From the data given, it is clear that due to the probe chain lengths increasing for data sets where the base is close to 1 or the size of the hash table, that these values deviate further away from the promise of a time complexity O(1), instead you find that they approach a time complexity of O(N) where N is the number of elements inserted, this means for each subsequent piece of data, the length taken to insert it will drastically increase. The reason why there are not a lot of collisions appearing for data sets that were unable to finish before 2 minutes is because it could not get through all the data, hence the collisions only count a small portion of what the total collisions for the file may be.

The reason why the number of rehashes always remained 0 for this test is because the data given never exceeded the size of the hash table, hence the check full function always returned false and never called for the rehash.