

Station Number:

Meas. No:

Station Name: Mississippi below breach Fri

Date: 05/06/2011

Party: RA/CR

Width: 7,170 ft

Processed by: RA

Boat/Motor: workskiff

Area: 290,000 ft²

Mean Velocity: 5.46 ft/s

Gage Height: 0.00 ft

G.H.Change: 0.000 ft

Discharge: 1,580,000 ft³/s

Area Method: Avg. Course

ADCP Depth: 1.250 ft

Index Vel.: 0.00 ft/s

Rating No.: 1

Nav. Method: DGPS

Shore Ens.: 10

Adj. Mean Vel: 0.00 ft/s

Qm Rating: U

MagVar Method: Model (-1.2°)

Bottom Est: Power (0.1667)

Rated Area: 0.000 ft²

Diff.: 0.000%

Depth Sounder: Not Used

Top Est: Power (0.1667)

Control1: Unspecified

Control2: Unspecified

Control3: Unspecified

Screening Thresholds:

BT 3-Beam Solution: YES

Max. Vel.: 14.1 ft/s

Type/Freq.: Rio Grande/600 kHz

WT 3-Beam Solution: NO

Max. Depth: 91.4 ft

Serial #: 11170

Firmware: 10.16

BT Error Vel.: 0.33 ft/s*

Mean Depth: 40.4 ft

Bin Size: 50 cm

Blank: 25 cm

WT Error Vel.: 3.50 ft/s

% Meas.: 84.54

BT Mode: 5

BT Pings: 1

BT Up Vel.: 1.00 ft/s

Water Temp.: None

WT Mode: 1

WT Pings: 1

WT Up Vel.: 12.00 ft/s

ADCP Temp.: 15.8 °C

WV : 284

Use Weighted Mean Depth: YES

Performed Diag. Test: YES

Project Name: Mississippi below breach Fri

Performed Moving Bed Test: NO

Software: 2.04

Performed Compass Test: YES

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
000	R	690	69	1862	71620	1296436	154503	15818	-1266	1537111	7235	294662	13:09	13:25	7.96	5.22	1	1
001	L	690	110	1644	81644	1381075	148236	20606	-1417	1630145	7108	285472	13:26	13:40	8.74	5.71	6	1
Mean		690	89	1753	76632	1338756	151369	18212	-1341	1583628	7171	290067	Total	00:31	8.35	5.46	4	1
SDev		0	29	154	7088	59849	4432	3386	107	65784	90.0	6498.1			0.55	0.35		
SD/M		0.00	0.32	0.09	0.09	0.04	0.03	0.19	0.08	0.04	0.01	0.02			0.07	0.06		

Remarks:

* - value not consistent for all transects