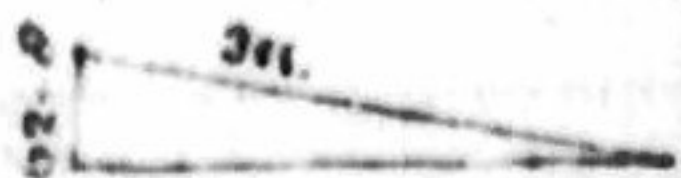


Sept. 5.  
1776. a great fire in the horizon (supposed to be a house on fire) S. 86° - 30' E.

Mr. Jamieson's experiments on the quantity of rain falling at York & Wm. burg  
from 1773. to 1779. inclusive, viz. 7. years. averages 47.9. a year.

1781. Aug. 18. By a very accurate measure with the <sup>lines</sup> scale of a foot belonging to my pocket instruments  
from the surface of the level to upper surface of curb of well 3 - 2.25  
from upper surface of the curb to surface of the water . . . . . 64 - 4.6  
from surface of water to bottom of the well . . . . . 1 - 6.5  
Total from surface of level to bottom of well . . . . . 65 - 10.35

then by a trial, which tho' not absolutely accurate yet was tolerably so, I found  
that the 2<sup>d</sup> terras of the figs (it's surface) <sup>near the p. E. end</sup> is in the level of the bottom of  
the well, and distant from the center of the well 311. feet measuring  
on the surface of the ground. an Adit to the well then would be  
304.79. horizontal measure. some deduction however should be made  
from this on account of the curvature of the line measured on the ground  
which has been here calculated on as if it were straight.



1791. The well has failed this year. it has been the driest summer since 1755.  
Billis' mountain & the Slate river mountain make an angle of 25° - 26' from Edge-  
-hill.

1797. the well has failed this summer. the spring & summer remarkably dry till July. then dry  
again from August.

1799. Sep. 11. the well had got very low this summer (which was dry) so as not always to fur-  
-nish clear water for drinking, nor water for washing. from the 20<sup>th</sup> to the 22<sup>nd</sup> days  
were 3. days of heavy rain. again from Sep. 2. to 10. were the most constant & heavy  
rains in this neighborhood which were ever known in the memory of man. at the  
end of that time there were 28. feet depth of water in the well. the wells in the  
neighborhood were raised nearly as much. the water perfectly clear and  
fine.

1810. May. the well is found to have in it a plenty of water, and very fine: it had been several  
years out of use.