

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

DISCHARGE MEASUREMENT NOTES

Mass. No. _____
Comp. by _____
Checked by _____

Date	Initial point	Station	Discharge (cfs)	Water temperature (°F)	Barometer (in.)	Wind direction & force	Remarks
July 1960	Q.	(4)	2.0	14.56	0.09	0.20	0.08
July 1960	Q.	(4)	2.0	14.56	0.09	0.20	0.08

No.	Name	Area	Vcl.	G.H.	Disch.
H4	Homosassa Pedestrian Bridge				
	Party Edgar Wade/Gary Maddox				
18		27.1			
27		4.3			
36		4.8			
45		5.0			

Area	Vcl.	G. H.	Disch.
No. secs.	G. H. change	in	hrs. Susp.
Hor. angle coef.	Susp. coef.	Meter No.	

no.	Recorder		Date rated		for rod, other.		
	Inside	Outside					
			72	7.1	15.12	0.70	0.25
			81	3.2	16.48	0.36	0.34

[illegible][illegible][illegible][illegible][illegible][illegible][illegible]

Water measured on upstream side of

[illegible]

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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Instrument rated excellent (2%), good (5%), fair (8%), poor (over 8%), based on following conditions: Cross-section

Weather _____
Air °F @ _____
Water °F @ _____
Intake flushed _____
Record removed _____
River _____
Tide _____
Date _____

Measured on upstream side of pedestrian footbridge.

L of zero flow _____ ft.

5/14/14 Homosassa State Park

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DISCHARGE MEASUREMENT. NOTES

Lu's Weirs - Homosassa (downstream of hippo)

Area _____ Vol. _____ G. H. _____ Dich. _____
 No. sec. _____ G. H. change _____ in _____ hrs. Susp. _____

rod coef. _____ Hor. angle coef. _____ Susp. coef. _____ Meter No. _____
Type of meter M.M.F. Flowmate 2000

GAGE READINGS _____

<u>Date rated</u>	<u>Inside</u>	<u>Outside</u>	<u>Date rated</u> for rod, other.
<u>Meter</u>	<u>Recorder</u>	<u>ft. above bottom of weight</u>	

Spin before meas. _____ after _____

Meas. plots	% diff. from rating
1	10
2	10
3	10
4	10
5	10
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100	10

Wading, cable, ice, boat, upstr., downstr., side

bridge	of	weirs	fect, milc, above, below
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gase, and

Click-bar, found

changed to _____ at _____

correction-----			Correct
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Author	Year	Levels obtained
M. G. H.	1971	100

ment rated excellent (2%), good (5%), fair (8%), poor (over 8%), based on following

Conditions: Gross section

Weather

① 070

Water H_2O

Record removed -----
Intake flushed L -----

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10 macedonica pinnatifida. Sides

of blood clotting

NAME

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STARTS WEST

WEIR 3 (EAST) - WEIR 2 (MIDDLE) & WEIR 1 (WEST)

END LAST

Dist. from upstream initial point	Total Width	Total Depth	Flow direction	Time from start to end	VELOCITY		Adjustment depth
					At point	Mean velocity	
1A	4'8.5"	2.7		6	0.415	3 inch flow	
1B	1	2.8		5	0.43	over boards	
1C	1	2.8		9	0.37		
2A	4'10"	1.9		7	0.355	Finch flow	
2B	1	1.95		7	0.36	over boards	
2C	1	2.00		9	0.335		
3A	4'10"	1.8		0	0.015	Flow blocked	
3B	1	1.8		4	0.015		
3C	1	2.2		6	0.015		
A = WEST						blocked flow ≈ 0.015	
B = MIDDLE						flow $\approx$ measured above	
C = EAST							