

OCTOBER 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 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.									
Discovery Bay:												
Oct.	1	-	-	-	22.8	15.0	13.0	7.8	9.8	st. nim.	6 to 10	5°
"	2	-	-	-	21.0	17.0	15.0	4.0	6.0	st. nim.	7 to 10	
"	3	-	-	-	23.0	18.0	14.0	5.0	9.0	st. nim.	6 to 10	
"	4	-	-	-	28.0	17.5	17.0	10.5	11.0	st. nim.	6 to 8	4°
"	5	-	-	-	13.0	12.2	—	0.8	—	st. nim.	6 to 10	
"	6	-	-	-	21.0	12.3	—	8.7	—	nim.	10	
"	7	-	-	-	26.0	24.6	24.2	1.4	1.8	nim.	10	3°
"	8	-	-	-	19.0	18.2	17.8	0.8	1.2	nim.	7 to 10	
"	9	-	-	-	11.0	11.0	11.0	0.0	0.0	st. nim.	3 to 8	2°
"	10	-	-	-	—	—	—	—	—	—	—	
"	11	-	-	-	23.0	10.0	10.0	13.0	13.0	st. nim.	4 to 10	

After the 14th of October the sun did not rise above the southern horizon.

MARCH 1876.

		No. 41.	No. 43.	No. 237.					
Discovery Bay:									
March 23	11 0 a.m.	+26.5	-12.0	-25.0	38.5	51.5	—	—	
	Noon	+31.5	-7.5	-26.0	39.0	37.5	cir.	4	9°
	1 0 p.m.	+34.0	-6.5	-26.0	40.5	60.0	cir.	4	
	2 0	+30.0	-10.0	-26.0	40.0	56.0	cir.	4	
" 24	10 0 a.m.	+16.0	-18.0	-30.0	34.0	46.0	cir.-st.	0 to 4	
	11 0	+28.0	-12.0	-28.0	40.0	56.0	none	0	
	Noon	+31.0	-9.0	-25.5	40.0	56.5	none	0	10
	1 0 p.m.	+34.0	-9.8	-27.0	43.8	61.0	none	0	
	2 0	+33.0	-11.5	-27.0	44.5	60.0	none	0	
	2 30	+28.0	-11.5	-27.0	39.5	55.0	none	0	
	4 0	+25.2	-12.5	-26.0	37.7	51.2	none	0	
	5 0	+10.6	-18.0	-26.5	28.6	37.1	st.	4	
" 25	10 0 a.m.	-1.0	-25.0	-33.0	24.0	32.0	st., cir.	0 to 4	
	11 0	+24.0	-13.0	-30.5	37.0	54.5	st.	2	
	Noon	+28.8	-13.0	-31.0	41.8	59.8	st.	2	
	1 0 p.m.	+33.0	-9.0	-29.0	42.0	62.0	st.	4	
	2 0	+32.0	-5.0	-29.8	37.0	61.8	st.	4	
	2 30	+27.5	-12.0	-29.0	39.5	56.5	st.	4	
	4 0	+27.0	-11.5	-30.0	38.5	57.0	st.	4	
	5 0	+12.0	-17.5	-23.0	29.5	35.0	st.	3	
" 26	11 0 a.m.	+39.0	-4.0	-23.0	43.0	62.0	none	0	11°
		No. 41.	No. 43.	No. 237A.					
" 27	Noon	+31.5	-7.6	-25.0	39.1	56.5	st., cir.	2 to 4	11°
	1 0 p.m.	+38.3	-4.0	-25.0	42.3	63.3	st.	4	
	2 0	+39.0	-4.6	-24.5	43.6	63.5	st.	4	
	2 30	+35.5	-7.0	-24.5	42.5	60.0	st.	4	
	4 0	+34.0	-6.0	-23.0	40.0	57.0	st.	4	
" 28	10 0 a.m.	+35.0	-5.0	-22.0	40.0	57.0	nim., st.	4 to 10	
	11 0	+32.5	-5.0	-22.0	37.5	54.5	st.	4	
	Noon	+40.0	-4.0	-22.5	44.0	62.5	st.	4	
	1 0 p.m.	+39.5	-4.0	-24.0	43.5	63.5	cir.	3	
	2 0	+35.5	-7.5	-26.0	43.0	61.5	cir.	3	
	2 30	+32.5	-8.5	-24.6	41.0	57.1	cir.	3	
	4 0	+31.5	-9.0	-25.0	40.5	56.5	cir.	3	
	5 0	+22.6	-9.2	-24.6	31.8	47.2	st.	3	
	6 0	+12.5	-13.0	-25.5	25.5	38.0	st.	3	