

MARCH 1876—continued.

Date and Place of Observation.		Maximum Temperature registered since previous observation.		(c.) Temperature in shade.	Difference.		Clouds.		Altitude of the Sun above the South horizon to the nearest degree.
		(a.) Black bulb in vacuo.	(b.) Bright bulb.		a. and b.	a. and c.	Nature of.	Amount.	
		No. 41.	No. 43.	No. 237A.					
Discovery Bay:		°	°	°	°	°			
March 29	10 0 a.m.	- 3.0	-16.5	-20.0	13.5	17.0	cir., nim.	3 to 10	12° Sun shining.
	11 0	- 1.5	-15.0	-18.5	13.5	17.0	nim.	10	
	Noon	+ 1.5	-13.5	-18.5	15.0	20.0	nim.	10	
	1 0 p.m.	+ 7.0	-12.0	-17.5	19.0	24.5	st.	4	
	2 0	+41.6	+ 0.5	-18.5	41.1	60.1	st.	4	
	2 30	+38.6	- 3.5	-20.0	42.1	58.6	st.	4	
	4 0	+37.0	- 2.5	-19.8	39.5	56.8	st.	4	
„ 30	5 0	+15.0	-11.0	-20.0	26.0	35.0	cir.	4	12° Sun shining.
	10 0 a.m.	+20.5	-13.0	-35.0	33.5	55.5	nim., st.	3 to 10	
	11 0	+28.2	-15.0	-33.0	43.2	61.2	st.	3	
	Noon	+34.5	-13.0	-33.0	47.5	67.5	st.	3	
	1 0 p.m.	+42.0	-10.0	-33.0	52.0	75.0	cir.	3	
	2 0	+38.0	- 9.5	-30.5	47.5	68.5	cir.	3	
	2 30	+34.5	-11.0	-32.5	45.5	67.0	cir.	3	
	4 0	+30.6	-12.3	-30.0	42.9	60.6	cir.	3	12° Sun shining.
	5 0	+19.5	-18.5	-30.8	38.0	50.3	none	0	

APRIL 1876.

Date and Place of Observation.		Maximum of Radiation, Thermometer read off at midnight.		(c.) Maximum Temperature in shade, between midnight and midnight.	Difference between		Clouds.		Altitude of the Sun above North and South horizons to the nearest degree.
		(a.) Black bulb.	(b.) Bright bulb.		a. and b. Black and bright bulbs.	a. and c. Black bulb and Temperature in shade.	Nature of.	Amount.	
		No. 40.	No. 42.	No. 422.					
Discovery Bay:									
April	1	+41.0	- 2.0	-31.0	43.0	72.0	st.	0 to 3	13° South.
	2	+40.0	- 4.0	-29.0	44.0	69.0	none	0	
„	3	+38.0	- 1.0	-30.0	39.0	68.0	st., cir.	3 to 5	14° South.
	4	+34.0	- 7.0	-23.0	41.0	57.0	st., nim.	4 to 10	
„	5	+42.0	- 5.0	-30.0	47.0	72.0	st., cir., nim.	0 to 10	
	6	+40.5	- 1.0	-28.0	41.5	68.5	st., cir.	2 to 4	15° South.
„	7	+32.0	- 1.0	-29.0	33.0	61.0	cir.-st., st.	3	
	8	+59.5	+ 9.5	-19.0	50.0	78.5	st.	0 to 2	16° South.
„	9	+57.8	+ 8.0	-19.0	49.8	76.8	st., cir.	1 to 2	
	10	+59.5	+13.0	- 2.0	46.5	61.5	st., nim.	6 to 10	On North horizon.
„	11	+40.0	+14.0	+ 6.0	26.0	34.0	st., nim.	4 to 8	17° South.
	12	+70.0	+17.0	- 2.0	53.0	72.0	st., nim., cir.	2 to 8	
„	13	+48.5	+10.0	- 9.0	38.5	57.5	nim., cir.	2 to 9	1° North.
	14	+52.5	+ 6.0	-10.0	46.5	62.5	st.	8 to 9	18° South.
„	15	+34.0	- 1.0	-18.5	33.0	52.5	st., nim.	5 to 10	
	16	+62.0	+ 5.0	-22.0	57.0	84.0	st.	0 to 4	2° North.
„	17	+64.0	+ 6.5	-20.0	57.5	84.0	st.	0 to 2	19° South.
	18	+66.0	+11.0	-15.0	55.0	81.0	st., cir.	0 to 6	
„	19	+68.0	+11.0	-13.0	57.0	81.0	st., cir.	0 to 6	3° North.
	20	+68.5	+12.0	-14.5	56.5	83.0	cir.	0 to 2	20° South.
„	21	+73.0	+15.0	-12.0	58.0	85.0	cir.-st.	2 to 5	
	22	+65.0	+14.0	-12.0	51.0	77.0	st., nim.	3 to 10	4° North.
„	23	+75.0	+19.0	- 6.0	56.0	81.0	st.	0 to 2	21° South.
	24	+78.5	+20.0	- 5.5	58.5	84.0	cir.-st.	2 to 4	
„	25	+83.0	+21.0	- 1.5	62.0	84.5	cir.-st.	0 to 3	Sun above the hills at midnight.
	26	+83.0	+29.0	+ 2.5	54.0	80.5	st., cir.	1 to 3	
„	27	+89.0	+31.0	+ 9.8	58.0	79.2	cir.	2 to 4	
	28	+69.0	+29.0	+12.0	40.0	57.0	nim.	10	6° North.
„	29	+92.0	+37.0	+13.0	55.0	79.0	nim., st., cir.	4 to 9	23° South.
	30	+56.0	+24.0	+11.0	32.0	45.0	nim.	10	