

Station Number:

Meas. No: 0

Station Name: ADM Hesselmulertbrug

Date: 04/19/2023

Party: IGL	Width: 47.7 m	Processed by: R.vd.Goor
Boat/Motor: Tinsilver	Area: 85.6 m ²	Mean Velocity: 0.260 m/s
Gage Height: 0.000 m	G.H.Change: 0.000 m	Discharge: 22.3 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.: 0.851 m/s	Type/Freq.: Rio Grande / 1200 kHz
WT 3-Beam Solution: YES	Max. Depth: 2.34 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.: 36.40	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.: 2.50 m/s	ADCP Temp.: 12.7 °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
061	L	7.00	7.00	114	7.71	7.34	3.41	1.29	1.32	21.1	47.0	81.2	15:00	15:01	0.55	0.26	1	0
063	L	5.00	6.00	140	8.20	8.16	3.45	1.13	1.14	22.1	47.0	85.6	15:03	15:05	0.45	0.26	0	1
064	R	5.00	5.00	112	8.76	8.24	3.81	0.792	0.465	22.1	47.7	86.1	15:05	15:06	0.59	0.26	4	1
065	L	6.00	6.00	133	8.06	7.66	3.51	1.52	1.12	21.9	47.2	84.3	15:06	15:07	0.45	0.26	0	1
066	R	5.00	6.00	116	8.47	7.88	3.76	1.09	0.609	21.8	48.1	86.8	15:08	15:09	0.57	0.25	1	1
067	L	5.00	5.00	117	9.33	9.14	3.94	0.631	0.514	23.5	48.7	89.4	15:09	15:10	0.54	0.26	0	1
068	R	6.00	6.00	107	8.85	8.30	3.92	1.32	1.01	23.4	48.3	86.1	15:11	15:12	0.59	0.27	0	0
Mean		5.57	5.86	119	8.48	8.10	3.68	1.11	0.882	22.3	47.7	85.6	Total	00:11	0.53	0.26	1	1
SDev		0.79	0.69	12	0.546	0.570	0.224	0.309	0.345	0.900	0.7	2.5			0.06	0.01		
SD/M		14.1%	11.8%	10.1%	6.4%	7.0%	6.1%	27.9%	39.1%	4.0%	1.4%	2.9%			11.6%	2.5%		

Remarks:

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