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OBSERVATIONS AT HONOLULU.

Through the kind cooperation of Mr. Curtis J. Lyons, Meteorologist to the Government Survey, the monthly report of meteorological conditions at Honolulu is now made partly in accordance with the new form, No. 1040, and the arrangement of the columns, therefore, differs from those previously published.

Meteorological Observations at Honolulu, April, 1901.

The station is at 21° 18′ N., 157° 50′ W.
Hawaiian standard time is 10h 30m slow of Greenwich time. Honolulu local mean time is 10h 31m slow of Greenwich.
Pressure is corrected for temperature and reduced to sea level, and the gravity correction, —0.06, has been applied.
The average direction and force of the wind and the average cloudiness for the whole day are given unless they have varied more than usual, in which case the extremes are given. The scale of wind force is 0 to 12, or Beaufort scale. Two directions of wind, or values of wind force, or amounts of cloudiness, connected by a dash, indicate change from one to the other.
The rainfall for twenty-four hours is measured at 9 a. m. local, or 7.31 p. m., Greenwich time, on the respective dates.
The rain gage, 8 inches in diameter, is 1 foot above ground. Thermometer, 9 feet above ground. Ground is 43 feet, and the barometer 50 feet above sea level.

Date.	Pressure at sea level.	Temperature.		During twenty-four hours preceding 1 p. m. Greenwich time, or 2:30 a. m. Honolulu time.									Total rainfall at 9 a. m., local time.
				Temperature.		Means.		Wind.		Average cloudiness.	Sea-level pressures.		
		Dry bulb.	Wet bulb.	Maximum.	Minimum.	Dew-point.	Relative humidity.	Prevailing direction.	Force.		Maximum.	Minimum.	
	*	†	†			‡	‡		§				
1	30.07	74	67.5	82	67	66.5	73	e-sw.	1	3-8	30.11	29.97	0.04
2	30.04	73	65.5	81	73	64.7	69	ne.	4	5	30.10	30.00	0.01
3	30.02	72	65.7	79	70	64.3	72	n-nne.	3-1	5-10	30.10	29.99	0.04
4	30.07	72	65	79	70	62.3	66	ne.	4	3	30.09	30.00	0.00
5	30.08	72	65	78	70	61.7	65	ne.	5	3	30.13	30.04	0.00
6	30.03	73	65.5	78	71	62.3	67	ne.	4-2	5-10	30.13	30.04	0.03
7	30.02	66	64.7	80	71	65.0	75	ne-se.	3-0	5-10	30.08	29.99	0.24
8	29.97	64	63.3	79	64	64.5	77	s-w-ne.	0-1	8	30.04	29.91	0.01
9	29.97	66	65	80	63	65.3	82	se-n.	2-0	4-9	30.03	29.91	0.72
10	29.98	74	68	79	64	64.5	77	nne.	1	10	30.03	29.93	0.08
11	30.00	73	66.5	79	68	65.0	73	ene.	3	10-6	30.06	29.98	0.05
12	30.02	72	66.5	80	72	64.3	68	ne.	3-5	6-10	30.06	30.00	0.09
13	29.99	72	66.5	79	71	64.3	72	ne.	4	6	30.07	29.97	0.20
14	30.01	68	66	79	70	65.0	72	ne.	3	4	30.06	29.99	0.43
15	29.99	72	66	80	68	64.5	77	ne.	2	8-3	30.07	29.97	0.22
16	30.02	72	66	78	69	64.3	75	ne.	3	8-3	30.07	29.98	0.25
17	30.02	72	63.5	78	70	63.0	70	ne.	3-5	4	30.09	30.02	0.06
18	30.03	72	66	78	71	60.5	62	ne.	5	2	30.09	30.00	0.00
19	29.97	68	64	79	71	60.3	63	ne-nne.	4-2	3	30.08	29.98	0.01
20	29.99	66	64	80	63	63.0	73	ne.	2-0	3-0	30.04	29.94	0.00
21	29.96	63	61.7	79	65	63.3	77	sw-n.	1-0	4-8	30.03	29.95	0.03
22	29.87	65	63.7	80	62	62.5	76	sw.	0-2	7-1	29.96	29.88	0.00
23	29.84	66	64	80	63	63.5	76	sw-n.	0-1	1	29.89	29.80	0.00
24	29.92	71	65	82	64	64.0	73	sw-ne.	0-2	5	29.98	29.88	0.00
25	29.99	71	63.5	81	68	62.0	65	nne.	2	3	30.02	29.92	0.00
26	29.95	71	64	79	70	59.7	62	nne.	4-2	2	30.04	29.93	0.00
27	29.89	72	66.5	79	70	62.0	68	nne.	3	4	29.96	29.89	0.00
28	29.88	67	65	80	69	65.0	72	ene.	2	5-10	29.96	29.88	0.60
29	29.92	64	63.3	77	63	63.5	77	w-ne.	1	10	29.93	29.87	0.00
30	29.99	68	66.5	80	64	65.0	79	sw-n.	1-0	8	30.03	29.95	0.00
Sums	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3.11
Means	29.983	69.7	65.2	79.5	67.8	63.5	72.0	.....	2.3	5.4	30.045	29.958	.....
Departure	—.021	.....	.....	.....	.....	+0.2	+0.5	.....	.....	+0.3	.....	.....	+0.3

Mean temperature for April, 1901 (6 + 2 + 9) ÷ 3 = 73.0; normal is 72.8. Mean pressure for April, 1901 (9 + 3) ÷ 2 = 29.999; normal is 30.020.

*This pressure is as recorded at 1 p. m., Greenwich time. †These temperatures are observed at 6 a. m., local, or 4.31 p. m., Greenwich time. ‡These values are the means of (6 + 9 + 2 + 9) ÷ 4. §Beaufort scale.