

much trouble to ascend it. They said that I must be in pursuit of gold and silver, or something to sell for money, as I never would take so much trouble, and spend so much money, unless it were to acquire great riches. In the morning Dr. Judd had religious service with the natives, and the day was passed without work. It was a most beautiful day: the atmosphere was mild, and the sun shone brightly on all below us. We enjoyed a clear and well-defined horizon, the clouds all floating below us in huge white masses, of every variety of form, covering an area of a hundred or more miles; passing around as they entered the different currents, where some acquired a rotary motion that I had never before observed. The steam-cloud above the volcano was conspicuous, not only from its silvery hue, but by its standing firm, like an immense rock, while all around and beneath it were in motion. The vault overhead was of the most cerulean blue, extending to and blending with the greenish tint of the horizon; while beneath the clouds, the foreground and distant view of the island was of a dark green. The whole scene reminded me of the icy fields of the Southern Ocean; indeed the resemblance was so strong, that it seemed only to require the clouds to have angular instead of cumular shapes, to have made the similarity complete. It was perceived, that as masses of clouds met they appeared to rebound, and I seldom saw them intermingle; they would lie together with their forms somewhat compressed, and their outlines almost as well preserved as when separated and alone. After three o'clock, when the sun was retiring, the clouds advanced up the mountain-side, and finally we became immersed in them. This happened on both days at nearly the same hour.

During the day, I succeeded in obtaining sets of observations for latitude and longitude. I experienced for the first time much fatigue in holding the instruments. The barometer and thermometer were observed throughout the day at the hours arranged with the observatory at Hilo.

In the evening we were much gratified at receiving fifteen gallons of water, which the natives had brought ten miles in open-mouthed vessels, over the rough mountain roads: this they do by placing some fern-leaves on the top of the water, when it carries as well as a solid, and will bear much agitation without spilling. Though a very small supply for our necessities, it was a great satisfaction to know that it was now within reach of us. Partially relieved from this pressing difficulty, our attention was turned to the fuel, and I at once saw the necessity of providing some means for procuring a supply, as we were now at one of the last points where it was to be obtained. We were