

Station Name: ADM Hesselmulertbrug

Date: 04/24/2020

Party: IGL	Width: 46.6 m	Processed by: B. Verschaeren
Boat/Motor: Tinn-Silver	Area: 83.6 m ²	Mean Velocity: 0.068 m/s
Gage Height: 0.000 m	G.H.Change: 0.000 m	Discharge: 5.72 m ³ /s

Area Method: Proj. Angle	ADCP Depth: 0.300 m	Index Vel.: 0.00 m/s	Rating No.: 1
Nav. Method: Bottom Track	Shore Ens.:10	Adj.Mean Vel: 0.00 m/s	Qm Rating: U
MagVar Method: None (0.0°)	Bottom Est: Power (0.1667)	Rated Area: 0.000 m ²	Diff.: 0.000%
Depth: Composite (BT)	Top Est: Power (0.1667)	Control1: Unspecified	
Discharge Method: None		Control2: Unspecified	
% Correction: 0.00		Control3: Unspecified	

Screening Thresholds:		ADCP:	
BT 3-Beam Solution: YES	Max. Vel.: 1.04 m/s	Type/Freq.: Rio Grande / 1200 kHz	
WT 3-Beam Solution: YES	Max. Depth: 2.26 m	Serial #: 38060	Firmware: 10.17
BT Error Vel.: 0.10 m/s	Mean Depth: 1.79 m	Bin Size: 25 cm	Blank: 25 cm
WT Error Vel.: 1.07 m/s	% Meas.: 32.73	BT Mode: 5	BT Pings: 1
BT Up Vel.: 0.30 m/s	Water Temp.: None	WT Mode: 1	WT Pings: 1
WT Up Vel.: 1.00 m/s	ADCP Temp.: 14.9 °C	WV : 175	
Use Weighted Mean Depth: YES			

Performed Diag. Test: YES

Performed Moving Bed Test: NO

Performed Compass Calibration: NO Evaluation: NO

Meas. Location: ADM Hesselmulertbrug

Project Name: 20200424ov_tin.mmt

Software: 2.21

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
010	L	3.00	5.00	134	3.11	2.33	1.34	-0.053	0.130	6.86	47.1	84.6	08:50	08:52	0.49	0.08	1	0
011	R	3.00	5.00	103	2.76	2.02	1.32	0.091	0.128	6.31	45.9	83.0	08:52	08:53	0.56	0.08	1	0
012	L	3.00	5.00	145	2.45	1.94	1.09	0.093	0.093	5.66	47.6	86.8	08:53	08:55	0.43	0.07	1	0
013	R	5.00	5.00	108	2.33	1.76	1.15	0.157	0.103	5.50	46.3	83.4	08:55	08:56	0.62	0.07	2	0
014	L	5.00	4.00	118	2.11	1.77	0.899	0.422	-0.018	5.18	47.2	83.8	08:56	08:58	0.56	0.06	3	0
015	R	5.00	4.00	119	2.04	1.42	0.980	0.136	0.222	4.80	45.7	79.9	08:58	09:00	0.58	0.06	3	0
Mean		4.00	4.67	121	2.47	1.87	1.13	0.141	0.110	5.72	46.6	83.6	Total	00:10	0.54	0.07	2	0
SDev		1.10	0.52	16	0.405	0.306	0.178	0.156	0.077	0.754	0.8	2.2			0.07	0.01		
SD/M		27.4%	11.1%	13.1%	16.4%	16.4%	15.8%	110.6%	70.6%	13.2%	1.7%	2.7%			12.6%	12.2%		

Remarks:

- transect has been subsectioned

Discharge for transects in *italics* have a total Q more than 5% from the mean