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November 10, 2015

VIA ELECTRONIC FILING

Ms. Kimberly D. Bose
Secretary
Federal Energy Regulatory Commission
888 First Street, NE
Washington, DC 20426

Re: FirstLight Hydro Generating Company, FERC Project Nos. 2485 and 1889
Request for Data Relating to Study No. 3.6.3 Whitewater Boating Evaluation and Study No. 3.6.7 Recreation Study at Northfield Mountain, Including Assessment of Sufficiency of Trails For Shared Use

Dear Secretary Bose:

At the September 30, 2015 Updated Study Report (USR) meeting for the relicensing of FirstLight Hydro Generating Company's (FirstLight) Turners Falls Hydroelectric and Northfield Mountain Pumped Storage Projects, FERC staff and American Whitewater (AW) requested data relating to Relicensing Study No. 3.6.3 *Whitewater Boating Evaluation*. Specifically, FERC staff and AW requested either the copies of the whitewater evaluation surveys that were completed in the field by study participants or a spreadsheet that compiled the responses contained in the completed surveys. On October 22, 2015, FirstLight posted copies of the completed whitewater evaluation surveys on the relicensing website at www.northfieldrelicensing.com/Pages/Documents2015.aspx in connection with the Relicensing Study 3.6.3 *Whitewater Boating Evaluation* Report. On October 29, 2015 FirstLight electronically filed the surveys with the Commission.

Subsequently, FirstLight has received requests for any spreadsheets created that tallied survey responses for both Relicensing Study No. 3.6.3 *Whitewater Boating Evaluation* and Relicensing Study No. 3.6.7 *Recreation Study at Northfield Mountain, Including Assessment of Sufficiency of Trails For Shared Use.* The spreadsheets for both studies are enclosed herein and are being posted to the relicensing website in connection with the respective study reports. If you have any questions, or need additional information, please feel free to contact me.

Sincerely,

John S. Howard

Cc: Bob Nasdor, American Whitewater
Norm Sims, Appalachian Mountain Club
Tom Christopher, New England FLOW
Andrea Donlon, Connecticut River Watershed Council
Adam Beeco, FERC

Encl.

John S. Howard
Director FERC Compliance, Hydro

FirstLight Power Resources, Inc.
99 Millers Falls Road
Northfield, MA 01360
Tel. (413) 659-4489/ Fax (413) 422-5900/
E-mail: john.howard@gdfsuezna.com

FirstLight Turners Falls Bypass Whitewater Boating Evaluation - 2,500 cfs

	Watercraft						
Name	HSK	OC1	C1	C2	Raft	Cataraft	SUP	Shredder
Guertin	1							
Mudeno	1							
Lessels	1							
Christophe	1							
Yarrus	1							
Stewart	1							
Tinney	1							
hudson	1							
Hvizdak	1							
SKallman	1							
	10							
Galway			1					
Murray			1					
Duclos			1					
Khorana			1					
Wyman			1					
Eichorn			1					
Michaud			1					
Glusman			1					
			8					
Robinson						1		
Blatchley						1		
Pennell						1		
Parker						1		
						4		
Kelly-Rand				1				
Gill				1				
				2				
Dowd							1	
							1	
Breau								1
								1

FirstLight Turners Falls Bypass Whitewater Boating Evaluation - 3,500 cfs

	Watercraft						
Name	HSK	OC1	C1	C2	Raft	Cataraft	SUP	Shredder
Tinney	1							
Yaruss	1							
Stewart	1							
Christophe	1							
Hvizdak	1							
Guertin	1							
Lessels	1							
Mudeno	1							
	8							

Michaud		1						
Glusman		1						
Murray		1						
Galway		1						
Duclos		1						
Eichorn		1						
		6						
Blalchley					1			
Parker					1			
Pennell					1			
Robinson					1			
					4			
SKallman						1		
TKallman						1		
Dowd						1		
						3		
Khorana								1
Wyman								1
								2
						3		***2***
Kelly-Rand			1					
Gill			1					
			2					
Breau							1	
							1	

FirstLight Turners Falls Bypass Whitewater Boating Evaluation - 5,000 cfs

			Watercraft					
Name	HSK	OC1	Ci	C2	Raft	Cataraft	SUP	Shredder
Stewart	1							
Yaruss	1							
Tinney	1							
Lessels	1							
Wyman	1							
O'Brien	1							
Dowd	1							
Christophe	1							
Hvizdak	1							
Mudeno	1							
	10							
Galway			1					
Eichorn			1					
Glusman			1					
Murray			1					
Michaud			1					
			5					
Gill					1			
Kelly-Rand					1			

				2				
Parker					1			
Bridges					1			
					2			
Tkallman						1		
Skallman						1		
						2		
Breau								1
								1

FirstLight Turners Falls Bypass Whitewater Boating Evaluation - 8,000 cfs

			Watercraft					
Name	HSK	OC1	Ci	C2	Raft	Cataraft	SUP	Shredder
Wyman	1							
Hvizdak	1							
Dowd	1							
Lessells	1							
Tinney	1							
Mudeno	1							
Stewart	1							
Yaruss	1							
Christophe	1							
	9							
Galway			1					
Murray			1					
Michaud			1					
Glusman			1					
Eichorn			1					
			5					
Kelly-Rand				1				
Gill				1				
				2				
Parker						1		
Bridges						1		
						2		
Skallman							1	
Tkallman							1	
							2	
Breau								1
								1

FirstLight Turners Falls Bypass Whitewater Boating Evaluation - 10,000 cfs

		Watercraft					
Name	HSK	OC1	Ci	C2	Raft	Cataraft	SUP	Shredder
Stewart		1						
Christophe		1						
Dowd		1						
Guertin		1						
Mooney		1						
Trolengber		1						
Randolph		1						
Perkins		1						
Tinney		1						
Clairborne		1						
Yaruss		1						
		11						
Murray			1					
Michaud			1					
Eichorn			1					
Galway			1					
Glusman			1					
			5					
Black						1		
Freeland						1		
Pytho						1		
Green						1		
Peterson						1		
Mooney						1		
Schayerman						1		
Mastorakiss						1		
Cohen						1		
Beauregard						1		
Joyce						1		
Jalil						1		
						12		
Kelly-Rand				1				
Gill				1				
				2				

FirstLight Turners Falls Bypass Whitewater Boating Evaluation - 13,000 cfs

		Watercraft					
Name	HSK	OC1	Ci	C2	Raft	Cataraft	SUP	Shredder
Yaruss		1						
Tinney		1						
Stewart		1						
Guertin		1						
Randolph		1						
Christophe		1						

Mooney	1						
Clairborne	1						
Dowd	1						
Perkins	1						
Trolengurg	1						
	11						
Michaud		1					
Murray		1					
Galway		1					
Eichon		1					
		4					
Beauregard					1		
Green					1		
Schamerman					1		
Joyce					1		
Peterson					1		
Jalil					1		
Mooney					1		
Cohen					1		
Mastorakis					1		
Freeland					1		
					10		
Gill			1				
			1				

Comparative Form

Watercraft Type

Name	HSK	OC1	C1	C2	Raft	Cataraft	SUP	Shredder
Skallman		1					1	
Guertin		1						
Randolph		1						
Hvizdak		1						
Wyman		1	1				1	
Lessels		1						
Mudano		1						
Dowd		1					1	
Christophe		1						
Tinney		1						
Stewart		1						
Claiborne		1						
Mooney		1						
Perkins		1						

Yaruss	1					
Trolenberg	1					
	16					
Duclos		1				
Khorana		1				1
Wyman	1	1		1		
Glusman		1				
Murray		1				
Michaud		1				
Galway		1				
Eichon		1				
		7				
Blalchley			1			
Pennell			1			
Robinson			1			
Parker			1			
Joyce			1			
Schauerman			1			
Peterson			1			
Bridges			1			
Jalil			1			
Green			1			
Cohen			1			
Mastorakis			1			
Mooney			1			
Beauregard			1			
Freeland			1			
			15			
Kelly-Rand				1		
Gill				1		
				2		
Tkallman					1	
Skallman	1				1	
Dowd	1				1	
Wyman	1	1			1	
Khorana		1				1
avg						
Breau						1
						1

Beg	Nov	Inter	Adv	Exp		Easy	Put-in Mod	Diff	Easy
					1		1		1
				1			1		
					1		1		
					1		1		
				1			1		
				1			1		
				1			1		
				1			1		
				1			1		
				1			1		
				7	***3***	***10***			***1***
				1			1		
			1				1		1
				1			1		
				1			1		
				1			1		
				1			1		
					1		1		
			1					1	
			2	***5***	***1***	***6***		***1***	***1***
				1			1		
				1			1		
				1			1		
				1			1		
				4		***4***			
				1			1		
			1					1	
			1	***1***		***1***		***1***	
				1					1
				1					***1***
			1				1		
			1				***1***		

Beg	Nov	Inter	Adv	Exp		Easy	Put-in Mod	Diff	Easy
				1			1		
				1			1		
				1			1		
					1		1		
				1			1		
					1		1		1
					1		1		
				1			1		
				5	***3***	***8***			***1***

				1		1			
			1				1		
			1			1			1
				1		1			
				1		1			
				1		1			
			2	***4***		***5***	***1***		***1***
				1		1			
				1			1		
				1			1		
				1		1			
				4		***2***	***2***		
				1					
		1				1			
				1				1	
		1		***2***		***1***		***1***	
				1		1			
				1		1			
				2		***2***			
		1		***4***		***3***		***1***	
			1			1			
				1		1			
			1	***1***		***2***			
			1			1			
			1			***1***			

						Put-in			
Beg	Nov	Inter	Adv	Exp		Easy	Mod	Diff	Easy
				1			1		
				1			1		
				1			1		
					1		1		
				1			1		
				1			1		
				1				1	
					1		1		
				1			1		
				1			1		
				8	***2***		***9***	***1***	
				1			1		
				1			1		
			1					1	
		1	1				1		1
				1			1		
		1	***2***	***3***			***4***	***1***	***1***
		1	1					1	
			1				1		

	1	***2***			***1***	***1***		
			1			1		
			1		1			
			2		***1***	***1***		
	1				1			
			1		1			1
	1		***1***		***2***			***1***
		1			1			
		1			***1***			

						Put-in		
Beg	Nov	Inter	Adv	Exp	Easy	Mod	Diff	Easy
				1		1		
				1		1		
				1			1	
					1	1		
				1		1		
				1		1		
				1		1		
				1		1		
					1	1		
				7	***2***	***8***	***1***	
				1		1		
		1	1			1		
				1		1		
			1				1	
				1		1		
		1	***2***	***3***		***4***	***1***	
				1		1		
			1				1	
			1	***1***		***1***	***1***	
				1			1	
				1		1		
				2		***1***	***1***	
				1		1		1
		1				1		
		1		***1***		***2***		***1***
		1				1		
		1				***1***		

Beg	Nov	Inter	Adv	Exp		Easy	Put-in Mod	Diff	Easy
				1			1		
					1		1		
				1			1		
					1		1		1
					1		1		
		1						1	
			1				1		
				1			1		
				1			1		
				1			1		
				1			1		
		1	***1***	***6***	***3***		***10***	***1***	***1***
			1						
				1			1		
				1			1		
				1			1		
			1					1	
			2	***3***			***3***	***1***	
					1		1		1
				1			1		
					1		1		
				1			1		1
					1		1		
					1		1		
				1			1		1
				1			1		
			1					1	
					1		1		
					1		1		
				1			1		
			1	***5***	***6***		***11***	***1***	***3***
				1			1		
			1					1	
			1	***1***			***1***	***1***	

Beg	Nov	Inter	Adv	Exp		Easy	Put-in Mod	Diff	Easy
				1			1		
				1			1		
				1			1		
					1		1		1
			1				1		
					1		1		

					1		1			
				1			1			
				1			1			
				1			1			
		1					1			
		1	***1***	***6***	***3***		***11***			***1***
				1			1			
		1	1				1			
				1			1			
				1			1			
		1	***1***	***3***			***4***			
					1		1			
				1				1		1
				1			1			1
					1		1			
					1		1			
				1			1			
					1		1			
			1					1		
				1			1			
				1			1			
			1	***5***	***4***		***8***	***2***		***2***
			1					1		
			1					***1***		

Skill Level

Beg	Nov	Inter	Adv	Exp
				1
				1
			1	
				1
				1
				1
				1
				1
				1
				1
				1
				1
				1
				1
				1
				1
				1

Times Boating Bypass

0	1 to 5	6 to 10	11 to 20
1			
1			
1			
1			
		1	
1			
			1
		1	
1			
			1
1			
		1	
1			

		1		1		
1					1	
1	***1***	***10***	***4***	***9***	***4***	***2***
		1		1		
		1		1		
		1		1		
	1				1	
1	1			1		
		1		1		
		1		1		
		1		1		
1	***2***	***5***		***6***	***1***	
		1			1	
		1		1		
		1		1		
		1		1		
			1		1	
		1			1	
			1		1	
		1		1		
		1		1		
		1		1		
	1			1		
		1		1		
			1			1
			1	1		
		1		1		
	1	**10**	**4**	**10**	**4**	**1**
		1			1	
	1				1	
	1	**1**			**2**	
1				1		
		1		1		
		1				1
		1		1		
		1		1		
	1			1		
	1			**1**		

Take-out			Rock Dam					Navigabilit
Mod	Diff	Run	Portage	Alt Route	Tot Unacc	Unacc	Neutral	Acc
		1						
1		1						
	1	1						
	1		1					1
1		1						
1				1				
1		1						1
1		1						
1		1						
			1					
6	***2***	***7***	***2***	***1***				***2***
	1	1						1
1				1				
1				1				
	1			1				
1				1				
	1	1						1
1		1						
	1			1				
4	***3***	***2***		***5***				***2***
	1	1						1
	1	1						1
	1	1					0	
	1	1						1
	4	***4***					***1***	***3***
	1			1				1
1	1	1						
1	***2***	***1***		***1***				***1***
	1			1				
	1			***1***				
	1	1						
	1	***1***						

Take-out			Rock Dam					Navigabilit
Mod	Diff	Run	Portage	Alt Route	Tot Unacc	Unacc	Neutral	Acc
	1	1						1
	1	1						
	1	1						
	1	1						
	1	1						
		1					0	
	1			1				1
	1	1						1
5	***2***	***7***	***1***				***1***	***3***

1		1						1
	1	1						
1				1				
	1	1						
1				1				
	1	1						
3	***3***	***4***		***2***				***1***
	1	1						
	1	1						1
	1	1						
	1	1						1
	4	***3***						***2***
	1	1						
	1		1					
	1							
	3	***1***	***1***					
	1	1						
	1	1						
	2	***2***						
	5	***3***	***1***					
	1			1				
	1	1						
	2	***1***		***1***				
1		1						
1		***1***						

Take-out			**Rock Dam**					**Navigabilit**
Mod	Diff	Run	Portage	Alt Route	Tot Unacc	Unacc	Neutral	Acc
1		1						1
1		1						
1		1						
	1	1		1				
1				1				
1		1						
	1							
	1	1						
1		1		1				
1		1						
7	***3***	***8***		***3***				***1***
	1	1		1				
	1	1		1				
	1	1						
1		1						
1		1						
2	***3***	***5***		***2***				
	1			1				1
	1			1				

	2			***1***				***1***
	1		1					1
1			1					
1	***1***		***2***					***1***
	1			1				
				1				
	1			***1***	***1***			
1			1					
1			***1***					

Take-out			**Rock Dam**					**Navigabilit**
Mod	Diff	Run	Portage	Alt Route	Tot Unacc	Unacc	Neutral	Acc
1				1				
1			1					
	1		1					
	1		1	1				
1			1					
1				1				
1			1	1				
1			1					
	1		1					
6	***3***		***7***	***4***				
	1		1	1				
1			1					
	1		1					
	1		1					
	1			1				
1	***4***		***4***	***2***				
	1			1				
	1		1					
	2		***1***	***1***				
	1			1				1
1				1				
1	***1***			***2***				***1***
			1					
1				1				
1				***1***	***1***			
1			1					
1			***1***					

Take-out			Rock Dam					Navigabilit
Mod	Diff	Run	Portage	Alt Route	Tot Unacc	Unacc	Neutral	Acc
1		1		1				
	1	1						
1		1						
		1						
1		1						1
1		1		1				
1		1						
	1	1		1				
1		1						
	1	1		1				1
1		1						
7	***3***	***11***		***4***				***2***
	1	1						
	1	1						
	1	1						
	1	1						
	4	***4***						
		1		1				
1	1	1						
	1	1						
		1						
1		1						1
1		1						
		1						1
	1	1		1				1
	1	1		1				1
1		1						1
1		1						
1		1						
6	***4***	***12***		***2***				***5***
	1			1				
	1	1						1
	2	***1***		***1***				***1***

Take-out			Rock Dam					Navigabilit
Mod	Diff	Run	Portage	Alt Route	Tot Unacc	Unacc	Neutral	Acc
1		1						
1		1						
1		1		1				
		1						
	1	1						1
	1	1						

1		1					
1		1	1				
	1	1					1
	1	1	1				
1		1	1				
6	***4***	***11***	***4***				***2***
	1	1					
1			1				
	1	1					1
	1	1					
1	***3***	***3***	***1***				***1***
1		1					
		1					
		1					1
1		1					
1		1				0	
1		1					
1		1					1
	1	1					
1		1					1
1		1					
7	***1***	***10***				***1***	***3***
	1	1				0	
	1	***1***				***1***	

Satisfaction Factors

>20	Avail Features	Size/Diff Features	Drive Distance	Access	Shuttle	Crowding	Weather	H2O Temp
	5	5	5	4	2	2	2	2
1	5	5	3	3	3	3	2	3
	4	3	4	3	2	2	1	2
	5	3	3	2	3	2	1	1
	4	3	2	2	1	2	3	1
	4	4	3	3	1	3	2	3
	5	5	3	3	1		2	2
	5	5	3	5	5	3	1	2
	4	3	3	3	4	5	2	1
	4	4	2	3		1	1	2
	4	3	3	3	1	3	1	1
	3	4	3	2	2	3	1	1
	5	4	3	2	3	2	1	1
	5	4	2	3	3	2	1	1

	5	4	3	3	1	2	2	1
	4	3	3	3	3	3	3	3
1	***4.4375***	***3.875***	***3***	***2.9375***	***2.1875***	***2.375***	***1.625***	***1.6875***
	4	4	3	4	1	4	4	4
	5	4	3	3	1	3	3	3
	4	3	2	2	1	2	3	1
	3	3	3	3	3	3		3
	5	3	3	4	1	2	1	2
	4	3	3	4	1	2	2	3
	5	3	3	3	2	1	2	1
	5	4	2	2	1	2	1	1
	4.375	***3.375***	***2.75***	***3.125***	***1.375***	***2.375***	***2.285714***	***2.25***
	4	4	2	3	2	3	3	1
	3	4	3	3	2	3	1	2
	4	4	1	3	1	3	2	2
	4	4	3	4	2.5	1	1	2
	5	5	2	2	1	2	1	1
	4	4	2	3	4	2	1	1
	4	4	2	3	2	3	2	2
	3	3	3	3	1	2	2	1
	4	4	5	5	5	3	2	2
	5	4	2	2	3	1	2	2
	4	4	1	2	1	2	1	1
	4	4	2	3	2	3	2	2
	4	4	4	4	1	3	2	2
	5	4	2	3	1	3	3	3
	3	4	1	3	3	2	2	2
	4	**4**	**2.333333**	**3.066667**	**2.1**	**2.4**	**1.8**	**1.733333**
	4	3	4	3	1	3	2	2
	5	3	3	3	2	3	3	2
	4.5	**3**	**3.5**	**3**	**1.5**	**3**	**2.5**	**2**
	4	4	4	3	2	2	3	4
	5	5	5	4	2	2	2	2
	5	5	3	5	5	3	1	2
	4	3	2	2	1	2	3	1
	5	4	3	3	1	3	3	3
	3.8	3.4	2.6	2.8	1.8	2	1.8	1.6
	4	4	3	3	2	4	3	3
	4	**4**	**3**	**3**	**2**	**4**	**3**	**3**

y			Challenging Technical Boating					
Tot Acc	Too low	Too high	Tot Unacc	Unacc	Neutral	Acc	Tot Acc	Too low
				-2				
2						0		
2						0		
						0		
2					-1			x
2						0		
					-1			
2					-1			
2					-1			x
2	x					0		
7			***1***		***4***	***5***		
	x				-1			x
2							1	
2						0		
2						0		
					-1			
					-1			x
2				-2				
2					-1			
5			***1***		***4***	***2***	***1***	
					-1			x
	x					0		x
	x				-1			x
						0		
					2	***2***		
							1	
2							1	
1							***2***	
2							1	
1							***1***	
2							1	
1							***1***	

y			Challenging Technical Boating					
Tot Acc	Too low	Too high	Tot Unacc	Unacc	Neutral	Acc	Tot Acc	Too low
							1	
2							1	
2								2
2								2
2					-1			x
					-1			
							1	
4					***2***		***3***	***2***

						0			
2					-1				
2							1		
2								2	
2							1		
2								2	
5					***1***	***1***	***2***	***2***	
2	x						1	x	
						0			
2					-1				
					-1			x	
2					***2***	***1***	***1***		
2							1		
2							1		
2							1		
3							***3***		
2						0			
2						0			
2						***2***			
5						***2***	***3***		
2							1		
2							1		
2							***2***		
2								2	
1								***1***	

y **Challenging Technical Boating**

Tot Acc	Too low	Too high	Tot Unacc	Unacc	Neutral	Acc	Tot Acc	Too low
							1	
2							1	
2						0		
2							1	
2							1	
2							1	
2							1	
2								2
2						0		
2								2
9						***2***	***6***	***2***
2							1	
2								2
2						0		
2							1	
2							1	
5						***1***	***3***	***1***
							1	
2							1	

1						***2***		
					0			
2						1		
1					***1***	***1***		
2							2	
2							2	
2							***2***	
2						1		
1						***1***		

y **Challenging Technical Boating**

Tot Acc	Too low	Too high	Tot Unacc	Unacc	Neutral	Acc	Tot Acc	Too low
2							2	
2					0			x
2							2	
2						1		
2					0			
2							2	
2							2	
2						1		
2							2	
9					***2***	***2***	***5***	
2						1		
2						1		
2						1		
2							2	
2							2	
5						***3***	***2***	
2						1		
2							2	
2						***1***	***1***	
						1		
2							2	
1						***1***	***1***	
2							2	
2							2	
2							***2***	
2							2	
1							***1***	

y			Challenging Technical Boating					
Tot Acc	Too low	Too high	Tot Unacc	Unacc	Neutral	Acc	Tot Acc	Too low
2						1		
2							2	
2							2	
2							2	
						1		
2							2	
2							2	
2					0			
2					0			
						1		
2					0			
9					***3***	***3***	***5***	
2							2	
2							2	
2							2	
2						1		
2						1		
5						***2***	***3***	
2							2	
2					0			
2					0			
2						1		
					0			
2				-1				
					0			
						1		
						1		
							2	
						1		
2						1		
6				***1***	***4***	***5***	***2***	
2							2	
						1		
1						***1***	***1***	

y			Challenging Technical Boating					
Tot Acc	Too low	Too high	Tot Unacc	Unacc	Neutral	Acc	Tot Acc	Too low
2						1		
2					0			
2							2	
2							2	
						1		
2							2	

					2
2				1	
				1	
2			0		
2				1	
8			***2***	***5***	***4***
2					2
2					2
				1	
2					2
3				***1***	***3***
2					2
2			0		
				1	
					2
	x	-1			
2				1	
		-1			
2				1	
		-1			
2		-1			
5		***4***	***1***	***3***	***2***
				1	
				1	

Craft & Skill Level Evaluation

Attrac. Scenery	H2O Quality	Thriil Exp	Safe Trip	2500	3500	5000	8000	10000
5	4	5	5	2	2	2	2	
2	3	2	4	-2	-1			2
2	3	4	5					1
2	4	4	5	-2	-2	-1	1	
4	5	2	2			2	2	
3	3	4	4	-1	0	1	2	
2	2	4	3	0	0	1	2	
3	5	4	5					2
3	4	3	5		2	2	2	2
1	3	2	3	-1	-1	0	1	1
3	5	5	5	1	1	1	1	2
2	2	3	4					1
2	2	5	5					2
2	3	5	5					0

2	3	5	5	-2	-1	1	2	2
2	3	3	3					2
2.5	***3.375***	***3.75***	***4.25***	***-0.625***	***0***	***1***	***1.666667***	***1.545455***
3	2	2	5	1	2			
3	3	2	5	1				
4	5	2	2	0				
3	3	3	3	0		0	1	1
2	4	3	5	-1	0	1	1	1
2	3	4	3	-2	-1	0	1	2
2	3	3	3	-1	2	2	2	
2	2	3	3	0	2	2	2	1
2.625	***3.125***	***2.75***	***3.625***	***-0.25***	***1***	***1***	***1.4***	***1.25***
2	3	5	3	-1	1			
2	4	5	5	-2	-1			
2	3	4	5	-1	-1			
4	4	3	5	-1	-1	0.5	1	
2	1	5	4					2
3	3	4	4					2
3	3	4	4					1
2	3	4	4			1	2	
4	4	4	5					2
2	2	4	4					2
1	2	4	4					1
2	3	4	4					1
3	3	3	5					1
3	4	4	5					2
1	1	5	1					1
2.4	**2.866667**	**4.133333**	**4.133333**	**-1.25**	**-0.5**	**0.75**	**1.5**	**1.5**
3	3	2	4	1	2	2	2	1
3	3	3	3		2	2		1
3	**3**	**2.5**	**3.5**	**1**	**2**	**2**	**2**	**1**
4	4	4	4		0	1	2	
5	4	5	5	2	2	2	2	
3	5	4	5					2
4	5	2	2		1			
3	3	2	5		1			
3	3.4	2.6	3.4	2	1	1	1	2
4	3	4	4	1			2	
4	**3**	**4**	**4**	**1**			**2**	

Avail Powerful Hydralics

Too high	Tot Unacc	Unacc	Neutral	Acc	Tot Acc	Too low	Too high	Tot Unacc
	-2							-2
				0				
			-1			x		
			-1					
			-1			x		-2
				0				
			-1					
			-1					
			-1			x		-2
				0				
	1	***6***	***3***					***3***
	-2					x		
				0				
			-1			x		
			-1			x		
			-1					
			-1			x		
	-2							
			-1					
	2	***5***	***1***					
			-1			x		
				0		x		
	-2					x		
			-1					
	1	***2***	***1***					
					1			
					1			
					2			
				0				
				1				
				0				
				1				

Avail Powerful Hydralics

Too high	Tot Unacc	Unacc	Neutral	Acc	Tot Acc	Too low	Too high	Tot Unacc
			-1					
			-1			x		-2
					1			
						2		
			-1			x		
			-1					
				0				
				0				
			4	***2***	***1***	***1***		***1***

		-1							
		-1							
				1					
				1					
		-1				x			
			0						
		3	***1***	***2***					
			0						
		-1							
		-1							
		-1				x			
		3	***1***						
					2				
				1					
				1					
				2	***1***				
			0						
			0						
			2						
			2	***2***	***1***				
				1					
				1					
				2					
				1					
				1					

Avail Powerful Hydralics

Too high	Tot Unacc	Unacc	Neutral	Acc	Tot Acc	Too low	Too high	Tot Unacc
					1			
				0				
				0				
					1			
				0				
				0				
					1			
						2		
				0				
						2		
				5	***3***	***2***		
				0				
					1			
				0				
					1			
				0				
				3	***2***			
						2		
					1			

					1	***1***			
			-1						
				0					
			1	***1***					
						2			
						2			
						2			
				0					
				1					

Avail Powerful Hydralics

Too high	Tot Unacc	Unacc	Neutral	Acc	Tot Acc	Too low	Too high	Tot Unacc
						2		
x					1			
						2		
					1			
					1			
						2		
					1			
					1			
						2		
					5	***4***		
				0				
					1			
					1			
						2		
						2		
				1	***2***	***2***		
						2		
						2		
						2		
				0	1			
						2		
					1	***1***		
						2		
						2		
						2		
					1			
					1			

Avail Powerful Hydralics

Too high	Tot Unacc	Unacc	Neutral	Acc	Tot Acc	Too low	Too high	Tot Unacc
					1			
						2		
						2		
						2		
				0				
					1			
					1			
				0				
					1			
					1			
				0				
				3	***5***	***3***		
						2		
					1			
				0				
				0				
						2		
				2	***1***	***2***		
						2		
			-1					
				0				
				0				
					1			
			-1					
					1			
						2		
						2		
						2		
						2		
					1			
			2	***2***	***3***	***5***		
						2		
						2		
						2		

Avail Powerful Hydralics

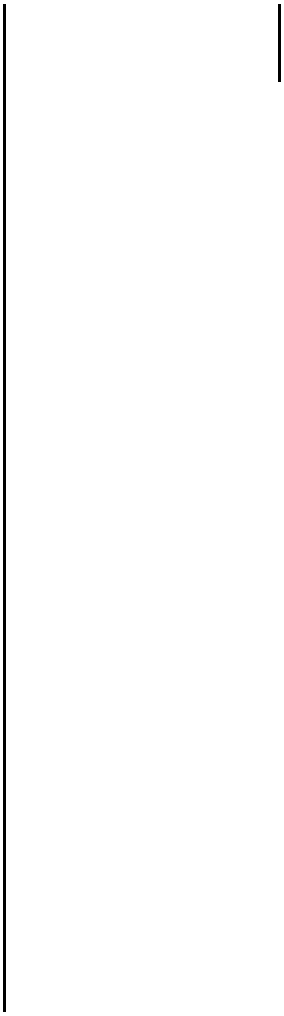
Too high	Tot Unacc	Unacc	Neutral	Acc	Tot Acc	Too low	Too high	Tot Unacc
				0				
				0				
						2		
						2		
						2		
						2		

						2					
						2					
					1						
				0							
					1						
				3	***2***	***6***					
						2					
						2					
				0							
						2					
				1		***3***					
					1						
						2					
						2					
						2					
				0							
					1						
x			-1					x			
					1						
			-1								
			-1								
			3	***1***	***3***	***3***					
						2					
						1					

Craft & Skill Level Eval

13000	Min Acc Flow	Optimum Flow	2500	3500	5000	8000	10000	13000
	3000	8000				2		
2	5000	10000	-2	-1			1	2
1	7000	9000					1	1
	5000	8000+	-2	-2	1	0		
	5000	8000			2	2		
	2500	7-10K	0	1	2	2		
	5000	8000	0	0	1	2		
	8000	10000			0	1	2	0
	3500	5000	1	2	2	2	2	2
1	5000	9-10K	-1	-1	0	1	1	1
2	2500	unsure	0	0	1	1	2	2
2	7500	13000					1	2
2	7500	13000					2	2
0							0	0

1	5000	8000	-2	-1	1	2	2	1
2	5000	8500					2	2
1.444444	***5100***	***~9100***	***-0.75***	***-0.25***	***1.111111***	***1.5***	***1.454545***	***1.363636***
	2500	3500	1	2				
	2500	3500	1					
	5000	8000	2					
	2500	8000	0	0	1	1	0	
1	3500	5000						
1	8000	10000	-2	-1	0	1	2	1
	3500	10000	-1	2	2	1	2	1
1	3500	5000	0	2	2	2	1	1
1	***4428.571***	***7571.429***	***0.142857***	***1***	***1.25***	***1.25***	***1.25***	***1***
	4000	6000	-1	1				
	3500+	unsure	-1	-0.5				
	4000	5-8K	-1	-1				
	5000	10000	-1	-1	1	1		
2	10000	13000					2	2
2	2500	10000					2	2
1	3000	8000					1	1
	5000	9-10K			1	2		
2	10000	10000-					2	2
1	5000	10000					2	1
1	5000	8-9K					1	1
-1	5000	5-10K					1	-1
0.5	3500	5-8K					1	0.5
2	10000	10000					2	2
1	5000	5-50K					0	0
1.15	**~5400**	**~10200**	**-1**	**-0.375**	**1**	**1.5**	**1.4**	**1.05**
	2500	5000	1	2	2	2	1	
1	2500	5000	1	2	2	2	2	1
1	**2500**	**5000**	**1**	**2**	**2**	**2**	**1.5**	**1**
	3500	8000		1	2	2		
	3000	8000				2		
	8000	10000	0	0				
	5000	8000		2				
	2500	3500		1				
0			0	1	2	2	0	0
	2500	8000	2	2	2	2		
	2500	**8000**	**2**	**2**	**2**	**2**		



Avail WW Play Areas						Overal WW Challenge		
Unacc	Neutral	Acc	Tot Acc	Too low	Too high	Tot Unacc	Unacc	Neutral
						-2		
		0						0
	-1			x			-1	
		0						0
				x			-1	
		0						0
				x				
	-1					-2		
				x		-2		
			1					0
2	***3***		***1***			***3***	***2***	***4***
	-1			x			-1	
		0						0
		0					-1	
		0					-1	
	-1						-1	
		0						0
	-1					-2		
		0					-1	
3	***5***					***1***	***5***	***2***
	-1			x			-1	
			1	x			-1	
	-1			x			-1	
	-1						-1	
3			***1***				***4***	
			1					
			1					
			2					
		0						0
		1						***1***
			1					
			1					

Avail WW Play Areas						Overal WW Challenge		
Unacc	Neutral	Acc	Tot Acc	Too low	Too high	Tot Unacc	Unacc	Neutral
	-1							0
				x				0
			1					0
				2				
	-1			x		-2		
	-1						-1	
		0						0
			1					
3	***1***		***2***	***1***		***1***	***1***	***4***

-1							-1	
-1							-1	
		1						
			2					
		1						0
			2					
2		***2***	***2***				***2***	***1***
		1		x				
-1							-1	
-1							-1	
-1				x				0
3		***1***					***2***	***1***
		1						
		1						
		1						
		3						
	0							0
	0							0
	2							***2***
	2	***3***						***2***
			2					
	0	1						
		1	***1***					
		1						
		1						

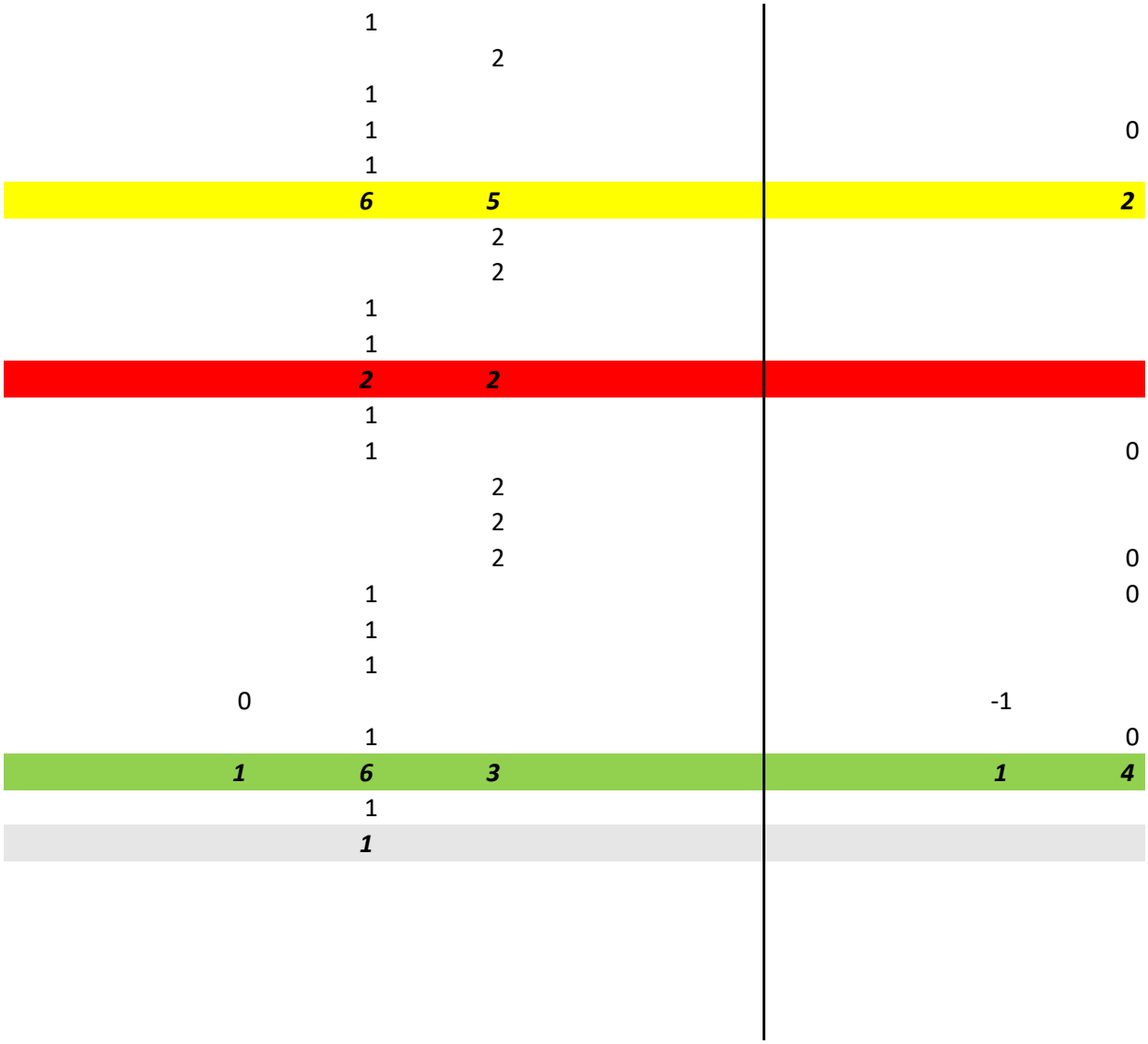
Avail WW Play Areas							**Overal WW Challenge**	
Unacc	Neutral	Acc	Tot Acc	Too low	Too high	Tot Unacc	Unacc	Neutral
		1						
	0							
	0	1						0
		1						
		1						0
	0							0
		1						
			2					
	0							0
			2					
	4	***5***	***2***					***4***
		1						
			2					
	0							0
		1						
	0							0
	2	***2***	***1***					***2***
		1						
		1						

			2					
	-1							0
			1					
	1		***1***					***1***
				2				
				2				
				2				
			1					
			1					

Avail WW Play Areas							**Overal WW Challenge**	
Unacc	Neutral	Acc	Tot Acc	Too low	Too high	Tot Unacc	Unacc	Neutral
				2				
			1					0
				2				
				2				
			1					0
				2				
			1					
		0						
				2				
	1		***3***	***5***				***2***
			1					
			1					
			1					
				2				
				2				
			3	***2***				
			1					
			1					
			2					
		0	1					
				2				
			1	***1***				
				2				
				2				
				2				
				2				
				1				

Avail WW Play Areas						Overal WW Challenge		
Unacc	Neutral	Acc	Tot Acc	Too low	Too high	Tot Unacc	Unacc	Neutral
			1					
				2				
				2				
				2				
			1					0
			1					
			1					
		0						0
			1					0
			1					0
			1					0
		1	***7***	***3***				***5***
				2				
				2				
				2				
			1					
				2				
			1	***4***				
				2				
		0					-1	
		0						
			1					
				2				
			1					0
			1					0
		0						
				2				
			1					0
			1				-1	
			1					
		3	***6***	***3***			***2***	***3***
			1					
			1					
			2					

Avail WW Play Areas						Overal WW Challenge		
Unacc	Neutral	Acc	Tot Acc	Too low	Too high	Tot Unacc	Unacc	Neutral
			1					
			1					0
				2				
				2				
				2				
				2				



River Comparison

diff boat experiences	Diff skill levels	Isn't important	w/in 1 hour drive	Mass rivers	Northeast Rivers	US rivers		2500
3	4		0		-1	-1	Skallman	1
4	4		3	3	1	1	Guertin	1
4	4		0	0	0		Randolph	
5	5				0	-1	Hvizdak	1
2	3		0	0	0	0	Wyman	oc1
4	4		0	0	-1	-1	Lessels	1
3	4		1	0	0	0	Mudano	1
3	3		3	3	2	1	Dowd	cataraft
4	5		2	2	1	1	Christophe	1
2	3		-1	-1	0	-1	Tinney	1
4	4						Stewart	1
4	4		0	0	-1	-1	Claiborne	
5	5		2	1	1	1	Mooney	
4	4		-1	-1	-1	-1	Perkins	

4	4		0	-1	-1	-1	Yaruss	1
3	3		0	0	0	0	Trolengurg	
3.625	***3.9375***		***0.642857***	***0.461538***	***0***	***-0.21429***		
4	4		0	1	0	0	Duclos	1
4	5		-1	0	-1	-1	Khorana	1
2	3		0	0	0	0	Wyman	oc1
4	3		-1	-1	-1	-1	Glusman	1
4	4		0	0	0	0	Murray	1
3	4		1	0	0	0	Michaud	1
4	4		0	0	0	0	Galway	1
4	5		1	0	1	0	Eichon	1
3.625	***4***	***0***	***0***	***0***	***-0.125***	***-0.25***		
4	5		-1	-1	-1	-1	Blalchley	1
2	4		1	0	0	-1	Pennell	1
4	5		-1	-1	-1	-1	Robinson	1
1	1		0	0			Parker	1
5	1		3	3	2	1	Joyce	
3	4		2	1	0	0	Schauerman	
4	4		1	1	0	-1	Peterson	
3	3		1	2	1	0	Bridges	
5	5		1	0	-1	-1	Jalil	
4	4		2	1	0	-1	Green	
3	4		0	0	-1		Cohen	
2	3		-1	-1	-1	-1	Mastorakis	
4	4		1	1	2	-1	Mooney	
5	5		2	2	1	1	Beauregard	
3	2		-1	-1	-1	-1	Freeland	
3.466667	**3.6**	**0**	**0.666667**	**0.466667**	**0**	**-0.53846**		
4	4		0	0	0	0	Kelly-Rand	1
4	5		0	0	0	0	Gill	1
4	**4.5**	**0**	**0**	**0**	**0**	**0**		
4	4		0		0		Tkallman	
3	4		0		-1	-1		
3	3		3	3	2	1	Dowd	cataraft
2	3		0	0	0	0	Wyman	oc1
4	5		-1	0	-1	-1	Khorana	1
2.4	3	0	0.4	1	0	-0.25		
4	4		0	0	0	0	Breau	1
4	**4**		**0**	**0**	**0**	**0**		

Acc	Tot Acc	Too low	Too high	Tot Unacc	Unacc	Neutral	Safety Acc	Tot Acc
							0	
								2
		x					0	
								1
		x						2
								2
	1							1
								1
		x						2
								2
	1						***2***	***3***	***5***
		x							2
									2
		x							2
		x							2
								1	
									2
									2
									2
								1	***7***
		x							2
		x							2
		x							2
							0		
							1		***3***
	1							1	
	1							1	
	2							***2***	
							0		
							1		
	1								2
	1								***1***

Acc	Tot Acc	Too low	Too high	Tot Unacc	Unacc	Neutral	Safety Acc	Tot Acc
								1
								2
								1
	1							2
		x						2
							0	
								1
	1							2
	2						***1***	***3***	***4***

								2
								2
	1							2
	1						1	
								2
	1							2
	3						***1***	***5***
	1	x						2
							1	
						0		
							1	
	1					***1***	***2***	***1***
	1							2
	1						1	
	1					0		
	3					***1***	***1***	***1***
								2
								2
								2
	3					***1***	***1***	***3***
	1						1	
	1						1	
	2						***2***	
		2						2
		1						***1***

Acc	Tot Acc	Too low	Too high	Tot Unacc	Unacc	Neutral	**Safety** Acc	Tot Acc
	1							2
	1							2
								2
	1							2
								2
								2
	1						1	
		2						2
								2
		2						2
	4	***2***					***1***	***9***
	1						1	
	1						1	
						0		
	1							2
								2
	3					***1***	***2***	***2***
	1						1	
	1						1	

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1								2
1							***1***	***1***
	2							2
	2							2
	2							***2***
	2							2
	1							***1***

							Safety	
Acc	Tot Acc	Too low	Too high	Tot Unacc	Unacc	Neutral	Acc	Tot Acc
	1							2
								2
		2						2
	1						1	
								2
		2						2
	1							2
	1							2
		2						2
	4	***3***					***1***	***8***
	1							2
	1							2
	1							2
		2						2
	1						1	
	4	***1***					***1***	***4***
	1						1	
		2					1	
	1	***1***					***2***	
	1						1	
		2						2
	1	***1***					***1***	***1***
		2						2
		2						2
		2						***2***
		2						2
		1						***1***

Acc	Tot Acc	Too low	Too high	Tot Unacc	Unacc	Neutral	Safety Acc	Tot Acc
	1							2
		2						2
		2						2
	1						1	
								2
	1							2
	1							2
							1	
	1							2
						0		
								2
	5	***2***				***1***	***2***	***8***
		2						2
		2						2
	1						1	
	1						1	
	1					0		
	3	***2***				***1***	***2***	***2***
	1							2
						0		
	1							2
		2						2
	1						1	
								2
							1	
	1						1	
	1							2
							1	
								2
	1							2
	6	***1***				***1***	***4***	***7***
	1						1	
	1						1	
	2						***2***	

Acc	Tot Acc	Too low	Too high	Tot Unacc	Unacc	Neutral	Safety Acc	Tot Acc
	1							2
								2
		2					1	
		2						2
		2						2
		2						2

	2			2
1			0	
1				1
				1
1				2
4	***5***		***1***	***3***	***7***
	2				2
	2				2
1			0		
	2			1	
1	***3***		***1***	***1***	***2***
1					2
					2
1				1	
1					2
				1	
					2
1					2
1					2
			0		
			0		
5			***2***	***2***	***6***
1				1	
1				***1***	

Flows Run

3500	5000	8000	10000	13000
cataraft	cataraft	cataraft		
1			1	1
			1	1
1	1	1		
shredder	1	1		
1	1	1		
1	1	1		
cataraft	1	1	1	1
1	1	1	1	1
1	1	1	1	1
1	1	1	1	1
			1	1
			1	1
			1	1

	1	1	1	1	1
				1	1
	1				
shredder					
shredder		1	1		
	1	1	1	1	
	1	1	1	1	1
	1	1	1	1	1
	1	1	1	1	1
	1	1	1	1	1
	1				
	1				
	1				
	1	1	1		
				1	1
				1	1
				1	1
		1	1		
				1	1
				1	1
				1	1
				1	1
				1	1
				1	1
				1	1
	1 C2		1	1	
	1 C2		1	1	1
	1	1	1		
cataraft		1	1	1	1
shredder		1	1		
shredder					
	1	1	1		

					Aesthetics			
Too low	Too high	Tot Unacc	Unacc	Neutral	Acc	Tot Acc	Too low	Too high
					0			
							2	
						1		
							2	
					0			
						1		
							2	
							2	
							2	
							2	
					2	***2***	***6***	
						1		
						1		
							2	
							2	
						1		
						1		
					0			
				-1				
				1	***1***	***4***	***2***	
						1		
x							2	
					0			
						1		
					1	***2***	***1***	
							2	
							2	
							2	
						1		
						1		
							2	
							1	

					Aesthetics			
Too low	Too high	Tot Unacc	Unacc	Neutral	Acc	Tot Acc	Too low	Too high
							2	
					0			
						1		
							2	
							2	
					0			
						1		
							2	
					2	***2***	***4***	

				0				
				0				
					1			
					1			
						2		
					1			
				2	***3***	***1***		
						2		
					1			
				0				
					1			
				1	***2***	***1***		
						2		
						2		
					1			
					1	***2***		
						2		
						2		
						2		
					1	***4***		
						2		
						2		
						2		
						2		
						1		

Aesthetics

Too low	Too high	Tot Unacc	Unacc	Neutral	Acc	Tot Acc	Too low	Too high
					1			
				0				
						2		
					1			
						2		
					1			
					1			
						2		
						2		
						2		
				1	***4***	***5***		
				0				
					1			
				0				
					1			
				0				
				3	***2***			
					1			
						2		

					1	***1***		
					1			
					1			
					2			
						2		
						2		
						2		
						2		
						1		

Aesthetics

Too low	Too high	Tot Unacc	Unacc	Neutral	Acc	Tot Acc	Too low	Too high
							2	
							2	
							2	
						1		
							2	
							2	
						1		
					0			
							2	
					1	***2***	***6***	
						1		
						1		
					0			
							2	
						1		
					1	***3***	***1***	
							2	
							2	
							2	
						1		
						1		
						2		
							2	
							2	
							2	
							2	
							1	

					Aesthetics			
Too low	Too high	Tot Unacc	Unacc	Neutral	Acc	Tot Acc	Too low	Too high
					1			
						2		
					1			
				0				
					1			
						2		
					1			
					1			
						2		
				0				
				0				
				3	***5***	***3***		
					1			
				0				
					1			
					1			
				0				
				2	***3***			
						2		
				0				
						2		
						2		
				0				
					1			
					1			
				0				
				0				
					1			
					1			
						2		
				4	***4***	***4***		
						2		
						2		
						2		

					Aesthetics			
Too low	Too high	Tot Unacc	Unacc	Neutral	Acc	Tot Acc	Too low	Too high
				0				
						2		
					1			
						2		
						2		
						2		

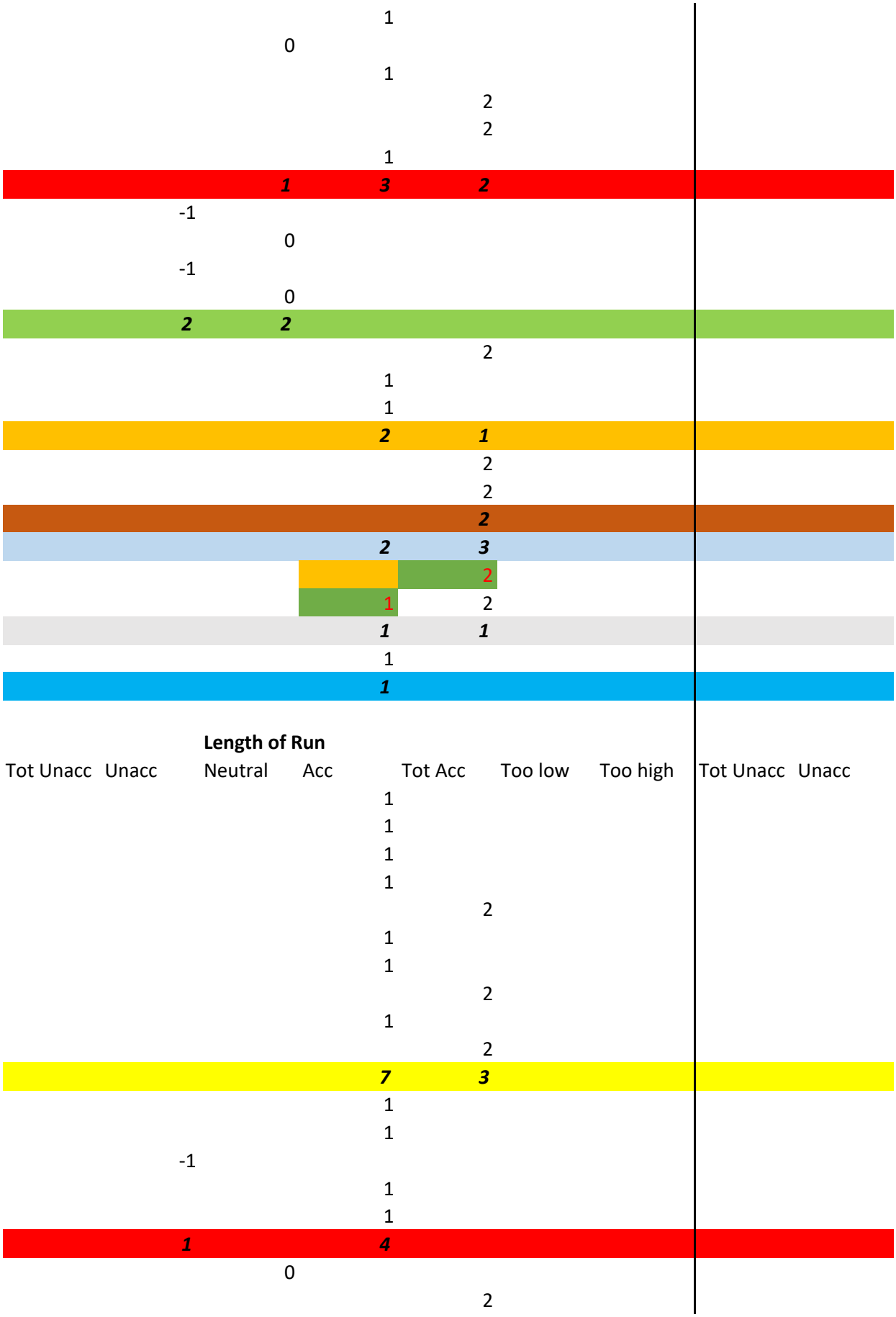
			1	
		0		
			1	
		0		
			1	
		3	***4***	***4***
		0		
			1	
			1	
			1	
		1	***3***	
				2
				2
			1	
				2
		0		
				2
			1	
		0		
		0		
		3	***2***	***4***
				2
				1

Length of Run

Tot Unacc	Unacc	Neutral	Acc	Tot Acc	Too low	Too high	Tot Unacc	Unacc
			0					
					2			
			0					
					2			
			0					
				1				
				1				
				1				
				1				
				1				
			3	***5***	***2***			
			0					
				1				
					2			
					2			
					2			
				1				
					2			
		-1						
		1	***1***	***2***	***4***			
			0					
		-1						
					x			
			0					
				1				
		1	***2***	***1***				
					2			
			0					
			1		***1***			
			0					
			1					
				1				
				1				

Length of Run

Tot Unacc	Unacc	Neutral	Acc	Tot Acc	Too low	Too high	Tot Unacc	Unacc
				1				
			0					
				1				
					2			
				1				
			0					
				1				
					2			
			2	***4***	***2***			


Length of Run
Tot Unacc
Unacc
Neutral
Acc
Tot Acc
Too low
Too high
Tot Unacc
Unacc

			1		***1***			
			0					
				1				
			1	***1***				
					2			
					2			
					2			
				1				
				1				

Length of Run

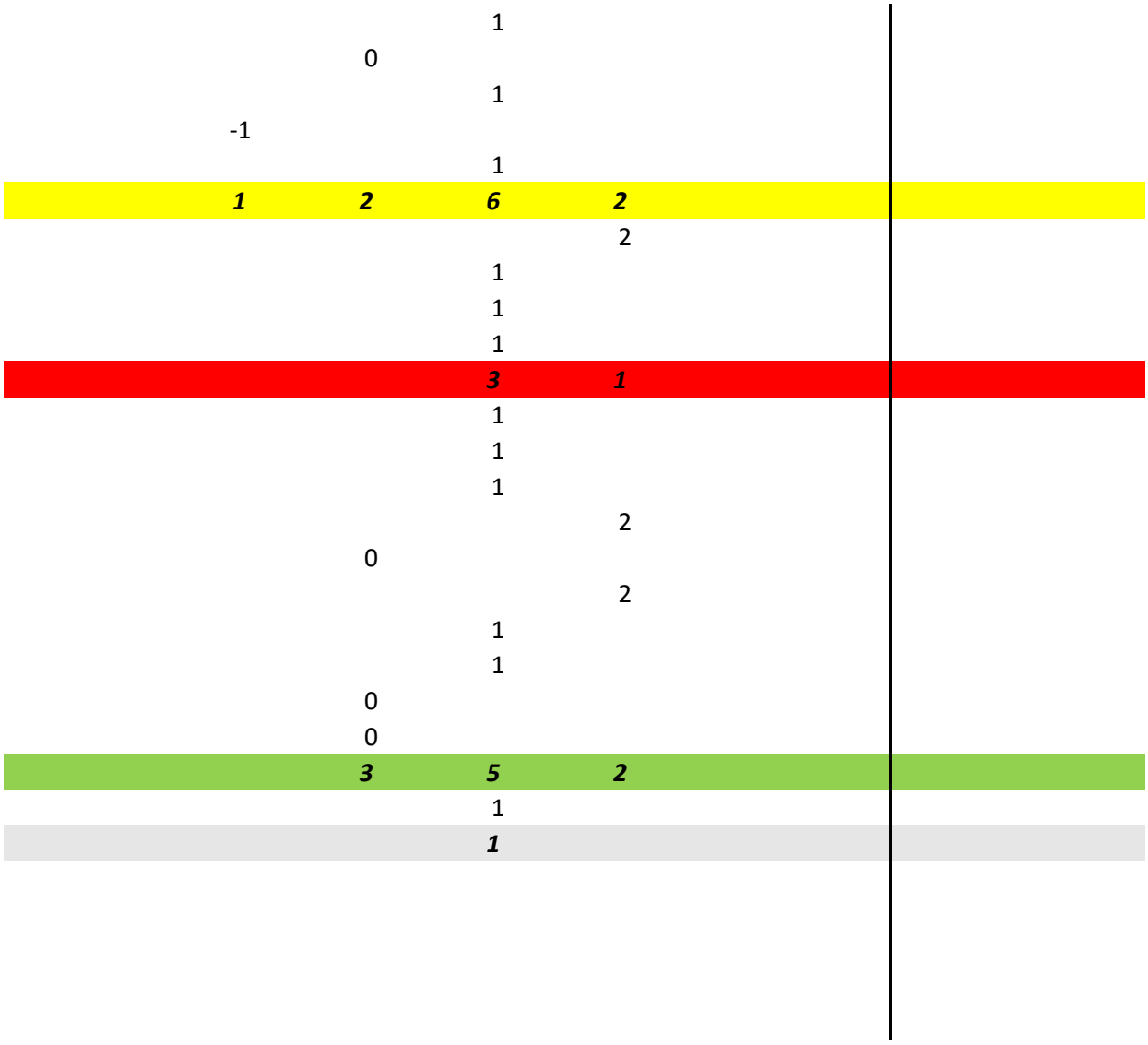
Tot Unacc	Unacc	Neutral	Acc	Tot Acc	Too low	Too high	Tot Unacc	Unacc
					2			
				1				
					2			
				1				
				1				
					2			
				1				
			0					
					2			
			1	***4***	***4***			
					2			
				1				
				1				
					2			
				1				
				3	***2***			
					2			
				1				
				1	***1***			
				1				
				1				
				2				
					2			
					2			
					2			
				1				
				1				

Length of Run

Tot Unacc	Unacc	Neutral	Acc	Tot Acc	Too low	Too high	Tot Unacc	Unacc
				1				
					2			
				1				
			0					
					2			
				1				
				1				
		-1						
					2			
			0					
			0					
		1	***3***	***4***	***3***			
				1				
					2			
				1				
				1				
			0					
			1	***3***	***2***			
					2			
			0					
				1				
				1				
			0					
				1				
			0					
				1				
			0					
				1				
				1				
				1				
			4	***7***	***1***			
					2			
				1				
				1	***1***			

Length of Run

Tot Unacc	Unacc	Neutral	Acc	Tot Acc	Too low	Too high	Tot Unacc	Unacc
			0					
				1				
				1				
					2			
				1				
					2			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-1
1
1 2 6 2
2
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1
1
3 1
1
1
1
2
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1
0
0
3 5 2
1
1

No. of Portages					Boating Instruction			
Neutral	Acc	Tot Acc	Too low	Too high	Tot Unacc	Unacc	Neutral	Acc
0							0	
			2					
			2					1
0								
			2			-1		
0								1
			2					1
			2					
			2			-1		
								1
3		***6***				***2***	***1***	***4***
0								1
			2					1
			2					
			2					1
0								1
			2					1
			2					1
0							0	
3		***5***					***1***	***6***
			2					
0							0	
0								
0								1
3		***1***					***1***	***1***
	1							
	1							
	2							
0								
1								
			2					
				1				

No. of Portages					Boating Instruction			
Neutral	Acc	Tot Acc	Too low	Too high	Tot Unacc	Unacc	Neutral	Acc
			2					1
			2					1
0								1
0								
			2				0	
0							0	
			2					1
			2					
3		***5***					***2***	***4***

			2								
0										0	
		1									1
0											1
			2								1
			2								
2		***1***	***3***							***1***	***3***
0											1
		1								0	
			2								
			2								
1		***1***	***2***							***1***	***1***
			2								
		1									1
		1									1
		2	***1***								***2***
			2								1
			2								1
			2								***2***
		2	***3***								***4***
			2								1
		1									1
		1	***1***								***2***
0											1
1											***1***

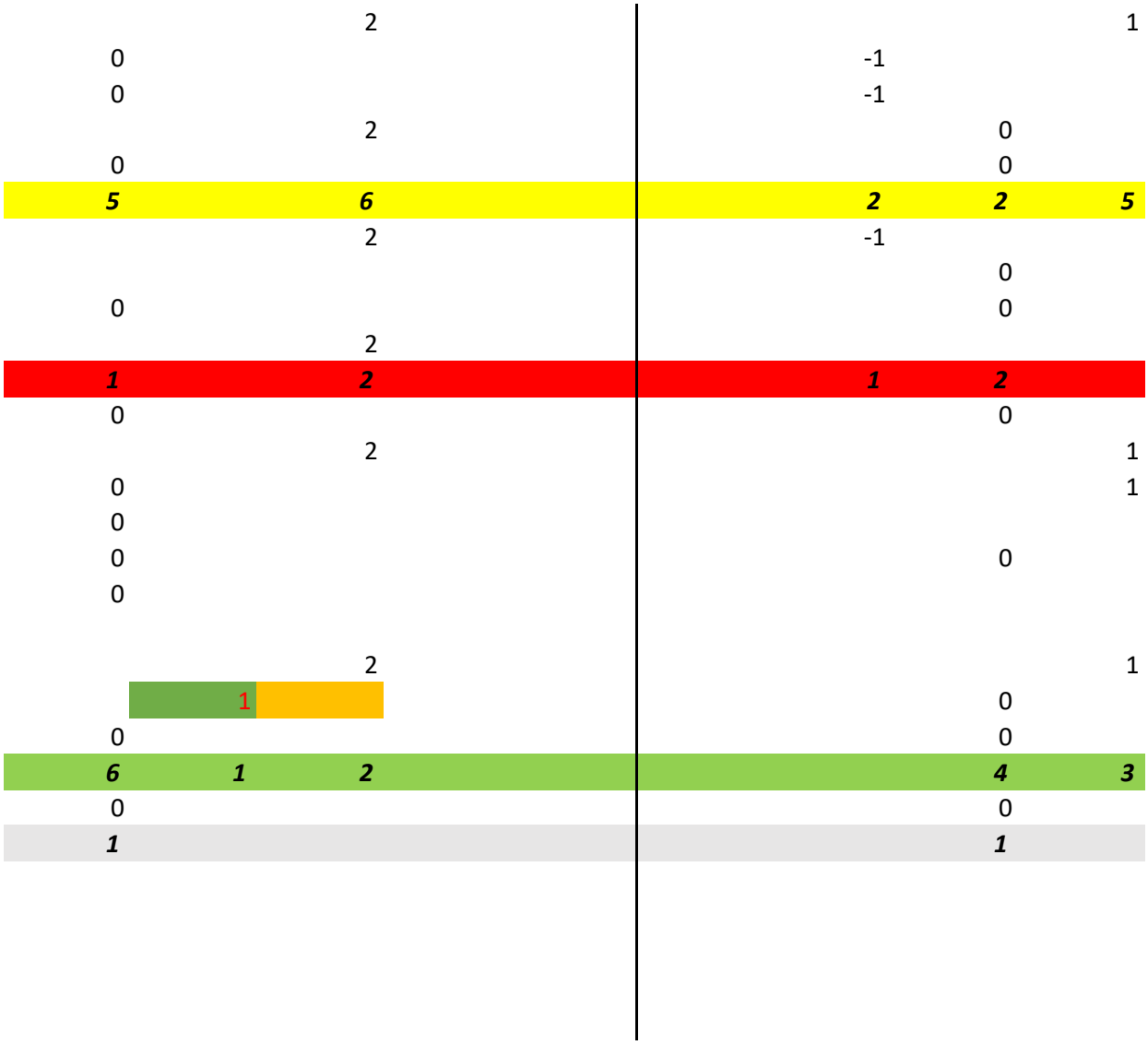
No. of Portages							**Boating Instruction**	
Neutral	Acc	Tot Acc	Too low	Too high	Tot Unacc	Unacc	Neutral	Acc
	0							1
			2					1
			2					1
			2					1
			2			-1		
			2					
	0							1
	0							
			2					1
			2					
	3		***7***			***1***		***6***
			2					1
			2					
	0						0	
	0							
			2					1
	2		***3***				***1***	***2***
	0							1
		1						

1	***1***								***1***
0								0	
0								0	
2								***2***	
	1								
		2							
	1	***1***							
0									1
1									***1***

No. of Portages							**Boating Instruction**	
Neutral	Acc	Tot Acc	Too low	Too high	Tot Unacc	Unacc	Neutral	Acc
	0							1
		2						1
	0							1
		2						1
		2						1
		2						
	0							1
		2						1
	0							
	4	***5***						***7***
		2					0	
								1
		2						1
		2						
		2						
		4					***1***	***2***
		2					0	
	0						0	
	1	***1***					***2***	
	0						0	
	0						0	
	2						***2***	
		2						
		2						
		2						
	0							1
	1							***1***

No. of Portages					Boating Instruction			
Neutral	Acc	Tot Acc	Too low	Too high	Tot Unacc	Unacc	Neutral	Acc
0								1
0								
	1							1
0							0	
			2					1
	1						0	
0								1
			2				0	
			2					1
0						-1		
			2					1
5	***2***	***4***				***1***	***3***	***6***
			2					1
			2				0	
			2				0	
			2				0	
0							0	
1		***4***					***4***	***1***
			2					
			2				0	
0								1
			2				0	
0							0	
0							0	
			2					1
			2					
0							0	
			2				0	
0								
5		***6***					***6***	***2***
			2				0	
0							0	
1		***1***					***2***	

No. of Portages					Boating Instruction			
Neutral	Acc	Tot Acc	Too low	Too high	Tot Unacc	Unacc	Neutral	Acc
			2					1
			2					1
0								1
			2					
0								1
			2					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0
0
0
0
2
1
1
0
0
0
0
6
1
2
4
3
0
0
1
1

Tot Acc	Too low	Too high	Tot Unacc	Unacc	Overall Rating Neutral	Acc	Tot Acc	Too low
				-2				
	2						1	
						0		
	2						1	
	x			-2				x
							1	
								x
	2				-1			
	x			-2				x
							1	
	3			***3***	***1***	***1***	***4***	
						0		
							1	
	2							2
						0		
							1	
						0		
					-1			
						0		
	1				***1***	***4***	***2***	***1***
					-1			x
						0		x
	2				-1			x
						0		
	1				***2***	***2***		
	2						1	
							1	
	1						***2***	
								2
								1
	2							2
	1							***1***

Tot Acc	Too low	Too high	Tot Unacc	Unacc	Overall Rating Neutral	Acc	Tot Acc	Too low
						0		
						0		
							1	
	2							2
					-1			
					-1			
							1	
	2						1	
	2				***2***	***2***	***3***	***1***

2						0				
						0				
							1			
								2		
							1			
2								2		
2						***2***	***2***	***2***		
							1	x		
						0	1			
2						0				
					-1			x		
1					***1***	***2***	***2***			
2								2		
							1			
								2		
1							***1***	***2***		
							1			
							1			
							2			
1							***3***	***2***		
							1			
							1			
							2			
								2		
								1		

Overall Rating

Tot Acc	Too low	Too high	Tot Unacc	Unacc	Neutral	Acc	Tot Acc	Too low
						1		
						1		
					0			
						1		
						1		
2						1		
						1		
2							2	
						1		
2							2	
3					***1***	***7***	***2***	
							2	
2							2	
					0			
						1		
						1		
1					***1***	***2***	***2***	
						1		
2						1		

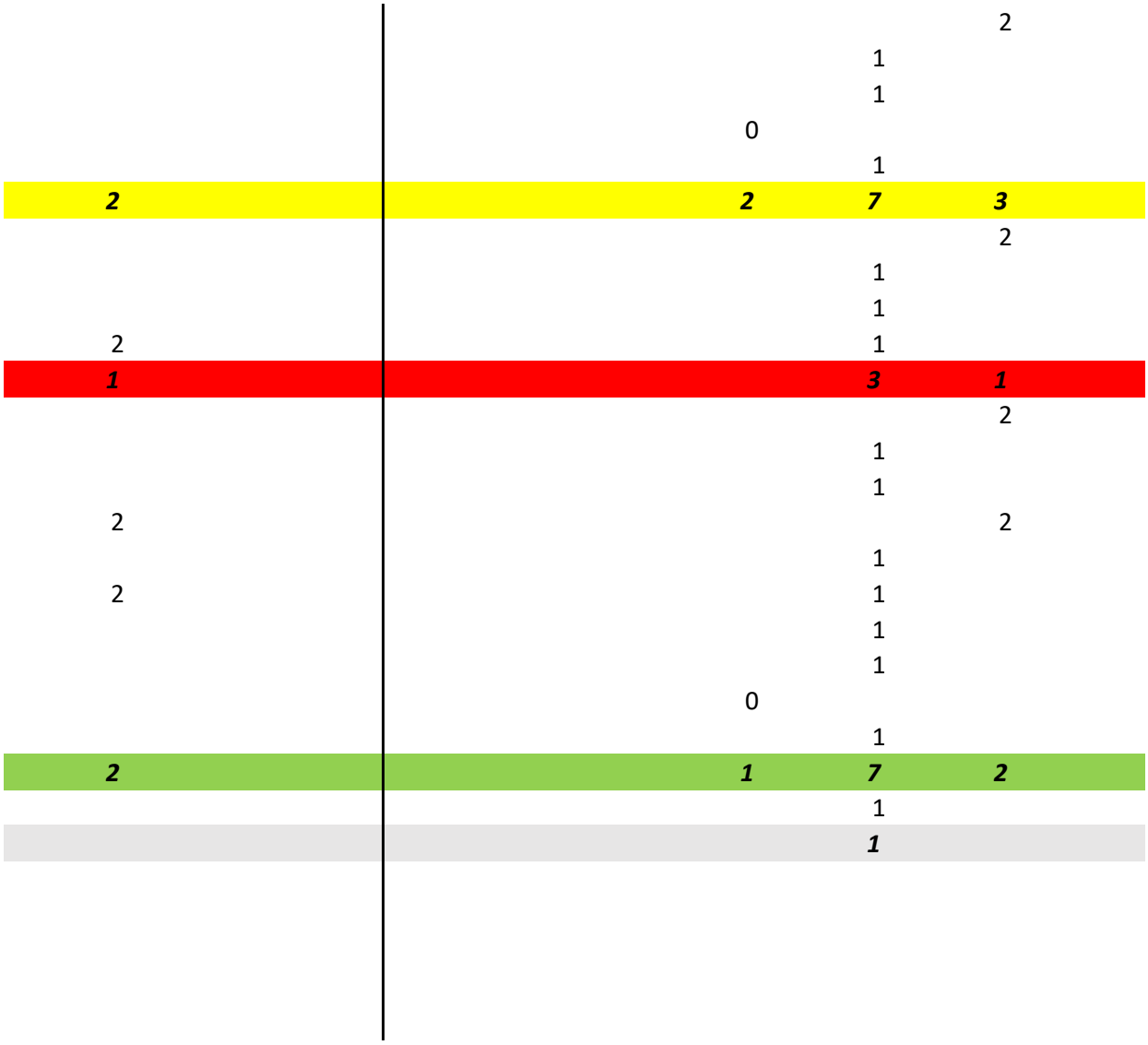
1						***2***		
					0			
							2	
					1		***1***	
2							2	
2							2	
2							***2***	
							2	
							1	

Overall Rating

Tot Acc	Too low	Too high	Tot Unacc	Unacc	Neutral	Acc	Tot Acc	Too low
							2	
						1		
							2	
						1		
						1		
2							2	
						1		
						1		
2							2	
2						***5***	***4***	
						1		
						1		
						1		
2							2	
2						1		
2						***4***	***1***	
						1		
						1	2	
						2		
						1		
							2	
						1	***1***	
2							2	
2							2	
2							***2***	
							2	
							1	

Overall Rating								
Tot Acc	Too low	Too high	Tot Unacc	Unacc	Neutral	Acc	Tot Acc	Too low
						1		
	2							2
								2
								2
								2
						1		
						1		
					0			
						1		
						1		
						1		
1					***1***	***6***	***4***	
								2
								2
						1		
						1		
						1		
						3	***2***	
	2							2
					0			
						1		
								2
						1		
						1		
						1		
						1		
	2					1		
								2
								2
	2							2
	3				***1***	***6***	***5***	
						1		
						1		
						2		

Overall Rating								
Tot Acc	Too low	Too high	Tot Unacc	Unacc	Neutral	Acc	Tot Acc	Too low
						1		
					0	1		
						1		
	2							2
						1		
	2							2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1
1
0
1
2 2 7 3
2
1
1
2 1
1 3 1
2
1
1
2 2
1
2 1
1
1
0
1
2 1 7 2
1
1

Too high	Perc Diff	Tot Unacc	Unacc	Neutral	Acc	Tot Acc	Too low	Too high
	II/III			-1				
	II					1		
	II/III					1		
						1		
	I+ (III)				0			
	II+					1		
	I+ (III)					1		
	II					1		
	I+				0			
	III					1		
	II (III)			***1***	***2***	***7***		
	II					1		
						1		
	II				0			
	I/II				0			
	II					1		
	II					1		
	I				0			
	II						2	
	I+				***3***	***4***	***1***	
	II+			-1			x	
	II				0		x	
	II+			-1			x	
	II+			-1				
				3	***1***			
	II						2	
	II					1		
	II					***1***	***1***	
	II							
	II							
	II						2	
	II						***1***	

Too high	Perc Diff	Tot Unacc	Unacc	Neutral	Acc	Tot Acc	Too low	Too high
	II (III)					1		
	II (III)						2	
	II+				0			
							2	
x	II			-1				
				-1				
	II(III)					1		
						1		
				2	***1***	***3***	***2***	

	II			0				
	II			0				
	II							
	II/III					2		
	II+				1			
	II+					2		
	II+			***2***	***1***	***2***		
	III				1		x	
				0				
	II/III			0				
	II/III		-1				x	
	II+		***1***	***2***	***1***			
	III					2		
	II				1			
	II/III				1			
	II+				***2***	***1***		
	II				1			
	II				1			
	II				***2***			
	II					2		
					1			
	II				***1***	***1***		
	II (III)					2		
	II					***1***		

Too high	Perc Diff	Tot Unacc	Unacc	Neutral	Acc	Tot Acc	Too low	Too high
	II+				1			
	II (III)					2		
	II (III)				1			
	II					2		
	II					2		
						2		
	II (III+)				1			
				0				
	II				1			
	II-III					2		
	II (III)			***1***	***4***	***5***		
	II-III				1			
	III					2		
	II				1			
	II				1			
	III				1			
	II+				***4***	***1***		
	II+				1			
	II							

	II+				***1***			
	II+							
	II+							
	II					2		
	III					2		
	II+					***2***		
	II/III				1			
	II+				***1***			

Too high	Perc Diff	Tot Unacc	Unacc	Neutral	Acc	Tot Acc	Too low	Too high
	II+					2		
	II+				1			
	II-III+					2		
	II+					2		
	II (III)				1			
	III					2		
	II+				1			
	II (III)					2		
						2		
	II+ (III)				***3***	***6***		
	II-III				1			
	II+ (IV)							
	III				1			
	III					2		
	III				1			
	III				***3***	***1***		
	II					2		
	II+					2		
	II+					***2***		
	II(III)				1			
					1			
	II (III)				***2***			
						2		
	II+					2		
	II+					***2***		
	II (III)					2		
	II (III)					***1***		

Too high	Perc Diff	Tot Unacc	Unacc	Neutral	Acc	Tot Acc	Too low	Too high
	II+					1		
			-2					
	III						2	
	II/III						2	
	II+					1		
	II/III					1		
	II/III						2	
	III-					1		
	II+/III					1		
	II/III					1		
	II+						2	
	II+		***1***			***6***	***4***	
	III							
	IV							x
	III						2	
	III			-1				x
	III					1		
	III			***1***		***1***	***1***	
							2	
	I-III							
	II+					1		
	III						2	
	I-II				0			
	II+					1		
	I-II				0			
	II+							
	II+					1		
	I-II					1		
	I-II					1		
	III						2	x
	II				***2***	***5***	***3***	
	II+					1		
	III					1		
	II+					***2***		

Too high	Perc Diff	Tot Unacc	Unacc	Neutral	Acc	Tot Acc	Too low	Too high
	II+(III)						2	
	II+(III)						2	
	II+					1		
							2	
	II					1		
				-1			x	

	I-III					2	
	III					2	
	III+			0			
	III-				1		
	II-III				1		x
	III-		***1***	***1***	***4***	***5***	
	III	-2					
	IV				1		
	III				1		
	III					2	
	III	***1***			***2***	***1***	
	II						
	II					2	
	II+				1		
	II/III						
	I-II			0			
	III					2	x
	II+						
	float-II			0			
					1		
	II			***2***	***2***	***2***	
	III				1		
	III				***1***		

	Likely to Return			Class	Level needed to Safely Paddle			
Def No	Poss	Prob	Def Yes		Beg	Nov	Inter	Adv
			1	II/III				1
	1			I/II			1	
		1		II/III			1	1
			1	II			1	
	1			I+ (III)		1		
			1	II+			1	
	1			I+ (III)		1		
	1			II/III			1	
	1			I+		1		
		1		II/III			1	
	5	***2***	***3***	***II (III)***		***3***	***6***	***2***
	1			II		1		
		1		I/II-		1	1	
	1			II			1	
	1			I/II			1	
			1	II			1	
		1		II			1	
	1			I		1		
		1		II			1	
	4	***3***	***1***	***I+/II***		***3***	***6***	
	1			II/III				1
		1		II			1	
	1			II+				1
		1		II+				1
	2	***2***		***II+***			***1***	***2***
			1	II			1	
			1	II			1	
			1	***II***			***2***	
			1	II				1
			1					***1***
			1	II/III				
			1	***II/III***				

	Likely to Return			Class	Level needed to Safely Paddle			
Def No	Poss	Prob	Def Yes		Beg	Nov	Inter	Adv
	1			II (III)				
	1			II (III)			1	
			1	II+				
			1	II+/III			1	
	1			II		1		
			1	II/III				1
		1		II (III)			1	1
		1		II			1	
	3	***2***	***1***	***II (III)***		***1***	***4***	***2***

	1				II		1			
		1			II			1		
		1			II/III+		1	1		
				1	II/III			1		
	1				II+			1		
				1	II+/III-				1	
	2	***2***		***2***	***II+***		***2***	***4***	***1***	
			1		I (III)			1		
		1			I/II (III)				1	
		1			II/III				1	
	1				II+ (III)				1	
	1	***2***	***1***		***II-II+***			***1***	***3***	
			1		III				1	
			1		II			1		
		1			II/III+				1	
		1	***2***		***II+***			***1***	***2***	
		1			II			1		
		1			II			1		
		2			***II***			***2***		
			1		II			1		
				1	II+				1	
			1	***1***	***II+***			***1***	***1***	
		1			II/III			1		
		1			***II+***			***1***		

	Likely to Return			**Class**		**Level needed to Safely Paddle**		
Def No	Poss	Prob	Def Yes		Beg	Nov	Inter	Adv
			1	II+			1	
		1		II (III)			1	
		1		II (III)		1	1	
			1	II			1	
			1	II			1	1
			1	II (III)				1
			1	II/III+				1
			1	III/IV				1
		1		II			1	
			1	III				1
		3	***3***	***4***	***II (III)***	***1***	***6***	***5***
				1	II-III		1	
				1	III			1
		1			II		1	
		1			II (IV)		1	1
		1			III		1	
		3		***2***	***II+***		***4***	***2***
			1		II+		1	
				1	II		1	

			1	***1***	***II+***			***2***	
		1			I/II/III				1
			1		II/IV				1
		1	***1***		***II+-III***				***2***
			1		II		1		
				1	III				1
			1	***1***	***II+***			***1***	***1***
			1		III			1	
			1		***III***			***1***	

	Likely to Return			**Class**		**Level needed to Safely Paddle**			
Def No	Poss	Prob	Def Yes		Beg	Nov	Inter	Adv	
			1	II+				1	
		1		II+			1		
			1	II-III+				1	
			1	II+			1	1	
		1		II (III)		1	1		
			1	III					1
			1	II+			1		
		1		II (III)			1		
			1	III+/IV				1	
		3	***1***	***5***	***II+ (IV)***	***1***	***5***	***4***	***1***
			1	II-III				1	
		1		II+ (IV)			1	1	
			1	III				1	
		1		III				1	
			1	III					1
		2	***3***		***III***		***1***	***4***	***1***
	1				II (III)			1	
			1		II+			1	
	1		***1***		***II+***			***2***	
			1		II (III)			1	
			1		II (III)			1	
			2		***II (III)***			***2***	
				1	III			1	
				1	II-III			1	
				2	***II+***			***2***	
			1		III		1		
			1		***III***		***1***		

Likely to Return				Class	Level needed to Safely Paddle			
Def No	Poss	Prob	Def Yes		Beg	Nov	Inter	Adv
			1	II+			1	
			1	IV				1
			1	III			1	
			1	II/III			1	
			1	I/II/II+		1		
		1		II/III		1		
				II/III			1	
	1			III-			1	
		1		II+/III		1		
		1		II/III			1	
		1		II+/III			1	
	1	***4***	***2***	***3***	***II+***		***3***	***7***	***1***
		1		III			1	1
			1	III			1	
			1	III				1
			1	III			1	
		1		III			1	
		2	***1***	***2***	***III***			***4***	***2***
			1	III		1		
			1	I-III			1	
			1	II+			1	
			1	III			1	
			1	II+			1	
			1	II+			1	
		1		II			1	
			1	III-			1	
		1		II+			1	
			1	II			1	
			1	II		1		
			1	III+			1	
		2	***4***	***6***	***II+***	***2***	***2***	***8***	
		1			II+			1	
				1	III			1	
		1		***1***	***II+***			***2***	

Likely to Return				Class	Level needed to Safely Paddle			
Def No	Poss	Prob	Def Yes		Beg	Nov	Inter	Adv
		1		II+(III)			1	
		1		II+(III)			1	
			1	II+				1
			2	III				1
		1		II-III				1
			1	IV				1

			1	I-III		1	1	
				III			1	
			1	III+-IV			1	
1				III-			1	
	1			II-III		1		
1	***4***	***1***	***4***	***III-***		***4***	***7***	***1***
			1	III			1	
	1			IV			1	1
		1		III				1
			1	III+				1
	1	***1***	***2***	***III+***			***2***	***3***
			1	II			1	
				II			1	
		1		II+		1	1	
			1	II/III	1			
		1		II	1			
				III			1	
			1	II+			1	
	1			II+			1	
1				II+			1	
	1			III		1	1	
1	***2***	***2***	***2***	***II-II+***	***2***	***2***	***8***	
			1	III			1	
			1	***III***			***1***	

	Min Acceptable Flow					Optimum Flow		
Exp	M. Lower	Lower	No Change	Higher	M Higher	M. Lower	Lower	No Change
					1			
				1				
				1				
				1				
				1				
			1					
				1				
					1			
				1				
				1				
			1	***7***	***2***			
				1				
			1					
			1					1
			1					
			1					
			1					1
				1				
			1					
			6	***2***				***2***
				1				
				1				
					1			
				1				
				3	***1***			
			1					
			1					
			2					
				1				
				1				
			1					
			1					

	Min Acceptable Flow					Optimum Flow		
Exp	M. Lower	Lower	No Change	Higher	M Higher	M. Lower	Lower	No Change
					1			
			1					1
				1				
				1				
			1					
					1			
			2	***4***				***1***

					1				
			1						1
				1					
				1					1
			1						1
				1					1
			2	***3***	***1***				***4***
					1				
					1				
					1				
					1				
					4				
				1					1
				1					
					1				
				2	***1***				***1***
				1					1
				1					1
				2					***2***
			1						1
			1						1
			2						***2***
			1						
			1						

		Min Acceptable Flow					**Optimum Flow**	
Exp	M. Lower	Lower	No Change	Higher	M Higher	M. Lower	Lower	No Change
		1						
			1					
			1					
		1						
			1					1
			1					1
			1					1
		1						
			1		1			
			1					1
		3	***7***		***1***			***4***
		1						1
		1						1
		1						1
		1						1
					1			
		4			***1***			***4***
			1					1
		1						1

			1	***1***					***2***
					1				
			1						
			1		***1***				
				1					1
				1					
				2					***1***
			1						
			1						

		Min Acceptable Flow					**Optimum Flow**		
Exp	M. Lower	Lower	No Change	Higher	M Higher	M. Lower	Lower	No Change	
			1						1
			1						
					1				
			1						
			1						
				1					1
			1						
			1						
			1						1
			7	***1***	***1***				***3***
				1				1	
			1					1	
				1					
			1						1
			1						1
			3	***2***				***2***	***2***
			1					1	
		1						1	
		1	***1***					***2***	
			1						
			1						
			2						
				1	1				1
				1					1
				2	***1***				***2***
			1						1
			1						***1***

	Min Acceptable Flow					Optimum Flow		
Exp	M. Lower	Lower	No Change	Higher	M Higher	M. Lower	Lower	No Change
			1					
			1				1	
				1				
			1					
			1	1				
			1				1	
			1					
	1						1	
			1					1
			1					
			1					
	1		***9***	***2***			***3***	***1***
			1				1	
			1					1
			1					1
	1							1
			1				1	
	1		***4***				***2***	***3***
			1				1	
					1			
			1				1	
			1					1
			1				1	
	1						1	
			1				1	
	1						1	
			1				1	
			1				1	
			1				1	
			1				1	
	2		***9***		***1***		***10***	***1***
	1							1
	1						1	
	2						***1***	***1***

	Min Acceptable Flow					Optimum Flow		
Exp	M. Lower	Lower	No Change	Higher	M Higher	M. Lower	Lower	No Change
	1						1	
			1				1	
			1					1
			1					1
			1					
			1				1	

		1					1
		1					1
		1				1	
	1					1	
		1				1	
	2	***9***				***6***	***4***
		1				1	
	1					1	
	1					1	
		1					1
	2	***2***				***3***	***1***
		1				1	
	1					1	
		1					1
			1				
	1					1	
	1				1		
	1				1		
	1				1		
	1				1		
				1			1
	6	***2***	***1***	***1***	***4***	***3***	***2***
	1					1	
	1					***1***	

		Challenging Features		Hits, Stops, Drags		
Higher	M Higher	Name/Location	Rating	# hits	Stop dngoob	Stop dgoob
	1	Rock Dam	III	0	0	0
1		Rock Dam	III	0	0	0
1		put in rapid/Rock Dam	II/III	0	0	0
1		Rock Dam	III+	0	0	0
	1	Rock Dam	III	0	0	0
1		Rock Dam	III+	few	0	0
1		Rock Dam	III	0	0	0
	1	wave river R top/Rock Dam	III/III	0	0	0
	1	Rock Dam	III	1	0	0
1				5	0	0
6	***4***		***III***			
1		Beginning ledges/Rock Dam	II/III	0	0	0
1		Rock Dam	III	o	o	o
		1st rapid below da,/Rock Dam	II/IV	5	0	0
1		Rock Dam	IV	0	0	0
1		1st rapid/Rock Dam	II/III	0	0	0
		put in/RD/right of island at RD	II/III/II	5	2	0
	1	Rock Dam	III	0	0	0
1		Rock Dam	III+	2		
5	***1***		***II-III***			
	1	Rock Dam	III	2	0	0
1		Rock Dam	III	0	0	1
	1	Rock Dam/bypass	III/II	3	0	0
1		Rock Dam	III	3	0	0
2	***1***		***III***			
1				0	0	0
1				3	0	0
2						
1		Rock Dam/strainers	III/	2	0	0
1			***III***			
1		Rock Dam	III	2	0	0
1			***III***			

		Challenging Features		Hits, Stops, Drags		
Higher	M Higher	Name/Location	Rating	# hits	Stop dngoob	Stop dgoob
	1	Rock Dam	III	2	0	0
		Rock Dam/Upper Ledges	III-IV/II-III	0	0	0
	1	Rock Dam	III	0	0	0
1		Rock Dam	III			
1		1st rapid/Rock Dam	II/III	0	0	0
1		Rock Dam	III	0	0	0
3	***2***		***III***			

1		Rock Dam	IV	1	0	0
		Rock Dam	III+	1	0	0
1		Rock Dam	III+/IV-	0	0	0
		1st ldege on left/Rock Dam	II+/III	0	0	0
		ist rapid/Rock Dam	II/IV	2	0	0
		put in/waves above RD/RD	II+/II/III	2	0	0
2			***II+/III+***			
1		Rock Dam/entry ledges	III+/II+	1	1	0
1		Rock Dam	III	0	0	0
1		upper bypass/Rcok Dam	II-III/III	0	0	0
1		entrance ledge/Rock Dam	I-II/III	2	0	0
4			***III***			
		Rock Dam	III/IV	0	0	0
1		Rock Dam	III	0	0	0
1		strainer 1/3 mile upstream 1st bridge		1	0	0
2			***III+***			
		Rock Dam	III	0	0	0
		Rock Dam	III	0	0	0
			III			
		Rock Dam/1st rapidafter put in	Iv/II+	2	0	0
				0	0	0
1		Rock Dam	III	1	0	0
1			***III***			

		Challenging Features		**Hits, Stops, Drags**		
Higher	M Higher	Name/Location	Rating	# hits	Stop dngoob	Stop dgoob
	1	Rock Dam	III	0	0	0
	1			0	0	0
	1	R channel @Rock Dam		0	0	0
	1	1st rapid/Rock Dam	II/II-III	0	0	0
		1st rapid/Rock Dam	II+/III	0	0	0
	1	1st rapid/Rock Dam	II+/III	0	0	0
		stainers/Rock Dam		0	0	0
	1	upper ledges/Rock Dam	III/IV	0	0	0
		1 Rock Dam	III	0	0	0
		Rock Dam	III	0	0	0
6	***1***		***II+/III***			
		ledge at put in/Rock Dam	II/III	0	0	0
		put in/belwo Sta 1/Rock Dam	II/II/III	1	1	0
		Rock Dam	III	0		
		Rock Dam	IV	0	0	0
	1	1st rapid/rest of river	III/II			
1			***II=-III+***			
		Rock Dam far right	III-	0	0	0
		middle channel Rock Dam	II+	0	0	0

			II+			
1		Rock Dam/above RD River R	III/II			
1				0	0	1
2			***II-III***			
		Rock Dam	IV	1	0	0
1		Rock Dam	III-IV	1	0	0
1			***IV***			
1		Rock Dam	III	0	0	0
1			***III***			

		Challenging Features		**Hits, Stops, Drags**		
Higher	M Higher	Name/Location	Rating	# hits	Stop dngoob	Stop dgoob
		1st rapid/Rock Dam	II+/III+	0	0	0
1	1	Rock Dam	III	0	0	0
1		Rock Dam	III+	0	0	0
1		1st rapid/Rock Dam	II+/III	0	0	0
1				0	0	0
		Rock Dam	III	0	0	0
1				0	0	0
1		Rock Dam	III	1	0	0
		Rock Dam/upper ledges	Iv/III-IV	0	0	0
6	***1***		***III-III+***			
		beginning ledges/Rock Dam	III/III	0	0	0
		Rock Dam		0	0	0
1				0	0	0
		Rock Dam	III+	0		
		left channel put in/Sta 1/ RD	III/II/III	1	0	0
1			***III***			
				0	0	0
		Rock Dam	III	0	0	0
			III			
1		ledge above Rock Dam	II	0	0	0
1		Rock Dam				
2			***II***			
1		Rock Dam	III	0	0	
		Rock Dam	II-III	0	0	0
1			***II+***			
		1st rapids River R/RD	II/III	1	0	0
			II/III			

		Challenging Features		Hits, Stops, Drags		
Higher	M Higher	Name/Location	Rating	# hits	Stop dngoob	Stop dgoob
	1	Rock Dam	III+	0	0	0
		upper ledges/RD	IV/IV	0	0	0
	1	Rock Dam	III+	0	0	0
	1	Rock Dam	III+	0	0	0
	1	Rock Dam	II+	1	0	0
		Rock Dam	II/III	2	1	0
	1	Rock Dam	III	1	0	0
		Rock Dam	III/IV	0	0	0
		left channel entrance	II+	0	0	0
	1	below dam/Rock Dam	II+/III	3	0	0
	1	Rock Dam	III	0	0	0
	7		***III***			
		Rock Dam (right side)	III	0	0	0
		1st rapid/rest of river	III+/III	0	0	0
		put-in/Sta 1/RD	III/II/III	0	0	0
		Below dam R channel/RD	III/III	0	0	0
		Rock Dam	III	0		
			III			
		1st section/Rock Dam	II/III			
	1			3		
		Rock Dam	II+-III	2	0	0
		Rock Dam	IV	4	1	0
		Rock Dam/below spillway	II+/II+	0	0	0
		opening ledges/RockDam	II+/II+	0	0	0
		Rock Dam	II	0	0	0
		dam rooster tail/Rock Dam	III/III	0	0	0
		Rock Dam	II+	0	0	0
		below dam/Rock Dam	III-IV/II-III	0	0	0
		below dam/Rock Dam	II/II-III	0	0	0
		put-in/Rock Dam	III/III	0	0	0
	1		***II+-III***			
				0	0	0
				0	0	0

		Challenging Features		Hits, Stops, Drags		
Higher	M Higher	Name/Location	Rating	# hits	Stop dngoob	Stop dgoob
		Rock Dam	III	1	0	0
		Rock Dam	III	0	0	0
	1	Rock Dam	III+	0	0	0
		Rock Dam	III	0	0	0
	1	Rock Dam	III	1	0	0
		left uper ledges/right island wave	III+/IV/IV/II	0	0	0

	Rock Dam	III	0	0	0
	Put-in/Rock Dam	III/III	0	0	0
	below put-in	III+-IV-	0	0	0
			0	0	0
	Rock Dam	II/III	0	0	0
2		***III+***			
			0	0	0
	RD/ledge above RD	IV/III-	0	0	0
	Rock Dam/below Dam	III/III	0	0	0
	put-in L channel/Sta 1	III/III	0	0	0
		III			
	Rock Dam/below dam	II/III	0	0	0
	Rock Dam	III	0	0	0
	Rock Dam	III	0	0	0
1	Rock Dam/below dam	II/III	0	0	0
	spillway	II	0	0	0
	put-in/Rock Dam	III/III	0	0	0
	ledges/Rock Dam	II+/II+	0	0	0
	put-in/Rock Dam	II-III+/II+	0	0	0
	rooser tail/Rock Dam	III+/II+	0	0	0
	below dam/Roack Dam	II/III	5	1	0
1		***II+/II+***			
			0	0	0
			0	***0***	***0***

	Portages		Difficulties Experience
# portages	Feature Portaged	Difficulty	Difficulty
0	0		0
0	0		0
0	0		log on ledge by 1st island
0	0		strainer
0	0		downed tree left of center
0	0		downed tree
0	0		tree 1st rapid after out in
0			
0			
1			
0			trees in river
1	Rock Dam	easy	
0	0		0
0			
1	Rock Dam	easy	
0			
0			
	Rock Dam	sl diff	
0			downed trees
0			
0	upper bypass/RD	easy/sl di	
0	Rock Dam	mod diff	
0			
0			Rock Dam/donwed tree at start
0			strainers
0			

	Portages		Difficulties Experience
# portages	Feature Portaged	Difficulty	Difficulty
			downed trees (easy)
0			tree in river
0			
0			downed trees (easy to miss)
1	Rock Dam	easy	
1	Rock Dam	mod diff	

0			
0			
1	Rock Dam	easy	
0			
0			
0			
0			
0			strainers
0			
0			downed trees, easily avoided
0	Rock Dam/take out	MD/ED	
1	Rock Dam	easy	
0	strainer 1/3 mile up from 1st bridge		
0			
0			
	Rock Dam	Mod diff	
0			
0	Rock Dam	Mod diff	

	Portages		**Difficulties Experience**
# portages	Feature Portaged	Difficulty	Difficulty
0			
0			
0			
0			
0	Rock Dam	easy	
0			trees along shoreline/easily avoide
0	Rock Dam	sl diff	strainer
0			
0			
0			
0			
0			
0			
0			
0			

	Class II sticky river		
0	struggled to exit surf at ledge		
1	Rock Dam	Sl Diff	
0	Rock Dam	easy	
1	River R near put in/Rock Dam	easy/Mdi	

	Portages		**Difficulties Experience**
# portages	Feature Portaged	Difficulty	Difficulty
0			
0			
2	Rock Dam to run	E/MD	
0			
0			
0			
0			
0	tree at #1 is under water		
0			
0			
0			
0			
0			
0			
0	sticky ledge above RD		
	sticky ledge above RD		
	Rock Dam	mod dif	
1			
0	1st rapids/RD	SD/MD	

Portages			Difficulties Experience
# portages	Feature Portaged	Difficulty	Difficulty
0			
0			
2	RD River R/River L	E/ED	
0			
0			
0			
0			
0	some wood in eddies		
0			
0			live trees in water
0			
0			
0			
0			
0			
0			
	Rock Dam	SD	flipped trying to surf
	put-in/middle/RD	MD/E/MD	
0			
0			flipped boat/trees/whirlpools
			occassional strainer
0			downed trees
0			
0			flipped in rooster tail
0			flipped in rooster tail
0			
0			occassional strainers
0			flipped in rooster tail
0			
0			difficult to spot large holes

Portages			Difficulties Experience
# portages	Feature Portaged	Difficulty	Difficulty
0			
0			
0			
0			
0			
0			

0	
0	
0	take-out arduous w/o winch/put i
0	
0	
0	
0	careful at this level to avoid troubl
0	
0	
0	
0	Downed trees
0	
0	
0	strainer
0	
0	
0	
0	
0	strainers
0	large holes difficult to spot
0	

d
Location

top ledge, river right
#1
1st rapid Rt 2 side

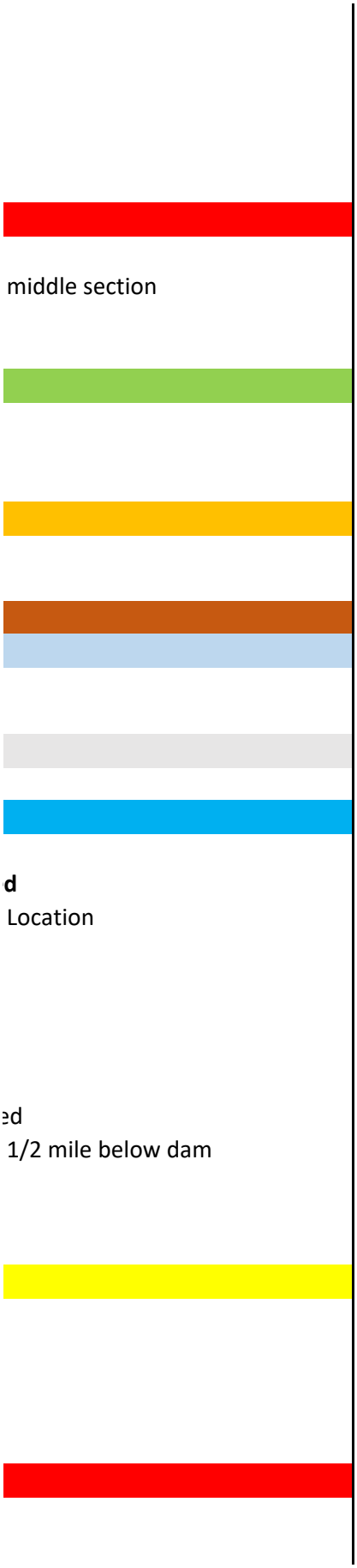
throughout river

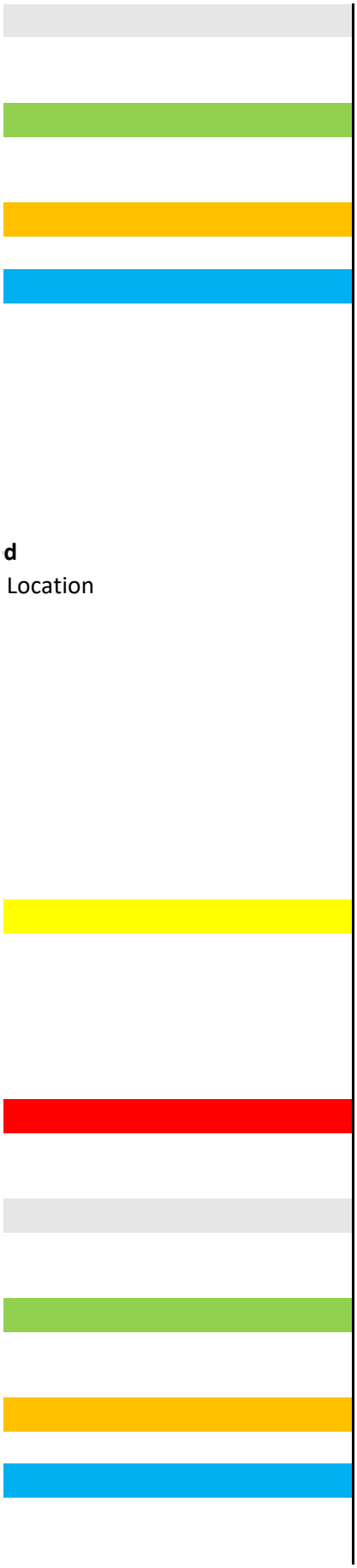
easily avoided

River R at top

d
Location
above Cabot
#1

river L above canal outlet


middle section
d
Location
ed
1/2 mile below dam



d

Location

d Location
below dam, River R
first drop in
below Gate 4/banks/bridges side of river braided section/last mile
below dam
rapid after put in
d Location

n requires vehicles for rafts

Rock Dam

river banks

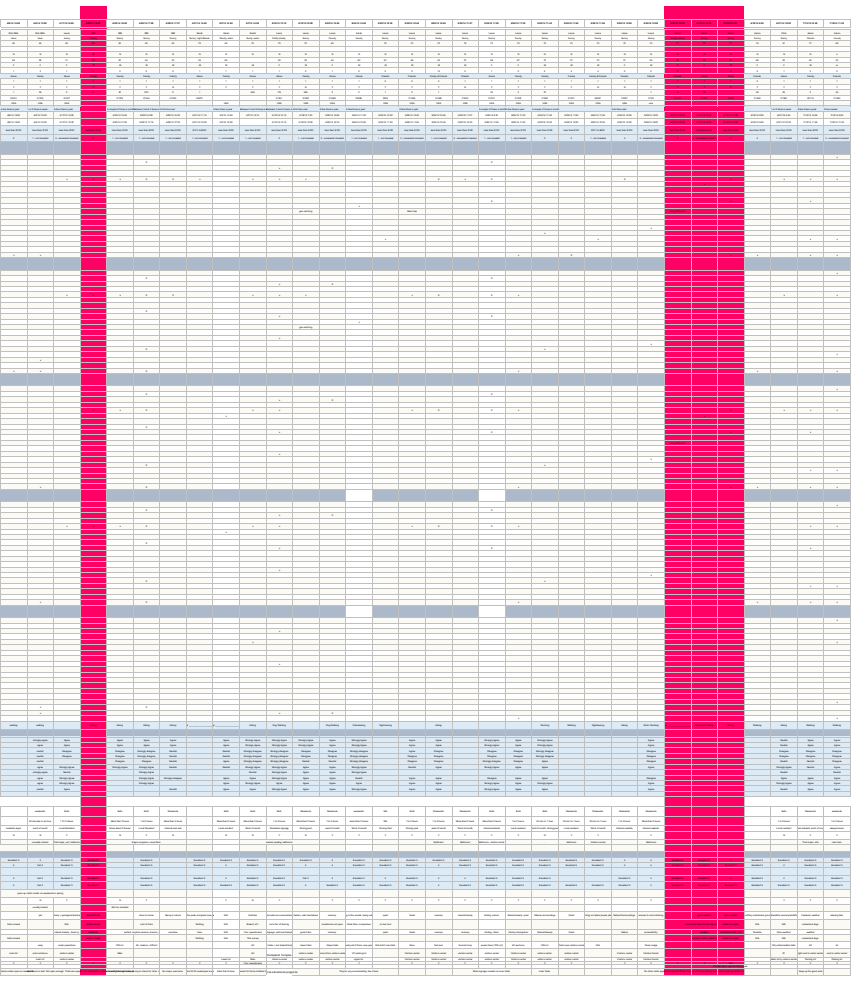
side of river

side of river

rapid after put in

NORTHFIELD MOUNTAIN

DATE / TIME	1/19/14 14:39	1/18/14 13:00	1/19/14 14:45	1/20/14 13:10
Interviewer	Sarah Doyle	Sarah Doyle	Sarah Doyle	Sarah Doyle
Weather	sunny	light snow	sunny	grey, cloudy, mild
Air Temperature	32	32	33	35
Declined Survey				
Participated in survey before? Y/N	N	N	N	N
Age	52	56	28	50
Gender	M	F	F/M	F
How many in group including self	3	4	2	3
Which best describes your group	family	friends	friends	friends
How many vehicles used to come here	1	3	1	2
Have you visited NM before? Y/N	Y	Y	N	Y
If yes, typically how many times a year for recreation	11	2		10
Zip Code	01002	01337	01605	01007
Country of residency	USA	USA	USA	USA
How often on average do you use NM trail system	A few times a year	A few times a year	First time user	A couple of times a montl
When did you arrive	1/19/14 11:00	1/18/14 13:00	1/19/14 14:15	
When do you plan to depart	1/19/14 14:25	1/18/14 14:00	1/19/14 14:25	
How much do you think you will spend during your trip to this area of the Connecticut River	less than $100	less than $100	less than $100	less than $100
During your visit today what is your perception of the amount of use occurring at this site	1 - not crowded	1 - not crowded	1 - not crowded	1 - not crowded
Please indicate which of the following activities you participate in at the NM - (THIS TRIP)				
Backpacking				
Birding				
Dog Walking				x
Educational Programs				
Hiking				
Horseback Riding				
Hunting				
Mountain Biking				
Nature Observation				
Orienteering				
Other ____________________				
Photography				
Picnicking				
Rock Climbing				
Running				
Sightseeing			x	
Skiing	x			
Snowshoeing	x			
Walking		x		
Please indicate which of the following activities you participate in at the NM - SPRING (MARCH 1 - MAY 31)				
Backpacking				x
Birding				
Dog Walking				x
Educational Programs				
Hiking	x			
Horseback Riding				x
Hunting				
Mountain Biking	x			
Nature Observation				
Orienteering				
Other ____________________				
Photography				
Picnicking				
Rock Climbing				
Running				
Sightseeing				
Skiing				
Snowshoeing				
Walking		x		
Please indicate which of the following activities you participate in at the NM - SUMMER (JUNE 1 - AUGUST 31)				
Backpacking				x
Birding				
Dog Walking				x
Educational Programs				
Hiking	x			
Horseback Riding				x
Hunting				
Mountain Biking	x			
Nature Observation				
Orienteering				
Other ____________________				
Photography				
Picnicking				
Rock Climbing				
Running				
Sightseeing				
Skiing				
Snowshoeing				
Walking		x		
Please indicate which of the following activities you participate in at the NM - FALL (SEPTEMBER 1 - NOVEMBER 30)				
Backpacking				x
Birding				
Dog Walking				x
Educational Programs				
Hiking	x			
Horseback Riding				x
Hunting				
Mountain Biking	x			
Nature Observation				
Orienteering				
Other ____________________				
Photography				
Picnicking				
Rock Climbing				
Running				
Sightseeing				
Skiing				
Snowshoeing				
Walking		x		
Please indicate which of the following activities you participate in at the NM - WINTER (DECEMBER 1 - FEBRUARY 28)				
Backpacking				x
Birding				
Dog Walking				x
Educational Programs				
Hiking				
Horseback Riding				x
Hunting				
Mountain Biking				
Nature Observation				
Orienteering				
Other ____________________				
Photography				
Picnicking				
Rock Climbing				
Running				
Sightseeing				
Skiing	x		x	
Snowshoeing	x			x
Walking		x		
Of the activities listed above, which is your PRIMARY activity on this trip	skiing	walking	sightseeing	dog walking
Please provide your opinion on the NM trail system for the following variables				
Trails are in good condition	Strongly Agree			Strongly Agree
Trails are well maintained	Strongly Agree			Strongly Agree
Trails are too steep	Strongly disagree			Disagree
Trails are too flat	Strongly disagree			Disagree
More trails are needed	Strongly disagree			Neutral
There is an appropriate mix of easy, moderate, difficult trails	Strongly Agree			Strongly Agree
Winter trail grooming is sufficient	Strongly Agree			Strongly Agree
Trail signage/markings are adequate	Strongly Agree			Strongly Agree
Trailhead parking is sufficient	Strongly Agree			Strongly Agree
Trail surface material is adequate	Strongly Agree			Strongly Agree
Hours of operation are adequate				
How can any of the above variables be improved?				
Generally, when do you use the trail system?	weekends	both		weekends
How much time do you usually spend on the trail each visit?	more than 2 hours	1-2 hours		more than 2 hours
Howe did you learn about the Northfield trails?	Other	local resident	Driving past	word of mouth
Do you also use facilities or amenities at the NM Visitor's Center during your trip to use the trail system? Y/N	Y	Y	Y	Y
If yes, what other facilities or amenities do you use	hroom warmth chocolate pot		bathrooms	
How satisfied were you with the available number of recreation facilities?				
Please rate the following amenities at the Visitors' Center				
Parking	Excellent 5	Excellent 5	Excellent 5	Excellent 5
Facility Condition	Excellent 5	Excellent 5	Excellent 5	Excellent 5
Toilets/Restrooms				
Variety of Amenities	4	Excellent 5	Fair 3	Excellent 5
Overall Quality	Excellent 5	Excellent 5	Fair 3	Excellent 5
Please explain any poor ratings			has no experience from which to comment	
Do the amenities at the Visitors' Center serve your interests? Y/N	Y		Y	Y
If no, why?				
What did you like most about your recreational experience today	son passes, relaxed, friendly			the beauty of the area
What did you like least about your recreational experience today				
What, if anything, enhanced your recreation experience today				
What, if anything, detracted from your recreation experience today				
What portions of the trail system do you use most often (Sections ____________)	19 and below			all
Which trail access point do you generally use when you visit the trail (Access Point ______________)	lodge			all
Where did you park when accessing the trail system	lot	lot		main
Does the Northfield trail system serve your interests? Y/N	Y	Y		Y
If no, why?				
Do you have any additional comments regarding recreation opportunities at Northfield Mountain	ff a lot, nice staff, friendly place			horseback riding is most impo



NORTHFIELD MOUNTAIN

DATE / TIME	8/30/14 13:50	9/10/14 17:00	9/12/14 15:25	9/12/14 15:50	9/12/14 16:25	9/12/14 17:05	9/14/14 16:00	9/14/14 16:05	9/27/14 13:15	9/27/14 13:35	9/27/14 14:30	9/27/14 15:00
Interviewer	Aaron	Laura	Andrew	Andrew	Andrew	Andrew	Laura	Laura	Andrew	Andrew	Andrew	Andrew
Weather	Breezy, sun/clouds	Mostly cloudy	Warm, Sunny	Warm, sunny	Warm, sunny	Warm, sunny	Mostly Sunny	Mostly Sunny	Warm, Sunny			
Air Temperature	70	70	75	75	75	75	65	65	80			
Declined Survey	N					N	N	N	N	N	N	N
Participated in survey before? Y/N	N	N	N	N	N	Y	N	N	N	N	N	N
Age	53	60	46	37	59		24	36	34	31	50	34
Gender	M	F	F	M	F		F	M	M	F	M	F
How many in group including self	7	2	2	1	1		4	1	3	4	1	1
Which best describes your group	Family	Family	Family	Alone	Alone		Friends	Alone	Family	Family & Friends	Alone	Alone
How many vehicles used to come here	2	1	1	1	1		1	1	1	2	1	1
Have you visited NM before? Y/N	Y	Y	Y	Y	Y		N	Y	Y	Y	N	Y
If yes, typically how many times a year for recreation		1	14	35	59			3	3	10		5
Zip Code	01360	01375	01060	01035	01035		01060	01056	01003	01376	44108	01301
Country of residency		USA					USA	USA				
How often on average do you use NM trail system	A few times a year	First time user	Once a month	Once a week	Once a month		First time user	A few times a year	A few times a year	Once a month	First time user	A few times a year
When did you arrive	8/30/14 12:45	9/10/14 17:00	9/12/14 13:30	1/0/00 14:00	9/12/14 14:25		9/14/14 11:30	9/14/14 12:30	9/27/14 11:30	9/27/14 13:30	9/27/14 12:30	9/27/14 12:00
When do you plan to depart	8/30/14 14:00	9/10/14 17:30	9/12/14 15:30	1/0/00 15:00	9/12/14 16:25		9/14/14 16:00	9/14/14 16:00	9/27/14 13:15	9/27/14 15:30	9/27/14 14:30	9/27/14 15:00
How much do you think you will spend during your trip to this area of the Connecticut River	less than $100	less than $100	less than $100	less than $100	less than $100		less than $100	less than $100	less than $100	less than $100	less than $100	less than $100
During your visit today what is your perception of the amount of use occurring at this site	1 - not crowded	1 - not crowded	2	1 - not crowded	3 - somewhat crowded		2	2	3 - somewhat crowded	1 - not crowded	1 - not crowded	3 - somewhat crowded
Please indicate which of the following activities you participate in at the NM - (**THIS TRIP**)												
Backpacking												
Birding					X							X
Dog Walking												
Educational Programs												
Hiking	X	x				x			X	X	X	X
Horseback Riding												
Hunting												
Mountain Biking								X				
Nature Observation	X		X		X							
Orienteering												
Other ____________________												
Photography												
Picnicking												
Rock Climbing							X					
Running				X				X				
Sightseeing	X											
Skiing												
Snow shoeing												
Walking	X		X		X							
Please indicate which of the following activities you participate in at the NM - **SPRING (MARCH 1 - MAY 31)**												
Backpacking												
Birding					X							X
Dog Walking												
Educational Programs			X									
Hiking									X	X		X
Horseback Riding												
Hunting												
Mountain Biking								X				
Nature Observation			X		X							
Orienteering												
Other ____________________												
Photography												
Picnicking												
Rock Climbing												
Running				X				X				
Sightseeing												
Skiing												
Snow shoeing												
Walking			X		X							
Please indicate which of the following activities you participate in at the NM - **SUMMER (JUNE 1 - AUGUST 31)**												
Backpacking												
Birding					X							X
Dog Walking												
Educational Programs			X									
Hiking	X								X	X		X
Horseback Riding												
Hunting												
Mountain Biking								X				
Nature Observation	X		X		X							
Orienteering												
Other ____________________												
Photography												
Picnicking												
Rock Climbing												
Running				X				X				
Sightseeing	X											
Skiing												
Snow shoeing												
Walking	X		X		X							
Please indicate which of the following activities you participate in at the NM - **FALL (SEPTEMBER 1 - NOVEMBER 30)**												
Backpacking												
Birding					X							X
Dog Walking												
Educational Programs			X									
Hiking	X								X	X		X
Horseback Riding												
Hunting												
Mountain Biking								X				
Nature Observation	X		X		X							
Orienteering												
Other ____________________												
Photography												
Picnicking												
Rock Climbing												
Running				X				X				
Sightseeing	X											
Skiing												
Snow shoeing												
Walking	X		X		X							
Please indicate which of the following activities you participate in at the NM - **WINTER (DECEMBER 1 - FEBRUARY 28)**												
Backpacking												
Birding												
Dog Walking												
Educational Programs												
Hiking												
Horseback Riding												
Hunting												
Mountain Biking												
Nature Observation			X		X							
Orienteering												
Other ____________________												
Photography												
Picnicking												
Rock Climbing												
Running												
Sightseeing												
Skiing												
Snow shoeing			X									
Walking					X					X		
Of the activities listed above, which is your PRIMARY activity on this trip	Hiking		Walking				Rock Climbing		Hiking	Hiking	Hiking	Hiking
Please provide your opinion on the NM trail system for the following variables												
Trails are in good condition	Strongly Agree		Agree	Agree	Strongly Agree		Agree	Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree
Trails are well maintained	Strongly Agree		Agree	Agree	Strongly Agree		Agree	Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree
Trails are too steep	Disagree		Disagree	Disagree	Strongly disagree		Disagree	Disagree	Strongly disagree	Agree	Strongly disagree	Strongly disagree
Trails are too flat	Disagree		Strongly disagree	Disagree	Strongly disagree		Disagree	Disagree	Strongly disagree	Strongly disagree	Strongly disagree	Strongly disagree
More trails are needed	Neutral		Disagree	Agree	Neutral		Disagree	Neutral	Strongly disagree	Strongly disagree	Strongly disagree	Strongly disagree
There is an appropriate mix of easy, moderate, difficult trails	Neutral		Agree	Agree	Strongly Agree		Agree	Agree	Strongly Agree	Agree	Strongly Agree	Strongly Agree
Winter trail grooming is sufficient	Neutral		Agree		Strongly Agree			Agree	Neutral	Strongly Agree		
Trail signage/markings are adequate			Disagree	Agree	Strongly Agree		Disagree	Disagree	Strongly Agree	Agree	Disagree	Strongly Agree
Trailhead parking is sufficient	Agree		Agree	Agree	Strongly Agree		Agree	Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree
Trail surface material is adequate	Agree		Agree	Agree	Strongly Agree		Agree	Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree
Hours of operation re adequate	Agree		Agree	Agree	Strongly Agree		Neutral	Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree
How can any of the above variables be improved?	er signage near Rose Ledges		more signage at intersections, more p	More trails	beled- Hidden Quarry trail- reads as Rose Ledge trail- confusing. One sign tha			mislabeled. Maybe larger sign to start.		More switchbacks to ease stee	bit more signage would help	
Generally, when do you use the trail system?	Weekends		Both	Both	Both			Weekends	Weekends	Weekends		Weekends
How much time do you usually spend on the trail each visit?	More than 2 hours		1 to 2 hours	1 to 2 hours	1 to 2 hours		More than 2 hours	1 to 2 hours	1 to 2 hours	More than 2 hours	1 to 2 hours	More than 2 hours
How did you learn about the Northfield trails?	Internet Web site		Word of mouth	Local Resident	Word of mouth		Word of mouth	Local Resident	Word of mouth	Driving past	Driving past	Word of mouth
Do you also use facilities or amenities at the NM Visitor's Center during your trip to use the trail system? Y/N	N		Y	N	Y		Y	Y	Y	Y	Y	Y
If yes, what other facilities or amenities do you use			Bathroom		Bathroom, museum		Visitors		Restrooms, museum	ooms, picnic tables, warm	Restrooms	Bathrooms
			3- Satisfied	3- Satisfied					5- Extremely satisfied	5 Extremely Satisfied	3 Satisfied	5 Extremely Satisfied
Please rate the following amenities at the Visitors' Center												
Parking	Excellent 5		4	4	Excellent 5		Excellent 5	Excellent 5	Excellent 5	Excellent 5	4	Excellent 5
Facility Condition	Excellent 5		4	4	Excellent 5		Excellent 5	Excellent 5	Excellent 5	Excellent 5	4	Excellent 5
Toilets/Restrooms	Excellent 5		Fair 3	4	Excellent 5		Excellent 5	Excellent 5	Excellent 5	Excellent 5	4	Excellent 5
Variety of Amenities	Excellent 5		4	4	Excellent 5		Excellent 5	4	Excellent 5	Excellent 5	4	Excellent 5
Overall Quality	Excellent 5		4	4	Excellent 5		Excellent 5	Excellent 5	Excellent 5	Excellent 5	4	Excellent 5
Please explain any poor ratings												
Do the amenities at the Visitors' Center serve your interests? Y/N	Y		Y	Y	Y		Y	N	Y	Y	Y	Y
If no, why?								No vending machines				
What did you like most about your recreational experience today	Good climbing		Nice weather		Beautiful, sunny day		Ease of use	Beautiful Weather	tional signage good for ch	Beautiful Day	e country, nice mix of forest and open sp	
What did you like least about your recreational experience today			See above about signs					Getting Started			Signage	
What, if anything, enhanced your recreation experience today	Cliffs						Well maintained	Grounds are clean				
What, if anything, detracted from your recreation experience today								No Vending				
What portions of the trail system do you use most often (Sections ____________)	Rose ledges						Varies	The Main trails				
Which trail access point do you generally use when you visit the trail (Access Point ____________)							Varies	Near the center				
Where did you park when accessing the trail system	Visitors center		Visitors center	Visitors Center	Visitors Center		Visitors Center					
Does the Northfield trail system serve your interests? Y/N	Y		Y	Y	Y		Y	Y				
If no, why?												
Do you have any additional comments regarding recreation opportunities at Northfield Mountain												

DATE / TIME	9/28/14 13:15	9/28/14 13:30	9/28/14 13:30	9/28/14 13:40	10/3/14 12:30	10/3/14 12:30	10/3/14 12:50	10/3/14 14:00	10/4/14 13:50	10/4/14 14:00	10/5/14 16:50	10/11/14 13:00
Interviewer	Laura	Laura	Laura	Laura	Laura (?)	Laura	Laura	Laura	Andrew	Andrew	Andrew	Aaron
Weather	Sunny	Sunny	Sunny	Sunny	Sunny	Sunny	Sunny	sunny	Cool, rainy	Cool, rainy	Sunny, mild	Cool/overcast/wet
Air Temperature	85	85	85	85		70	72	74	55	55	60	47
Declined Survey	N	N	N	N	N	N	N	N	N	N	N	N
Participated in survey before? Y/N	N	N	N	N	N	N	N	N	N	N	Y	N
Age	50	37	54	28	50	56	73	66	27	35		52
Gender	M	M	F	M	M	M	M	M	F	M		M
How many in group including self	1	1	2	1	1	2	2	1	1	2		3
Which best describes your group	Alone	Alone	Family	Alone	Alone	Friends	Family	Alone	Alone	Family		Family
How many vehicles used to come here	1	1	1	1	1	1	1	1	1	1		1
Have you visited NM before? Y/N	Y	N	Y	N	Y	Y	Y	Y	Y	Y		Y
If yes, typically how many times a year for recreation	1		2		2	1	1	40	25	14		
Zip Code	01602	01605	01354	03801	01420	01720	01256	01360	01344	05301		01301
Country of residency	USA	USA	USA	USA		USA	USA	USA				
How often on average do you use NM trail system		First time user	A few times a year	First time user	A few times a year			1 or 2 times a week	A couple of times a month	A couple of times a month		A few times a year
When did you arrive	9/28/14 8:30	9/28/14 8:10	9/28/14 9:00	9/28/14 8:00	10/3/14 13:15	10/3/14 9:30	10/3/14 12:45	10/3/14 14:00	10/4/14 12:30	10/4/14 14:00		10/11/14 11:00
When do you plan to depart	9/28/14 14:00	9/28/14 15:00	9/28/14 14:00	9/28/14 15:30	10/3/14 13:30	10/3/14 12:30	10/3/14 14:45	10/3/14 15:30	10/4/14 14:00	10/4/14 15:30		10/11/14 13:00
How much do you think you will spend during your trip to this area of the Connecticut River	less than $100	$101 to $500	less than $100	less than $100	less than $100	less than $100	less than $100	less than $100	less than $100	less than $100		less than $100
During your visit today what is your perception of the amount of use occurring at this site	2	2	1 - not crowded	3 - somewhat crowded	3 - somewhat crowded	1 - not crowded	1 - not crowded	2	1 - not crowded	1 - not crowded		1 - not crowded
Please indicate which of the following activities you participate in at the NM - (**THIS TRIP**)												
Backpacking												
Birding												
Dog Walking												
Educational Programs												
Hiking						X		X		X		X
Horseback Riding												
Hunting												
Mountain Biking												
Nature Observation										X		X
Orienteering												
Other ____________________	X Triathlon	X Triathlon	X Watching triathlon	X Triathlon vendor	x Rest stop		X Boat ride					
Photography												
Picnicking												
Rock Climbing												
Running									X			
Sightseeing					X							X
Skiing												
Snow shoeing												
Walking												X
Please indicate which of the following activities you participate in at the NM - **SPRING (MARCH 1 - MAY 31)**												
Backpacking												
Birding												
Dog Walking												
Educational Programs												
Hiking			X			X		X		X		X
Horseback Riding												
Hunting												
Mountain Biking								X				
Nature Observation										X		X
Orienteering												
Other ____________________					X Rest stop							
Photography												
Picnicking												
Rock Climbing												
Running								X	X			
Sightseeing					X							X
Skiing												
Snow shoeing												
Walking												X
Please indicate which of the following activities you participate in at the NM - **SUMMER (JUNE 1 - AUGUST 31)**												
Backpacking												
Birding												
Dog Walking												
Educational Programs												
Hiking			X			X		X		X		X
Horseback Riding												
Hunting												
Mountain Biking								X				
Nature Observation										X		X
Orienteering												
Other ____________________					X Rest stop		X Boat ride					
Photography												
Picnicking												
Rock Climbing												
Running								X	X			
Sightseeing					X							X
Skiing												
Snow shoeing												
Walking												X
Please indicate which of the following activities you participate in at the NM - **FALL (SEPTEMBER 1 - NOVEMBER 30)**												
Backpacking												
Birding												
Dog Walking												
Educational Programs												
Hiking			X			X		X		X		X
Horseback Riding												
Hunting												
Mountain Biking								X				
Nature Observation										X		X
Orienteering												
Other ____________________					X Rest stop		X Boat ride					
Photography												
Picnicking												
Rock Climbing												
Running								X	X			
Sightseeing					X							X
Skiing												
Snow shoeing												
Walking												X
Please indicate which of the following activities you participate in at the NM - **WINTER (DECEMBER 1 - FEBRUARY 28)**												
Backpacking												
Birding												
Dog Walking												
Educational Programs												
Hiking												
Horseback Riding												
Hunting												
Mountain Biking												
Nature Observation										X		
Orienteering												
Other ____________________												
Photography												
Picnicking												
Rock Climbing												
Running												
Sightseeing												
Skiing	X		X			X		X	X	X		
Snow shoeing										X		
Walking												
Of the activities listed above, which is your PRIMARY activity on this trip	Other ____________________			Other ____________________	Sightseeing		Other ____________________	Hiking	Running	Hiking		
Please provide your opinion on the NM trail system for the following variables												
Trails are in good condition	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree		Agree		Agree	Strongly Agree	Agree		Agree
Trails are well maintained	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree		Agree		Agree	Strongly Agree	Agree		Agree
Trails are too steep	Disagree	Strongly disagree	Disagree	Strongly disagree		Disagree		Disagree	Strongly disagree	Disagree		Disagree
Trails are too flat	Disagree	Strongly disagree	Disagree	Strongly disagree		Disagree		Disagree	Strongly disagree	Disagree		Disagree
More trails are needed	Disagree	Strongly disagree	Disagree	Agree		Disagree		Disagree	Neutral	Disagree		Neutral
There is an appropriate mix of easy, moderate, difficult trails	Agree	Agree	Strongly Agree	Strongly Agree		Agree		Agree	Strongly Agree	Agree		Agree
Winter trail grooming is sufficient			Strongly Agree			Agree		Agree	Strongly Agree	Strongly Agree		Neutral
Trail signage/markings are adequate	Disagree	Agree	Agree	Strongly Agree		Disagree		Agree	Strongly Agree	Neutral		Agree
Trailhead parking is sufficient	Agree	Strongly Agree	Agree	Strongly Agree		Agree		Agree	Strongly Agree	Strongly Agree		Agree
Trail surface material is adequate	Agree	Strongly Agree	Agree	Strongly Agree		Agree		Agree	Strongly Agree	Agree		Agree
Hours of operation re adequate	Agree	Strongly Agree	Agree	Strongly Agree				Agree	Strongly Agree	Agree		Agree
How can any of the above variables be improved?	signage could be improved			More single track trails need	Never used the trails	ne signs appear to be mis	Has never used the trails	no comments				
Generally, when do you use the trail system?	Both	weekends	weekends			Both	Both	Weekdays	Both	Weekends		Weekends
How much time do you usually spend on the trail each visit?	1 to 2 hours	more than 2 hours	more than 2 hours	30 minutes to 1 hour	Less than 30 minutes	more than 2 hours	none	More than 2 hours	1 to 2 hours	More than 2 hours		1 to 2 hours
How did you learn about the Northfield trails?	Word of mouth	the race	local resident	Through race	Roadside signage	Word of mouth	Word of mouth	Local resident	Local Resident	Word of mouth		local resident
Do you also use facilities or amenities at the NM Visitor's Center during your trip to use the trail system? Y/N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		Y
If yes, what other facilities or amenities do you use			bathrooms,visitors center		Museum		museum	Visitors center	trooms, drinking fountain,	Bathrooms, museum		Restroom, trail maps
	5-Extremely satisfied	5-Extremely satisfied	5-Extremely satisfied		4-Moderately satisified	4-Moderately satisfied	4-Moderately satisfied	4-Moderately satisfied	5- Extremely satisfied	4 Moderately Satisfied		4- Moderately satisfied
Please rate the following amenities at the Visitors' Center												
Parking	Excellent 5	Excellent 5	Excellent 5	4	Excellent 5	4	Excellent 5	4	Excellent 5	4		Excellent 5
Facility Condition	Excellent 5	Excellent 5	4	Excellent 5	Excellent 5	Excellent 5	Excellent 5	4	Excellent 5	4		Excellent 5
Toilets/Restrooms	Excellent 5	Fair 3	4	4		Excellent 5	Excellent 5	4	Excellent 5	4		Excellent 5
Variety of Amenities	4	Excellent 5	4	4	Excellent 5	4	Excellent 5	4	Excellent 5	4		Fair 3
Overall Quality	Excellent 5	Excellent 5	Excellent 5	4	Excellent 5	Excellent 5	Excellent 5	4	Excellent 5	4		Excellent 5
Please explain any poor ratings		no blow dryers in bathroom- lots of paper waste										No vending
Do the amenities at the Visitors' Center serve your interests? Y/N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		Y
If no, why?												
What did you like most about your recreational experience today	Unique to have groomed + back cou	back + bring friend- very p	Event-triathlon	network that's open to pu	Museum	beautiful trails	Scenery	Easy access	Not so crowded in the rain	Excellent trail system		Very cool
What did you like least about your recreational experience today									some slippery spots on trail	nstruction, fenced off areas		N/A
What, if anything, enhanced your recreation experience today		Variety of things to do		Large network of trails	ce place to use as rest ar	scenery	boat ride + museum	Being in the outdoors				Rain stopped
What, if anything, detracted from your recreation experience today												
What portions of the trail system do you use most often (Sections ____________)	All of them	Triathlon	x-c trails	N/A	N/A	Red trails	None	Hemlock				All (except Rose ledge usually)
Which trail access point do you generally use when you visit the trail (Access Point ____________)	Trail near visitors center	Visitors center		Visitors center	N/A	Visitors center	none	visitors center				Near building (1?)
Where did you park when accessing the trail system	Visitors center	d by road- triathlon parking	Visitors	field by road- race parking	N/A	Visitors center	N/A	visitors center				Northfield Mtn. Lot
Does the Northfield trail system serve your interests? Y/N	Y	Y	Y	Y	N	Y		Y				Y
If no, why?					Don't use them		Don't use them					
Do you have any additional comments regarding recreation opportunities at Northfield Mountain	Keep ski rentals going		Likes the programming- family groups introducing people to nature									

DATE / TIME	10/17/14 15:25	10/17/14 17:15	10/26/14 10:05	10/26/14 10:50	10/26/14 11:16	10/26/14 11:20	11/9/14 14:30	11/9/14 14:46	11/9/14 15:25	11/13/14 13:45	12/6/14 13:15
Interviewer	Andrew	Andrew	Andrew	Andrew	Andrew	Andrew	Andrew	Andrew	Andrew	Lindsay	Aaron
Weather	Warm, Sunny			Cold, mostly sunny			Cold, cloudy	Cold, cloudy	Cold, cloudy	Mostly sunny	Wet, Slushy
Air Temperature	70						40	40	40	45	34
Declined Survey	N	N	N	N	N	N	N	Y	N	N	N
Participated in survey before? Y/N	N	N	N	N	N	N	Y		N	N	N
Age	29	42	35	45	31	39			37	47	41
Gender	M	F	M	F	M	M			F	Mostly sunny	M
How many in group including self	1	1	1	2	2	4			2	2	5
Which best describes your group	Alone	Alone	Alone	Family	Friends	Family			Family	Family	Family & Friends
How many vehicles used to come here	1	1	1	1	1	1			1	1	3
Have you visited NM before? Y/N	Y	Y	Y	Y	Y	N			Y	N	Y
If yes, typically how many times a year for recreation	90	10	60	10	3				12		15
Zip Code	01360	01060	01376	01060	01002				01060		01301
Country of residency						Canada				Canada	
How often on average do you use NM trail system	1 or 2 times a week	A few times a year	1 or 2 times a week	Once a month	A few times a year	First time user			Once a month	First time user	A few times a year
When did you arrive	10/17/14 14:30	10/17/14 15:00	10/26/14 10:00	10/26/14 10:45	10/26/14 11:15	10/26/14 11:20			11/9/14 15:25		12/6/14 10:00
When do you plan to depart	10/17/14 15:30	10/17/14 17:15	10/26/14 11:30	10/26/14 12:45	10/26/14 13:15	10/26/14 12:30			11/9/14 17:25		12/6/14 10:00
How much do you think you will spend during your trip to this area of the Connecticut River	less than $100	less than $100	less than $100	less than $100	less than $100	$101 to $500			less than $100		less than $100
During your visit today what is your perception of the amount of use occurring at this site	2	1 - not crowded	1 - not crowded	2	2	1 - not crowded			1 - not crowded	1 - not crowded	1 - not crowded
Please indicate which of the following activities you participate in at the NM - (**THIS TRIP**)											
Backpacking											
Birding											
Dog Walking											
Educational Programs											
Hiking		X		X	X	X			X	X	
Horseback Riding											
Hunting											
Mountain Biking											
Nature Observation											
Orienteering											
Other ____________________											
Photography											
Picnicking											
Rock Climbing											
Running	X		X								
Sightseeing											
Skiing											X
Snow shoeing											
Walking											
Please indicate which of the following activities you participate in at the NM - **SPRING (MARCH 1 - MAY 31)**											
Backpacking											
Birding											
Dog Walking											
Educational Programs											
Hiking	X	X	X	X	X				X		X
Horseback Riding											
Hunting											
Mountain Biking											
Nature Observation											
Orienteering											
Other ____________________											
Photography											
Picnicking											
Rock Climbing											
Running	X		X								
Sightseeing											
Skiing											
Snow shoeing											
Walking											X
Please indicate which of the following activities you participate in at the NM - **SUMMER (JUNE 1 - AUGUST 31)**											
Backpacking											
Birding											
Dog Walking											
Educational Programs											
Hiking	X	X	X	X	X				X		X
Horseback Riding											
Hunting											
Mountain Biking											
Nature Observation											
Orienteering											
Other ____________________											
Photography											
Picnicking											
Rock Climbing											
Running	X		X								
Sightseeing											
Skiing											
Snow shoeing											
Walking											X
Please indicate which of the following activities you participate in at the NM - **FALL (SEPTEMBER 1 - NOVEMBER 30)**											
Backpacking											
Birding											
Dog Walking											
Educational Programs											
Hiking	X	X	X	X	X				X		X
Horseback Riding											
Hunting											
Mountain Biking											
Nature Observation											
Orienteering											
Other ____________________											
Photography											
Picnicking											
Rock Climbing											
Running	X		X								
Sightseeing											
Skiing											
Snow shoeing											
Walking											X
Please indicate which of the following activities you participate in at the NM - **WINTER (DECEMBER 1 - FEBRUARY 28)**											
Backpacking											
Birding											
Dog Walking											
Educational Programs											
Hiking											
Horseback Riding											
Hunting											
Mountain Biking											
Nature Observation											
Orienteering											
Other ____________________											
Photography											
Picnicking											
Rock Climbing											
Running											
Sightseeing											
Skiing	X										X
Snow shoeing				X							
Walking											
Of the activities listed above, which is your PRIMARY activity on this trip	Running	Hiking	Running		Hiking	Hiking				Hiking	Skiing
Please provide your opinion on the NM trail system for the following variables											
Trails are in good condition	Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree				Agree		Agree
Trails are well maintained	Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree				Agree		Agree
Trails are too steep	Disagree	Neutral	Strongly disagree	Neutral	Strongly disagree				Strongly disagree		Neutral
Trails are too flat	Disagree	Strongly disagree	Strongly disagree	Strongly disagree	Strongly disagree				Strongly disagree		Neutral
More trails are needed	Disagree	Disagree	Agree	Disagree	Strongly disagree				Disagree		Neutral
There is an appropriate mix of easy, moderate, difficult trails	Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree				Agree		Agree
Winter trail grooming is sufficient	Agree			Strongly Agree	Strongly Agree						Agree
Trail signage/markings are adequate	Agree	Agree	Strongly Agree	Agree	Strongly Agree				Agree		Agree
Trailhead parking is sufficient	Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree				Agree		Agree
Trail surface material is adequate	Agree	Strongly Agree	Strongly Agree	Agree	Strongly Agree				Agree		Agree
Hours of operation re adequate	Agree	Strongly Agree	Strongly Agree	Agree	Strongly Agree				Agree		Agree
How can any of the above variables be improved?											
Generally, when do you use the trail system?	Both	Weekends	Both	weekends	Both				Both	weekdays	Weekends
How much time do you usually spend on the trail each visit?	1 to 2 hours	1 to 2 hours	1 to 2 hours	1 to 2 hours	1 to 2 hours				More then 2 hours	more than 2 hours	1 to 2 hours
How did you learn about the Northfield trails?	Local Resident	Word of mouth	Word of mouth	Word of mouth	Word of mouth	Internet web site			Word of mouth	Trail book, read about it	Local resident
Do you also use facilities or amenities at the NM Visitor's Center during your trip to use the trail system? Y/N	Y	Y	Y	N	Y				Y	N	Y
If yes, what other facilities or amenities do you use	Restrooms	Restrooms	Restrooms		Bathroom, water, museum				Restrooms	Very good	troom, warm lobby to change
	3 Satisfied	4- Moderately satisfied	5 Extremely satisfied		5- Extremely satisfied	3 Satisfied			4 Moderately satisfied		5-Extremly satisfied
Please rate the following amenities at the Visitors' Center											
Parking	4	4	Excellent 5	Excellent 5	Excellent 5	4			4	4	Excellent 5
Facility Condition	4	4	Excellent 5		Excellent 5				4	4	Excellent 5
Toilets/Restrooms	4	4	Excellent 5		Excellent 5				4	4	Excellent 5
Variety of Amenities	4	4	Excellent 5		Excellent 5				4	Fair 3	Excellent 5
Overall Quality	4	4	Excellent 5	Excellent 5	Excellent 5				4	4	Excellent 5
Please explain any poor ratings											
Do the amenities at the Visitors' Center serve your interests? Y/N	Y	Y	Y		Y				Y	Y	Y
If no, why?					Peace, quiet						
What did you like most about your recreational experience today		Solitude	Nice, varied trail system	Trails in good shape					Extensive trail systems, well mai	Great day	Rain
What did you like least about your recreational experience today		The more developed areas of the trail system			Good to have the building here w/ bathrooms etc.						Not ideal ski conditions, some spots melted
What, if anything, enhanced your recreation experience today											Time w/ family + friends
What, if anything, detracted from your recreation experience today											Not enough snow
What portions of the trail system do you use most often (Sections ____________)											Mostly main sections, veered off
Which trail access point do you generally use when you visit the trail (Access Point ____________)											Visitors center
Where did you park when accessing the trail system										Visitors center parking lot	Parking lot at visitors center
Does the Northfield trail system serve your interests? Y/N										Y	Y
If no, why?											
Do you have any additional comments regarding recreation opportunities at Northfield Mountain										1st time hiking here from Canada	

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