

AUGUST 1875.

Date and Place of Observation.	Maximum Temperature registered since previous observation.		(c.) Tempe- rature 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.	
In pack ice off Cape Victoria:	No. 41.	No. 43.						
Aug. 7 8 0 p.m.	72.2	51.9	34.1	20.3	38.1	st.	2	27° South.
9 0	71.1	50.9	32.1	20.2	39.0	st.	2	6° North.
Dobbin Bay:								
Aug. 14 5 0 p.m.	83.0	53.0	34.5	30.0	48.5	cir.	4	25° South.
6 0	86.2	53.5	35.5	52.7	50.7	cir.	6	4° North.
7 0	81.0	51.5	35.5	29.5	45.5	cir.	6	
8 0	82.0	51.2	34.8	30.8	47.2	cir.	6	
9 0	79.0	52.2	34.0	26.8	45.0	cir.-st.	2	
Dobbin Bay:								
Aug. 15 7 0 p.m.	76.1	51.5	38.5	24.6	37.6	cir.	2	24° South.
8 0	77.1	50.0	37.1	27.1	40.0	cir.	2	4° North.
9 0	74.1	50.5	35.7	23.6	38.4	cir.	2	
Cape Fraser:								
Aug. 19 1 30 p.m.	83.0	54.5	35.4	28.5	47.6	nim.	6	23° South.
Cape Lieber:								
Aug. 24 11 0 a.m.	79.3	47.0	31.1	32.3	48.2	cum.	2	20° South.
Noon	82.6	47.2	31.1	35.4	51.5	cum.	2	3° North.
1 0 p.m.	82.1	48.0	32.0	34.1	49.0	cum.	2	
2 0	84.3	48.8	35.1	35.5	49.2	str.	9	
3 0	87.1	50.2	37.0	36.9	50.1	str.	9	
Discovery Bay:								
Aug. 28 11 0 a.m.	74.5	42.0	28.6	32.5	45.9	str.	10	18° South.
Discovery Bay:								
Aug. 29 4 0 p.m.	82.0	54.0	31.0	28.0	51.0	cir., st.	6	18° South.
5 0	80.8	49.2	32.0	31.6	48.8	cir., st.	6	1° North.
6 0	80.0	48.5	32.0	31.5	48.0	cir., st.	6	

SEPTEMBER 1875.

Date and Place of Observation.	Maximum Temperature registered since previous observation.		(c.) Tempe- rature 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.	
Discovery Bay:	No. 41.	No. 43.						
Sept. 4 1 0 p.m.	77.0	44.0	23.5	33.0	33.5	cir.	8	16° South.
2 0	77.2	45.0	24.1	32.2	53.1	cir.	8	
3 0	71.0	42.6	23.6	28.4	47.4	cir.	8	
4 0	68.0	41.6	—	26.4	—	cir.	8	
5 0	67.0	41.0	21.0	26.0	46.0	cir.	8	
6 0	63.0	39.0	22.0	24.0	41.0	cir.	8	
7 0	56.0	35.0	20.8	21.0	35.2	cir.	8	
„ 5 1 0 p.m.	74.5	39.5	23.2	35.0	51.3	Thick fog. Thick fog.		
2 0	74.0	39.6	21.0	34.4	53.0			
„ 11 Noon	68.6	—	16.0	—	52.6	cir.	4	13° South.
1 0 p.m.	69.0	33.8	17.0	35.2	52.0	cir.	4	
2 30	65.8	33.2	17.2	32.6	48.6	cir.	2	
4 0	61.2	32.0	14.8	29.2	46.4	cir.	2	
5 0	58.2	28.0	14.5	30.2	43.7	cir.	2	
„ 14 - - -	74.0	33.5	29.0	40.5	45.0	st., cir.-st.	3 to 9	12° South.
„ 15 - - -	53.0	39.0	34.0	14.0	19.0	st., cir.-st.	5 to 10	
„ 22 - - -	54.0	23.0	19.0	31.0	35.0	nim., st.	4 to 10	9° South.
„ 23 - - -	55.0	30.0	22.0	25.0	33.0	st., nim.	4 to 7	
„ 24 - - -	49.0	25.5	17.5	23.5	31.5	st.	4 to 7	8° South.
„ 25 - - -	53.0	24.5	17.0	28.5	36.0	st., cir.	4 to 6	
„ 26 - - -	19.0	11.0	8.0	8.0	9.0	st., cir.	6 to 7	7° South.
„ 27 - - -	27.5	15.0	13.0	12.5	14.5	st.	6 to 7	
„ 28 - - -	37.5	17.0	13.0	20.5	24.5	st., nim.	6 to 7	
„ 29 - - -	25.0	16.0	13.0	9.0	12.0	st., nim.	7 to 10	6° South.
„ 30 - - -	22.0	14.0	13.0	8.0	9.0	st.	6 to 7	