

the erection of an observatory at Ottawa—"an efficient transit room to start with."

November 9, 1887, Klotz to Surveyor General, sending photograph of Brashear's 8½-inch reflector, cost \$300, which the former was prepared to buy himself for observation of occultations in conjunction with Ogilvie's observations on the Yukon, near the 141st meridian. The Department bought the reflector.

It may be noted that at this time both the Surveyor General, E. Deville, and the Chief Inspector of Surveys, W. F. King, were permanent officers of the Department, were in the Inside Service, while the writer was on day pay and not resident in Ottawa, although Ottawa was his official headquarters.

On February 22, 1888, the writer submitted a long letter to the Surveyor General on the subject of the erection at Ottawa of an astronomic observatory. The letter was signed jointly by W. F. King and the writer. It was approved by the Surveyor General and forwarded to the Deputy, who submitted it for favorable consideration to the Minister.

On February 27, 1888, five days after the above letter, the Surveyor General submitted a long memorandum on the same subject—advocating a permanent observatory at Ottawa—to the Deputy; the latter asked the former to obtain the concurrence of King and Klotz, which was gladly given, Klotz, however, writing that he considered the estimate of cost too low. The Deputy (A. M. Burgess) was throughout favorable to the proposition.

Due to the untimely death of the Minister, the Hon. Thos. White, April 21, 1888, the Deputy wrote to the Surveyor General that "our late Minister had not taken any action upon this before his death," and asked Deville to keep the subject in mind when the new Minister of the Interior would be appointed.

Early in 1888, the new Cooke & Sons transit, 3-inch aperture, 34-inch focal length, was received, and was mounted by the writer at the new observatory (Princess Street) at Winnipeg, May 31, 1888; also a sidereal clock with electric attachments, which was set up in the basement of the Clarendon Hotel, Winnipeg. The Brashear equatorial also was set up at Winnipeg. During this