

## XVI.

METEOROLOGICAL OBSERVATIONS MADE ON BOARD THE UNITED STATES SHIP  
VINCENNES, UNDER THE EQUATOR.

NOVEMBER 6TH, 1838.

Mean Barometer,	.	.	.	.	.	29.99
Highest at 11 P. M.	.	.	.	.	.	30.04
Lowest at 3 P. M.	.	.	.	.	.	29.94
Mean Sympiesometer,	.	.	.	.	.	29.68
Highest at 11 P. M.	.	.	.	.	.	29.74
Lowest at 4 P. M.	.	.	.	.	.	29.62
Mean temperature of air,	.	.	.	.	.	75.37°
Mean temperature of water	.	.	.	.	.	76.10°

NOVEMBER 7TH.

HOUR.	BAROMETER.		SYMPIESOMETER.		REMARKS.
	P. M.	A. M.	P. M.	A. M.	
1	29.98	29.98	29.66	29.68	Mean Barometer, . . . . . 30.00
2	29.98	29.98	29.66	29.67	Highest at 9 A. M. . . . . 30.05
3	29.96	29.98	29.63	29.68	Lowest at 3 P. M. . . . . 29.96
4	29.97	29.98	29.63	29.68	
5	29.97	30.01	29.64	29.70	Mean Sympiesometer, . . . . . 29.68
6	29.98	30.02	29.65	29.72	Highest at 8 A. M. . . . . 29.74
7	30.00	30.02	29.68	29.70	Lowest at 4 P. M. . . . . 29.68
8	30.02	30.03	29.68	29.74	
9	30.03	30.05	29.70	29.72	Mean Temp. of air, . . . . . 76.20°
10	30.04	30.02	29.72	29.69	Mean Temp. of water, . . . . . 76.18°
11	30.04	30.00	29.72	29.68	
12	29.98	29.99	29.68	29.66	