```cpp
#include <iostream>
#include <gps.h>

int main()
{
    // Open GPS connection
    gps_data_t gpsData;
    if (gps_open("localhost", "2947", &gpsData) == -1) {
        std::cerr << "Failed to open GPS connection." << std::endl;
        return 1;
    }

    // Enable streaming of GPS data
    gps_stream(&gpsData, WATCH_ENABLE | WATCH_JSON, NULL);

    // Main loop to read and process GPS data
    while (true) {
        // Wait for new data
        if (gps_waiting(&gpsData, 500)) {
            // Read the data
            if (gps_read(&gpsData) == -1) {
                std::cerr << "Failed to read GPS data." << std::endl;
                break;
            }

            // Check if fix data is available
            if (gpsData.status == STATUS_FIX) {
                // Get latitude and longitude
                double latitude = gpsData.fix.latitude;
                double longitude = gpsData.fix.longitude;

                // Print latitude and longitude
                std::cout << "Latitude: " << latitude << std::endl;
                std::cout << "Longitude: " << longitude << std::endl;
            }
            else {
                std::cerr << "No GPS fix available." << std::endl;
            }
        }
```

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    }

    // Close GPS connection
    gps_stream(&gpsData, WATCH_DISABLE, NULL);
    gps_close(&gpsData);

    return 0;
}
```

This code uses the **gps_open** function to open a connection to the GPS sensor. It then enables the streaming of GPS data using **gps_stream** with the **WATCH_ENABLE** and **WATCH_JSON** flags. Inside the main loop, it waits for new data using **gps_waiting** and reads the data using **gps_read**. If a valid fix is available, it retrieves the latitude and longitude from the **gps_data_t** structure and prints them to the console.

Make sure to link against the **libgps** library when compiling the code. The library can be installed using the package manager of your operating system (e.g., **libgps-dev** on Debian-based systems).

Note that this code assumes that the GPS daemon (**gpsd**) is running on the local machine, listening on port 2947. Adjust the parameters passed to **gps_open** according to your setup if necessary.