

11-10-2008

Ex. 280-US-443

Unknown

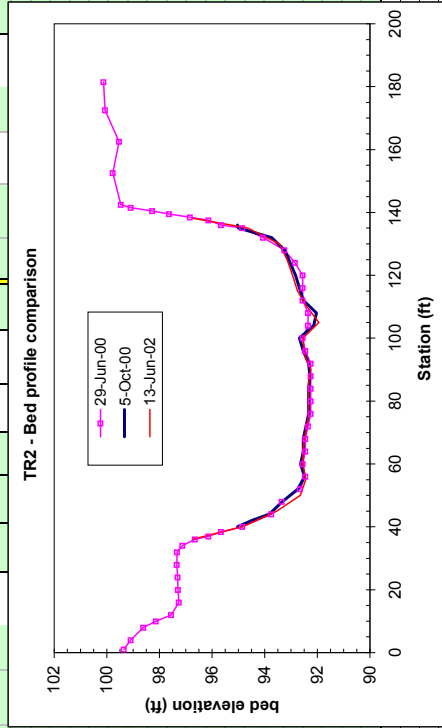
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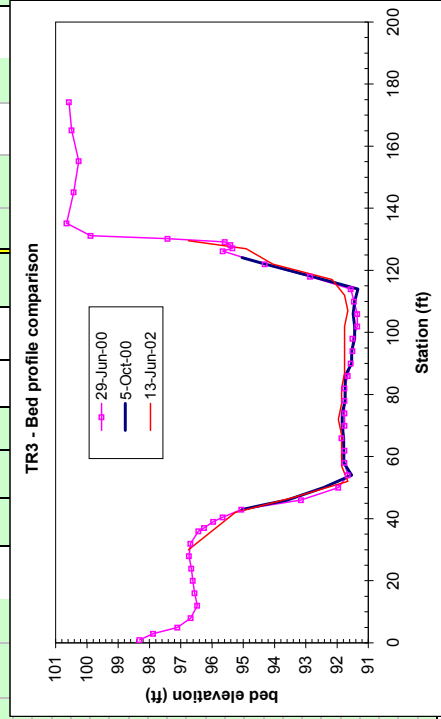
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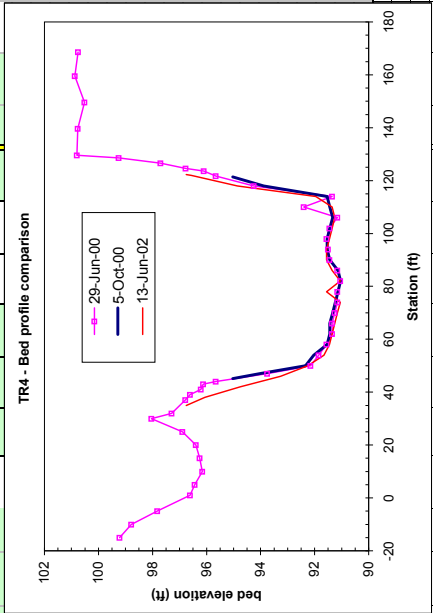
Stream: Sprague River	Site: 646	Transect: 2	Habitat: Riffle	29-Jun-00				5-Oct-00				13-Jun-02								
				Sta (ft)	FS (ft)	Ground (ft)	Depth (ft)	V _{avg} (ft/s)	V _{0.8} Ave	q (cfs)	subs.	Sta (ft)	FS (ft)	Ground (ft)	Depth (ft)	V _{avg} (ft/s)	V _{0.8} Ave	q (cfs)	subs.	
				1.0	5.32	99.35														
				4.0	5.58	99.09														
				8.0	6.06	98.61														
				10.0	6.53	98.14														
				12.0	7.11	97.56														
				16.0	7.41	97.26														
				20.0	7.38	97.29														
				24.0	7.36	97.31														
				28.0	7.33	97.34														
				32.0	7.34	97.33														
				34.0	7.55	97.12														
				36.0	8.02	96.65														
				37.0	8.53	96.14														
				REW	38.4	95.66	0.00	0.00												
				40.0	94.86	0.80	0.10	0.22												
				44.0	93.76	1.90	0.03	0.03	0.23											
				48.0	93.36	2.30	0.10	0.10	0.92											
				52.0	92.66	3.00	0.50	0.45	0.48	5.70										
				56.0	92.46	3.20	0.62	0.49	0.56	7.10										
				60.0	92.56	3.10	0.66	0.63	0.65	8.00										
				64.0	92.46	3.20	0.65	0.58	0.62	7.87										
				68.0	92.46	3.20	0.64	0.62	0.63	8.06										
				72.0	92.36	3.30	0.74	0.63	0.69	9.04										
				76.0	92.26	3.40	0.76	0.67	0.72	9.72										
				80.0	92.26	3.40	0.72	0.55	0.64	8.64										
				84.0	92.26	3.40	0.69	0.64	0.67	9.04										
				88.0	92.26	3.40	0.67	0.58	0.63	8.50										
				92.0	92.26	3.40	0.61	0.31	0.46	6.26										
				96.0	92.46	3.20	0.53	0.55	0.54	6.91										
				100.0	92.56	3.10	0.61	0.01	0.31	3.84										
				104.0	92.36	3.30	0.48	0.34	0.41	5.41										
				108.0	92.36	3.30	0.45	0.27	0.36	4.75										
				112.0	92.56	3.10	0.43	0.18	0.31	3.78										
				116.0	92.56	3.10	0.26	0.15	0.21	2.54										
				120.0	92.56	3.10	0.20	0.05	0.13	1.55										
				124.0	92.86	2.80	0.13	0.03	0.08	0.90										
				in veg	128.0	93.26	2.40	-0.01	-0.01	-0.10										
				in veg	132.0	94.06	1.60	-0.02	-0.02	-0.11										
				LEW	135.0	94.86	0.80	-0.05	-0.05	-0.08										
				137.5	96.68	95.66	0.00	0.00	0.00	0.00										
				138.5	8.98	96.14														
				139.5	8.18	97.64														
				140.5	7.55	98.27														
				141.5	6.73	99.09														
				142.5	6.35	99.47														
				152.5	6.05	99.77														
				162.5	6.29	99.53														
				172.5	5.75	100.07														
				181.5	5.70	100.12														



Stream: Sprague River		29-Jun-00				5-Oct-00				13-Jun-02													
Site: 646	Transsect: 3	Sta (ft)	FS (ft)	Ground (ft)	Depth (ft)	Vel (ft/s)	V _{0.20.6}	V _{0.8}	Ave	q (cfs)	subs.	Sta (ft)	FS (ft)	Ground (ft)	Depth (ft)	Vel (ft/s)	V _{0.20.6}	V _{0.8}	Ave	Angle (deg)	q (cfs)	subs.	
		1.0	6.35	98.32							1.1												
		3.0	6.79	97.88							1.1												
		5.0	7.57	97.10							1.1												
		8.0	7.99	96.68							1.1												
		12.0	8.20	96.47							1.1												
		16.0	8.12	96.55							1.1												
		20.0	8.06	96.61							1.1												
		24.0	8.01	96.66							1.1												
		28.0	7.98	96.73							1.1												
		32.0	7.98	96.69							1.1												
		36.0	8.24	96.43							1.1												
		37.0	8.42	96.25							1.1												
		39.0	8.71	95.96							1.1												
		REW	40.5	95.66	0.00	0.00				0.00	0.00	1.1											
			43.5	95.06	0.60	0.01	0.01	0.01	0.01	0.01	0.02	1.2											
			46.0	93.16	2.50	0.02	0.38	0.20	0.20	1.75	1.2												
			in veg	91.96	3.70	-0.02	-0.12	-0.07	-1.04	1.2													
			54.0	91.66	4.00	0.37	0.41	0.39	6.24	1.4													
			58.0	91.76	3.90	0.47	0.51	0.49	7.64	4.2													
			62.0	91.76	3.90	0.55	0.58	0.57	8.81	4.2													
			66.0	91.86	3.80	0.63	0.65	0.64	9.73	4.2													
			70.0	91.76	3.90	0.63	0.68	0.66	10.22	4.2													
			74.0	91.76	3.90	0.61	0.69	0.65	10.14	4.2													
			78.0	91.76	3.90	0.54	0.72	0.63	9.83	4.2													
			82.0	91.76	3.90	0.62	0.69	0.62	9.59	4.2													
			86.0	91.66	4.00	0.62	0.69	0.66	10.48	4.2													
			90.0	91.56	4.10	0.51	0.69	0.60	9.84	4.2													
			94.0	91.51	4.15	0.54	0.61	0.58	9.55	4.2													
			98.0	91.51	4.15	0.55	0.57	0.56	9.30	4.2													
			102.0	91.36	4.30	0.41	0.51	0.46	7.91	4.1													
			106.0	91.36	4.30	0.30	0.44	0.37	6.36	1.1													
			110.0	91.46	4.20	0.27	0.30	0.29	4.79	4.1													
			114.0	91.56	4.10	-0.02	0.23	0.11	1.72	1.1													
			118.0	92.86	2.80	-0.09	0.13	0.02	0.22	1.1													
			122.0	94.31	1.35	0.22	0.22	0.22	1.22	2.1													
			LEW	126.2	95.66	0.00	0.00	0.00	0.00	0.00	1.2												
			127.2	9.33	95.34						1.1												
			128.2	9.26	95.41						1.1												
			129.2	9.08	95.59						1.1												
			130.2	8.40	97.42						1.1												
			131.2	5.94	99.88						1.1												
			132.2	5.17	100.65						1.1												
			133.2	5.40	100.42						1.1												
			134.2	5.56	100.26						1.1												
			135.2	5.33	100.49						1.1												
			136.2	5.25	100.57						1.1												

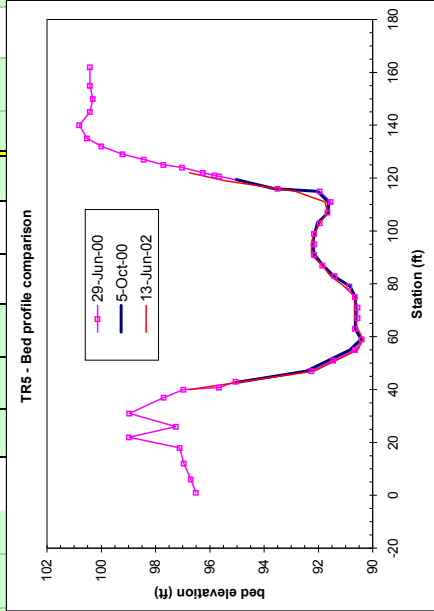


Stream: Sprague River				29-Jun-00				5-Oct-00				13-Jun-02										
Site: 646	4			Sta (ft)	FS (ft)	Ground (ft)	Depth (ft)	$V_{0.206}$	$V_{0.85}$	Ave (cfs)	q (cfs)	sub	Sta (ft)	FS (ft)	Ground (ft)	Depth (ft)	$V_{0.206}$	$V_{0.85}$	Ave (cfs)	q (cfs)	sub	
Transsect:	Habitat:	Survey	Date																			
	Rifle	HI-R	HI-L	Q																		
		(ft)	(ft)	(cfs)																		
		-15.0	2.75	99.22																		
		-10.0	3.18	98.79																		
		-5.0	4.15	97.82																		
		1.0	5.36	96.61																		
		5.0	5.53	96.44																		
		10.0	5.81	96.16																		
		15.0	5.72	96.25																		
		20.0	5.57	96.40																		
		25.0	5.08	96.89																		
		30.0	3.93	98.04																		
		32.0	4.68	97.29																		
		37.0	5.19	96.78																		
		39.0	5.36	96.61																		
		41.0	5.76	96.21																		
		43.0	5.85	96.12																		
		47.0		93.76				0.00	0.40	2.28	0.00		REW 44.0									
		50.0		92.16				0.40	0.11	1.29	0.00											
		54.0		91.86				0.13	0.38	5.70	0.00											
		58.0		91.56				0.41	0.38	5.70	0.00											
		62.0		91.36				0.47	0.43	8.77	0.00											
		66.0		91.36				0.55	0.47	8.77	0.00											
		70.0		91.26				0.47	0.58	9.03	0.00											
		74.0		91.16				0.54	0.66	10.80	0.00											
		78.0		91.16				0.59	0.71	11.34	0.00											
		82.0		91.06				0.52	0.80	12.14	0.00											
		86.0		91.16				0.54	0.66	10.80	0.00											
		90.0		91.46				0.45	0.62	8.99	0.00											
		94.0		91.51				0.40	0.58	8.13	0.00											
		98.0		91.56				0.39	0.52	7.46	0.00											
		102.0		91.46				0.29	0.43	6.05	0.00											
		106.0		92.41				0.30	0.15	4.05	0.00											
		110.0		92.41				0.05	0.25	1.95	0.00											
		114.0		91.36				-0.01	0.22	1.81	0.00											
		118.0		94.26				0.16	0.16	0.86	0.00											
		123.6	10.00	96.10				0.00	0.00	0.00	0.00											
		124.6	9.33	96.77																		
		126.6	8.40	97.70																		
		128.6	6.85	99.25																		
		129.6	5.30	100.80																		
		139.6	5.33	100.77																		
		149.6	5.58	100.52																		
		159.6	5.23	100.87																		
		168.6	5.34	100.76																		

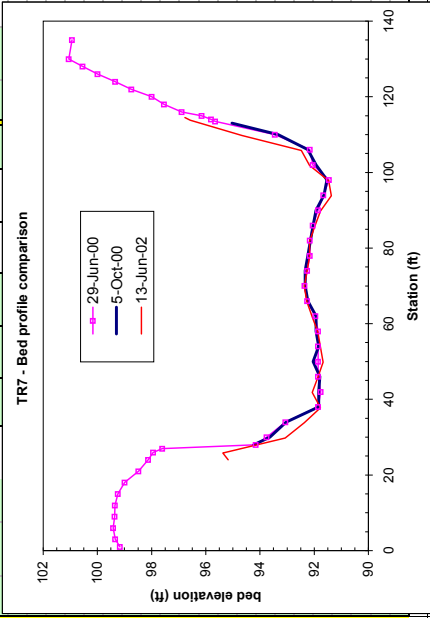


TR-1

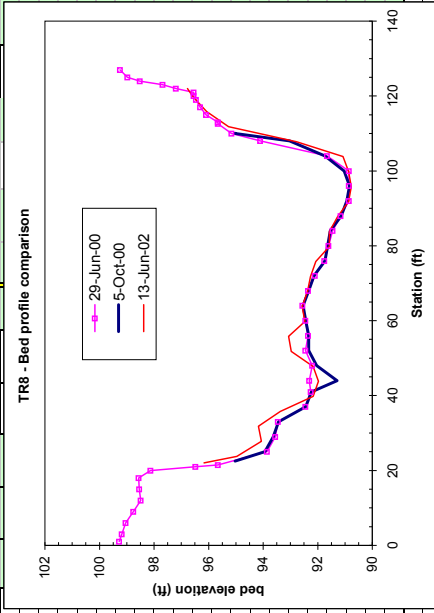
Stream: Sprague River				29-Jun-00				5-Oct-00				13-Jun-02												
Survey Date	HI-R (ft)	HI-L (ft)	Q (cfs)	Sta (ft)	FS (ft)	Ground (ft)	Depth (ft)	Vel (ft/s)	V _{0.206}	V _{0.8}	Ave	q (cfs)	sub.	Sta (ft)	FS (ft)	Ground (ft)	Depth (ft)	Vel (ft/s)	V _{0.206}	V _{0.8}	Ave	q (cfs)	sub.	
6/29/2000	102.72	106.10	131.4	1.0	8.49	96.52																		
10/5/2000			135.8	6.0	8.31	96.70																		
6/13/2002			190.6	12.0	8.05	96.96																		
6/29/2000	105.01			18.0	7.90	97.11																		
				22.0	6.03	98.98																		
				26.0	5.47	97.25																		
				31.0	3.75	98.97																		
				37.0	5.02	97.70																		
				40.0	5.75	96.97																		
				REW	40.8	95.66	0.00	0.00																
				in woo	43.0	95.06	0.60	-0.01	-0.01	-0.02	2.1													
					47.0	92.26	3.40	-0.02	0.04	0.01	0.14	2.1												
				in woo	51.0	91.46	4.20	0.29	0.30	0.30	4.96	4.2												
					55.0	90.66	5.00	0.46	0.43	0.45	8.90	4.2												
				59.0	90.41	5.25	0.40	0.54	0.47	9.87	4.2													
				63.0	90.66	5.00	0.42	0.62	0.52	10.40	4.2													
				67.0	90.56	5.10	0.43	0.62	0.53	10.71	4.2													
				71.0	90.56	5.10	0.48	0.67	0.58	11.73	2.3													
				75.0	90.66	5.00	0.43	0.75	0.59	11.80	2.3													
				79.0	90.86	4.80	0.50	0.61	0.56	10.66	3.4													
				83.0	91.41	4.25	0.57	0.60	0.59	9.95	3.4													
				87.0	91.86	3.80	0.42	0.77	0.60	9.04	3.4													
				91.0	92.16	3.50	0.56	0.55	0.56	7.77	3.4													
				95.0	92.16	3.50	0.34	0.52	0.43	6.02	3.4													
				99.0	92.16	3.50	0.37	0.49	0.43	6.02	3.4													
				103.0	91.96	3.70	0.31	0.44	0.38	5.55	3.4													
				107.0	91.66	4.00	0.07	0.45	0.26	4.16	2.3													
				111.0	91.56	4.10	0.02	0.23	0.13	2.05	2.1													
				115.0	91.96	3.70	0.02	0.12	0.07	0.65	2.1													
				116.0	93.51	2.15	0.18	0.18	0.18	1.10	2.0													
				LEW	120.7	95.66	0.00	0.00																
				121.0	10.27	95.83																		
				122.0	9.85	96.25																		
				124.0	9.08	97.02																		
				125.0	8.39	97.71																		
				127.0	7.67	98.43																		
				129.0	6.89	99.21																		
				132.0	6.11	99.99																		
				135.0	5.57	100.53																		
				140.0	5.29	100.81																		
				145.0	5.68	100.42																		
				150.0	5.79	100.31																		
				155.0	5.68	100.42																		
				162.0	5.68	100.42																		



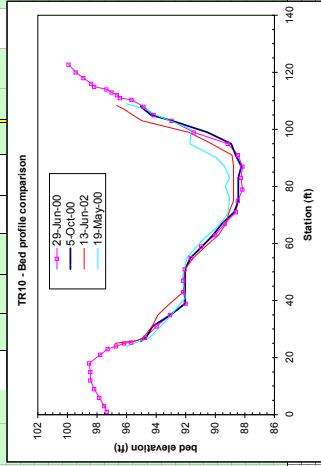
Stream: Sprague River		29-Jun-00		5-Oct-00		13-Jun-02		q	
Site: 646	Transsect: 7	Sta (ft)	FS (ft)	Ground (ft)	Depth (ft)	Vel (ft/s)	V _{0.20.6}	Ave	sub.
Habitat: Rffile	HI-R	HI-L	Q	q	q	q	q	q	q
Survey Date	HI-R (ft)	HI-L (ft)	Q (cfs)	q (cfs)	q (cfs)	q (cfs)	q (cfs)	q (cfs)	q (cfs)
6/29/2000	103.99	106.10	137.5	1.1	1.1	1.1	1.1	1.1	1.1
10/5/2000	6.0	4.57	99.42	1.1	1.1	1.1	1.1	1.1	1.1
6/13/2002	9.0	4.63	99.36	1.1	1.1	1.1	1.1	1.1	1.1
	12.0	4.64	99.35	1.1	1.1	1.1	1.1	1.1	1.1
	15.0	4.75	99.24	1.1	1.1	1.1	1.1	1.1	1.1
	18.0	5.00	98.99	1.1	1.1	1.1	1.1	1.1	1.1
	21.0	5.51	98.48	1.1	1.1	1.1	1.1	1.1	1.1
	24.0	5.86	98.13	1.1	1.1	1.1	1.1	1.1	1.1
	26.0	6.05	97.94	1.1	1.1	1.1	1.1	1.1	1.1
	27.0	6.38	97.61	1.1	1.1	1.1	1.1	1.1	1.1
	REW: 28.0		94.16	1.50	0.07	0.07	0.07	0.07	0.11
	30.0		93.76	1.90	0.06	0.06	0.06	0.06	0.34
	34.0		93.06	2.60	-0.02	0.16	0.07	0.07	0.73
	38.0		91.86	3.80	0.02	0.19	0.11	1.60	2.1
	42.0		91.76	3.90	0.29	0.40	0.35	5.38	2.1
	46.0		91.86	3.80	0.20	0.50	0.35	5.32	2.3
	50.0		91.86	3.80	0.32	0.61	0.57	8.59	2.3
	54.0		91.86	3.80	0.42	0.62	0.52	7.90	2.3
	58.0		91.86	3.80	0.45	0.61	0.53	8.06	2.3
	62.0		91.96	3.70	0.56	0.67	0.62	9.10	2.3
	66.0		92.26	3.40	0.58	0.68	0.63	8.57	2.3
	70.0		92.36	3.30	0.54	0.71	0.63	8.25	2.4
	74.0		92.26	3.40	0.61	0.72	0.67	9.04	2.4
	78.0		92.16	3.50	0.61	0.68	0.65	9.03	2.4
	82.0		92.16	3.50	0.51	0.63	0.57	7.98	2.4
	86.0		92.06	3.60	0.58	0.76	0.67	9.65	2.4
	90.0		91.86	3.80	0.57	0.72	0.65	9.80	2.4
	94.0		91.66	4.00	0.57	0.65	0.61	9.76	2.4
	98.0		91.46	4.20	0.47	0.58	0.53	8.82	2.4
	102.0		92.06	3.60	0.44	0.43	0.44	6.26	2.4
	106.0		92.16	3.50	0.18	0.12	0.15	2.10	2.4
	110.0		93.46	2.70	0.14	0.14	0.14	1.16	2.1
	LEW: 113.5		95.66	0.00	0.00	0.00	0.00	0.00	2.1
	114.0		10.29	95.81					1.1
	115.0		9.95	96.15					1.1
	116.0		9.21	96.89					1.1
	118.0		8.56	97.54					1.1
	120.0		8.10	98.00					1.1
	122.0		7.36	98.74					1.1
	124.0		6.76	99.34					1.1
	126.0		6.11	99.99					1.1
	128.0		5.55	100.55					1.1
	130.0		5.04	101.06					1.1
	135.0		5.16	100.94					1.1
	140.0		5.55	100.55					1.1
	145.5		5.25	100.85					1.1



Stream: Spague River		Date		Q		29-Jun-00		5-Oct-00		13-Jun-02		Angle			
Site	8	HI-R	HI-L	Sta	FS	Ground	Depth	Vel (ft/s)	Sta	FS	Ground	Depth	Vel (ft/s)		
Transsect:	Rifle	103.99	106.10	(ft)	(ft)	(ft)	(ft)	V _{0.206}	(ft)	(ft)	(ft)	(ft)	V _{0.206}		
Habitat:	Rifle							Ave					Ave		
Survey	HI-R	HI-L	Q	q	sub.	q	sub.	q	sub.	q	sub.	q	sub.		
6/29/2000	4.71	99.28	129.7	1.1											
10/5/2000	3.0	4.81	99.18	1.1											
6/13/2002	9.0	5.23	98.76	1.1											
	12.0	5.50	98.49	1.1											
	15.0	5.45	98.54	1.1											
	18.0	5.43	98.56	1.1											
	20.0	5.86	98.13	1.1											
	21.0	7.51	96.48	1.1											
	REW	21.5	95.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.00		
		25.0	93.86	1.80	0.01	0.01	0.07	-0.01	-0.04	2.1	1.8	24	94.97	1.80	
		29.0	93.56	2.10	0.00	0.00	0.00	0.00	0.00	2.1	5.8	28	94.07	2.70	
	woodh	33.0	93.46	2.20	0.01	0.01	0.09	-0.03	-0.19	2.1	9.8	32	94.17	2.60	
		37.0	92.46	3.20	0.10	0.29	0.20	0.42	-0.04	1.98	13.8	36	93.37	3.40	
		41.0	92.26	3.40	0.00	0.41	0.21	0.43	0.00	2.11	17.8	40	92.17	4.60	
		44.0	92.21	3.35	0.43	0.55	0.49	0.63	0.49	5.75	23.3	44	91.97	4.80	
		48.0	92.46	3.20	0.26	0.61	0.44	0.72	0.27	5.94	23.3	48	92.17	4.60	
		52.0	92.36	3.30	0.41	0.63	0.52	0.68	0.77	7.61	23.3	52	92.97	3.80	
		60.0	92.46	3.20	0.45	0.59	0.52	0.66	0.73	7.54	23.3	60	92.47	4.30	
		64.0	92.56	3.10	0.49	0.64	0.57	0.70	0.82	7.20	23.3	64	92.57	4.20	
		68.0	92.36	3.30	0.53	0.62	0.58	0.75	0.82	7.59	24	68	92.37	4.40	
		72.0	92.11	3.55	0.46	0.60	0.53	0.73	0.79	9.16	24	72	92.27	4.50	
		76.0	91.76	3.90	0.58	0.62	0.60	0.936	0.77	10.10	24	76	92.07	4.70	
		80.0	91.61	4.05	0.63	0.65	0.64	10.37	0.86	11.70	24	80	91.57	5.20	
		84.0	91.46	4.20	0.61	0.65	0.63	10.58	0.85	11.83	24	84	91.57	5.20	
		88.0	91.16	4.50	0.57	0.73	0.65	11.70	0.82	12.71	4.2	88	91.27	5.50	
		92.0	90.86	4.80	0.51	0.67	0.59	11.33	0.70	11.89	4.2	92	91.27	5.50	
		96.0	90.86	4.80	0.45	0.43	0.44	8.45	0.52	9.16	2.3	96	90.77	6.00	
		100.0	90.86	4.80	0.40	0.27	0.34	6.43	0.27	3.8	6.08	2.3	100	90.87	5.90
		104.0	91.66	4.00	0.01	0.26	0.14	2.16	0.21	2.77	2.1	104	91.07	5.70	
		108.0	94.11	1.55	0.11	0.51	0.11	0.51	0.08	0.48	2.1	108	92.77	4.50	
		110.0	95.16	0.50	-0.15	-0.15	-0.17	1.2	0.00	0.00	1.2	110	95.07	0.70	
	LEW	112.6	95.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.2	112.6	96.07	0.20	
		113.0	10.44	95.66									96.77	0.00	
		115.0	10.01	96.09											
		117.0	9.79	96.31											
		119.0	9.64	96.46											
		120.0	9.55	96.55											
		121.0	9.55	96.55											
		122.0	8.90	97.20											
		123.0	8.41	97.69											
		124.0	7.58	98.52											
		125.0	7.12	98.98											
		127.0	6.85	99.25											
		129.0	6.46	99.64											
		131.0	5.91	100.19											
		133.0	5.35	100.75											
		135.0	5.15	100.95											
		137.4	5.00	101.10											



Stream: Strauge River		29-Jun-00		5-Oct-00		13-Jun-02		19-Mar-00		Angle	
Stn (ft)	FS (ft)	Ground (ft)	Depth (ft)	Vel (ft/s)	Vel (ft/s)	Vel (ft/s)	Vel (ft/s)	Depth (ft)	Ground (ft)	Stn (ft)	FS (ft)
Stn (ft)	FS (ft)	Ground (ft)	Depth (ft)	Vel (ft/s)	Vel (ft/s)	Vel (ft/s)	Vel (ft/s)	Depth (ft)	Ground (ft)	Stn (ft)	FS (ft)
1.0	6.65	97.34								24.0	24.0
3.0	6.47	97.52									
6.0	6.15	97.84									
9.0	5.80	98.19									
12.0	5.55	98.44									
15.0	5.36	98.55									
18.0	5.36	98.55									
21.0	6.22	97.27									
24.0	7.29	96.70									
25.0	7.82	96.17									
25.3	8.32	95.67	0.00	0.00	0.00	0.00	0.00	0.00	96.03	96.03	
25.3	8.32	95.67	0.00	0.00	0.00	0.00	0.00	0.00	96.03	96.03	
27.0	94.76	99.01	0.01	0.01	0.01	0.01	0.01	0.01	94.43	94.43	
30.0	93.96	98.21	-0.04	0.20	0.04	0.20	0.04	0.20	93.13	93.13	
33.0	92.01	96.26	0.03	0.27	0.15	0.27	0.15	0.27	91.93	91.93	
39.0	92.01	96.26	0.03	0.27	0.15	0.27	0.15	0.27	91.93	91.93	
43.0	92.16	96.30	0.22	0.28	0.25	0.28	0.25	0.28	90.73	90.73	
47.0	92.16	96.30	0.22	0.28	0.25	0.28	0.25	0.28	90.73	90.73	
51.0	92.06	96.40	0.42	0.43	0.43	0.43	0.43	0.43	89.33	89.33	
55.0	91.66	96.00	0.45	0.46	0.46	0.46	0.46	0.46	88.13	88.13	
59.0	90.96	95.70	0.46	0.43	0.43	0.43	0.43	0.43	87.03	87.03	
63.0	90.21	95.65	0.46	0.46	0.46	0.46	0.46	0.46	86.03	86.03	
67.0	89.16	95.50	0.43	0.43	0.43	0.43	0.43	0.43	85.13	85.13	
71.0	88.61	95.55	0.51	0.53	0.53	0.53	0.53	0.53	84.38	84.38	
75.0	88.46	95.50	0.63	0.50	0.57	0.62	0.57	0.62	83.70	83.70	
79.0	88.16	95.53	0.58	0.56	0.56	0.56	0.56	0.56	83.16	83.16	
83.0	88.26	95.59	0.48	0.54	0.54	0.54	0.54	0.54	82.70	82.70	
87.0	88.16	95.53	0.44	0.39	0.39	0.39	0.39	0.39	82.34	82.34	
91.0	88.46	95.50	0.10	0.21	0.16	0.21	0.16	0.21	82.00	82.00	
95.0	89.16	95.50	-0.03	-0.01	-0.02	-0.02	-0.02	-0.02	81.70	81.70	
99.0	89.16	95.50	-0.03	-0.01	-0.02	-0.02	-0.02	-0.02	81.40	81.40	
103.0	92.96	97.27	-0.03	-0.07	-0.07	-0.07	-0.07	-0.07	81.10	81.10	
105.0	94.16	98.00	-0.07	-0.03	-0.06	-0.06	-0.06	-0.06	80.80	80.80	
108.0	94.86	98.80	0.00	0.00	0.00	0.00	0.00	0.00	80.50	80.50	
110.0	95.66	99.60	0.00	0.00	0.00	0.00	0.00	0.00	80.20	80.20	
111.0	7.54	96.45									
112.0	7.34	96.65									
113.0	6.97	97.02									
114.0	6.81	97.18									
115.0	5.81	98.18									
116.0	5.60	98.39									
118.0	5.08	98.91									
120.0	4.55	99.44									
122.7	4.08	99.91									



RIFFLE 646
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 QARD 40.0
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 QARD 80.0
 QARD 100.0
 QARD 125.0
 QARD 130.5
 QARD 150.0
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 QARD 250.0
 QARD 275.0
 QARD 300.0
 QARD 350.0
 QARD 396.2
 QARD 425.0
 QARD 450.0
 QARD 475.0
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 QARD 650.0
 QARD 700.0
 QARD 750.0
 QARD 800.0
 QARD 850.0
 QARD 900.0
 QARD 950.0
 QARD1000.0
 XSEC 1000 0.00 1.0 92.84 .000074
 1000 1.099.02 5.099.28 10.099.49 14.099.50 16.098.70 18.098.48
 1000 20.098.10 22.097.68 23.097.00 25.096.55 27.096.15 29.095.84
 1000 31.095.66 33.095.04 35.094.44 40.093.94 45.093.34 50.093.04
 1000 55.093.09 60.093.04 65.093.04 70.092.94 75.092.94 80.092.84
 1000 85.092.84 90.092.84 95.092.94100.093.14105.093.34110.093.69
 1000115.094.04120.094.14125.094.19130.094.14135.093.94140.093.59
 1000145.094.54145.895.04147.595.66148.495.94149.496.82150.498.99
 1000158.499.63168.499.19178.499.12187.499.65
 NS 1000 1.1 1.1 1.1 1.1 1.1 1.1
 NS 1000 1.1 1.1 1.1 1.1 1.1 1.1
 NS 1000 1.3 3.1 1.2 1.2 4.1 4.3
 NS 1000 4.3 4.3 4.3 4.3 4.3 .02 4.3
 NS 1000 4.1 4.1 .035 4.1 4.1 4.1 4.3
 NS 1000 4.3 4.3 4.3 .018 3.1 .06 1.3 .1 1.2
 NS 1000 1.2 1.1 1.2 1.1 1.1 1.1
 NS 1000 1.1 1.1 1.1 1.1
 WSL 1000 94.44 94.54 94.62 94.77 94.90 95.04
 WSL 1000 95.07 95.17 95.32 95.38 95.48 95.57
 WSL 1000 95.65 95.74 95.90 96.03 96.11 96.17
 WSL 1000 96.23 96.29 96.40 96.51 96.61 96.70
 WSL 1000 96.80 96.88 96.97 97.05 97.12 97.19
 CAL1 1000 95.04 125.0
 VEL1 1000
 VEL1 1000 0.00 0.00 0.00 0.55 0.66 0.64 0.57 0.64 0.57 0.78 0.83
 VEL1 1000 0.82 0.91 0.50 0.56 0.62 0.91 0.60 0.38 0.42 0.91 0.02 0.10
 VEL1 1000 0.12 0.00 0.00
 CAL2 1000 96.00 396.2
 VEL2 1000
 VEL2 1000
 VEL2 1000
 VEL2 1000
 CAL3 1000 96.00 396.2
 VEL3 1000
 VEL3 1000
 VEL3 1000
 VEL3 1000
 ENDJ

RIFFLE 646
 IOC 1101100100001000101000
 QARD 40.0
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 QARD 60.0
 QARD 80.0
 QARD 100.0
 QARD 125.0
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 QARD 600.0
 QARD 650.0
 QARD 700.0
 QARD 750.0
 QARD 800.0
 QARD 850.0
 QARD 900.0
 QARD 950.0
 QARD1000.0
 XSEC 1000 0.00 1.0 92.84 .000074
 1000 1.099.35 4.099.09 8.098.61 10.098.14 12.097.56 16.097.26
 1000 20.097.29 24.097.31 28.097.34 32.097.33 34.097.12 36.096.65
 1000 37.096.14 38.495.66 40.095.04 42.094.49 44.093.84 48.093.34
 1000 52.092.74 56.092.49 60.092.64 64.092.54 68.092.54 72.092.44
 1000 76.092.34 80.092.34 84.092.34 88.092.29 92.092.34 96.092.54
 1000100.092.69104.092.14108.092.04112.092.54116.092.69120.092.84
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 1000138.596.84139.597.64140.598.27141.599.09142.599.47152.599.77
 1000162.599.53172.5100.1181.5100.1
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 NS 1000 1.1 1.1 1.1 1.1 1.1 1.1
 NS 1000 1.1 1.1 1.1 1.1 1.2 1.2
 NS 1000 .1 1.3 4.3 4.3 4.3 4.3 .032 4.3
 NS 1000 4.3 .045 4.3 .06 4.3 4.3 4.3 4.3
 NS 1000 4.3 .1 1.1 .07 1.1 1.3 4.3 1.4
 NS 1000 .1 4.3 1.2 .2 1.2 1.2 1.2 1.1
 NS 1000 1.1 1.1 1.1 1.1 1.1 1.1
 NS 1000 1.1 1.1 1.1 1.1
 WSL 1000 94.45 94.54 94.62 94.77 94.91 95.05
 WSL 1000 95.08 95.18 95.33 95.39 95.49 95.58
 WSL 1000 95.66 95.75 95.91 96.04 96.12 96.18
 WSL 1000 96.24 96.30 96.41 96.52 96.62 96.71
 WSL 1000 96.81 96.89 96.98 97.06 97.13 97.20
 CAL1 1000 95.04 125.0
 VEL1 1000
 VEL1 1000 0.00 0.00 0.00 0.00 0.16 0.53 0.66 0.56 0.61 0.96
 VEL1 1000 0.73 0.37 0.29 0.43 0.45 0.43 0.41 0.15 0.25 0.28 0.52 0.27
 VEL1 1000 0.09 0.25 0.01 0.00 0.00
 VEL1 1000
 CAL2 1000 96.00 396.2
 VEL2 1000
 VEL2 1000
 VEL2 1000
 VEL2 1000
 CAL3 1000 96.00 396.2
 VEL3 1000
 VEL3 1000
 VEL3 1000
 VEL3 1000
 VEL3 1000
 ENDJ

RIFFLE 646

IOC 1101100100001000101000

QARD 40.0
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 QARD 60.0
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 QARD 100.0
 QARD 125.0
 QARD 130.5
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 QARD 450.0
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 QARD 600.0
 QARD 650.0
 QARD 700.0
 QARD 750.0
 QARD 800.0
 QARD 850.0
 QARD 900.0
 QARD 950.0
 QARD1000.0
 XSEC 1000 0.00 1.0 92.84 .000074
 1000 1.098.32 3.097.88 5.097.10 8.096.68 12.096.47 16.096.55
 1000 20.096.61 24.096.66 28.096.73 32.096.69 36.096.43 37.096.25
 1000 39.095.96 40.595.66 43.095.04 44.594.34 46.093.59 50.092.44
 1000 54.091.54 58.091.79 62.091.79 66.091.79 70.091.84 74.091.84
 1000 78.091.74 82.091.74 86.091.74 90.091.54 94.091.54 98.091.44
 1000102.091.44106.091.49110.091.44114.091.34118.092.79122.094.29
 1000124.195.04126.295.66127.295.34128.295.41129.295.59130.297.42
 1000131.299.88135.2100.7145.2100.4155.2100.3165.2100.5174.2100.6
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 NS 1000 1.1 1.1 1.1 1.1 1.1 1.1
 NS 1000 1.1 1.1 1.1 1.2 .15 1.2 .13 1.2
 NS 1000 .09 1.4 4.2 4.2 4.2 4.2 4.2
 NS 1000 4.2 4.2 4.2 4.2 4.2 4.2
 NS 1000 4.1 1.1 4.1 .24 1.1 .25 1.1 2.1
 NS 1000 1.2 1.2 1.1 1.1 1.1 1.1
 NS 1000 1.1 1.1 1.1 1.1 1.1 1.1
 WSL 1000 94.45 94.55 94.63 94.78 94.91 95.05
 WSL 1000 95.08 95.18 95.33 95.39 95.49 95.58
 WSL 1000 95.66 95.76 95.92 96.05 96.13 96.19
 WSL 1000 96.25 96.31 96.42 96.53 96.63 96.72
 WSL 1000 96.82 96.90 96.99 97.07 97.14 97.21
 CAL1 1000 95.05 125.0
 VEL1 1000
 VEL1 1000 0.00 0.00 0.00 0.00 0.19 0.51 0.57 0.57 0.55 0.59
 VEL1 1000 0.63 0.59 0.51 0.53 0.60 0.60 0.52 0.25 0.23 0.11 0.05 0.08
 VEL1 1000 0.00 0.00
 CAL2 1000 96.00 396.2
 VEL2 1000
 VEL2 1000
 VEL2 1000
 CAL3 1000 96.00 396.2
 VEL3 1000
 VEL3 1000
 VEL3 1000
 VEL3 1000
 ENDJ

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RIFFLE          646
IOC            1101100100001000101000
QARD  40.0
QARD  50.0
QARD  60.0
QARD  80.0
QARD 100.0
QARD 125.0
QARD 130.5
QARD 150.0
QARD 184.3
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QARD 225.0
QARD 250.0
QARD 275.0
QARD 300.0
QARD 350.0
QARD 396.2
QARD 425.0
QARD 450.0
QARD 475.0
QARD 500.0
QARD 550.0
QARD 600.0
QARD 650.0
QARD 700.0
QARD 750.0
QARD 800.0
QARD 850.0
QARD 900.0
QARD 950.0
QARD1000.0
XSEC  1000      0.00 1.0      92.84  .000074
      1000-15.099.22-10.098.79 -5.097.82  1.096.61  5.096.44  10.096.16
      1000 15.096.25 20.096.40 25.096.89 30.098.04 32.097.29 37.096.78
      1000 39.096.61 41.096.21 43.096.12 44.095.66 45.195.04 47.094.04
      1000 50.092.34 54.092.04 58.091.54 62.091.44 66.091.44 70.091.34
      1000 74.091.24 78.091.14 82.091.04 86.091.14 90.091.44 94.091.54
      1000 98.091.54102.091.44106.091.34110.091.44114.091.54118.093.89
      1000121.495.04121.795.66123.696.10124.696.77126.697.70128.699.25
      1000129.6100.8139.6100.8149.6100.5159.6100.9168.6100.8
NS     1000      1.1      1.1      1.1      1.1      1.1      1.1
NS     1000      1.1      1.1      1.1      1.1      1.1      1.1
NS     1000      1.1      1.1      1.1      2.1 .15  2.1 .15  2.1
NS     1000 .15  2.1      4.2      3.2      3.2      4.3      4.3
NS     1000      3.2      3.2      3.2      3.2      3.2      3.2
NS     1000      3.2      2.1      2.1 .12  2.3 .12  2.3      2.1
NS     1000      2.1      2.1      1.1      1.1      1.1      1.1
NS     1000      1.1      1.1      1.1      1.1      1.1
WSL    1000      94.45  94.55  94.63  94.78  94.91  95.05
WSL    1000      95.08  95.18  95.33  95.39  95.49  95.59
WSL    1000      95.67  95.76  95.92  96.05  96.13  96.19
WSL    1000      96.25  96.31  96.42  96.53  96.63  96.72
WSL    1000      96.82  96.90  97.00  97.08  97.15  97.22
CAL1   1000      95.05  125.0
VEL1   1000
VEL1   1000      0.00-0.04 0.09 0.41 0.59 0.66 0.83 0.82
VEL1   1000 0.82 0.79 0.77 0.80 0.73 0.65 0.63 0.38 0.37 0.07 0.06 0.19
VEL1   1000 0.00 0.00
CAL2   1000      96.01  396.2
VEL2   1000
VEL2   1000
VEL2   1000
CAL3   1000      96.01  396.2
VEL3   1000
VEL3   1000
VEL3   1000
ENDJ

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RIFFLE          646
IOC            1101100100001000101000
QARD  40.0
QARD  50.0
QARD  60.0
QARD  80.0
QARD 100.0
QARD 125.0
QARD 130.5
QARD 150.0
QARD 184.3
QARD 200.0
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QARD 275.0
QARD 300.0
QARD 350.0
QARD 396.2
QARD 425.0
QARD 450.0
QARD 475.0
QARD 500.0
QARD 550.0
QARD 600.0
QARD 650.0
QARD 700.0
QARD 750.0
QARD 800.0
QARD 850.0
QARD 900.0
QARD 950.0
QARD1000.0
XSEC 1000      0.00 1.0      92.84 .000074
      1000  1.096.52  6.096.70 12.096.96 18.097.11 22.098.98 26.097.25
      1000 31.098.97 37.097.70 40.096.97 40.895.66 42.795.04 43.094.84
      1000 47.092.44 51.091.64 55.090.84 59.090.44 63.090.64 67.090.64
      1000 71.090.64 75.090.64 79.090.84 83.091.44 87.091.84 91.092.14
      1000 95.092.24 99.092.14103.092.04107.091.64111.091.64115.092.04
      1000116.093.64119.595.04120.795.66121.095.83122.096.25124.097.02
      1000125.097.71127.098.43129.099.21132.099.99135.0100.5140.0100.8
      1000145.0100.4150.0100.3155.0100.4162.0100.4
NS    1000      1.1      1.1      1.1      1.1      1.1      1.1
NS    1000      1.1      1.1      1.1      1.1      2.1 .5  2.1
NS    1000 .20      2.1 .15  4.2      4.2      4.2      4.2
NS    1000      2.3      2.3      3.4      3.4      3.4      3.4
NS    1000      3.4      3.4      3.4 .12  2.3 .15  2.1 .18  2.1
NS    1000 .3      2.2      2.1      2.1      1.1      1.1      1.1
NS    1000      1.1      1.1      1.1      1.1      1.1      1.1
NS    1000      1.1      1.1      1.1      1.1
WSL   1000      94.45  94.55  94.63  94.78  94.91  95.05
WSL   1000      95.08  95.18  95.33  95.40  95.50  95.59
WSL   1000      95.67  95.76  95.92  96.05  96.13  96.20
WSL   1000      96.26  96.32  96.43  96.54  96.64  96.73
WSL   1000      96.83  96.91  97.00  97.08  97.15  97.22
CAL1  1000      95.05  125.0
VEL1  1000
VEL1  1000      0.08  0.06  0.46  0.58  0.70  0.78  0.78  0.80  0.80  0.71  0.65  0.67
VEL1  1000      0.68  0.49  0.33  0.16  0.11  0.13  0.27  0.00  0.00
VEL1  1000
CAL2  1000      96.03  396.2
VEL2  1000
VEL2  1000
VEL2  1000
CAL3  1000      96.03  396.2
VEL3  1000
VEL3  1000
VEL3  1000
VEL3  1000
ENDJ

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RIFFLE 646
 IOC 1101100100001000101000
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 QARD 750.0
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 QARD 850.0
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 QARD 950.0
 QARD1000.0
 XSEC 1000 0.00 1.0 92.84 .000074
 1000 1.098.01 3.098.27 6.098.77 9.099.17 12.099.31 15.099.36
 1000 18.099.54 21.099.64 24.099.52 27.098.73 28.098.04 29.097.77
 1000 30.096.69 31.095.65 31.595.66 31.995.04 34.093.64 38.092.84
 1000 42.092.44 46.091.84 50.091.24 54.091.14 58.091.34 62.091.34
 1000 66.091.34 70.091.54 74.091.89 78.092.14 82.091.34 86.092.44
 1000 90.092.34 94.092.54 98.092.64102.092.64106.092.24110.091.94
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 1000122.097.42124.098.14126.099.05128.0100.0130.0101.2135.0101.0
 1000140.0100.6145.0100.7150.0100.8153.5101.1
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 NS 1000 1.1 1.1 1.1 1.1 1.1 1.1
 NS 1000 1.1 1.1 2.1 2.1 2.1 .15 2.1
 NS 1000 .15 2.1 .1 2.3 2.3 2.3 2.3 2.3
 NS 1000 2.3 4.2 4.2 4.2 4.2 4.2 4.2
 NS 1000 4.2 4.2 4.2 4.2 .075 2.4 .1 2.1
 NS 1000 2.0 2.1 2.1 2.1 1.1 1.1
 NS 1000 1.1 1.1 1.1 1.1 1.1 1.1
 NS 1000 1.1 1.1 1.1 1.1 1.1 1.1
 WSL 1000 94.45 94.55 94.63 94.78 94.91 95.05
 WSL 1000 95.08 95.18 95.34 95.40 95.50 95.59
 WSL 1000 95.67 95.76 95.92 96.06 96.14 96.20
 WSL 1000 96.26 96.32 96.43 96.54 96.64 96.74
 WSL 1000 96.84 96.92 97.01 97.09 97.16 97.23
 CAL1 1000 95.05 125.0
 VEL1 1000
 VEL1 1000 0.00 0.04 0.00 0.11 0.23 0.54 0.65 0.75 0.72
 VEL1 1000 0.84 0.83 0.77 0.75 0.84 0.81 0.75 0.69 0.66 0.57 0.27 0.12
 VEL1 1000 0.27 0.00 0.00 0.00
 VEL1 1000
 CAL2 1000 96.02 396.2
 VEL2 1000
 VEL2 1000
 VEL2 1000
 VEL2 1000
 VEL2 1000
 CAL3 1000 96.02 396.2
 VEL3 1000
 VEL3 1000
 VEL3 1000
 VEL3 1000
 VEL3 1000
 ENDJ

RIFFLE 646

IOC 1101100100001000101000

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 QARD 750.0
 QARD 800.0
 QARD 850.0
 QARD 900.0
 QARD 950.0
 QARD1000.0
 XSEC 1000 0.00 1.0 92.84 .000074
 1000 1.099.17 3.099.34 6.099.42 9.099.36 12.099.35 15.099.24
 1000 18.098.99 21.098.48 24.098.13 26.097.94 27.097.61 28.094.24
 1000 30.093.64 34.093.04 38.091.84 42.091.84 46.091.79 50.092.04
 1000 54.091.84 58.091.94 62.091.94 66.092.24 70.092.34 74.092.34
 1000 78.092.24 82.092.14 86.092.04 90.091.94 94.091.64 98.091.54
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 NS 1000 .3 2.1 .15 2.1 .12 2.1 .07 2.1 .05 2.3 2.3
 NS 1000 2.3 2.3 2.3 2.3 2.4 2.4
 NS 1000 2.4 2.4 2.4 2.4 2.4 2.4
 NS 1000 2.4 .1 2.4 2.1 2.1 2.1 1.1
 NS 1000 1.1 1.1 1.1 1.1 1.1 1.1
 NS 1000 1.1 1.1 1.1 1.1 1.1 1.1
 WSL 1000 94.45 94.55 94.63 94.78 94.91 95.05
 WSL 1000 95.08 95.18 95.34 95.40 95.50 95.59
 WSL 1000 95.67 95.76 95.93 96.06 96.14 96.20
 WSL 1000 96.26 96.32 96.44 96.55 96.65 96.74
 WSL 1000 96.84 96.92 97.02 97.10 97.17 97.24
 CAL1 1000 95.05 125.0
 VEL1 1000 0.16
 VEL1 1000 0.12 0.00 0.09 0.29 0.32 0.68 0.76 0.75 0.79 0.78 0.75 0.83
 VEL1 1000 0.83 0.90 0.89 0.79 0.74 0.58 0.50 0.16 0.17 0.00 0.00
 VEL1 1000
 CAL2 1000 96.01 396.2
 VEL2 1000
 VEL2 1000
 VEL2 1000
 VEL2 1000
 CAL3 1000 96.01 396.2
 VEL3 1000
 VEL3 1000
 VEL3 1000
 VEL3 1000
 ENDJ

RIFFLE 646
 IOC 1101100100001000101000
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 QARD 650.0
 QARD 700.0
 QARD 750.0
 QARD 800.0
 QARD 850.0
 QARD 900.0
 QARD 950.0
 QARD1000.0
 XSEC 1000 0.00 1.0 92.84 .000074
 1000 1.099.28 3.099.18 6.099.04 9.098.76 12.098.49 15.098.54
 1000 18.098.56 20.098.13 21.096.48 21.595.66 22.595.04 25.093.94
 1000 29.093.64 33.093.44 37.092.44 41.092.24 44.091.29 48.092.04
 1000 52.092.34 56.092.34 60.092.44 64.092.54 68.092.34 72.092.14
 1000 76.091.74 80.091.64 84.091.54 88.091.14 92.090.94 96.090.84
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 1000122.097.20123.097.69124.098.52125.098.98127.099.25129.099.64
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 NS 1000 1.1 1.1 1.1 2.1 2.1 2.1
 NS 1000 2.1 2.1 2.1 2.1 2.1 2.3
 NS 1000 .050 2.1 2.3 2.3 2.3 2.4 2.4
 NS 1000 2.4 2.4 2.4 4.2 4.2 2.3
 NS 1000 2.3 .1 2.1 .12 2.1 1.2 1.2
 NS 1000 1.1 1.1 1.1 1.1 1.1 1.1
 NS 1000 1.1 1.1 1.1 1.1 1.1 1.1
 NS 1000 1.1 1.1 1.1 1.1 1.1 1.1
 WSL 1000 94.45 94.55 94.63 94.78 94.91 95.05
 WSL 1000 95.08 95.19 95.34 95.40 95.50 95.59
 WSL 1000 95.68 95.77 95.93 96.06 96.15 96.21
 WSL 1000 96.27 96.33 96.44 96.56 96.66 96.75
 WSL 1000 96.85 96.94 97.03 97.11 97.18 97.26
 CAL1 1000 95.06 125.0
 VEL1 1000 0.00-0.01
 VEL1 1000 0.00-0.03 0.19 0.22 0.56 0.50 0.37 0.71 0.73 0.72 0.77 0.79
 VEL1 1000 0.77 0.86 0.85 0.82 0.73 0.55 0.38 0.21 0.08 0.00 0.00-0.15
 VEL1 1000 0.00
 VEL1 1000
 CAL2 1000 96.03 396.2
 VEL2 1000
 VEL2 1000
 VEL2 1000
 VEL2 1000
 VEL2 1000
 CAL3 1000 96.03 396.2
 VEL3 1000
 VEL3 1000
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 ENDJ

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RIFFLE          646
IOC            1101100100001000101000
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QARD 650.0
QARD 700.0
QARD 750.0
QARD 800.0
QARD 850.0
QARD 900.0
QARD 950.0
QARD1000.0
XSEC 1000      0.00 1.0      92.84 .000074
      1000  1.097.88  3.097.69  6.097.37  9.097.31 12.097.54 15.097.49
      1000 18.097.25 19.097.09 20.096.67 21.096.09 22.195.66 23.995.04
      1000 25.094.74 30.094.04 34.093.74 38.092.49 42.092.34 46.092.34
      1000 50.092.34 54.092.34 58.092.14 62.092.04 66.091.94 70.091.54
      1000 74.091.14 78.090.94 82.091.04 86.090.74 90.090.54 94.090.74
      1000 98.090.94102.091.24106.093.44109.094.44110.295.04111.295.66
      1000112.095.88113.097.41114.097.59116.098.91118.099.23121.099.15
      1000124.099.03127.099.20129.899.86
NS    1000      1.1      1.1      1.1      1.1      1.1      1.1
NS    1000      1.1      1.1      1.1      1.1      1.2      1.2
NS    1000  .2     1.2 .15     2.1 .12  2.1 .1  2.1     2.3     2.3
NS    1000      2.3      2.3      2.3      2.3      2.3      2.3
NS    1000      2.3      4.2      4.2      4.2      4.2      2.4
NS    1000      2.3 .12  2.1 .12  2.1 .15  2.1     2.1     2.1
NS    1000      1.1      1.1      1.1      1.1      1.1      1.1
NS    1000      1.1      1.1      1.1
WSL   1000     94.45     94.55     94.63     94.78     94.91     95.05
WSL   1000     95.09     95.19     95.34     95.40     95.50     95.60
WSL   1000     95.68     95.77     95.93     96.07     96.15     96.21
WSL   1000     96.27     96.33     96.45     96.56     96.66     96.76
WSL   1000     96.86     96.94     97.03     97.12     97.19     97.26
CAL1  1000     95.06     125.0
VEL1  1000
VEL1  1000-0.03-0.03 0.02 0.07 0.40 0.54 0.59 0.67 0.66 0.69 0.73 0.75
VEL1  1000 0.76 0.72 0.82 0.79 0.57 0.57 0.41 0.15 0.04 0.01 0.00 0.00
VEL1  1000
CAL2  1000     96.04     396.2
VEL2  1000
VEL2  1000
VEL2  1000
CAL3  1000     96.04     396.2
VEL3  1000
VEL3  1000
VEL3  1000
VEL3  1000
ENDJ

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RIFFLE 646
IOC 1101100100001000101000
QARD 40.0
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QARD 60.0
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QARD 125.0
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QARD 275.0
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QARD 650.0
QARD 700.0
QARD 750.0
QARD 800.0
QARD 850.0
QARD 900.0
QARD 950.0
QARD1000.0
XSEC 1000 0.00 1.0 92.84 .000074
1000 1.097.34 3.097.52 6.097.84 9.098.19 12.098.44 15.098.45
1000 18.098.53 21.097.77 23.097.27 24.096.70 25.096.17 25.395.67
1000 25.895.04 27.094.69 31.094.24 35.093.04 39.092.04 43.092.04
1000 47.092.04 51.092.04 55.091.69 59.090.89 63.090.14 67.089.54
1000 71.088.74 75.088.44 79.088.44 83.088.44 87.088.24 91.088.64
1000 95.088.94 99.090.54103.092.94105.094.34108.095.04108.295.04
1000110.495.66111.096.45112.096.65113.097.02114.097.36115.098.18
1000116.098.39118.098.91120.099.44122.799.91
NS 1000 1.1 1.1 1.1 1.1 1.1 1.1
NS 1000 1.1 1.1 1.1 1.1 1.1 2.1
NS 1000 2.1 2.2 2.1 2.1 2.1 2.1
NS 1000 2.2 2.2 2.2 2.4 2.4 4.2
NS 1000 4.2 4.2 5.2 5.2 5.2 .15 5.2
NS 1000 .25 2.2 .25 2.1 .25 2.1 2.1 2.1 2.1
NS 1000 2.1 1.1 1.1 1.1 1.1 1.1
NS 1000 1.1 1.1 1.1 1.1
WSL 1000 94.46 94.55 94.63 94.78 94.91 95.06
WSL 1000 95.09 95.19 95.34 95.41 95.51 95.60
WSL 1000 95.69 95.78 95.94 96.08 96.16 96.22
WSL 1000 96.29 96.35 96.46 96.58 96.68 96.78
WSL 1000 96.88 96.96 97.06 97.14 97.21 97.29
CAL1 1000 95.07 125.0
VEL1 1000
VEL1 1000 0.00 0.00 0.01 0.02-0.05 0.24 0.44 0.53 0.59 0.54 0.63 0.70
VEL1 1000 0.66 0.61 0.64 0.54 0.32 0.15-0.04-0.04-0.04 0.08 0.00 0.00
VEL1 1000 0.00
CAL2 1000 96.03 396.2
VEL2 1000
VEL2 1000
VEL2 1000
VEL2 1000
CAL3 1000 96.03 396.2
VEL3 1000
VEL3 1000
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VEL3 1000
ENDJ

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RIFFLE 646

IOC 1101100100001000101000

QARD 40.0
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 QARD 900.0
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XSEC 1000 0.00 1.0 92.84 .000074
 1000 1.097.34 3.097.52 6.097.84 9.098.19 12.098.44 15.098.45
 1000 18.098.53 21.097.77 23.097.27 24.096.03 27.094.43 34.093.13
 1000 41.092.03 48.092.23 55.091.93 62.090.73 65.090.03 69.089.33
 1000 71.089.13 76.089.03 80.089.33 83.089.03 87.089.38 90.089.93
 1000 95.091.73100.091.63105.094.03107.094.63109.096.03110.495.66
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NS 1000 1.1 1.1 1.1 1.1 1.1 1.1
 NS 1000 1.1 1.1 1.1 2.1 .2 2.2 2.1
 NS 1000 2.1 2.2 2.2 2.4 4.2 4.2
 NS 1000 4.2 4.2 5.2 5.2 5.2 5.2
 NS 1000 2.2 2.1 2.1 2.1 2.1 2.1
 NS 1000 1.1 1.1 1.1 1.1 1.1 1.1
 NS 1000 1.1 1.1 1.1

WSL 1000 94.46 94.55 94.63 94.78 94.91 95.06
 WSL 1000 95.09 95.19 95.34 95.41 95.51 95.60
 WSL 1000 95.69 95.78 95.94 96.08 96.16 96.22
 WSL 1000 96.29 96.35 96.46 96.58 96.68 96.78
 WSL 1000 96.88 96.96 97.06 97.14 97.21 97.29

CAL1 1000 96.03 396.2
 VEL1 1000 0.00 0.32 0.61
 VEL1 1000 0.85 1.05 1.16 1.26 1.27 1.31 1.29 1.43 1.51 1.37 1.15 0.99
 VEL1 1000 0.58 0.17-0.16-0.22 0.00 0.00

VEL1 1000
 CAL2 1000 95.07 125.0
 VEL2 1000
 VEL2 1000
 VEL2 1000

CAL3 1000 95.07 125.0
 VEL3 1000
 VEL3 1000
 VEL3 1000
 VEL3 1000
 ENDJ