

## Tables: October 25, 2013 Grave Creek Hills Trail Hike

The following tables are part of the “*Minutes of October 25, 2013 Hike Along Grave Creek Hills Trail (GCHT).*”

Table 1. Traversing the Grave Creek Hills Trail: West to East

Table 2 - Average Grades for Grave Creek Hills Trail Station Segments

<b>Table 1. Traversing the Grave Creek Hills Trail: West to East</b>					
Station <sup>1</sup>	Grade <sup>2</sup>	Dist <sup>3</sup>	Bear <sup>4</sup>	Elev <sup>5</sup>	Comments (Botanical & Other) <sup>6</sup>
Richie’s Gap	17%	350	NE	2,060'	Richie’s Gap <sup>7</sup> is the location of an old Indian Trail
1. West Access	40%	100'	NNE	2,119'	Start of GCHT; 1,800' (.34 miles) to CCG Knob
2. Change	10%	400'	NNE	2,159'	
3. E-W Ridge	24%	850'	E	2,200'	
4. Transition	27%	450'	NE	2,400'	
5. Knob	20%	450'	E	2,520'	1,050' (.2 miles) to End of GCHT/Turn around. Along trail, not top of knob.
6. Saddle	10%	600'	E	2,430'	
7. East Access	4%	1,150'	SE	2,530'	End of GCHT/Turn around
Knob 2	13%	300'	E	2,680'	Knob 2 (along logging road, not a top of knob). Viewing of Sunny Valley
Viewing				2,540'	Saddle Viewing Area from clear cut of Hugo
Trail Total	14%	2,850'			Length of GCHT in feet (2,850'/5,280' = .54 miles)
<p>The information in this table is tentative and needs to be verified and updated in future field work.</p> <p>1. Station Name.</p> <p>2. Grade. Average Trail Grade is the steepness of the trail for its station sections between sections following the station identified (Appendix D; Table 2).</p> <p>3. Approximate Distance (Dist) in trail is a little less than ½ mile. Distances from Station are approximated in feet.</p> <p>4. General Bearing from Station (future inventory in degrees).</p> <p>5. Approximate Elevation at Station.</p> <p>6. Botanical Comments and Other (e.g., trail difficulty, condition of trail, soils, scenery, wildlife, wild flowers, vegetation, etc.).</p> <p>7. Hugo Neighborhood Association &amp; Historical Society. November 8, 2007. <i>Hugo’s Primary Indian Trail</i>. Brochure 3 Of Hugo’s Trails Brochure Series. Hugo, OR. <a href="http://www.hugoneighborhood.org/BROCHURE_3_Indian%20Primary%20122807.pdf">http://www.hugoneighborhood.org/BROCHURE_3_Indian%20Primary%20122807.pdf</a>;</p> <p>Hugo Neighborhood Association &amp; Historical Society. November 30, 2007. <i>Ritchie’s Indian Trail: Hugo, OR</i>. Brochure 4A Of Hugo’s Trails Brochure Series. Hugo, OR. <a href="http://www.hugoneighborhood.org/BROCHURE_4A_Indian%20Trail%20Ritchie%20122807.pdf">http://www.hugoneighborhood.org/BROCHURE_4A_Indian%20Trail%20Ritchie%20122807.pdf</a>;</p> <p>Hugo Neighborhood Association &amp; Historical Society. October 29, 2005. <i>Hugo’s Indian Trail</i>. Brochure 4B Of Hugo’s Trails Brochure Series. Hugo, OR. <a href="http://www.hugoneighborhood.org/BROCHURE_4B_Indian_Trail%20Bummer%20Cr%20102905.pdf">http://www.hugoneighborhood.org/BROCHURE_4B_Indian_Trail%20Bummer%20Cr%20102905.pdf</a>.</p>					

<b>Table 2 - Average Grades for Grave Creek Hills Trail Station Segments</b>							
<b>Station<sup>1</sup></b>	<b>Elev 1<sup>2</sup></b>	<b>Elev 2<sup>3</sup></b>	<b>Rise<sup>4</sup></b>	<b>Run<sup>5</sup></b>	<b>Slope<sup>6</sup></b>	<b>Width<sup>7</sup></b>	<b>Rating<sup>8</sup></b>
Richie's Gap	2,060'	2,119'	59'	350'	17%		Extremely Difficult
<b>1. West Access</b>	2,119'	2,159'	<b>40'</b>	<b>100'</b>	40%	50" plus	Extremely Difficult
<b>2. Change</b>	2,159'	2,200'	<b>41'</b>	<b>400'</b>	10%	50" plus	More Difficult
<b>3. E-W Ridge</b>	2,200'	2,400'	<b>200'</b>	<b>850'</b>	24%	50" plus	Extremely Difficult
<b>4. Transition</b>	2,400'	2,520'	<b>120'</b>	<b>450'</b>	27%	50" plus	Extremely Difficult
<b>5. Knob</b>	2,520'	2,420'	<b>100"</b>	<b>450'</b>	22%	50" plus	Extremely Difficult
<b>6. Saddle</b>	2,420'	2,530'	<b>110</b>	<b>600'</b>	28%	50" plus	Extremely Difficult
<b>7. East Access</b>	2,530'	2,680'		1,150'	4%	50" plus	Easiest
Knob 2	2,680'	2,540'		300'	13%	log road	Very Difficult
Viewing	2,540'					log road	
Trail Total	2,119'	2,680'		2,850'	14%		Very Difficult

The information in this table is tentative and needs to be verified and updated in future field work.

1. Station
2. Elevation 1. Elevation at start of run.
3. Elevation 2. Elevation at end of run.
4. Rise from elevation 1 to elevation 2.
5. Run is the distance between elevation 1 to elevation 2.
6. % Slope is based upon the rise over run from elevation 1 to elevation 2 ( $\% \text{ Slope} = \text{rise/run} \times 100$ ) (see Appendix D).
7. Trail Width. The trail was developed by quads (4 wheel quad bikes) and other all-terrain vehicles (ATV) (e.g., motor bikes, three-wheelers, or four-wheelers, etc.). Quads are 50" wide and less.
8. International Mountain Bicycling Association (IMBA) Trail Difficulty Rating System (see Appendix D).
  - Easiest (White Circle) - Average Trail Grade less than 5%. Maximum Trail Grade 10%.
  - Easy - (Green Circle) Average Trail Grade 5% or less. Maximum Trail Grade 15%.
  - More Difficult (Blue Square) - Average Trail Grade 10% or less. Maximum Trail Grade 15% or greater.
  - Very Difficult (Black Diamond) - Average Trail Grade 15% or less. Maximum Trail Grade 15% or greater.
  - Extremely Difficult (Double Black Diamond) - Average Trail Grade 20% or less. Maximum Trail Grade 15% or greater.