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Crop Water Use Report for the week of September 23rd 2019

This is Maria Baglieri with the UNWNRD and this is the Crop Water Use Report for the week of September 23rd 2019. This is the final crop water use report of the year.

Over the past week, corn used 0.72 inches.
Expected use by corn for this week is 0.72 inches.

In the past week, beets used 1.09 inches.
Expected use by beets for this week is 1.09 inches.

Over the past week, potatoes used 0.12 inches.
Expected use by potatoes for this week is 0.12 inches.

Over the past week, dry beans used 0.11 inches.
Expected use by dry beans for this week is 0.11 inches.

Over the past week, soybeans used 0.24 inches.
Expected use by soybeans for this week is 0.12 inches.

Over the past week, sunflowers used 1.38 inches.
Expected use by sunflowers for this week is 0.24 inches.

Over the past week, alfalfa used 1.2 inches.
Expected use by alfalfa for this week is 1.2 inches.

In past week, actively growing lawns used 1.2 inches.
Expected use by actively growing lawns for this week is 1.0 inches.

In the past week average ET gage readings were 1.2 inches.

The average rainfall for the district was 1.06 inches.

The weather forecast for the next week shows highs being in the 70's and 80's with lows in the 50's. There is a chance of thunderstorms early this week.

The crop water use report is completed using the average growth stage for each crop and ET gage reading from across the district. To find the conversion for your specific crop growth stage visit <https://nawmn.unl.edu/GrowthStageData>

For more information or to inquire about ET gages or soil moisture monitoring equipment, please contact Maria Baglieri at the Upper Niobrara White Natural Resources District at 308.432.6190 or visit our website at www.unwnrd.org. We are committed to helping Nebraskans conserve and protect groundwater.

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CORN

ET		Full Dent	Black Layer	Full Mature
Subarea I	Used		0.78	0.13
	Projected		0.72	0.12
Subarea II&VI	Used		0.72	0.12
	Projected		0.72	0.12
Subarea III	Used		0.78	0.13
	Projected		0.72	0.12
Subarea IV	Used		0.78	0.13
	Projected		0.72	0.12
Subarea V	Used		0.66	0.11
	Projected		0.72	0.12

SOYBEANS

ET		Full Mature	Mature	
Subarea I	Used	0.26	0.13	
	Projected	0.22	0.12	
Subarea II&VI	Used	0.24	0.12	
	Projected	0.22	0.12	

Subarea III	Used	0.26	0.13	
	Projected	0.22	0.12	
Subarea IV	Used	0.26	0.13	
	Projected	0.22	0.12	
Subarea V	Used	0.22	0.11	
	Projected	0.22	0.12	

SUNFLOWERS

ET		Late Seed	Mature	
Subarea I	Used	1.5	0.26	
	Projected	1.38	0.24	
Subarea II&VI	Used	1.38	0.24	
	Projected	1.38	0.24	
Subarea III	Used	1.5	0.26	
	Projected	1.38	0.24	
Subarea IV	Used	1.5	0.26	
	Projected	1.38	0.24	
Subarea V	Used	1.27	0.22	
	Projected	1.38	0.24	

SUGAR BEETS

ET	ET			
Subarea I	Subarea I	Used		
		Projected		
Subarea II&VI	Subarea II&VI	Used		
		Projected		
Subarea III	Subarea III	Used		
		Projected		
Subarea IV	Subarea IV	Used		
		Projected		
Subarea V	Subarea V	Used		
		Projected		

POTATOES

ET		Mature		
Subarea I	Used	0.13		
	Projected	0.12		
Subarea II&VI	Used	0.12		
	Projected	0.12		
Subarea III	Used	0.13		
	Projected	0.12		
Subarea IV	Used	0.13		
	Projected	0.12		

Subarea V	Used	0.11		
	Projected	0.12		

DRY BEANS

ET	Maturity			
Subarea I	Used	0.12		
	Projected	0.11		
Subarea II&VI	Used	0.11		
	Projected	0.11		
Subarea III	Used	0.12		
	Projected	0.11		
Subarea IV	Used	0.12		
	Projected	0.11		
Subarea V	Used	0.1		
	Projected	0.11		

ALFALFA

ET				
Subarea I	Used	1.3		
	Projected	1.1		
Subarea II&VI	Used	1.2		
	Projected	1.1		
Subarea III	Used	1.3		
	Projected	1.1		
Subarea IV	Used	1.3		
	Projected	1.1		
Subarea V	Used	1.1		
	Projected	1.1		

GRASS

ET				
Subarea I	Used	1.2		
	Projected	1.1		
Subarea II&VI	Used	1.2		
	Projected	1.1		
Subarea III	Used	1.2		
	Projected	1.1		
Subarea IV	Used	1.2		
	Projected	1.1		
Subarea V	Used	1.2		
	Projected	1.1		