

Station Name: ADM Hesselmulertbrug

Date: 06/19/2023

Party: IGL	Width: 51.0 m	Processed by: R.vd.Goor
Boat/Motor: Tinnsilver	Area: 88.0 m ²	Mean Velocity: 0.033 m/s
Gage Height: 0.000 m	G.H.Change: 0.000 m	Discharge: 2.89 m ³ /s

Area Method: Proj. Angle	ADCP Depth: 0.200 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.: 0.503 m/s	Type/Freq.: Rio Grande / 1200 kHz
WT 3-Beam Solution: YES	Max. Depth: 2.30 m	Serial #: 38024 Firmware: 10.17
BT Error Vel.: 1.00 m/s	Mean Depth: 1.73 m	Bin Size: 10 cm Blank: 25 cm
WT Error Vel.: 1.00 m/s	% Meas.: 60.13	BT Mode: 5 BT Pings: 1
BT Up Vel.: 2.50 m/s	Water Temp.: None	WT Mode: 11 WT Pings: 1
WT Up Vel.: 2.50 m/s	ADCP Temp.: 23.0 °C	WZ : 5
Use Weighted Mean Depth: YES		

Performed Diag. Test: NO Project Name: 20230619OV_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
022	R	5.00	5.00	120	0.874	1.80	0.263	0.062	0.043	3.04	51.4	88.0	14:20	14:21	0.41	0.04	0	8
023	L	5.00	5.00	113	0.769	1.64	0.235	0.029	-0.009	2.66	50.8	88.4	14:22	14:24	0.44	0.03	0	6
024	R	5.00	5.00	135	0.730	1.50	0.236	0.027	0.035	2.53	50.4	86.6	14:24	14:26	0.39	0.03	5	6
027	L	5.00	5.00	95	0.949	2.00	0.310	0.037	0.016	3.32	51.2	89.0	14:29	14:31	0.57	0.04	1	5
Mean		5.00	5.00	115	0.831	1.74	0.261	0.039	0.021	2.89	51.0	88.0	Total	00:11	0.46	0.03	2	6
SDev		0.00	0.00	17	0.100	0.216	0.035	0.016	0.023	0.358	0.5	1.0			0.08	0.00		
SD/M		0.0%	0.0%	14.5%	12.0%	12.4%	13.5%	41.5%	108.8%	12.4%	0.9%	1.2%			17.3%	11.8%		

Remarks:

- transect has been subsectioned

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