

INSTITUTE OF MARINE SCIENCE
University of Miami

TECHNICAL REPORT
September, 1967

MIAMI SEA TEMPERATURES

by
H. B. Moore

Rickenbacker Cswy.
Miami, Florida 33149

F. G. Walton Smith
Director

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ML 67269

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LABORATORY DOCK

	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	Mean For (years)	
Jan.	--	18.7	20.9	--	--	21.3	19.9	20.3	20.9	20.8	22.0	20.6	8
Feb.	--	17.8	24.7	--	26.2	23.4	21.3	19.9	22.4	20.8	21.7	22.0	9
Mar.	--	22.3	23.1	--	26.1	23.2	23.7	23.6	23.4	22.2	23.1	23.4	9
Apr.	--	24.4	25.2	--	26.8	23.7	24.6	25.4	26.5	23.8	24.5	25.0	9
May	--	26.8	27.2	--	28.0	25.6	27.9	26.8	26.3	27.1	26.8	26.9	9
June	--	29.2	28.8	--	29.2	27.4	29.8	29.0	28.3	27.4	28.2	28.6	9
July	--	30.1	--	--	31.4	30.6	30.9	29.6	29.6	29.2	29.8	30.2	8
Aug.	30.2	31.0	29.9	30.1	32.2	30.9	31.7	30.4	30.0	30.1		30.7	10
Sept.	29.2	29.2	29.3	29.6	31.2	--	29.4	28.8	28.0	29.5		29.4	9
Oct.	27.0	26.9	--	29.5	27.1	28.0	26.3	26.1	27.1	27.3		27.3	9
Nov.	24.6	25.7	--	27.2	24.7	23.2	23.0	24.8	24.6	23.4		24.6	9
Dec.	21.1	22.1	--	25.8	23.5	20.6	20.8	22.9	22.0	21.0		22.2	9

LABORATORY DOCK

	1957		1958		1959		1960		1961	
	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.
Jan.	--	--	20.2	18.1	24.0	17.7	--	--	--	--
Feb.	--	--	21.6	15.7	25.2	23.0	--	--	26.8	25.6
March	--	--	24.4	19.6	23.6	21.3	--	--	26.6	25.4
April	--	--	27.8	21.2	26.9	21.4	--	--	27.4	26.0
May	--	--	28.4	25.2	28.1	21.4	--	--	29.2	27.0
June	--	--	30.3	27.7	29.3	27.8	--	--	30.7	28.4
July	--	--	31.9	28.0	--	--	--	--	32.0	30.8
Aug.	31.0	29.3	32.0	29.6	30.6	29.2	31.5	29.0	32.7	31.6
Sept.	29.8	27.8	30.6	28.1	30.1	28.9	30.2	28.5	31.8	30.1
Oct.	29.7	22.9	29.9	24.4	--	--	29.6	26.7	31.0	24.6
Nov.	25.9	23.2	26.9	24.6	--	--	28.1	26.0	25.0	24.1
Dec.	23.0	19.6	25.4	17.9	--	--	27.0	24.5	24.2	22.6

	1962		1963		1964		1965		1966	
	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.
Jan.	24.2	15.7	22.7	18.9	22.1	17.9	23.4	17.4	22.8	15.8
Feb.	25.2	21.0	23.4	20.1	22.1	17.1	24.7	19.4	25.5	16.9
March	25.3	21.8	24.9	22.1	26.2	19.6	27.6	19.0	24.0	20.1
April	24.6	22.8	27.8	22.3	27.4	22.0	27.9	24.6	25.0	22.3
May	26.8	24.8	28.3	27.4	28.2	25.3	28.5	24.0	28.9	24.8
June	28.2	26.4	30.4	28.7	30.8	27.1	30.0	27.0	29.8	25.0
July	31.7	28.7	31.8	30.9	31.0	28.1	30.2	29.2	31.2	26.0
Aug.	32.1	29.0	32.0	31.2	31.9	28.4	31.0	28.9	30.8	29.0
Sept.	--	--	31.2	27.8	30.8	27.2	30.1	27.0	30.5	28.1
Oct.	30.3	24.9	28.2	25.0	28.9	23.9	29.1	23.0	29.2	25.2
Nov.	24.2	20.1	24.9	21.3	25.5	24.1	26.0	22.9	26.1	20.0
Dec.	22.2	18.2	21.2	20.6	23.8	21.6	24.3	19.8	22.9	19.0
	1967									
	MAX.	MIN.								
Jan.	24.0	19.0								
Feb.	23.0	18.0								
March	26.0	19.5								
April	26.9	21.0								
May	29.1	23.1								
June	30.5	25.5								
July	30.9	28.7								

VENETIAN CAUSEWAY - MIAMI MARINE TEST STATION

	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958
Jan.	23.6	20.7	22.2	23.3	20.5	22.1	21.5	22.9	21.0	20.0	23.6	19.9
Feb.	19.7	23.3	24.0	23.3	20.1	21.0	22.9	22.1	21.0	23.5	25.2	18.8
Mar.	21.6	25.4	23.4	24.3	23.5	23.8	26.0	23.1	25.0	23.8	24.7	23.1
April	26.6	25.5	25.5	23.5	24.6	21.7	26.2	27.2	26.0	24.9	27.1	25.7
May	27.3	27.8	27.4	28.1	26.7	27.2	29.2	28.4	28.1	28.9	29.1	28.1
June	28.8	28.9	29.1	30.1	30.1	30.4	29.6	29.4	29.5	29.8	30.9	30.2
July	29.0	30.4	30.3	30.3	30.4	30.3	31.3	30.7	30.3	31.1	31.7	31.3
Aug.	29.5	30.3	30.0	30.4	31.3	31.0	31.4	31.5	30.7	31.6	31.5	32.2
Sept.	30.3	28.6	29.7	29.6	30.2	29.9	30.4	29.8	30.4	29.7	30.5	31.0
Oct.	27.0	27.5	27.6	28.1	27.8	27.9	27.1	27.3	27.4	28.3	28.0	28.1
Nov.	26.2	26.3	23.2	22.7	23.7	25.2	24.7	24.0	25.2	23.5	25.4	27.0
Dec.	22.9	25.1	23.1	20.1	23.0	22.1	23.4	21.2	22.8	23.7	21.6	24.0
	1959	1960	1961	1962	1963	1964	1965	1966	1967		Mean	For (years)
Jan.	21.9	22.6	20.2	21.3	21.4	20.9	21.8	20.5	21.7		21.6	21
Feb.	25.9	21.8	21.9	22.6	20.9	20.5	22.3	20.3	20.4		22.0	21
Mar.	24.1	21.2	23.8	23.3	24.4	24.1	23.1	22.1	23.2		23.7	21
April	26.2	24.7	24.8	24.5	25.0	25.9	27.2	23.9	24.5		25.4	21
May	28.2	27.2	26.9	27.0	27.0	27.3	26.8	27.2	27.0		27.7	21
June	30.2	28.7	28.7	29.1	29.8	29.8	29.3	28.1	28.5		29.5	21
July	31.2	30.5	30.4	30.7	31.1	30.5	30.3	29.5	30.1		30.5	21
Aug.	31.1	30.1	31.1	30.7	31.3	31.4	30.4	30.0			30.9	20
Sept.	--	28.7	29.9	29.9	29.7	29.6	28.3	29.4			29.8	20
Oct.	29.6	28.3	26.8	27.1	26.3	26.6	27.4	27.1			27.6	20
Nov.	26.5	24.8	24.7	22.1	23.8	25.4	24.6	22.7			24.6	19
Dec.	--	20.1	22.6	19.7	20.3	23.3	21.3	19.6			22.1	19

VENETIAN CAUSEWAY - MIAMI MARINE TEST STATION

	1953		1954		1955		1956		1957	
	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.
Jan.	--	--	24.7	19.4	24.2	16.6	22.9	16.3	26.5	21.2
Feb.	--	--	24.4	18.0	22.5	17.6	25.2	22.3	27.0	24.0
March	--	--	27.6	19.8	27.0	19.8	26.6	20.6	27.5	20.8
April	--	--	28.8	25.6	27.6	22.0	28.4	22.7	28.7	25.0
May	--	--	30.6	26.9	30.8	24.5	29.8	28.2	31.1	26.9
June	--	--	31.1	28.1	--	--	31.9	28.9	32.4	29.1
July	--	--	31.9	28.0	31.3	28.7	32.3	29.7	32.3	30.9
Aug.	--	--	32.5	29.8	31.6	30.1	32.6	30.7	33.4	30.5
Sept.	--	--	30.9	29.0	31.3	29.1	31.5	28.6	31.9	29.4
Oct.	29.1	23.5	29.3	24.8	29.6	25.0	31.2	25.8	30.2	23.5
Nov.	27.0	23.7	26.8	22.3	26.4	24.1	26.4	21.1	27.2	23.2
Dec.	26.7	19.2	24.1	17.5	24.8	21.0	26.4	22.2	23.7	18.0

	1958		1959		1960	
	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.
Jan.	23.2	16.4	26.4	18.4	25.9	17.3
Feb.	24.3	16.9	26.8	21.2	23.7	19.6
March	25.3	20.3	26.7	21.2	24.6	18.1
April	28.6	22.5	28.8	22.9	26.8	22.0
May	29.8	25.7	29.8	26.9	29.1	24.9
June	31.7	29.0	32.5	29.6	31.2	26.6
July	33.9	29.4	32.6	29.5	31.6	28.7
Aug.	33.7	30.7	32.4	30.2	31.7	27.8
Sept.	32.2	29.5	--	--	30.0	26.2
Oct.	31.1	26.0	31.2	26.7	29.8	25.7
Nov.	28.2	26.0	29.4	19.6	27.4	23.0
Dec.	27.1	19.3	--	--	23.1	16.0

	1961		1962		1963		1964		1965	
	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.
Jan.	22.1	15.2	24.2	16.2	24.0	18.3	22.7	17.7	23.4	19.8
Feb.	24.8	18.8	25.2	19.5	23.2	19.0	22.3	18.5	24.8	18.5
March	25.6	19.7	25.6	20.1	27.2	20.8	25.8	20.3	27.6	19.2
April	26.6	23.0	27.0	21.8	27.6	23.0	27.6	22.0	27.7	24.8
May	29.1	25.0	29.5	24.8	29.2	23.7	28.5	26.1	28.6	25.0
June	30.6	26.8	30.6	27.8	30.7	28.8	31.9	28.1	30.7	28.1
July	31.1	28.4	32.0	29.3	32.0	30.4	31.9	29.4	31.6	29.2
Aug.	32.0	29.9	32.0	29.1	32.6	30.0	32.6	29.6	30.9	29.9
Sept.	31.2	29.0	31.6	27.4	31.3	27.9	31.6	28.5	30.8	26.3
Oct.	30.0	24.1	30.2	23.9	28.6	25.3	29.7	24.2	30.3	23.8
Nov.	25.8	21.2	24.0	20.0	26.3	21.2	26.4	24.6	26.4	22.3
Dec.	25.0	17.2	24.0	15.9	23.9	18.0	24.4	22.3	23.5	19.9
	1966		1967							
	MAX.	MIN.	MAX.	MIN.						
Jan.	23.2	17.5	23.7	19.8						
Feb.	24.5	16.2	22.8	16.7						
March	23.5	19.7	25.9	18.7						
April	25.1	22.3	26.8	21.3						
May	28.5	25.4	28.7	24.9						
June	29.7	26.2	30.6	25.9						
July	30.5	27.3	31.4	28.8						
Aug.	30.2	29.8								
Sept.	30.5	28.1								
Oct.	29.1	25.6								
Nov.	25.2	19.5								
Dec.	21.8	18.0								