

XXVIII.

BAROMETER AND DAILY MEAN OF TEMPERATURE OF AIR AND WATER, DURING
THE CRUISE OF THE U. S. SHIP VINCENNES, NEAR THE ANTARCTIC CIRCLE, IN
JANUARY AND FEBRUARY, 1840.

DATE.	BAROM.	AIR.	WATER.	DATE.	BAROM.	AIR.	WATER.
JAN. 11	29.36 in.	32.45°	31.29°	FEB. 1	28.85 in.	30.75°	29.50°
12	28.97	32.45	30.00	2	29.26	32.45	29.41
13	28.87	32.45	30.45	3	28.74	32.04	31.33
14	29.17	32.37	31.74	4	28.50	32.80	32.75
15	28.87	32.95	31.16	5	29.23	32.58	32.62
16	28.68	33.95	30.50	6	29.21	31.17	32.75
17	28.84	30.95	31.20	7	29.00	31.00	31.90
18	28.87	32.52	31.75	8	29.14	32.16	31.75
19	28.77	32.48	31.26	9	29.19	32.18	31.50
20	28.91	31.70	32.04	10	29.08	31.83	31.75
21	29.02	34.56	31.09	11	29.08	30.12	30.00
22	29.03	25.18	30.63	12	29.15	29.00	30.03
23	29.04	26.16	30.45	13	29.08	27.75	30.20
24	29.15	26.37	30.75	14	29.15	25.29	29.90
25	29.22	23.04	28.45	15	29.28	27.00	30.80
26	29.06	25.69	29.00	16	29.33	26.58	30.20
27	29.29	26.40	28.91	17	29.16	28.79	30.00
28	29.31	25.91	28.87	18	28.91	28.58	30.00
29	28.88	28.75	29.00	19	28.76	30.12	30.75
30	29.00	26.04	28.75	20	28.97	28.00	30.62
31	28.66	29.00	29.00	21	29.06	29.08	31.70
				22	28.89	32.22	32.50
				23		35.25	35.45
				24		36.08	34.82

XXIX.

[Copy.]

U. S. Ship Peacock,
Sydney, New South Wales,
March 3d, 1840.

SIR,—

I have the honour to report the arrival of the Peacock at this port, for the purpose of making such few repairs as have become necessary, preparatory to the further prosecution of the objects of the Expedition, and avail myself of the occasion to say, that in our recent adventures south, we fell in with a barrier of ice in the latitude of 65° S., and longitude 159° E., and had followed its trendings as far as 67° S., longitude 150° E.