

## Examples of discharge measurement summaries on the Sagavanirktok River, Alaska - USA

Location: DSS2 Channel 1

Date: 27/05/2017

Tr.#		Edge Distance		#Ens.	Discharge						Width	Area	Time		Mean Vel.		% Bad	
		L	R		Top	Middle	Bottom	Left	Right	Total			Start	End	Boat	Water	Ens.	Bins
000	L	1.00	3.00	195	39.6	349	61.4	0.144	0.217	450	122.1	238.7	12:17	12:19	1.06	1.89	2	0
001	R	1.00	1.00	135	38.1	348	56.7	0.378	0.053	443	115.2	224.4	12:19	12:21	1.45	1.98	13	0
002	L	1.00	1.00	139	38.6	348	60.2	0.177	0.073	447	118.1	239.4	12:21	12:23	1.40	1.87	4	0
003	R	1.00	2.00	123	39.7	370	67.0	0.222	0.341	477	108.0	217.3	12:24	12:25	1.53	2.20	1	0
<b>Mean</b>		1.00	1.75	148	39.0	354	61.3	0.230	0.171	454	115.9	229.9	<b>Total</b>	00:08	1.36	1.98	5	0
<b>5Dev</b>		0.00	0.96	32	0.762	10.8	4.24	0.104	0.135	15.4	5.9	10.9			0.21	0.15		
<b>5D/M</b>		0.00	0.55	0.22	0.02	0.03	0.07	0.45	0.79	0.03	0.05	0.05			0.15	0.08		

Location: DSS2 Channel 2

Date: 27/05/2017

Tr.#		Edge Distance		#Ens.	Discharge						Width	Area	Time		Mean Vel.		% Bad	
		L	R		Top	Middle	Bottom	Left	Right	Total			Start	End	Boat	Water	Ens.	Bins
004	L	2.00	5.00	94	6.68	11.3	2.18	0.042	0.171	20.3	45.6	21.2	12:28	12:29	0.92	0.96	4	0
005	R	1.00	3.00	93	6.43	11.5	2.71	0.275	0.054	21.0	45.9	21.4	12:29	12:30	0.83	0.98	19	0
006	L	3.00	3.00	94	5.84	11.1	2.26	0.870	0.064	20.1	42.4	19.1	12:31	12:32	0.83	1.05	9	0
007	R	2.00	8.00	105	6.18	11.0	2.19	0.168	0.137	19.7	45.3	19.0	12:33	12:34	0.83	1.04	7	0
<b>Mean</b>		2.00	4.75	96	6.28	11.2	2.34	0.339	0.107	20.3	44.8	20.2	<b>Total</b>	00:05	0.85	1.01	10	0
<b>5Dev</b>		0.82	2.36	6	0.358	0.222	0.251	0.367	0.057	0.534	1.6	1.3			0.04	0.05		
<b>5D/M</b>		0.41	0.50	0.06	0.06	0.02	0.11	1.08	0.53	0.03	0.04	0.07			0.05	0.05		

Location: DSS2 Channel 3

Date: 27/05/2017

Tr.#		Edge Distance		#Ens.	Discharge						Width	Area	Time		Mean Vel.		% Bad	
		L	R		Top	Middle	Bottom	Left	Right	Total			Start	End	Boat	Water	Ens.	Bins
008	L	8.00	10.0	112	20.3	38.8	11.3	0.663	0.991	72.1	92.4	44.2	12:36	12:37	1.17	1.63	6	0
009	R	10.0	12.0	128	20.1	35.2	11.9	0.899	1.56	69.7	93.1	42.5	12:37	12:39	0.97	1.64	2	0
010	L	10.0	15.0	103	18.8	36.9	10.5	0.737	1.80	68.7	99.1	45.0	12:39	12:40	1.26	1.53	3	0
011	R	10.0	12.0	118	20.1	36.7	10.6	0.779	1.49	69.6	90.2	41.3	12:40	12:41	1.04	1.69	3	0
<b>Mean</b>		9.50	12.3	115	19.9	36.9	11.1	0.770	1.46	70.0	93.7	43.2	<b>Total</b>	00:05	1.11	1.62	4	0
<b>5Dev</b>		1.00	2.06	11	0.683	1.45	0.670	0.099	0.342	1.43	3.8	1.6			0.13	0.07		
<b>5D/M</b>		0.11	0.17	0.09	0.03	0.04	0.06	0.13	0.23	0.02	0.04	0.04			0.12	0.04		

Location: MP387 Channel 1

Date: 31/05/2017

Tr.#		Edge Distance		#Ens.	Discharge						Width	Area	Time		Mean Vel.		% Bad	
		L	R		Top	Middle	Bottom	Left	Right	Total			Start	End	Boat	Water	Ens.	Bins
000	L	8.00	5.00	216	37.8	123	23.3	1.03	0.426	186	158.6	125.5	15:20	15:22	1.11	1.48	2	0
001	R	5.00	5.00	238	36.0	116	22.0	0.201	0.408	175	155.9	123.1	15:22	15:25	1.04	1.42	3	0
002	L	5.00	5.00	169	35.5	114	21.3	0.301	0.364	172	157.8	126.2	15:25	15:27	1.42	1.36	1	0
003	R	7.00	5.00	203	35.1	126	22.2	0.582	0.272	184	157.2	131.4	15:27	15:29	1.11	1.40	0	0
<b>Mean</b>		6.25	5.00	206	36.1	120	22.2	0.529	0.368	179	157.4	126.5	<b>Total</b>	00:09	1.17	1.42	2	0
<b>5Dev</b>		1.50	0.00	29	1.21	5.35	0.829	0.371	0.069	6.64	1.1	3.5			0.17	0.05		
<b>5D/M</b>		0.24	0.00	0.14	0.03	0.04	0.04	0.70	0.19	0.04	0.01	0.03			0.14	0.03		

Location: MP387 Channel 2

Date: 31/05/2017

Tr.#		Edge Distance		#Ens.	MBT Corrected Discharge						Width	Area	Time		Mean Vel.		% Bad	
		L	R		Top	Middle	Bottom	Left	Right	Total			Start	End	Boat	Water	Ens.	Bins
004	R	3.00	2.00	95	4.01	7.87	1.48	0.356	0.203	13.9	23.6	11.9	15:33	15:34	0.41	1.17	0	0
<b>Mean</b>		3.00	2.00	95	4.01	7.87	1.48	0.356	0.203	13.9	23.6	11.9	<b>Total</b>	00:00	0.41	1.17	0	0
<b>5Dev</b>																		
<b>5D/M</b>																		

Location: MP387 Channel 3

Date: 31/05/2017

Tr.#		Edge Distance		#Ens.	MBT Corrected Discharge						Width	Area	Time		Mean Vel.		% Bad	
		L	R		Top	Middle	Bottom	Left	Right	Total			Start	End	Boat	Water	Ens.	Bins
005	L	8.00	3.00	227	59.2	333	56.7	0.430	0.598	450	185.8	221.4	15:37	15:40	1.35	2.03	1	0
006	R	8.00	1.00	281	56.9	337	54.9	0.523	0.054	450	187.5	228.8	15:40	15:43	1.30	1.97	2	0
007	L	8.00	1.00	251	57.9	332	55.2	0.431	0.216	446	181.1	220.5	15:43	15:46	1.18	2.02	0	0
009	R	8.00	1.00	310	57.5	336	54.3	0.476	0.036	448	184.3	220.8	15:47	15:51	1.07	2.03	1	0
<b>Mean</b>		8.00	1.50	267	57.9	335	55.3	0.465	0.226	448	184.7	222.9	<b>Total</b>	00:14	1.23	2.01	1	0
<b>5Dev</b>		0.00	1.00	36	0.978	2.37	1.01	0.044	0.261	2.10	2.7	4.0			0.13	0.03		
<b>5D/M</b>		0.00	0.67	0.14	0.02	0.01	0.02	0.10	1.15	0.00	0.01	0.02			0.10	0.02		

Location: DSS1

Date: 26/05/2017

Tr.#		Edge Distance		#Ens.	Discharge						Width	Area	Time		Mean Vel.		% Bad	
		L	R		Top	Middle	Bottom	Left	Right	Total			Start	End	Boat	Water	Ens.	Bins
000	L	3.00	1.00	254	49.1	239	44.7	0.603	0.164	334	300.9	327.2	21:44	21:47	1.78	1.02	7	0
001	R	2.00	1.00	249	51.0	246	39.7	0.172	0.523	338	319.6	345.8	21:47	21:50	1.92	0.98	12	0
002	L	2.00	2.00	196	45.0	234	41.6	0.150	0.442	321	295.9	324.3	21:51	21:53	2.33	0.99	6	1
003	R	2.00	2.00	251	49.1	245	41.0	0.204	0.189	335	296.5	329.0	21:53	21:56	1.91	1.02	10	0
Mean		2.25	1.50	237	48.6	241	41.8	0.282	0.330	332	303.2	331.6	Total	00:11	1.99	1.00	9	1
5Dev		0.50	0.58	28	2.50	5.62	2.10	0.215	0.180	7.33	11.2	9.6			0.23	0.02		
5D/M		0.22	0.38	0.12	0.05	0.02	0.05	0.76	0.55	0.02	0.04	0.03			0.12	0.02		