

Station Number:

Meas. No: 0

Station Name: ADM Hesselmulertbrug

Date: 04/19/2023

Party: IGL	Width: 50.2 m	Processed by: R.vd.Goor
Boat/Motor: Tinsilver	Area: 90.6 m ²	Mean Velocity: 0.266 m/s
Gage Height: 0.000 m	G.H.Change: 0.000 m	Discharge: 24.1 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.: 0.993 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.: 1.00 m/s	Mean Depth: 1.81 m	Bin Size: 25 cm Blank: 25 cm
WT Error Vel.: 1.00 m/s	% Meas.: 36.71	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.: 12.6 °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
023	L	6.00	6.00	126	9.79	9.33	4.31	1.45	0.598	25.5	50.2	90.0	13:59	14:01	0.51	0.28	2	1
024	R	4.00	7.00	144	8.83	8.22	4.00	0.549	1.18	22.8	50.4	91.8	14:01	14:02	0.49	0.25	0	1
025	L	4.00	5.00	151	9.11	9.17	3.85	0.737	0.551	23.4	50.3	93.7	14:02	14:04	0.48	0.25	0	1
026	R	6.00	5.00	104	8.76	8.08	4.09	1.32	0.366	22.6	50.2	90.5	14:04	14:05	0.61	0.25	2	1
027	L	6.00	7.00	151	9.53	9.17	4.20	1.18	1.19	25.3	49.7	88.5	14:05	14:07	0.42	0.29	1	0
028	R	6.00	7.00	140	9.22	8.87	4.10	1.18	1.12	24.5	49.9	89.4	14:07	14:09	0.47	0.27	0	1
029	L	6.00	6.00	159	9.62	9.04	4.26	0.493	1.10	24.5	50.3	90.1	14:09	14:10	0.43	0.27	0	0
Mean		5.43	6.14	139	9.27	8.84	4.12	0.987	0.873	24.1	50.2	90.6	Total	00:11	0.49	0.27	1	1
SDev		0.98	0.90	19	0.395	0.492	0.157	0.387	0.353	1.15	0.2	1.7			0.06	0.02		
SD/M		18.0%	14.6%	13.5%	4.3%	5.6%	3.8%	39.2%	40.4%	4.8%	0.5%	1.9%			13.2%	6.2%		

Remarks:

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