http://www.geology.19thcenturyscience.org/books/1845-Wilkes-Expedition/README.htm

APPENDIX.

I.

EXPERIMENTS MADE ON BOARD U. S. SHIP VINCENNES, 9TH APRIL, 1840.

TIME.	SUN'S ALT.	SKY.	DEPTH POT SEEN.	CURRENT.
10 A. M.	38°	Clear.	16 fathoms.	None.
11 "	48	"	16 "	1 fathom north.
12 noon.	50	"	17 "	1 " west-northwest.
1 P. M.	47	"	17 "	2 " "
2 "	40	"	15 "	2 " "
3 "	30	"	15 "	2 " "
4 "	19	"	14 "	2 " west-by-south.
5 "	7	"	14 "	2 " "
6 "	4	"	13 "	2 " west-southwest.

EXPERIMENTS MADE ON BOARD U. S. SHIP PEACOCK, 31ST MARCH, 1840.

Water at the surface stood at	75°
" 10 fathoms below the surface stood at . .	70
" 20 " " " . .	72
" 30 " " " . .	73
" 40 " " " . .	71½
" 50 " " " . .	72
" 60 " " " . .	71½
" 70 " " " . .	71½
" 80 " " " . .	71½
" 90 " " " . .	69½
" 100 " " " . .	73
" 200 " " " . .	63½
" 300 " " " . .	56
" 400 " " " . .	52
" 500 " " " . .	49