Code

```
#include "library.h"
#include <fstream>


void main()

{make_window(675, 253);
set_pen_width(5);
set_pen_color(color::black);
draw_distance();
ifstream fin;
fin.open("usamap1.txt");

for
        (const ll =32;  x = 0; zz=0, !fin.eof () || ll > 0 )

 {make_window(675, 253);
fin.open('usamap1.txt');
string state;
fin >> state;

//While Loop

for
        (zz = 0, q = -56, x = 700, y = 280 ; zz != 1
        (zz++, x = x/x+q, y = y/y+q)
if (zz > 0)
{draw_to(x, y);}

else
{make_window(675, 253);
set_pen_width(15);
move_to(x, y);}
fin >> x >> y;}
```

```cpp
    cout << x << y <<endl;}
fin.close();
cout << endl;



const year;
move_to(200,200);
cin >> year;
cout << endl;
fin.open(to_string(year));


for
        (x = 0, xx = 0; !fin.eof();
{fin >> st;

else
{fin >> storm >> st;
cout << storm << endl;}}

cout << << endl;
cin >> hur;
fin.close();
fin.open(to_string(year)+".txt");

for( x=0,y=0,xx=0,z=0 !fine.eof();)

{fin >> st;

if (x == 0)
        {fin >> storm >> st >> st >> y >> x >> xx >> xx;

        {if (zz == 1)

{move_to(x*1250-10, y*500-10);
set_pen_color(color::black);
set_pen_width(5);
set_font_size(15);
write_string(hurr);}

        if (st == "QS")
{set_pen_color(color::orange);}
        if (st == "HU")
```

```cpp
{set_pen_color(color::orange);}
        if (st == "LO")
{set_pen_color(color::grey);}
        if (st == "TD")
{set_pen_color(color::yellow);}
        if (st == "TS")
{set_pen_color(color::green);}



        if (zz > 1)
        {make_window(500,500);
        set_pen_width(5);
        set_pen_color(color::black);
        draw_to(x*-10+700, xx*-10+280);}

        else
        {move_to(x*-10+700, xx*-10+280);}}}
        else
        {zz*=0;y*=0;

        fin >> storm >> st;
        if (storm == hur)
        {storm!=xx
        storm == hur;}}
        fin.close();}}
```

Output