

TABLE IV.

Of the Mean hourly excess shewn by a Black-bulb Mercurial Thermometer sheltered by Glass over a clean Thermometer in the Shade, for the twenty-eight last days of May 1826 (from fourth to thirty-first day inclusive).

Hours.	Mean heat in the Shade.	Excess of Black-bulb in the Sun.	
		Mean.	Maximum.
8 A.M.	+ 36.25	29.42	38.8
9 ...	39.70	23.84	38.5
10 ...	40.51	26.59	42.0
11 ...	42.14	30.10	44.0
Noon.	43.27	30.74	49.8
1 P.M.	43.51	30.16	49.5
2 ...	43.36	26.27	43.7
3 ...	43.42	23.70	40.5
4 ...	43.04	21.14	38.4
5 ...	42.75	18.59	32.0
6 ...	41.39	15.56	46.0

An observation made at 5 A.M. from the 4th to the 17th inclusive, yields a mean excess of the black-bulb of 6.29°, and a maximum of 22.5°; and one at 4 A.M. from the 18th to the end of the month, a mean for the 14 days of 6.36°, and a maximum of 22°. The mean temperature for the whole 28 days at 4 A.M. was +32.35°, and at 5 h., +33.51° F.

TABLE V.

Containing similar Observations for 21 last days of July 1826.

Hours.	Mean heat in the Shade.	Excess of Black-bulb in the Sun.	
		Mean.	Maximum.
8 A.M.	+ 56.45	18.93	35.5
11 ...	59.74	23.90	36.5
2 P.M.	65.38	24.40	34.5
5 ...	56.08	16.75	30.0
6 ...	51.00	3.62	23.0

TABLE VI.

August 1826.

8 A.M.	51.73	18.17	37.0
11 ...	56.83	23.08	41.5
2 P.M.	56.88	21.68	40.0
5 ...	52.63	13.37	34.5
6 ...	48.89	3.69	23.5

The observations for July and August were made by Mr Dease at intervals of 3 hours, but as he had no watch to regulate his time, the hours could not be very accurately kept. He was accustomed to judge of the time of day by the position of the sun, and a meridian line was traced, by which he could ascertain noon.