedent Precipitation Tool Version 2.0

Weather Station Name	Coordinates	Elevation (ft)	Distance (mi)	Elevation Δ	Weighted Δ	Days Normal	Days Antecedent
TUSCALOOSA OLIVER DAM	33.2097, -87.5936	151.903	1.411	73.487	0.738	11106	90
NORTHPORT 2 S	33.2125, -87.5914	149.934	0.232	1.969	0.105	124	0
TUSCALOOSA MUNI AP	33.2119, -87.6161	149.934	1.31	1.969	0.592	92	0
TUSCALOOSA ACFD	33.2119, -87.6161	168.963	1.31	17.06	0.612	1	0
HOLT L&D	33.2533, -87.45	194.882	8.829	42.979	4.353	30	0



Antecedent Precipitation vs Normal Range based on NOAA's nClimGrid-Daily Precipitation Data — Daily Total 30-Day Rolling Total 30-Year Normal Range 14 12 **APT Gridded Analysis** Two differences with be present if the user undertakes an APT grid-Rainfall (Inches) based analysis. First, the title of the output will be different. Second, the station table will contain the daily minimum, mean, median, and maximum number of weather stations within 30 miles of the grid cell used in the APT analysis. These values are based upon daily data provided by NOAA. See the APT Technical and User Guide for more details. 2021-11-15 May 2021 Aug 2021 Sep 2021 Feb 2022 Apr 2021 Jun 2021 Jul 2021 Oct Nov Dec Jan 2022 Mar 2021 2021 2021 2022 Coordinates 33.2098, -87.5692 30 Days Ending 30th %ile (in) 70th %ile (in) Observed (in) **Wetness Condition** Condition Value Month Weight Product **Observation Date** 2021-11-15 2021-11-15 1.988773 5.189992 1.700603 Dry 225.39 2021-10-16 2.24271 4.181441 3.732468 2 Elevation (ft) Normal Drought Index (PDSI) 2021-09-16 1.820066 4.206539 6.339813 Wet Severe wetness WebWIMP H₂O Balance Normal Conditions - 10 Wet Season Result Figures and tables made by the Antecedent Precipitation Tool Version 2.0 Station Count Summary US Army Corps of Engineers Minimum count of weather stations within 30 miles Developed by: 6 Mean count of weather stations within 30 miles U.S. Army Corps of Engineers and **SERD®** U.S. Army Engineer Research and Median count of weather stations within 30 miles 6 Development Center Maximum count of weathers stations within 30 miles