

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOOSE-LEAF FIELD NOTEBOOK

9-157

Book 68-1

W.R. Oglesby
F.B.C. -

P.O. Box 631
Tallahassee
Div. of Geology

Lt. - Little 743-6459.
-6422.

Call 6/19 at above no. at
3" 704 9:06 AM. less than 3 min
3" 704 call 6/20 above no 9:00 AM

3" 704 Call Flamingo Lodge 813-075-3101
6/22/68 9:45 AM.

3" 804 Call Kickhafer Sarasota from
mom 388-2121 6/21/68 2:30 PM

6/19/68 - Partly cloudy - Wind 10-18?
 that Baumgister - Pori - Collier.

115
 11493
 40



6/19/68 - Flamingo

Station	Time	Read	Elev.	I.H. (Ft.)
Manna D.B.	10:50	11493	?	1.5
Barnes Key	12:15	08843	0.0	0.5
	24° 56.5' N	80° 47.0' W		
Sid 2) Key	12:25	09457	0.0	1.0
	25° 1.2' N	80° 47.0' W		
Sid Key 3)	1:30	11006	0.0	1.5
	25° 2.2' N	81° 0.8' W		
D.B. Manna	2:25	11533	?	1.5

6/23/68 Clear Calm Lt Brze

USD 1. 8:56 7.15 AN. 0.0
 NPS

8150

Marathon - Fla 6/24/68

Riese - Oglesby Clear-Water

S-273 Marathon 1966 C+G S BM

1.1 miles W. along Hwy 1 from P.O.

11' x 11' concrete base top of post
W of SE cor. w/ marble cover
betw 32nd & 33rd St.47' N of C/line of Hwy 1 48.8'
E of SW cor of steel fence corner
dumping station no K 7, 76 S of
Steel fence.

Station	Time	Read	Elev	I.H.
S-273	10:53	8152		1.0
Marathon				
D.B.	11:07	8180		1.5
D.B.	11:08	8185		
D.B.	11:10	8184		
D.B.	11:11	8186		
S-273	11:19	8152		1.0
Big Pine	Photo #1		1.0	1.5
Key 4)	12:05	9470	24° 46.6' N	81° 23.0' W
Big Pine	12:18	9128		1.0
USCGS				
L273				
1966	Photo #2			
	Rock at surface			

5

60"
20"
40"
18"

121524.2

LESBY

Dial Constant
.0866(4)

6/24/68

Starting USCGS	Time	Read	Elev	1H
A-273	12:32	8877		1.0
note	Elev. 2.972'			
Marathon				
S-273	1:06	8172		1.0
Elev.	7.362 Ft.			
L-273	2:50	9160		1.0
Big Pine	2:52	9155		
Key	2:53	9158		
Big Pine				1.4'
B-273	3:00	9014		
1966				
USCGS	3:44	9025		1.4
Elev		9025		
H. 613'	3:46			
No Name	3:23	9018	4.3"	1.5
Key 5)			about water	
on Dock	Lat 24° 41.8' N		Prism -.06	
at Keep End	Long. 81° 19.1' W			
Photo #3	Time Rock Fall		14 14"	
	Reading opposite stream end			
	of pier on left			

Mahlen Bull July 22, 1968

10 AM. 350-~~7444~~⁷²⁶⁰

Call

Op 98

^{Mini}
271-5187 John Riege Call

10:15 AM 7/22/68

W

6-25-68

OGLESBY + RIEGE

STATION	TIME	READ	ELEV.	I. H.
DB ISLAMORADA YACHT BASIN PHOTO #1	08:50	9263	+2.5' H ₂ O level 2.5' H ₂ O DEPTH	1.5 FT.
STOP 6 COTTON KEY PHOTO #5	09:18	9214	-0.5 FT.	0.5 FT.
STOP 7 BOB MEYS PHOTO #6	10:05	10046	-0.8 FT.	0.2 FT.
	25° 6.4' N	80° 35.1'		
DB Islamorada	11:12	9248	+2.5' H ₂ O level 2.5' H ₂ O DEPTH	1.5
	11:28	9244	✓	✓
	1:06	9239	✓	✓
USCHCS L-276 Islamorada	12:52	9210	4.514?	1.5
	12:55	9210		

(6/26/68) - Riege-Burmeister-Oglesby

Stop 6
Cotton Key

10:35 9254 -0.5 0.5

Lat
Long

24° 57.8' N
80° 37.5' W

Stop 8
Tavernier
Creek

11:07 9700 +1.5 1.5
Lat 25° 0.0' N Long 80° 32.0' W
Bl + wh Photo of Birds - Riege

Dredged up about 1966

6/28²⁶/68 - Overcast

	Time	Read	Elev	I.H.
Stop 9 Duck Key?	11:47	10496	-1.0	+0.3
	Lat 25° 7.9' N			
	Long 80° 29.2' W			
Stop 6 Cotton Key	1:13	9269	-0.5	+0.5

7/10/68

Bright Sun
High Winds

Marathon
Riege - Oglesby

Marathon Gravity Base

~~Station~~ A 121 1945" Relocated.

X-273 1966 (USC 165) Disc in
Rock Outcrop [RIG-0]
Elev 3,907' 6' from Airport Light Beacon

Station	Time	Read	Elev	I.H.
X-273	4:30	9746		1.5
(DO NOT USE)	4:35	9748		

Just Reset + Shaken Down

D.B. Jack Tar Motel - Front
Porch Cabin #112 (on Concrete)

✓	4:53	9744		1.5
✓	4:55	9743		✓
✓	6:27	9757		✓
	5:47	10177		

Bahia Honda Park
Boat Ramp
Laundries

Sea level 1.5'
Low Tide

S-273 Marathon 6:10 (RIG-0) 9815 1.0

X-273 Δ 6:20 9766 1.5

Lat 24° 43.7' N Long 81° 2.4' N

7/11/68 - Cloudy - Windy
Riese - Oglesby

Station	Time	Read	Elev	I.H.
X-273	8:45	9783		1.5
Δ	8:50	9781		✓
	10:22	9775		✓
	10:25	9774		✓
Bk Pine	9:42	10667	Onsr	1.5
Key Base	9:45	10667	+0.05	✓
B-273	24°	41.4'	N. Lat	
Δ	81°	22.2'	W. Long.	
El 4.613'				
DB JACK TAR #112	11:53	9758		1.5
USC 185	3:09	9741	Water level	1.5
Tide Gauge			4'-0"	
La Vaca	Lat 24°	43.8'N	Dock level	
Cut	Long 81°	1.8'W	8'-0"	
Measurement	Elev	6.197'	Wall level	
			2'-0"	
USC 185	3:27	9937	+0.5'	0.0
Trinity St.				
Bamboo Cay	6:07	9956	+1.0'	0.0
1857				
1934 Δ	Lat	24° 45.4'N		Rock
Stop 10	Long	81° 0.3'W		Outcrop
Stop 11	5:09	10591	0.0	1.0'
Lower				
Duncan	Lat	24° 55.1'N		
Key	Long	80° 50.0'W		

GLESBY

	Time	Read	El	1H
La Vaca Cut- Tide Gauge Marathon	6:22	9764	Water level 3'-0" Dock level 8'-0" Wall level 2'-0"	

7/12/68

GLESBY

Riese
Oglesby
PT. Cloudy - Windy

Station	Time	Read	Fl	1 H
Bahia Honda Boat Ramp	10:25	10224	0.0	1.0
Slit. Pond	10:44	10226		
	Lat	24° 39.4' N		
	Long	81° 16.7' W		
HARDUP KEY	11:45	11091	0.0	1.5
STOP 12 Loc in gap - Sand of Key	Lat	24° 45.4' N.		
	Long	81° 14.8' W.		
BAHIA HOND. BT. RAMP	12:53	10218	-0.5	1.0
	Do	Not Use		
HARDUP KEY	2:20	11010	-1.0	+1.0
	2:25	11104	Error	
	2:28	11010		
	2:34	11012		
BAHIA HOND. RAMP	3:10	10231	0.0	1.5
HARDUP KEY	3:47	11121	-1.0	0.5
BAHIA HOND. SP. BOAT RAMP	5:05	10243	0.0	1.5
	5:07	10243		

GLESBY

PIECE
OGLESBY

7/15

WARM - PT. CLOUDY - WINDY

STAT.	TIME	READ.	ELEV.	I. H.
MARATHON	1:08	9896	1.5	1.5'
BASE	1:14	9894		1.5'
X 273				
1766 USCGS				
Δ				

Floor 3,907'

Key West	2.33	9046	14.324	0.0
Base Δ	2.38	9044		
(R160)			Drift - .05	

MARATHON	4:15	9902		1.5'
BASE Δ	4:17	9907		"
X-273	4:18	9905		"
	5:17	9896		"
	5:19	9898		"
	6:51	9905		"

LOWER	5:15			1.5'
MATECHAMBE				
KEY BASE				
Δ RESET 169				
1936 USCGS				

NOT FEASIBLE.

LOWER	6:19	10977	6.065	1.0'
MATECHAMBE	6:21	10975	"	"
BASE Δ				
200 YDS				

- .04 drift

No. of "FLANCHER'S RESORT APTS." ALONG S.E. SIDE RS. I
ARMY CORPS ENGINEERS STAMPED DISK 1-WSM 3
1960
IN CONCRETE SLAB HOUSING WATER METER
2.65 MILES NO. OF CHANNEL #2 DIADUCT.

MARATHON	6:53	9905		1.5'
BASE				

7/17/68

15 mph[?]
Breeze

Station	Time	Read	El	Lt.
Stop 10	3:04	10133	2.0' ±	0.0
Bamboo	3:06	10140		
Key Δ		10130		
1857		10130	Low tide	

RIEGE
OGLESBY
CLIFF

OGLESBY

7/18/68 SUNNY - WINDY

	TIME	READ	ELEV	H.I.
SUGAR	10:45	10769	0.0	1.5
LOAF	10:47	10771	✓	✓
SHORES	10:50	10771	✓	✓
MAKINNA	2:49	10801	✓	✓
BOAT RAMP	2:52	10803	✓	✓
Marvin Key	1:08	11543	Do not use	1.5
Loc #13	1:14	11542	0.0	1.5
	24° 42.7'	North Lat.		
	81° 38.6'	West Long		

Marvin Key	4:00	11543	2' 9" EST.	0.0
USCGS 1935	4:02	11543		✓
Loc #13	5:45	11545		✓
	5:47	11546		
Sawyer Key	4:44	11995	< 0.5'	1.0'
	4:45	11998	✓	✓

Loc #14	24° 45.6'	N Lat.		
	81° 34.1'	W. Long.		
Snake Point	5:23	11375	0.0	1.5'
Loc #15	5:25	11375		

Sugar Loc	24° 42.0'	N Lat.		
	81° 40.4'	W. Long.		
	6:15	10812	0.0	1.5
Shoals Marina	6:17	10815		

7/19/68

Cloudy - 10-15 MPH Wind

GLESBY

Station	Time	Read	El	HT
Sugarloaf	7:45	10784	6.345'	0.0
Shores	-CHANGED CELLS			
P.O. Bldg	9:50	10779		
W-271	9:58	10780		
1966	4:00	10814		
USCAGS	4:02	10813	24° 38.8' N Lat	
	5:15	10821	81° 33.9' W Long	
	5:17	10823		
SUGAR LOAF	10:10	10813	0.0	1.5
SHORES MARINA	10:13	10814		
BOAT RAMP				

MARVIN KEY	11:07	11556	2' 9" EST.	0.0
BASE Δ	11:10	11557		
#13	2:30	11574		
	2:31	11578		
	2:33	11580		

KEY WEST	12:21	11087	0.0	1.5
POWER	12:24	11085		
SQUADRON	12:25	11085		

DOCKS ON				
MUD KEY	24°	40.7' N Lat.		
Loc 16	81°	42.0' W Long.		

MARVIN KEY	2:35	11581	2' 9" EST.	0.0
BASE Δ				

#13

KEY WEST	4:37	4216	14.324	0.0
GRAVITY BASE	4:39	4217		
(RIGID) Δ				

11061171
11061171

200 1-2
14
22 2-5 W
3/20

7/20/68

Clear-Warm-
Wind EST 5-7 MPH

Station	Time	Read	EI	I.H.
Bahia Honda	9:07	10484	130.0	1.4
Park - BT	9:09	10485		1.5
Ramp.	9:50	10492		
USE	9:52	10492		
(and Ramp)	24° 39.4' N 81° 16.7' W.			
B-273	9:28	10960		1.5
1966	9:30	10961		✓
USC&GS	10:10	10961		1.5
Big Pine Key	10:14	10963	24° 41.4' N Lat ✓	✓
Δ	11:35	10968	81° 22.2' W Long ✓	✓
	11:37	10968		✓
Z-272	10:17	10760		0.0
USC&GS	10:20	10760		0.0
1966	11:25	10764		
on US 1.	11:27	10764	24° 40.2' N Lat ✓	✓
at Big Pine	Flew 5.883'		81° 21.4' W Long. ?	
W-271A	10:44	10828	81° 21.5' W	0.0 ✓
at lower	10:46	10828		✓
Sugar Loaf Key - S.L. Shoos. P.D.			24° 38.8' N Lat	
			81° 33.9' W Long.	
X-273A	12:13	10085		1.5
Near Loran	12:20	10083		✓
Lavaca Cut station at Tide Gauge	12:35	10065		1.5
	12:37	10064		
Note:	USC&GS BOM NO 1, 1966 15' away in same wall (at Pump & Steps) same Elevation			

RIEGER
OGLESBY

GLESBY

WARM-WINDY-SUNNY

7-22-68

STATION	TIME	READ	ELEV	HI
LOWER	4:06	11235	6.065	1.0
MATECHAMBE	4:08	11234	✓	✓
BASE				
1 WSM 3				
ARMY CORPS				
ENGINEERS				

ISLANDIA	4:19	11245		1.5
YACHT BASIN	4:21	11246		✓

1.9 MILES SOUTH OF SOUTH END OF BRIDGE
OVER WHALE HARBOR

OGLESBY
PIEGE

OGLESBY

7-23-68

CLEAR WARM WINDY

STAT	TIME	READ	ELEV	H.I.
USDI-NPS	9:35	13761	5.72	1.5
ELEV. DISK	9:37	13763	✓	✓
M.I.W.	9:41	13761	✓	✓
IN S.W.	12:42	13769	✓	✓
CORNER	12:44	13770	✓	✓

OF NORTH PORTION OF FLAMINGO MARINA
CONCRETE WALL

09-087-0246 Flamingo Box

Loc 17

PIER AT	11:07	14306	1 FT (EST)	1.5
EAST PT.	11:10	14207		2.0

CATE SABLE; STEP AT END OF PIER

09-087-136 Lat 25° 7.2' N
Long 81° 5.5' W

D.B. RM.	2:34	13758		1.5
179 FLAMINGO	2:36	13755		✓

LODGE;
OUTSIDE

DOOR OF
ROOM

HOMESTEAD	3:05	13699	ROAD	1.5
CANAL-SIGN	3:08	13700	✓	✓
TURN IN ROAD EAST OF LODGE				

OGLESBY
RIEGL

OGLESBY

7-24-68
SUNNY - 5 MPH - 15 MPH

STATION	TIME	READ	ELEV	H.T.
USDA MYS	7:53	13808	5.02	1.5
MIW	7:56	13805	✓	✓
FAIRVIEW	7:57	13804	✓	✓
MIDLAND				

EAST CAPE	7:58	14344	1.0 (EST)	1.5
PIER	7:01	14346		
Loc 17	10:45	14342	✓	✓
09-087-135	10:47	14342		

NORTH CAPE	9:43	15230	TIDE CHANGE	1.5
(NW)	7:45	15230	✓ 22" EST.	✓
Loc 18	11:50	15233	20.5 H2O LEVEL	✓
25° 13.4' N.	11:52	15234	✓	✓
81° 10.3' W.	2:53	15250	22" EST.	✓
	3:54	15251	✓	✓

MIDDLE CAPE	11:15	14729	2.0 EST	1.5
Loc 19	11:17	14728	✓	✓

Lat 25° 9.4' N
Long 81° 8.5' W

Loc 20	3:10	15387	2.5 H2O	0.0
SHARP PT	3:11	15391		
PIER 4	3:12	15391		
PICNIC				

TABLES
Gravelly Creek

Lat 25° 22.8' N
Long 81° 8.6' W

Loc 22
Sharp Pt

7/26/68

SUNNY - 8 MPH. ^{WIND}

Station Time Read El 1H
Loc 21A Sample only

	2:47	15472	+1	1.5
Loc 22	10:57	15484	H₁ H₂O	1.5
Shark Pt	10:59	15489	✓ EST.	✓
	11:01	15487	✓	✓
25° 23.3' N	12:45	15476	✓	✓
81° 9.1' W	12:46	15477	✓	✓
	2:45	15472	+1 H ₂ O EST	✓
NORTHWEST CAPE	11:57	15311	+1. H ₂ O EST	1.5
	11:59	15311	✓	✓

18

HIGHLAND POINT	1:56	15996	+2 H ₂ O EST	1.5
LOC. 23	1:58	15995	✓	✓
	Lat 25° 30.2' N			
	Long 81° 12.5' W			

Loc 24	4:38	15032	1.5 Est	1.0
Lake Ingram Canal	4:40	15034	✓	✓
	Lat 25° 10.9' N			
	Long 81° 8.5' W.			

Middle Cape	5:04	14834	2.0 Est	1.0
	5:06	14834	✓	✓

19.

GLESBY

7-27-68
WINDY-CLEAR-WARM

	TIME	READ	ELEV	HE
USDI-NPS	1:42	13918	5.02	1.5
MIW	1:44	13919	✓	✓
FLAMINGO	4:15	13917	✓	✓
MARINA	4:17	13917	✓	✓

SOUTH
OF SOUTH
ENTRANCE
TO GOOD
RAY
LOC 25

+1.5 420 1.0

7/28/68
1000g
0.2 to

GLESBY

7/28/68

Bright
Wind 8 MPH?

Station	Time	Read	El	1H
Loc 25	9:38	14494	2'-0 Est	1 Ft.
E. Bank of E. Cape Canal.	9:40	14495	Low Tide	
Photos		Lat 25° 7.4' N		
9 + 10 (Glen)		Long 81° 3.9' W		
E Cape Pier	1:36	14499	Low Tide	
Loc 17	1:38	14502	Pier Step	as usual
EAST CAPE PIER	10:13	14510	3 FT. EST.	1.5
	10:15	14511	LOW TIDE	0.0
Johnson Key (West Point)	12:00	12967	0.5'	0.5' to water level
Loc # 26	12:02	12960		
	12:04	12964	Tripod in	low tide

GLESBY

7/29/68

Station	Time	Read	EL	I.H.
Butternut	4:25	12303	1.0 Est	1.5
Key Loc 28	4:27	12304		
	8:00	12337	1.0 Est	1.5
	8:02	12337		

Mid Tide to High Tide

Loc 27 A

Lat	25°	47.1' N
Long	80°	43.6' W

Sample Only
Jin Foote Key

Lat	25°	04.2' N
Long	80°	47.2' W

Loc 29	6:35	11633	0.0	1.0'
	6:37	11635		

Fox Trot Keys

Lat	25°	01.1' N
Long	80°	42.2' W

High Tide

7/30/68

GLESBY

Station	Time	Read	FI	1H
Flamingo	8:25	14029	5.92	1.8
Marine	8:37	14029	Mid-Tide	✓
USD 1	10:45	14033	LOWER	✓
No 8	10:47	14035	LOWER	✓
5-2	4:44	14041	med	✓
	4:46	14042	med	✓
Bottomwood	9:50	12348	1.0	1.5
Key	9:52	12347	Mid-Tide	✓
Loc 28	Lat	25° 04.7'N		
	Long	80° 43.6'W		
Loc 29	12:25	11674	0.0	1.0
Color	12:27	11673	Low Tide	✓
Photo	2:30	11677	0.0	✓
Fox trot	2:32	11678		
Keys				
[Largest]				
Loc #30	1:12	11515	0.5	1.0
WESTERNMOST	1:14	11516	LOW TIDE	✓
KEY OF	Lat	24° 59.2'N		
CRAB KEYS	Long	80° 40.3'W		
Loc 31	1:48	11546	0.0	1.0
Shell	1:50	11544	Low Tide	✓
Key	? Lat	24° 55.6'N ?		
	? Long	80° 40.1'W ?		
Buoy	4:05	13465	1.0	1.4
Key	4:07	13467		
Loc 32	Lat	25° 07.3'N		
	Long	80° 50.0'W		

From the desk of

WOODSON R. OGLESBY

See ref. p
& bar p

EL. 1.11.
1.0.
LOW TIDE ✓
✓

Concrete
Marker in River
1 Plate in 6" Block
in to Flamingo

rk #3
- Another
washed over.
cov. - bronze

RANGER	10 35	16 22 3	9.0 EST	1.5
PATROL	10 37	16 22 3	LOW TIDE	
STATION				
LOST MAN'S				
RIVER				

ON GROUND AT END OF DOCK
Lat 25° 33.1' N
Long 81° 12.8' W

7/31/68

Station	Time	Read	Fl	I.H.
Loc 22	9:27	15642	2.5' Est	1.0'
Shark	9:30	15641	Low Tide	✓
POINT	11:30	15650	3.5 VERLOW TIDE	✓
	11:32	15651	✓	✓

Recovery Note Shark #3
 No 1 1955 - USC + 65 -
 Concrete pillar on site - Another
 marker in block also washed over.
 1 Plate in 6" Block - recover. - brought
 in to Flamingo

RANGER	1035	16223	9.0 EST	1.5
PATROL	1037	16223	LOW TIDE	

STATION
 LOST MAN'S
 RIVER

ON GROUND AT END OF DOCK
 Lat 25° 33.1' N
 Long 81° 12.8' W

2-3

8/8/68

2 mph

Station	Time	Read	El	HT
Loc 33	10:43	15858	0.5'	1'-0"
	10:45	15861	LOW TIDE	
Lat	25° 20.4' N	Long	81° 7.4' W	
Loc 34	11:22	15600	H ₂ O LOW TIDE	3.2"
			42" H ₂ O DEPTH	
			MUD BOTTOM	
Low tide				
Loc 34	11:43	15615	0.0'	0.75'
	11:45	15619		above water
Lat	25° 19.5' N		7" water	
Long	81° 4.6' W		Depth	
SHARK PT	12:14	15931	1.5' EST.	1.0
Loc 22	12:16	15928	MED TIDE	
	1:28	15935	0.5' HIGH	1.5
	1:30	15935		
		15940		
Loc 33	12:45	15856	66	3 inches
	12:48	15876	Water depth	
			1'-0"	
			High Tide	
Loc 35	2:28	15844		
USGS	2:30	15876		
Tide				
Gauge	omit			

5

OGLESBY
RIEGER

8/9/68

STATION	TIME	READ	EL.	H.I.
SHARK POINT #22	10:01 10:03 10:05 11:50 11:52	15985 15991 15992 15987 15988	3.0 EXTREME LOW TIDE 2.0 INCOMING TIDE	1.0 ✓ ✓ 1.0 ✓
Loc 36 25° 25.5' N 81° 9.1' W	11:00 11:02 11:05	16073 16074 16077	1'-0" Low Tide	1'-0"
LOC #37 HARNEY RIVER	11:24 11:26 11:29	15993 15986 15988	2' EST INCOMING TIDE	1.5 ✓ ✓
Lat 25° 25.7' N Long 81° 6.8' W				
#38 Harney River	12:33 12:39	15925 15928	43" H2O DEPTH	15"
Lat 25° 25.5' W Long 81° 3.6' W				
#39 HARNEY RIVER	1:15 1:20	15926 15927	-35" HIGH TIDE	26"
Lat 25° 25.2' N Long 80° 55.9' W				
SHARK PT #22	2:01 2:03 4:03 4:05	15991 15990 16000 15997	0.5 HIGH TIDE 1.0 OUTGOING TIDE	1.5 ✓ 1.5 ✓
Loc 40 Tarpon Bay	2:55 2:57	15847 15845	34" Water Depth	2'-4"
Lat 25° 26.1' N Long 80° 57.5' W				

087-156

8/9 CONT'D.

Station	Time	Depth	Fl	L.H.
Loc 41				
USGS	3:28	15735	1.6' water	5.5
buoy	3:30	15728	depth	
station				
Loc 42	5:09	16243	2' Est	0.5'
Oyster	5:11	16240	-	-
Mound				
Near				
Board				
River				
See				
Photo				
		Wrong location		
SHARK	5:40	16019	2.5	1.5
PT.	5:42	16018	LOW TIDE	-
#22				

Note: Same beach shoreline
 shell hash occurs at #44 as
 at #43. Also at #46

3.8

OGLESBY
 RIEGE

8-12-68

STAT	TIME	READ	EL.	HT
GAS	9:53	14465	+2 ?	1.5
DOCK	9:55	14465		1.5
MARINA	12:18	14474	? + 3"	✓
FLAMINGO	12:20	14473		✓

W 76

#43	11:28	15111	3"	1.5
WHITE-	11:30	15112	MID TIDE	✓
WATER	4:00	15127	SHELL BEACH	1.5
BAY BASE	4:02	15124	INCOMING TIDE + 1"	1.5
26° 17.2' N	5:55	15125	< 1"	1.5
80° 57.7' W	5:57	15127	✓	✓
NPS-NSA	12:58	14477	5.02	1.5
MZW	1:00	14479	✓	✓
FLAMINGO				
MARINA				

W 76

#44	4:30	14931	6" Water	7"
Near	4:32	14932	Depth	
Δ "18"				
			Lat 25° 14.7' N Long 80° 56.5' W	
			Mid Tide	

TIDE GAUGE	4:55	14656	39" +
STATION	4:57	14655	1.4'
TARPON	Lat 25°	12.5' N	12.10 ABOVE
CREEK	Long 80°	55.9' W	H2O GAUGE H2O
#45			READING
			H2O DEPTH

#46	5:21	15055	Bad Reading	
25° 13.0' N	5:23	15044	7" Water	6"
80° 58.8' W	5:25	15046	Depth	
#47	25° 15.4' N	80° 57.9' W		
MIDWAY KEYS	5:41	15110	7" H2O	7"
	5:42	15108		

Photos of Duck pond "Sink lake?"
 U.S. 1 in S Miami 112th St
 Kullen Drive in Park.

Ferrine Wayside Park & US
 1 Dade County, Duck Pond
 Sink hole lake?, Photos

062ESBY

8/13/68

Station	Time	Read	Fl	Flt.
S. Miami	3:35	18095	13.615	
Base	3:37	18082		0.1'
	3:38	18086		
Dorm Bldg.	3:40	18084 ✓		
	5:11	18091	✓	✓
	5:13	18092		
USC HGS	4:28	12485	7.949	1.5'
A 1935	4:25	12490 ✓	(103)	e
+ 1961	4:30	12487		
(Krome Ave	(New Cell)		Dist - 05	
+ Lucy St				
Homes Rd -	Florida City	SW. Cor.		
USC HGS	6:15	12492	1 ?	1.5
A 1935-1961	6:18	12492		✓
Krome Ave				
St.	8:28	12491		✓
Plumige	7:25	14535	?	1.5
Base	7:27	14535		✓
USC HGS				
A No 2				
1964 at	Elev 6.55'			1.4
Base of				
Flay				

OGLESBY
RIEGL

WINDY

8/14/68

SCATTERED SHOWERS

STAT	TIME	READ	EL.	H.I.
#48	10:08	14890	1.0	1.0'
	10:10	14890		
	Lat 25°	7.5' N		
	Long 81°	0.0' W		
	Mtd Tide - Incoming			
#19 middle Coke	10:46	15526	3.5 Est	1.0
	10:49	15524		
	12:03	15523	3.5 EST	1.5
	12:05	15520	LOW TIDE	✓
#49	11:21	16193	Low Tide	
	11:23	16194	2.5' Est	1' 0"
	Lat 25°	16.4' N	Neen Pls	Sable Creek
	Long 81°	9.9' W		
			Low Tide	
#43	2:03	15225	+2" EST	1.5'
WATER	2:05	15228	OUTGOING TIDE	✓
RAY BASE	4:02	15232	74" EST	1.5'
	4:04	15233	LOW TIDE	✓
#50	2:30	15487	6"	9"
	2:32	15491	Water	Dales
Lat	25° 20.2' N			
Long	80° 58.8' W			
	Mud bottom			
#51	3:00	15726	Moved on shore	
	3:03	15710		
	3:05	15715	0.0	1.5
	3:07	15713	Lat 25° 19.2' N	
			Long 81° 2.1' W	
	Oyster Bar overgrown by Mangroves			
	or Vice Versa			

8/14/68

Station	Time	Read	FI	HT
#52	3:32	15632	6"	10"
	3:34	15632	Water	
	Lat 25°	16.3' N	Depth	
	Long 81°	2.6' W		
	Mud	Bottom		
#53	4:30	15569	6"	7"
	4:32	15571	Water	
	Lat 25°	18.1' N	Depth	
	Long 81°	0.4' W		
#54	5:03	15457	- 7"	10"
JOE	5:05	15455	H2O	
RIVER			PEAT BTM.	
	Lat 25°	13.5' N		
	Long 81°	1.6' W		
#43	5:35	15235	+3" EST.	1.5'
WHITENATER	5:37	15234	INCOMING	
RAY BASE			TIDE	
#122	12:35	16230	3.0 Est	1.5'
Shark	12:38	16230		
Point				

Extreme low tide

RIEGE
06458Y

8-15
10 MPH pt. cloudy

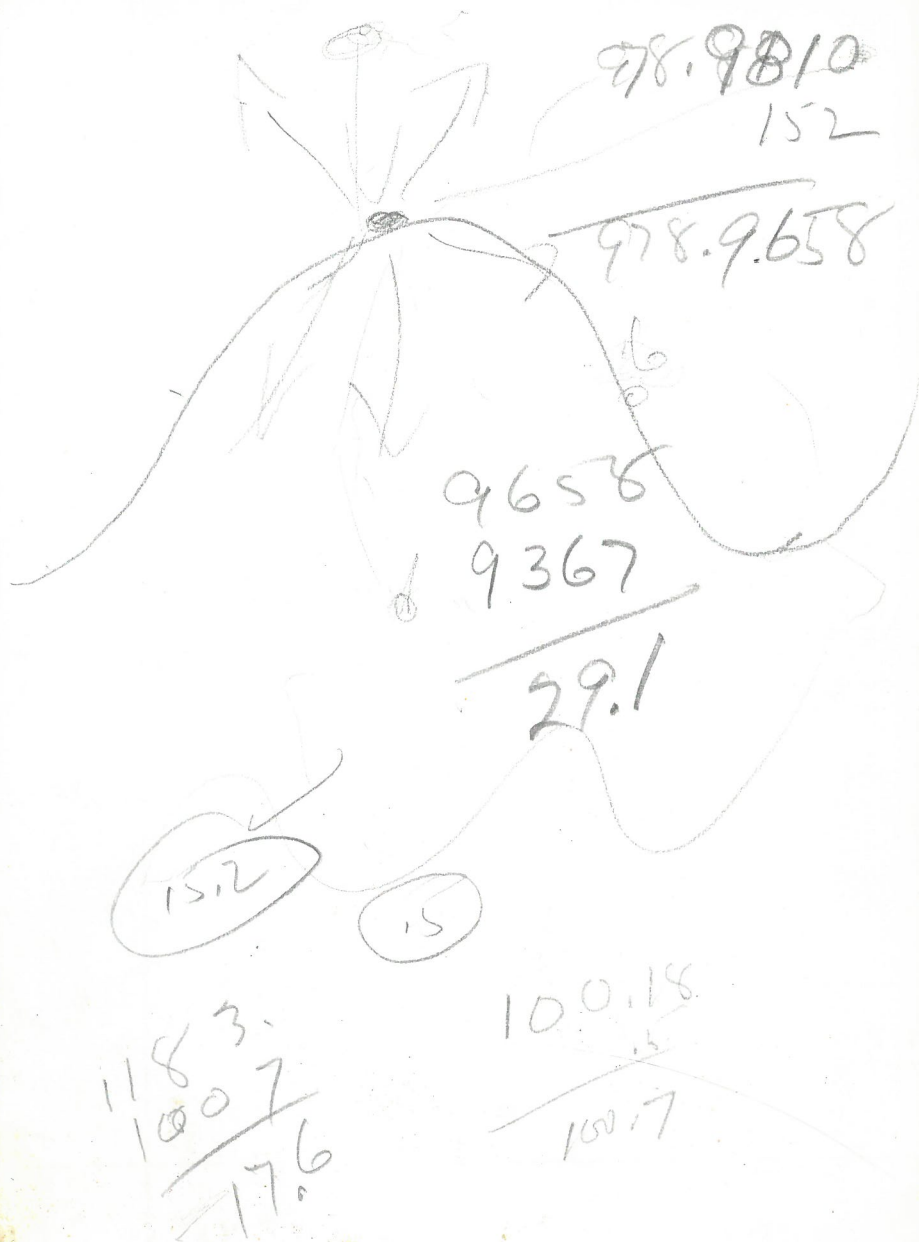
STAT	TIME	READ	ELEV.	HI
#55	11:40	16645	6" EST.	1.5
	11:42	16648	NEAR LOW TIDE	✓
BROAD	1:55	16658	6" EST	1.5
RIVER	1:57	16658	LOW TIDE	✓
BASE	3:56	16688	4"	1.0
	3:58	16692	INCOMING TIDE	✓

Lat 25° 28.6' N
Long 81° 10.3' W.

#56	3:10	16601	+3" ABOVE HIGH TIDE	1.5
CAMP LUNESWIRE	3:12	16	LEVEL (EST)	✓
M640D	3:16	16579	✓	—
	3:18	16583	—	✓

READING TAKEN OFF S.E. CORNER OF PICNIC
TABLE & ONE EAST OF TWIN PALM TREES

3:21 16578 ✓
Lat 25° 29.2' N Long 81° 0.1' W



Station	Time	Read	FI	I.H.
Sugarloaf	3:16	11832		0.0
P.O.	3:20	11835		
W-271	3:22	11835		
USC 165	6:10	11862		
1966	6:12	11864		✓

Dist - 15 rls G 978.9658

#	Time	Read	AT MID TIDE	OR HIGH TIDE LEVEL
57	4:30	10018	± 1.5	1.0
	4:32	10019		

Lat $24^{\circ} 31.3' N$
Long $81^{\circ} 34.9' W$

58#	Time	Read	EST AT MID TIDE	
PELICAN SHOAL	4:56	9782	2.5'	1.0
	4:58	9782		

Lat $24^{\circ} 30.1' N$
Long $81^{\circ} 37.8' W$

Dist 17

Observed Gaur 978.9636

60
50
40
30

0000 3.00 4.00 5.00 6.00

OGLESBY
RIEGE

Station 8/19/68
 Sugarloaf Time Read Ft 1st
 P.O. 9:35 11867
 9:38 11867
 W-271 11:29 11866
 11:31 11866

#59 Sea Farms - live - Shrimp growing
 Lat 24° 43.7' N
 Long 81° 31.2' W

Station	Time	Read	Ft	1st
Δ 1934	10:21	12787	+2.5 EST	0.0
MICHAEL	10:23	12793	✓	✓
KEY "	10:25	12791	✓	✓
TARPON	12:53	12805	✓	✓
KEY #59	12:55	12804	OUTGOING TIDE	✓
	3:27	12840	INCOMING TIDE	✓
	3:29	12842	✓	✓
	7:50	12853	+3 EST	✓
	7:52	12858	LOW TIDE	✓
PM 7:54		12860	✓	✓

#60
 127 13313 0.0 1.5
 CONTENT 131 13311 MID TIDE ✓

KEY Lat 24° 47.6' N
 Long 81° 29.8' W Drift - 1.1

61# 209 13122 0.0 NEAR 1.5
 CUTOE 211 13123 LOW TIDE ✓ -20

KEY Lat 24° 46.7' N Long 81° 25.1' W Drift - 2.0
 62# 258 12912 -8" AT 1.5

BIG TORCH 300 12913 LOW TIDE Drift - .31
 KEY (NORTH END) Lat 24° 44.8' N Drift - 3.1

63# 408 Long 81° 27.0' W 1.5
 410 12544 +1.0 EST 1.5

Lat 24° 42.8' N INCOMING LOW TIDE
 Long 81° 27.4' W Drift - .42
 Drift - 4.2

8-19-68

CONT'D.

STAT	TIME	READ	EL	HI
Loc 64	4:29	12093	0.0	1.5
Howell	4:31	12093	MID TIDE	
Key	Lat 24° 40.8' N. Long 81° 26.0' W -.44			
c Photo 1	(MIDDLE OF)			
	6' NORTH OF STONE DOCK ON WEST SIDE			
	OF ISLAND			
Loc 65	4:55	11417	1.0'	1.5
Photo 2 & 3	4:57	11419		
Newfane	Lat 24° 37.3' N			
Horton	Long 81° 24.1' W			
Key	Drift ← .46			
	-4.6			
Loc 75	2:58	10084	2.0'	1.5'
Marquesa	Mid Tide			
Keys	Mid Tide			

Recalculated
64 & 65

OGLESBY
PIEGE

8-20-68
WINDY (12-15) PT. CLOUDY

STAT	TIME	READ	EL.	H.I.
Δ 1934	10 15	12830	NEAR HIGH TD	0.0
"MICHAEL KEY"	10 17	12829	✓	✓
	10 31	12825	✓	✓
TARPON KEY	10 33	12828	✓	✓

NO NAME	1 48	12054		1.5
KEY	1 50	12054		
# 5	ON RR. FILL, SHOREWARD END OF PIER			

Loc 66	2:20	12303	- .5	4"
FRIEND	2:23	12300		
Key	Lat.	24° 43.3' N		
Photo #4	Long.	81° 17.4' W	Drift - .08	

Loc 67	2:45	12846	- .5	1.0'
	2:47	12843		
	Lat.	24° 45.6' N		
	Long.	81° 19.6' W	Drift - .15	
	Columbite ?			

68#	3 16	13126	- 2"	1.5
LITTLE	3 18	13128	✓	✓
SPANISH	SD + RR BTM			
KEY	Lat	24° 46.7' N	OUTGOING TIDE	
	Long	81° 22.4' W	Drift - .24	
NONAME	407	12091		1.5
KEY	409	12092	OUTGOING TD	
BASE				

8/20/68

Stpt.	Time	Read	El	IH
Bahia Honda Marina	5:08	11637	0.0	1.5'
	5:10	11636	✓	✓
	700	11648	✓	✓
BT RAMP	702	11649	✓	✓

Mid Tide

69# Lat 24° 44.7' N Long 81° 14.1' W Drift = .04
 543 12356 +1" 1.5'
 COCONUT 545 12358 NEAR LOW TIDE ✓
 KEY

ON BEACH AT N.W. TIP OF ISLAND SAND OVERLYING RK. Drift = .06

70# ~~603 12512 0.0 1'4"~~
 EAST 605 12520 NEAR LOW TIDE ✓
 BAHIA 608 12519 TIDE ✓
 HONDA THIN LAYER SAND & MUD OVER ROCK
 KEY

Lat 24° 46.6' N
 Long 81° 13.8' W.

8-22

STAT	TIME	READ	E2	HT
D.B.	9:40	10509	Dock on	0.0
KEY WEST	9:43	10511	CONCRETE	
HILTON	9:52	10515		
HAVEN	9:53	10516		
MOTEL				
DOCKS				
Loc 71	10:27	10658	6" EST	1.5
Photo 5	10:29	10656	NEAR LOW TIDE	
16				
72#	10:55	10792	4"	1.5
MANKEY	10:57	10789	NEAR LOW TIDE	
Near				
Piling	Lat	24° 31.7' N		
(on Shore)	Long	81° 55.3' W		

Cmd. Savitt

Bullack BMC

8/23/68

6ND 99
Boston Whaler
(Cmdr E. Hahn)

Station	Time	Read	CF	HT
Loc 71	10:43	10703	0.1 Ft.	15/miles
Small Mangrove Island	10:45	10704	High Tide	
	12:15	10705		
	12:17	10705		
	24° 32.0' N			
	81° 52.7' W			
Ballast Key	11:12	10811	1.0'	1.0'
Loc 72	11:14	10812	High Tide	
Photos 19+20	24° 31.3' N	Shell sand in 1 ft water		
	81° 57.8' W	Pure Qtz Sand Beach		
Poca Grande Key	11:35	10679	0.25'	1.5'
	11:37	10677	High Tide	
	24° 31.7' N			
Loc 73	82° 0.5' W			

D.B.	1:06	10570		
MARINA DOCK at Harbor	1:10	10571		

Moorey Harbor Marquesas Key

Loc 74	2:15	10092	1 inch	4 inches
	2:17	10096	.18	
	24° 33.0' N			
	82° 8.7' W			
Loc 75	2:58	10084	2.0'	1.5'
Mary Key	3:00	10085		
	24° 35.2' N			
	82° 8.7' W			

Mid Tide
Anft - 1.29

Nov 20, 1968

Station	Time	Read	Bl	It
WSM				
#3	2:20	13288	6.065	0.0
L. Mateumbe	2:23	13290		✓
BM#8	4:58	13315		✓
	5:00	13314	Drift	✓
Fla City	3:45	13753	14"	14"
Base	3:47	13758		
SW 8 th	3:49	<u>13758</u>		-
(Lung) H				
Krone				
me				

Nov. 20, 1968

Station	Time	Read	BI	IH
WSM				
#3	2:20	13288	6.065	drift +0.14 0.0
L. Mateu	2:23	13290	✓	✓
BM #8	4:58	13315	✓	✓
	5:00	13314	Drift	✓
Fla City	3:45	13753	13753	14"
Base	3:47	13758		
SW 8th	3:49	<u>13758</u>		-
(Luz) +				
Krone				
Mr				

Nov 21
1968

Station	Time	Read	El	Ht
Flamingo Harbor DB	8:45 8:47	15842 15843	5.02	1.5
Flamingo Base BM #2 Flag pole	8:54 8:56	15815 15816		1.3

194 25 NK

- 1
- 2
- 3 EAST CAPE *side*
- 4 NORTH CAPE *side* 8-125
- 5 MID CAPE LOOKING WEST S. 6 - 125
- 6 SHAL SHARK PT 4-160
- 7 SHARK PT (GREEN) STAMP IN FOREGARD S. 6 1/60
WOODY EAGLE
- 8 RAIN SOAL
- 9 S. 6 125 HIGHLAND PT
- 10 HIGH PT WINSTANLEY
- 11 BATTENWOOD KEY 8 1/125 GOAT, BARK, WOODY
- 12 " S. 6 1/200 " " "
- 13 CRAB KEY 8 125 WEST END
- 14 CANAL INTO UNDERWATER BAY S. 6 1/60
- 15 " W/ TIDE STATION S. 6 1/60
- 16 SOUTH SHARK OFF 68 5.6 1/60
- 17 PATROL INTO PONCE & L. BAY
- 18 STATION S. 6 1/60
- 19 MOUTH OF LOST MAN'S RIVER → SOUTH
8 1/60

