

**Mountain States Transmission Intertie  
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**Table A-2b. Water Erosion Rating**

Link Number	Mile From	Mile To	Distance	Water Erosion Rating (K Factor)	Most Susceptible	Moderately Susceptible	Least Susceptible	No Data
1	5.4	5.6	0.2	Least Susceptible				
	7.0	7.1	0.1					
			<b>0.3</b>					
	1.1	5.4	4.3	Moderately Susceptible				
	5.6	7.0	1.4					
			<b>5.7</b>					
	0.0	1.1	1.1	Most Susceptible				
			<b>1.1</b>					
					1.1	5.7	0.3	0.0
2-1	1.4	2.6	1.2	Moderately Susceptible				
	3.3	14.9	11.6					
	16.5	16.8	0.3					
	18.2	19.3	1.1					
	20.0	22.6	2.6					
	23.6	25.8	2.2					
			<b>19.0</b>					
	0.0	1.4	1.4	Most Susceptible				
	2.6	3.3	0.7					
	14.9	16.5	1.6					
	16.8	18.2	1.4					
	19.3	20.0	0.7					
	22.6	23.6	1.0					
			<b>6.8</b>					
					6.8	19	0.0	0.0
2-3	16.2	17.1	0.9	Least Susceptible				
			<b>0.9</b>					
	0.0	0.4	0.4	Moderately Susceptible				
	17.1	18.0	0.9					
	19.6	20.5	0.9					
			<b>2.2</b>					
	0.4	16.2	15.8	Most Susceptible				
	18.0	19.6	1.6					

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Link Number	Mile From	Mile To	Distance	Water Erosion Rating (K Factor)	Most Susceptible	Moderately Susceptible	Least Susceptible	No Data
					17.4	2.2	0.9	
3-1	0.0	1.9	1.9	Least Susceptible	17.4	2.2	0.9	0.0
			<b>1.9</b>					
	1.9	2.5	0.6	Moderately Susceptible				
	6.4	12.1	5.7					
	15.0	23.0	8.0					
	25.0	27.7	2.7					
	30.9	32.3	1.4					
			<b>18.4</b>					
	2.5	6.4	3.9	Most Susceptible				
	12.1	15.0	2.9					
	23.0	25.0	2.0					
	27.7	30.9	3.2					
			<b>12.0</b>					
					12.0	18.4	1.9	0.0
4-1	0.0	3.2	3.2	Least Susceptible	0.9	8.0	4.6	0.0
	12.1	13.5	1.4					
			<b>4.6</b>					
	4.1	12.1	8.0	Moderately Susceptible				
			<b>8.0</b>					
	3.2	4.1	0.9	Most Susceptible				
			<b>0.9</b>					
4-2	10.1	12.4	2.3	Least Susceptible	21.5	8.0	4.6	0.0
	14.8	15.5	0.7					
	23.8	30.1	6.3					
	43.9	56.1	12.2					
			<b>21.5</b>					
	0.0	4.8	4.8	Moderately Susceptible				
	8.5	10.1	1.6					
	12.4	14.8	2.4					

**Table A-2b. Water Erosion Rating**

Link Number	Mile From	Mile To	Distance	Water Erosion Rating (K Factor)	Most Susceptible	Moderately Susceptible	Least Susceptible	No Data
	16.8	23.8	7.0					
	32.1	41.2	9.1					
	56.1	58.3	2.2					
	60.1	60.9	0.8					
	61.3	64.0	2.7					
				<b>30.6</b>				
	4.8	8.5	3.7	Most Susceptible				
	15.5	16.8	1.3					
	30.1	32.1	2.0					
	41.2	43.9	2.7					
	58.3	60.1	1.8					
	60.9	61.3	0.4					
				<b>11.9</b>				
					11.9	30.6	21.5	0.0
7-2	0.0	0.1	0.1	Moderately Susceptible				
			<b>0.1</b>					
	0.1	12.2	12.1	Most Susceptible				
			<b>12.1</b>					
					12.1	0.1	0.0	0.0
7-41	6.3	8.4	2.1	Least Susceptible				
			<b>2.1</b>					
	2.5	6.3	3.8	Moderately Susceptible				
			<b>3.8</b>					
	0.0	2.5	2.5	Most Susceptible				
			<b>2.5</b>					
					2.5	3.8	2.1	0.0
7-42	0.0	1.9	1.9	Least Susceptible				
			<b>1.9</b>					
	1.9	3.0	1.1	Moderately Susceptible				
			<b>1.1</b>					
					0.0	1.1	1.9	0.0
7-5	0.0	0.9	0.9	Least Susceptible				

**Table A-2b. Water Erosion Rating**

Link Number	Mile From	Mile To	Distance	Water Erosion Rating (K Factor)	Most Susceptible	Moderately Susceptible	Least Susceptible	No Data
			<b>0.9</b>					
	0.9	1.8	0.9	Moderately Susceptible				
			<b>0.9</b>					
7-61	0.0	2.3	2.3	Least Susceptible	0.0	0.9	0.9	0.0
	6.7	8.7	2.0					
			<b>4.3</b>					
	2.3	6.7	4.4	Moderately Susceptible				
	14.1	16.0	1.9					
			<b>6.3</b>					
	8.7	14.1	5.4	Most Susceptible				
			<b>5.4</b>					
7-62	0.0	0.4	0.4	Moderately Susceptible	5.4	6.3	4.3	0.0
			<b>0.4</b>					
7-72	0.0	0.3	0.3	Moderately Susceptible				
			<b>0.3</b>					
	0.3	3.7	3.4	Most Susceptible	3.4	0.3	0.0	0.0
			<b>3.4</b>					
7-8	0.0	1.7	1.7	Least Susceptible				
	4.9	6.5	1.6					
	7.8	8.6	0.8		0.0	7.0	4.1	0.0
			<b>4.1</b>					
	1.7	4.9	3.2	Moderately Susceptible				
	6.5	7.8	1.3					
	8.6	11.1	2.5					
			<b>7.0</b>					
7-9	0.0	0.7	0.7	Moderately Susceptible				
	0.9	2.0	1.1					
			<b>1.8</b>					
	0.7	0.9	0.2	Most Susceptible				

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Link Number	Mile From	Mile To	Distance	Water Erosion Rating (K Factor)	Most Susceptible 1.4	Moderately Susceptible 1.8	Least Susceptible 0.0	No Data 0.0
	2.0	3.2	1.2	1.4				
8	36.4	37.5	1.1	Least Susceptible				
			1.1					
	4.2	5.1	0.9	Moderately Susceptible				
	6.0	6.8	0.8					
	10.0	12.1	2.1					
	14.8	36.4	21.6					
	37.5	39.8	2.3					
	40.6	41.1	0.5					
		28.2						
	0.0	4.2	4.2	Most Susceptible				
	5.1	6.0	0.9					
	6.8	10.0	3.2					
	12.1	14.8	2.7					
	39.8	40.6	0.8					
	41.1	50.3	9.2					
		21.0						
11-21	2.6	2.7	0.1	Moderately Susceptible				
			0.1					
	0.0	2.6	2.6	Most Susceptible				
	2.7	3.2	0.5					
		3.1						
11-22	5.6	8.9	3.3	Least Susceptible				
			3.3					
	0.7	5.6	4.9	Moderately Susceptible				
			4.9					
	0.0	0.7	0.7	Most Susceptible				
		0.7						

**Table A-2b. Water Erosion Rating**

Link Number	Mile From	Mile To	Distance	Water Erosion Rating (K Factor)	Most Susceptible	Moderately Susceptible	Least Susceptible	No Data
11-23	0.0	0.1	0.1	Least Susceptible				
	7.1	13.4	6.3					
	16.0	17.5	1.5					
	17.8	20.7	2.9					
			<b>10.8</b>					
	0.1	7.1	7.0	Moderately Susceptible				
	13.4	16.0	2.6					
	17.5	17.8	0.3					
	20.7	21.9	1.2					
			<b>11.1</b>					
					0.0	11.1	10.8	0.0
11-3	6.1	6.6	0.5	Least Susceptible				
			<b>0.5</b>					
	0.0	3.2	3.2	Moderately Susceptible				
	5.7	6.1	0.4					
			<b>3.6</b>					
	3.2	5.7	2.5	Most Susceptible				
	6.6	19.2	12.6					
			<b>15.1</b>					
					15.1	3.6	0.5	0.0
11-4	0.0	2.6	2.6	Moderately Susceptible				
	4.3	14.4	10.1					
	18.4	22.8	4.4					
			<b>17.1</b>					
	2.6	4.3	1.7	Most Susceptible				
	14.4	18.4	4.0					
			<b>5.7</b>					
					5.7	17.1	0.0	0.0
13	0.7	4.9	4.2	Moderately Susceptible				
			<b>4.2</b>					
	0.0	0.7	0.7	Most Susceptible				
			<b>0.7</b>					

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Link Number	Mile From	Mile To	Distance	Water Erosion Rating (K Factor)	Most Susceptible 0.7	Moderately Susceptible 4.2	Least Susceptible 0.0	No Data 0.0
16-1	3.3	8.9	5.6	Moderately Susceptible	8.1	22	0.0	0.0
	10.6	11.6	1.0					
	14.7	30.1	15.4					
			22.0					
	0.0	3.3	3.3	Most Susceptible				
	8.9	10.6	1.7					
	11.6	14.7	3.1					
			8.1					
16-2	0.0	29.3	29.3	Moderately Susceptible	0.0	29.3	0.0	0.0
			29.3					
16-3	6.3	6.7	0.4	Least Susceptible	23.3	6.9	0.4	0.0
			0.4					
	0.0	0.6	0.6	Moderately Susceptible				
	24.3	30.6	6.3					
			6.9					
	0.6	6.3	5.7	Most Susceptible				
	6.7	24.3	17.6					
			23.3					
16-4	0.0	8.7	8.7	Moderately Susceptible	0.0	8.7	0.0	0.0
			8.7					
18-1	16.7	17.7	1.0	Least Susceptible	19.7	21.3	1.6	0.0
	19.7	21.3	1.6					
			2.6					
	0.0	5.4	5.4	Moderately Susceptible				
	7.9	8.6	0.7					
	8.6	16.7	8.1					
	17.7	19.7	2.0					

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Link Number	Mile From	Mile To	Distance	Water Erosion Rating (K Factor)	Most Susceptible	Moderately Susceptible	Least Susceptible	No Data
	30.6	63.5	32.9					
				<b>49.1</b>				
	5.4	5.5	0.1	Most Susceptible				
	5.5	5.6	0.1					
	5.6	7.8	2.2					
	7.8	7.9	0.1					
	21.3	30.6	9.3					
				<b>11.8</b>				
	63.5	64.2	0.7	NA				
				<b>0.7</b>				
<b>End of Montana Soils</b>					11.8	49.1	2.6	0.7
18-2	0.0	0.2	0.2	Least Susceptible				
	0.2	0.7	0.5					
	16.6	27.0	10.4					
				<b>11.1</b>				
	0.7	16.6	15.9	Moderately Susceptible				
				<b>15.9</b>				
					0.0	15.9	11.1	0.0
20	17.9	19.1	1.2	Least Susceptible				
				<b>1.2</b>				
	0.0	17.9	17.9	Moderately Susceptible				
	19.1	20.0	0.9					
				<b>18.8</b>				
					0.0	18.8	1.2	0.0
21	14.4	25.6	11.2	Least Susceptible				
	28.8	28.9	0.1					
	28.9	29.1	0.2					
	30.9	33.6	2.7					
	37.3	37.6	0.3					
	37.6	38.4	0.8					
	87.4	89.4	2.0					

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Link Number	Mile From	Mile To	Distance	Water Erosion Rating (K Factor)	Most Susceptible	Moderately Susceptible	Least Susceptible	No Data
				<b>17.3</b>				
	0.0	14.4	14.4	Moderately Susceptible				
	25.6	28.8	3.2					
	29.1	30.9	1.8					
	33.6	37.3	3.7					
	38.4	38.8	0.4					
				<b>23.5</b>				
	38.8	87.4	48.6	Most Susceptible				
				<b>48.6</b>				
					48.6	23.5	17.3	0.0
22	19.2	25.3	6.1	Least Susceptible				
			<b>6.1</b>					
	0.0	12.8	12.8	Moderately Susceptible				
			<b>12.8</b>					
	12.8	19.2	6.4	Most Susceptible				
			<b>6.4</b>					
					6.4	12.8	6.1	0.0
23	0.0	28.6	28.6	Least Susceptible				
			<b>28.6</b>					
	28.6	29.0	0.4	Most Susceptible				
			<b>0.4</b>					
					0.4	0.0	28.6	
24	11.6	15.9	4.3	Least Susceptible				
	15.9	16.0	0.1					
	27.3	28.1	0.8					
	28.1	28.3	0.2					
	28.3	28.4	0.1					
			<b>5.5</b>					
	18.4	19.1	0.7	Moderately Susceptible				
	19.1	19.2	0.1					
	19.2	19.6	0.4					
	19.6	19.8	0.2					

**Table A-2b. Water Erosion Rating**

Link Number	Mile From	Mile To	Distance	Water Erosion Rating (K Factor)	Most Susceptible	Moderately Susceptible	Least Susceptible	No Data
	19.8	19.9	0.1					
	19.9	20.1	0.2					
	20.1	20.3	0.2					
			<b>1.9</b>					
	0.0	11.6	11.6	Most Susceptible				
	16.0	18.4	2.4					
	20.3	27.3	7.0					
			<b>21.0</b>					
					21.0	1.9	5.5	
25-11	6.2	6.3	0.1	Least Susceptible				
	7.2	7.8	0.6					
	8.6	9.9	1.3					
	11.9	14.4	2.5					
	15.6	15.7	0.1					
	16.8	16.9	0.1					
	17.3	25.9	8.6					
			<b>13.3</b>					
	0.0	6.2	6.2	Most Susceptible				
	6.3	7.2	0.9					
	7.8	8.6	0.8					
	9.9	11.9	2.0					
	14.4	15.6	1.2					
	15.7	16.8	1.1					
	16.9	17.3	0.4					
			<b>12.6</b>					
					12.6	0.0	13.3	
25-12	0.0	5.8	5.8	Least Susceptible				
	12.4	15.2	2.8					
	18.2	18.3	0.1					
	18.5	22.9	4.4					
			<b>13.1</b>					
	5.8	12.3	6.5	Moderately Susceptible				

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	15.2	18.5	3.3					
	22.9	23.0	0.1					
	23.0	39.8	16.8					
			<b>26.7</b>		0.0	26.7	13.1	
25-3	0.0	15.2	15.2	Moderately Susceptible				
	17.9	21.4	3.5					
			<b>18.7</b>					
			0.0	Most Susceptible				
	15.2	17.9	2.7					
	21.4	22.3	0.9					
			<b>3.6</b>		3.6	18.7	0.0	0.0
25-4	12.0	12.9	0.9	Least Susceptible				
	13.1	18.6	5.5					
	24.3	33.7	9.4					
			<b>15.8</b>					
	0.4	12.0	11.6	Moderately Susceptible				
	12.9	13.1	0.2					
			<b>11.8</b>					
	0.0	0.4	0.4	Most Susceptible				
	18.6	24.3	5.7					
			<b>6.1</b>		6.1	11.8	15.8	0.0
26-1	0.0	2.1	2.1	Least Susceptible				
	11.7	12.8	1.1					
	13.1	15.4	2.3					
			<b>5.5</b>					
	3.1	8.8	5.7	Moderately Susceptible				
	9.7	11.1	1.4					
			<b>7.1</b>					
	2.1	3.1	1.0	Most Susceptible				

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	8.8	9.7	0.9					
	11.1	11.7	0.6					
	12.8	13.1	0.3					
	15.4	16.7	1.3					
			<b>4.1</b>		4.1	7.1	5.5	0.0
26-2	2.8	7.5	4.7	Moderately Susceptible				
			<b>4.7</b>					
	0.0	2.8	2.8	Most Susceptible				
	7.5	27.8	20.3					
			<b>23.1</b>		23.1	4.7	0.0	0.0
26-3	1.7	4.1	2.4	Least Susceptible				
	7.9	13.6	5.7					
			<b>8.1</b>					
	0.0	1.7	1.7	Most Susceptible				
	4.1	7.9	3.8					
	21.6	38.2	16.6					
			<b>22.1</b>					
	13.6	21.6	8.0	NA				
			<b>8.0</b>		22.1	0.0	8.1	8.0
26-4	20.2	47.1	26.9	Least Susceptible				
			<b>26.9</b>					
	0.0	20.2	20.2	Most Susceptible				
			<b>20.2</b>		20.2	0.0	26.9	0.0
27	0.0	0.4	0.4	Least Susceptible				
			<b>0.4</b>		0.0	0.0	0.4	0.0
28	1.9	2.0	0.1	Least Susceptible				
			<b>0.1</b>					

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	0.0	0.7	0.7	Moderately Susceptible				
	1.1	1.9	0.8					
			<b>1.5</b>					
	0.7	1.1	0.4	Most Susceptible				
			<b>0.4</b>					
					0.4	1.5	0.1	0.0
30	0.5	1.3	0.8	Least Susceptible				
			<b>0.8</b>					
	5.2	16.3	11.1	Moderately Susceptible				
			<b>11.1</b>					
	0.0	0.5	0.5	Most Susceptible				
	1.3	5.2	3.9					
			<b>4.4</b>					
					4.4	11.1	0.8	0.0
31	0.0	10.3	10.3	Moderately Susceptible				
			<b>10.3</b>					
	10.3	24.4	14.1	Most Susceptible				
			<b>14.1</b>					
					14.1	10.3	0.0	0.0
<b>Erosion Potential</b>								
	0	No Data		<b>Total by Category</b>	351.5	455.6	215	8.7
	0.1	Least Susceptible						
	0.15	Least Susceptible						
	0.17	Least Susceptible		<b>Total Alignment Mileage</b>	1030.8			
	0.2	Moderately Susceptible						
	0.24	Moderately Susceptible						
	0.28	Moderately Susceptible		<b>T and WEG Mileage</b>	1049.7			
	0.32	Moderately Susceptible						
	0.37	Most Susceptible		<b>Discrepancy</b>	-18.9			
	0.43	Most Susceptible						
	0.49	Most Susceptible						

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