

THICKNESS OF SALT-WATER ICE, IN INCHES—*continued.*

Date.	NARES.	STEPHENSON.	KOLDEWEY.	BELCHER.	KELLETT.	PARRY.	PARRY.	COLLINSON.	NARES.
	Floeberg Beach. 1875-76.	Discovery Bay. 1875-76.	Sabine Island, East Greenland. 1869-70.	Wellington Channel. 1853-54.	Dealy Island. 1852-53.	Winter Harbour, Melville Island. 1819-20.	Port Bowen. 1824-25.	Camden Bay. 1853-54.	Robeson Channel. 1875-76.
March 2	—	—	—	—	—	—	73·0	72·0	—
" 5	—	—	—	62·0	—	—	—	—	—
" 6	64·0	—	—	—	—	—	—	—	—
" 15	—	—	—	65·0	84·0	—	—	—	—
" 23	—	—	—	—	—	78·0	—	—	—
" 25	—	—	—	68·0	—	—	—	—	—
" 31	—	35·5	—	—	—	—	—	—	—
April 2	—	—	—	—	—	—	82·5	72·0	—
" 4	75·0	—	—	—	—	—	—	—	—
" 10	—	—	—	66·0	—	—	—	—	—
" 30	—	39·25	—	—	—	—	—	—	—
May 1	—	—	—	—	—	—	—	84·0	—
" 4	79·25	—	—	—	—	86·5	—	—	—
" 21	—	—	79·0	—	—	—	—	—	—
" 23	75·0	—	—	—	—	—	—	—	—
" 28	—	—	—	—	—	—	—	—	49·5
" 31	—	38·0	—	—	—	—	—	—	—
June 1	—	—	—	—	—	—	—	84·0	—
" 15	—	—	—	—	—	—	—	74·5	—
" 16	75·5	—	—	—	—	—	—	—	—
" 30	—	27·5	—	—	—	—	—	—	—
July 3	72·5	—	—	—	—	—	—	—	—

## Solar Radiation, H.M.S. "Discovery," 1875-76.

THE thermometers were fixed on the floe, suspended 4 feet above the ice and 35 feet from the ship.

Wherever the observations are in consecutive hours, the first observation of the daily series is the reading of the thermometer at the time denoted, and not the maximum temperature registered since the previous observation, which the heading would denote.

## JULY 1875.

Date and Place of Observation.		Maximum Temperature registered since previous observation.		(c.) Temperature in Shade.	Difference.		Clouds.		Altitude of the Sun above the North and South horizons to the nearest degree.
		(a.) Black bulb in vacuo.	(b.) Bright bulb.		a. and b.	a. and c.	Nature of.	Amount.	
Ritenbenk:		No. 41.	No. 43.						
July 17	11 0 a.m.	101·0	69·0	52·0	32·0	49·0	st.	1	41° South. 0° 5' North.
	Noon	105·0	69·0	49·0	36·0	56·0	st.	1	
	1 0 p.m.	107·5	71·0	47·5	36·5	60·0	st.	1	
	2 0	117·0	74·0	48·0	43·0	69·0	st.	1	
	3 0	103·5	81·5	50·0	22·0	53·5	st.	1	
	4 0	103·0	76·5	48·5	26·5	54·5	st.	1	
	5 0	96·5	76·0	47·0	20·5	49·5	cir.	5	
Proven:									
July 21	1 30 p.m.	104·2	78·0	46·0	26·2	58·2	cir.-st.	2	38° South. 3° North. 32° South. 6° North.
At sea off Cape Parry:									
July 27	Noon	94·0	60·0	47·0	34·0	47·0	st.	2	
	1 0 p.m.	93·0	60·0	48·5	33·0	44·5	cir.-st.	6	
	2 0	94·0	60·0	50·0	34·0	44·0	cir.-st.	6	
	3 0	98·0	62·0	53·0	36·0	45·0	cir.-st.	6	
	4 0	94·0	57·8	51·0	36·2	43·0	cir.-st.	6	