

Station Number:

Meas. No: 0

Station Name: ADM Hesselmulertbrug

Date: 04/19/2023

Party: IGL	Width: 49.6 m	Processed by: R.vd.Goor
Boat/Motor: Tinsilver	Area: 88.7 m ²	Mean Velocity: 0.273 m/s
Gage Height: 0.000 m	G.H.Change: 0.000 m	Discharge: 24.2 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 (0.00°)	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.: 1.09 m/s	Type/Freq.: Rio Grande / 1200 kHz
WT 3-Beam Solution: YES	Max. Depth: 2.42 m	Serial #: 38060 Firmware: 10.17
BT Error Vel.: 1.00 m/s	Mean Depth: 1.79 m	Bin Size: 25 cm Blank: 25 cm
WT Error Vel.: 1.00 m/s	% Meas.: 36.24	BT Mode: 5 BT Pings: 1
BT Up Vel.: 2.50 m/s	Water Temp.: None	WT Mode: 1 WT Pings: 1
WT Up Vel.: 2.50 m/s	ADCP Temp.: 12.5 °C	WV : 254
Use Weighted Mean Depth: YES		

Performed Diag. Test: NO Project Name: 20230419OV_TIN.mmt

Performed Moving Bed Test: NO Software: 2.24.00.08

Performed Compass Calibration: NO Evaluation: NO

Meas. Location:

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	R	7.00	6.00	110	8.76	8.38	3.80	1.68	0.928	23.6	49.9	88.8	13:40	13:42	0.64	0.27	1	0
009	L	7.00	6.00	117	8.20	8.21	3.42	1.45	0.854	22.1	48.5	86.7	13:42	13:43	0.56	0.26	1	0
010	R	7.00	6.00	108	9.19	8.54	3.93	1.44	1.08	24.2	49.4	87.7	13:43	13:44	0.64	0.28	0	1
011	L	7.00	6.00	98	9.09	8.75	3.92	1.46	0.713	23.9	49.7	88.6	13:44	13:45	0.61	0.27	0	1
012	R	6.00	6.00	106	9.16	8.75	3.78	1.42	0.955	24.1	49.7	89.3	13:46	13:47	0.65	0.27	1	1
013	L	6.00	7.00	100	9.32	8.83	4.20	1.40	1.09	24.8	49.2	87.8	13:47	13:48	0.62	0.28	1	0
014	R	6.00	7.00	107	9.37	9.04	4.01	1.40	1.14	25.0	50.0	88.8	13:48	13:49	0.65	0.28	0	0
015	L	6.00	6.00	94	9.87	9.63	4.23	1.38	0.767	25.9	50.7	92.0	13:49	13:50	0.69	0.28	1	0
Mean		6.50	6.25	105	9.12	8.77	3.91	1.45	0.941	24.2	49.6	88.7	Total	00:10	0.63	0.27	1	1
SDev		0.53	0.46	7	0.485	0.438	0.258	0.095	0.157	1.11	0.7	1.6			0.04	0.01		
SD/M		8.2%	7.4%	7.0%	5.3%	5.0%	6.6%	6.5%	16.7%	4.6%	1.3%	1.8%			5.7%	3.5%		

Remarks:

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