

Quality and Quantity of Water from Rangeland Watersheds

Thanks for participating in the “*Quality and Quantity of Water from Rangeland Watersheds*” Program. In order for us to put together the most effective educational program for you, please take a few minutes to answer the questions below.

Please rate your level of understanding about with the following statements. Simply place an ‘x’ in the box that best matches your thoughts.

LEVEL OF UNDERSTANDING

Poor
1

Average
2

Good
3

Excellent
4

STATEMENTS	LEVEL OF UNDERSTANDING			
	1	2	3	4
Understanding the processes of the water cycle.	1	2	3	4
Understanding the landowner can influence the local water cycle by maintaining adequate plant and litter cover with the use of a proper grazing regime.	1	2	3	4
<u>Rainfall</u> Rainfall distribution, frequency, intensity, duration and probability of occurrence (Risk Management) should be integrated into land management decisions.	1	2	3	4
<u>Vegetation</u> Understanding that maintaining adequate vegetation and litter cover will allow for interception of the rain and reduced raindrop impact.	1	2	3	4
<u>Evaporation</u> The process of evaporation is when the sun heats up water in the rivers, lakes or oceans and turns it into a steam or vapor that rises up into the atmosphere.	1	2	3	4
<u>Infiltration</u> Understanding that the loss of plant cover, resulting in bare ground may lead to decreased water infiltration.	1	2	3	4
<u>Runoff</u> Maintaining adequate vegetation and litter cover will capture and slow the overland flow which reduces runoff amounts and improves water infiltration into the soil.	1	2	3	4
<u>Vegetation</u> Maintaining adequate vegetation cover will shade the ground and stabilize soil temperatures.	1	2	3	4
<u>Soils</u> Soil characteristics that influence water infiltration into the soil include: antecedent moisture, bulk density, depth, slope, organic matter, soil texture, aggregate stability and soil parent material.	1	2	3	4
<u>Erosion</u> Maintaining adequate vegetation and litter cover lessens the effects of wind and water erosion, thereby reducing the amount of sediment flowing into my streams, ponds or other water bodies..	1	2	3	4
<u>Soil</u> The loss of topsoil can result in drought like conditions because there is less soil water holding capacity.	1	2	3	4
<u>Transpiration</u> Transpiration is the process by which plants lose (evaporate) water out of their leaves which ends up back in the atmosphere.	1	2	3	4

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For each of the topics listed below, in the LEFT column, circle the ONE number that best reflects your LEVEL OF UNDERSTANDING before the *Quality and Quantity of Water from Rangeland Watersheds*. Then, in the RIGHT column, circle the ONE number that best reflects your LEVEL OF UNDERSTANDING after the *Quality and Quantity of Water from Rangeland Watersheds*.

LEVEL OF UNDERSTANDING

	Average 2				Good 3				Excellent 4			
Poor 1												
TOPICS	<u>BEFORE</u> the Program				<u>AFTER</u> the Program							
Understanding the processes of the water cycle.	1	2	3	4	1	2	3	4				
Understanding the landowner can influence the local water cycle by maintaining adequate plant and litter cover with the use of a proper grazing regime.	1	2	3	4	1	2	3	4				
<u>Rainfall</u> Understanding that maintaining adequate vegetation and litter cover will allow for interception of the rain and reduced raindrop impact.	1	2	3	4	1	2	3	4				
<u>Evaporation</u> The process of evaporation is when the sun heats up water in the rivers, lakes or oceans and turns it into a steam or vapor that rises up into the atmosphere.	1	2	3	4	1	2	3	4				
<u>Infiltration</u> Understanding that the loss of plant cover, resulting in bare ground may lead to decreased water infiltration.	1	2	3	4	1	2	3	4				
<u>Runoff</u> Maintaining adequate vegetation and litter cover will capture and slow the overland flow which reduces runoff amounts and improves water infiltration into the soil.	1	2	3	4	1	2	3	4				
<u>Vegetation</u> Maintaining adequate vegetation cover will shade the ground and stabilize soil temperatures.	1	2	3	4	1	2	3	4				
<u>Soils</u> Soil characteristics that influence water infiltration into the soil include: antecedent moisture, bulk density, depth, slope, organic matter, soil texture, aggregate stability and soil parent material.	1	2	3	4	1	2	3	4				
<u>Erosion</u> Maintaining adequate vegetation and litter cover lessens the effects of wind and water erosion reducing the amount of sedimentation flowing into my streams, ponds or other water bodies..	1	2	3	4	1	2	3	4				
<u>Soils</u> The loss of topsoil can result in drought like conditions because there is less soil water holding capacity.	1	2	3	4	1	2	3	4				

What is the most significant thing you learned during the Quality and Quantity of Water from Rangeland Watersheds (feel free to list more than one)?

Do you feel like what you learned today provides you the ability to analyze your land situation and make better land management decisions? (*Circle the best answer*)

YES

NO

- Please explain your answer or provide an example.

Please provide any additional information in the space below.

Thank you very much for your time!!!