

Friday 28
pleasant
cloudy
little rain

Buoy at observatory. - In the evening H. I. King arrived from Caspary without having accomplished the object of his mission - the triangulation of some mountain peaks which are to serve as reference points for the photogrammetric work now being done by Drury. - In the evening we were at the observatory but it was too cloudy to observe. Afterwards we were in my room discussing our summer work.

Saturday 29
fine
warm

I am beginning a series of comparisons between our sidereal clock (kept in the basement of the hotel) & my chronometer to determine its rate - that is its constants - Compensation constant - temperature & rate of Compensation. - At night attempted to observe for personal equation but it was too cloudy. -

Sunday 30
mild, cloudy
windy
night rain

Buoy writing etc. At night King & I attempted to observe but just as we were ready to take our first transit it began to rain & stopped further work. Thereafter we spent the evening at Mr. W. Kesper's where was also Mr. A. M. Stanton. -

October

Monday 1
pleasant

Every three hours I make comparisons on the chronograph of my chronometer & the sidereal clock for rate. - In the afternoon saw McDonald the carpenter for having boxes made for the new transit & reflector. This King should have attended to long ago but as usual he procrastinated. - George Erb was in the observatory and interested in what he saw and heard. The night was clear and King & I got successful observations for personal equation. -

Tuesday 2
fine
light clouds
windy

Buoy sealing tapes etc. I find my whole time occupied with my work, for I cannot bear to leave anything undone - tapes must be sealed, observations copied etc. I want every day's work in shape & filed (save computation) ere the next day's work begins. - It avoids confusion & frequently uncertainty. - We observed for personal equation, the sky was hazy & turned to cloudy so that the last set we missed completely.