

A meteorological register had been kept for some time at the college, under the superintendence of Mr. Baker, the Wesleyan missionary; he was kind enough to supply a copy of it, and as it may be useful, the chief results are appended.

METEOROLOGICAL TABLE compiled from observations made during the years 1872-74, by the Rev. J. Baker, at the Mission House, Nukalofa, Tongatabu.

Barometer readings reduced to 32° and sea level.

MONTH.	BAROMETER.		Mean Temp. in shade.	Mean daily Range of Temp.	Max. Temp. in shade registered.	Min. Temp. in shade registered.	Clouds—0 to 10 Mean Amount.	RAIN.		WIND.										No. of days Gales.	No. of days Fogs.	
	Mean Height.	Ext. Range.						Total Fall.	No. of days.	Av. Hourly velocity.	NO. OF DAYS FROM											
											N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm			
JANUARY,	in. 29.830	° 33	77.6	15.4	90.0	51.7		m. 9.16	10	miles 4.0	10	12	2	2	2	1	0	2	0			
FEBRUARY.	29.750	37	79.0	15.1	98.0	51.0		6.83	11	3.5	7	8	3	2	3	1	1	3	0			
MARCH.	29.890	34	77.1	16.8	89.2	51.0		6.36	8	4.2	4	8	9	3	2	1	2	2	0			
APRIL,	29.890	49	75.5	14.8	89.7	57.0		10.35	11	1.8	7	7	5	2	3	1	1	4	0			
MAY,	29.950	37	72.7	15.0	89.7	50.5		8.20	9	2.7	7	9	7	4	2	0	1	1	0			
JUNE,	30.020	37	70.2	17.4	90.5	50.0		8.10	9	2.3	1	5	4	9	6	1	1	3	0			
JULY,	29.930	44	69.2	18.4	90.0	50.2		1.66	3	2.4	6	3	10	4	5	1	1	1	0			
AUGUST,	29.970	42	68.5	15.4	82.7	51.2		3.66	6	3.4	4	4	4	4	9	0	1	1	4			
SEPTEMBER,	29.990	37	68.6	15.8	82.7	51.2		7.07	8	4.2	6	1	11	5	5	2	0	0	0			
OCTOBER,	29.930	23	71.7	14.4	88.2	52.2		7.18	5	3.8	4	7	13	4	1	0	0	2	0			
NOVEMBER,	29.940	43	72.7	15.7	88.0	56.2		3.57	7	3.5	1	12	11	2	2	0	0	0	2			
DECEMBER,	29.890	21	74.7	15.1	88.7	54.0		4.45	10	3.8	6	12	7	4	1	0	1	0	0			
MEANS AND TOTALS,	29.915	49	73.1	15.7	98.0	50.0		77.59	97	3.3	63	88	86	45	41	8	9	19	6			

The water on Tongatabu is scanty and not good, owing to the flatness of the land and the absence of streams. The water in all the wells which have been dug is brackish, owing to the percolation of the sea water through the coral reefs.

The landing place is between the King's House and the Church on the hill; at high water a gig can reach the shore through a narrow channel cut in the reef, but at low water this is impracticable. A "hard" of loose stone has, however, been constructed from the beach to the outer edge of the reef to facilitate communication at low water.

The observing station chosen by the Expedition was the church on the hill at Nukalofa, as the observers were there less disturbed than elsewhere. It may be as well to mention that at Tongatabu the day is the same as in Australia, that is, that although the island is in west longitude, and the inhabitants should, properly speaking, reckon time as slow on Greenwich, they reckon it fast on Greenwich, or for the longitude of 184½° E.

At the time of the ship's visit a schooner ran between Tongatabu and Sydney about every two months.