Friday April 17th 1891

1:00 in cave

We got out of the cave at 1:00 a.m. & went to bed immediately. Father went to Hot Spring with J. C. West this morning, & got back about 5:00 P.M. I went over to Capt Willis this afternoon to make an exploration of the map to Mr. Belle who is going to Chicago this afternoon, I now have 209 different kinds of rock in my geological collection

Saturday April 18th 1891

I just had time to get wood enough cut to last a day or two when it began to rain (about 11:00 a.m.) & it is raining yet. I have staid in the house all day but Elmer & father have been gone most of the afternoon.

Sunday April 19th 1891

5:00 in cave — Cataract Route 1 trip

About 10:30 a.m. Joseph Dubuniel & Mr. Oscar Huff came over from Willards to go in the cave. At 11:00 a.m. Mr. Huff, Mr Dubuniel, Elmer & I started in the cave. We were going on an exploring trip in the cataract Route, and explored the passage that I discovered on the 8th inst. From near Turtle Room we started directly South, first turning to the right into a small room & then to the left into a large one. in this room I saw the most beautiful lime formation that I ever found, We named it the "Chamber of Frost" & it is a very suitable name, for single shreds of frost sometimes attain