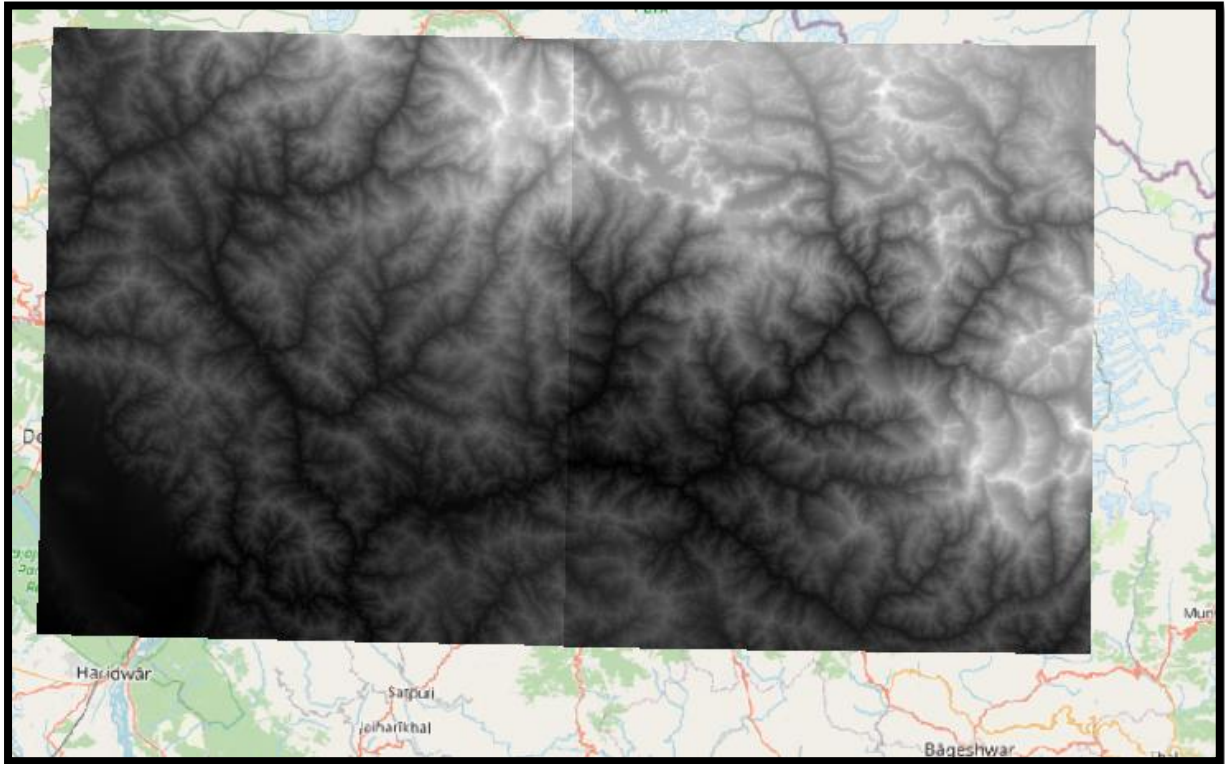
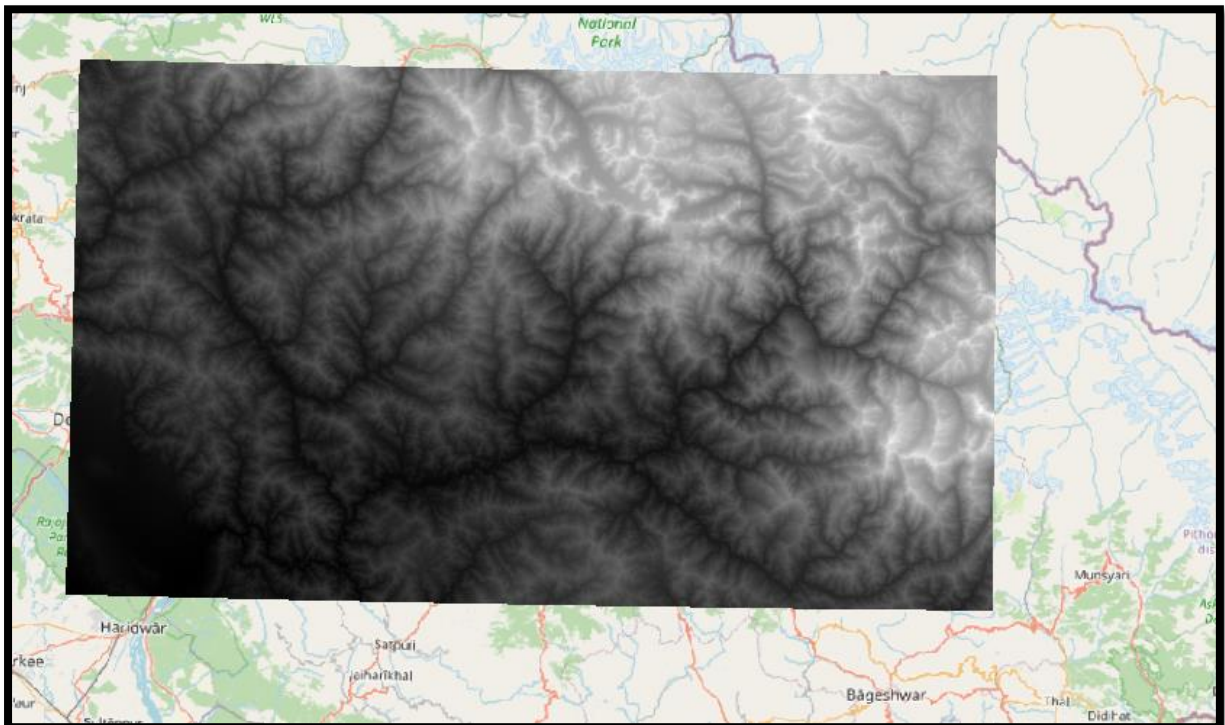


FINAL MAP PROCESS

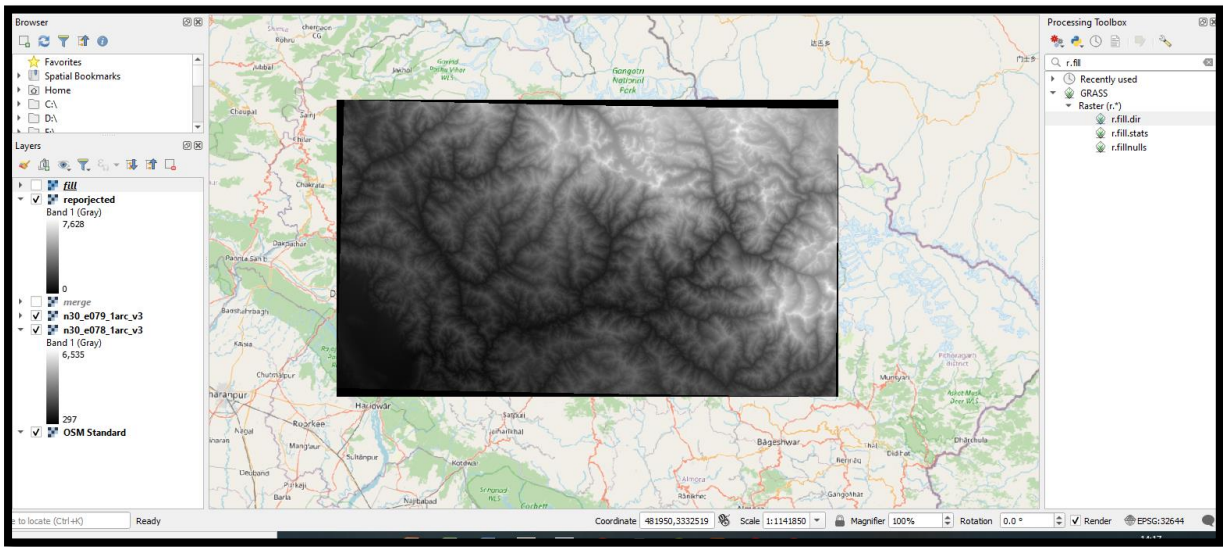
1. Geotiff file



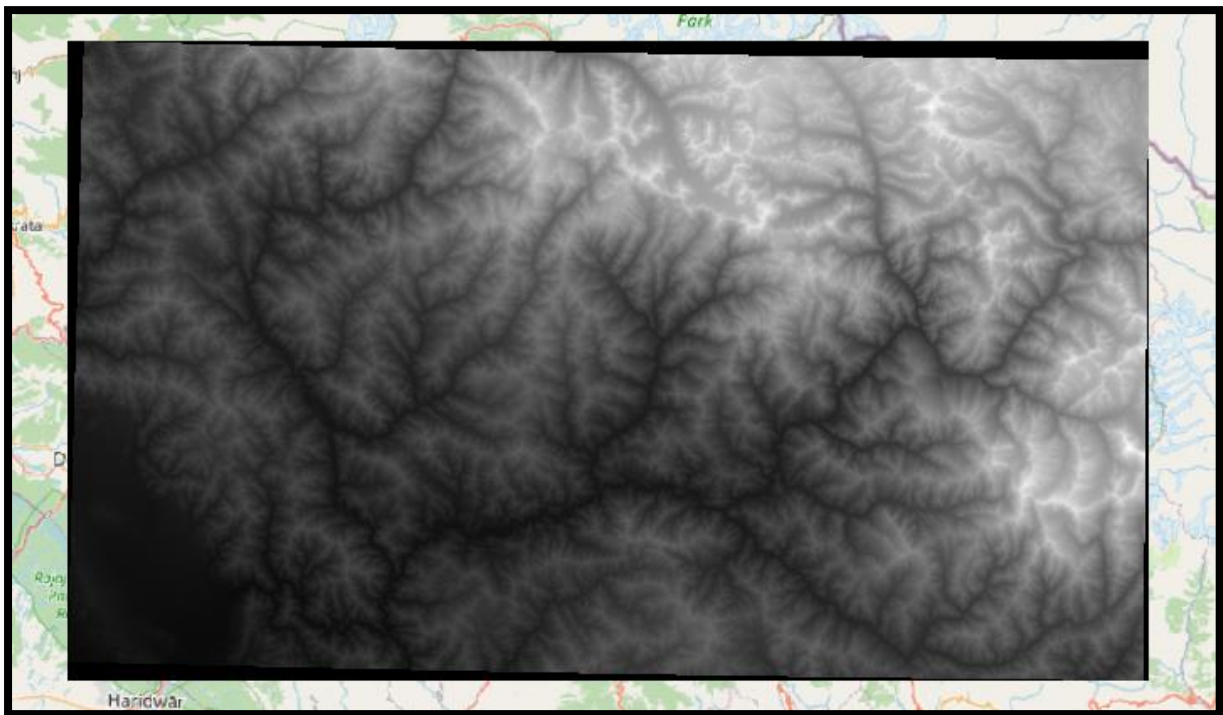
2. Merge Both files



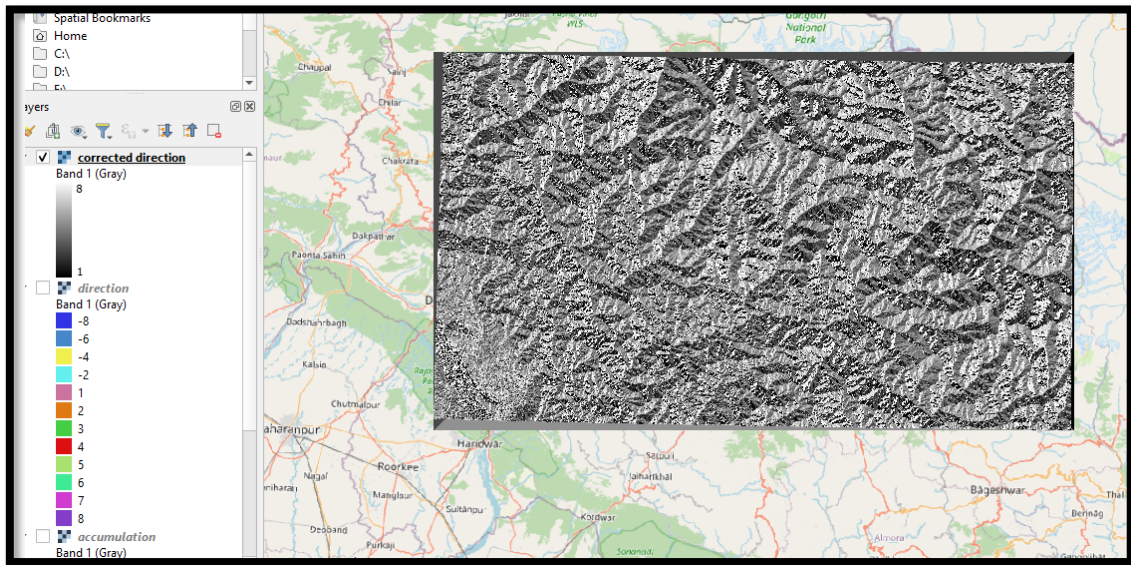
3. Reprojected files (UTM44N)



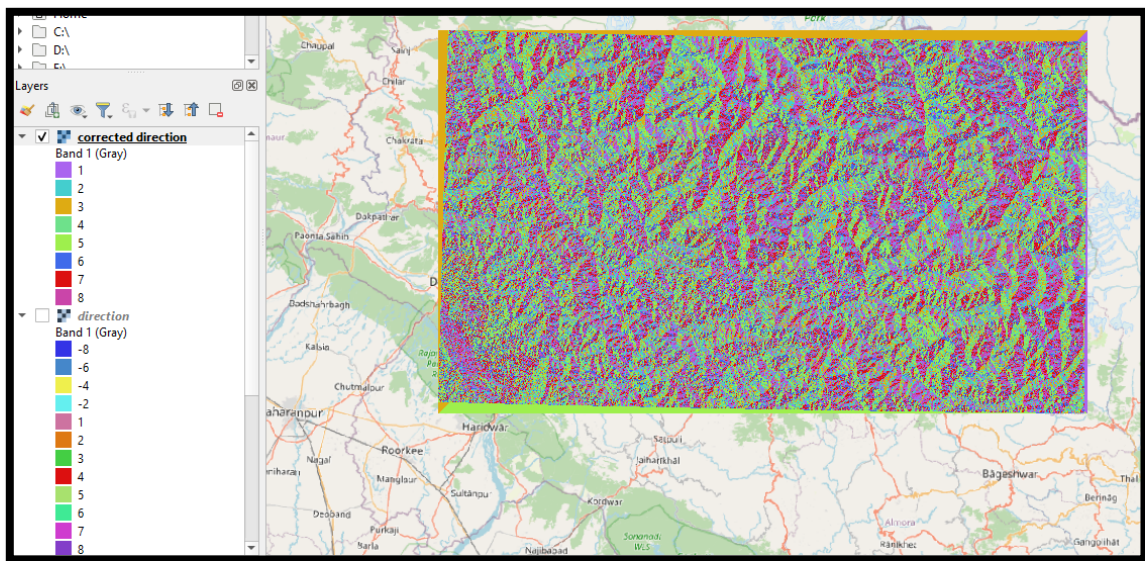
4. Fill Sink (Error remove)



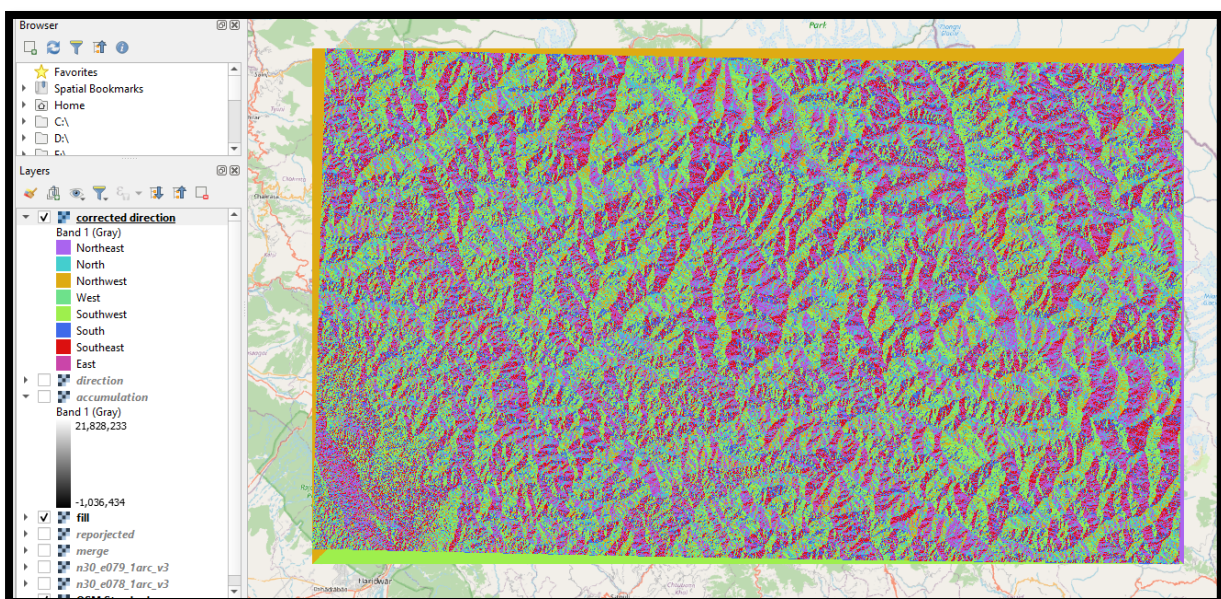
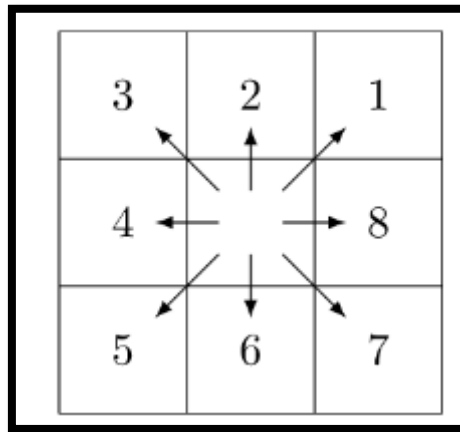
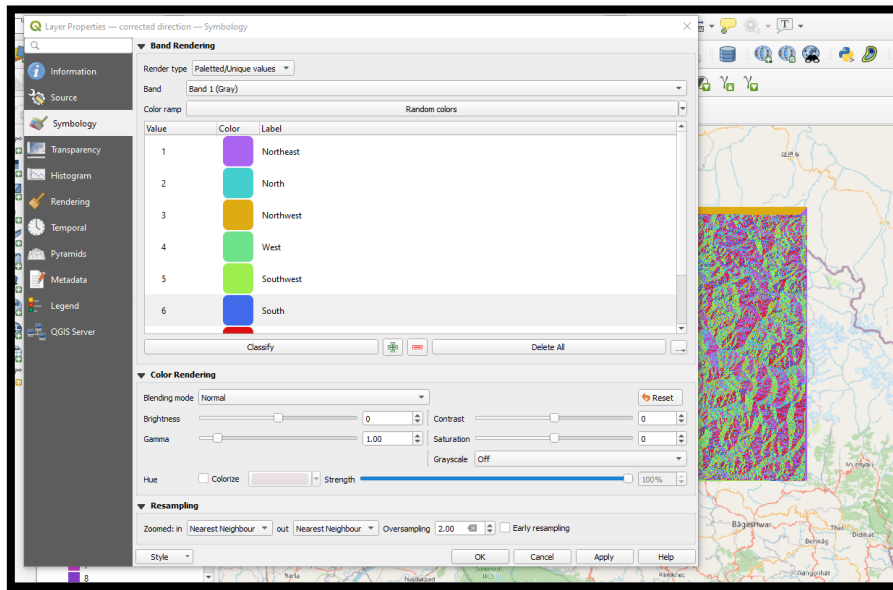
5. Correct Direction Using Raster calculator



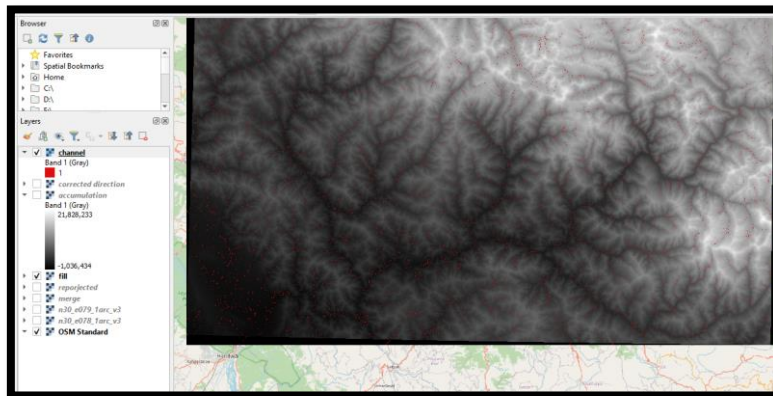
Paletted/Unique value colour



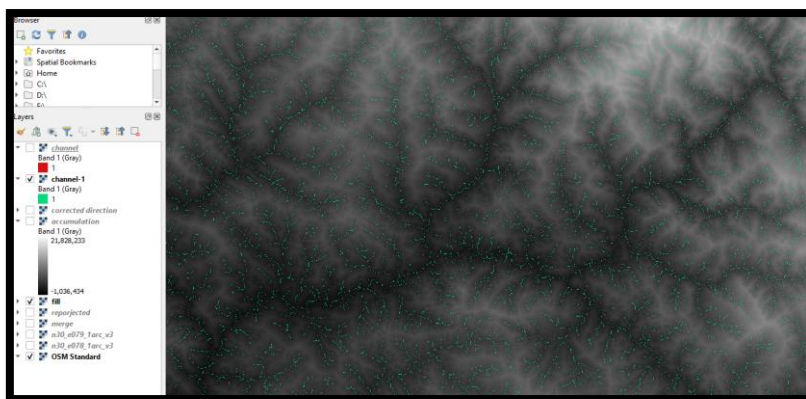
6. Change direction



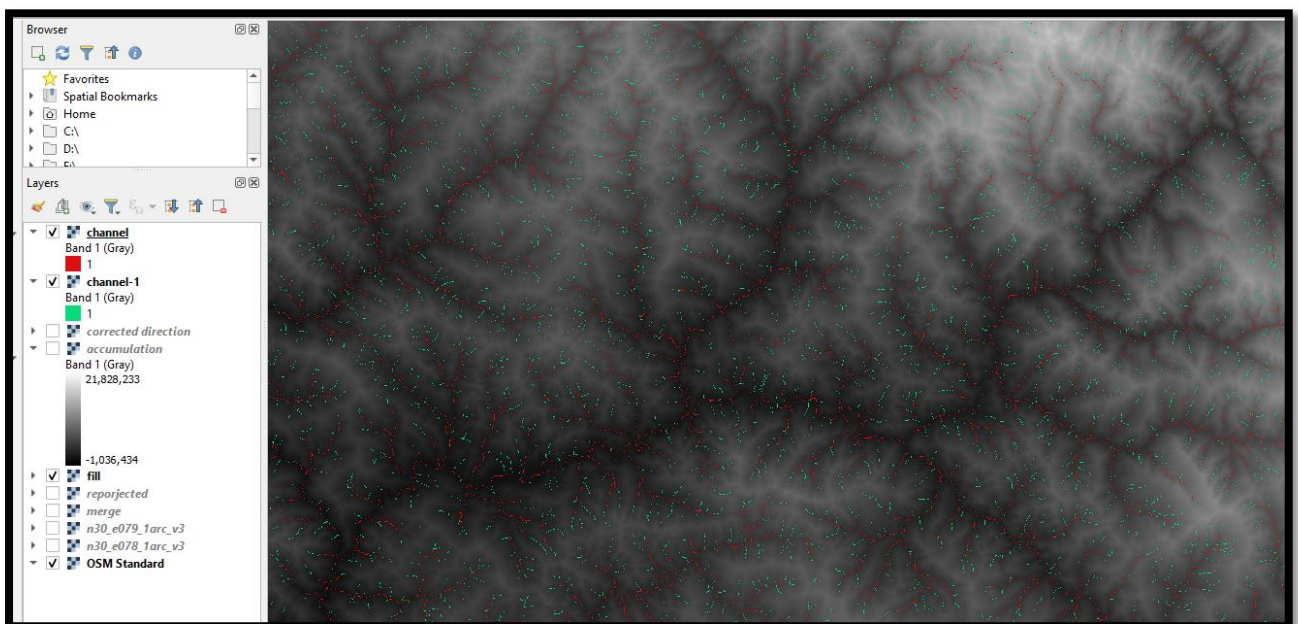
7. Flow Accumulation (threshold>5000)



8. Flow Accumulation (more finner) (threshold>1000)

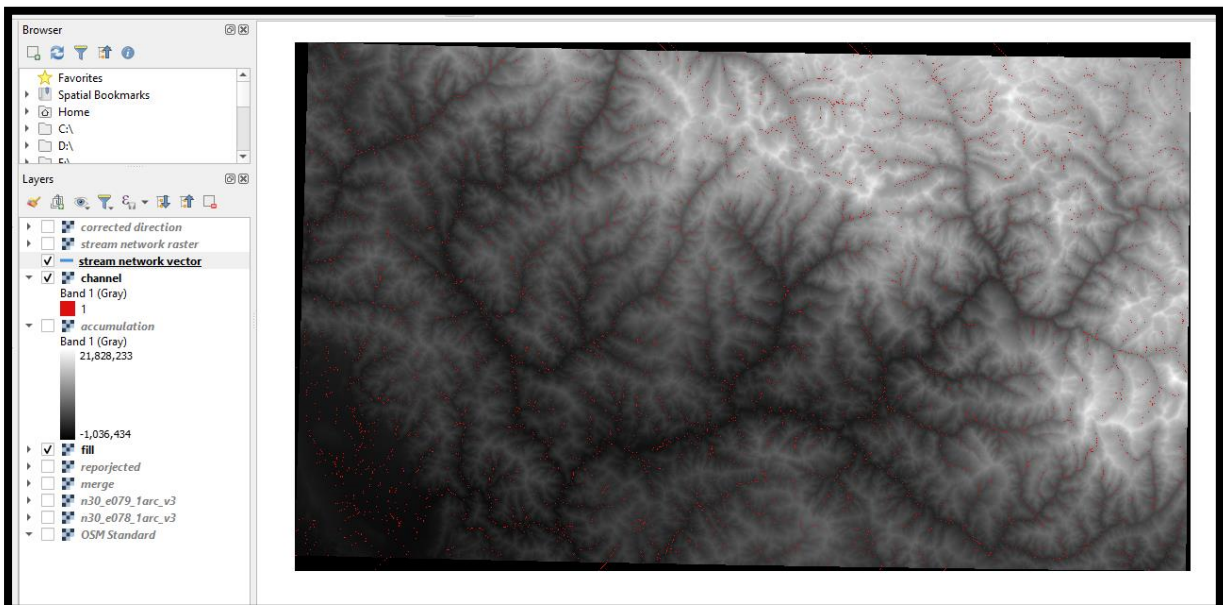
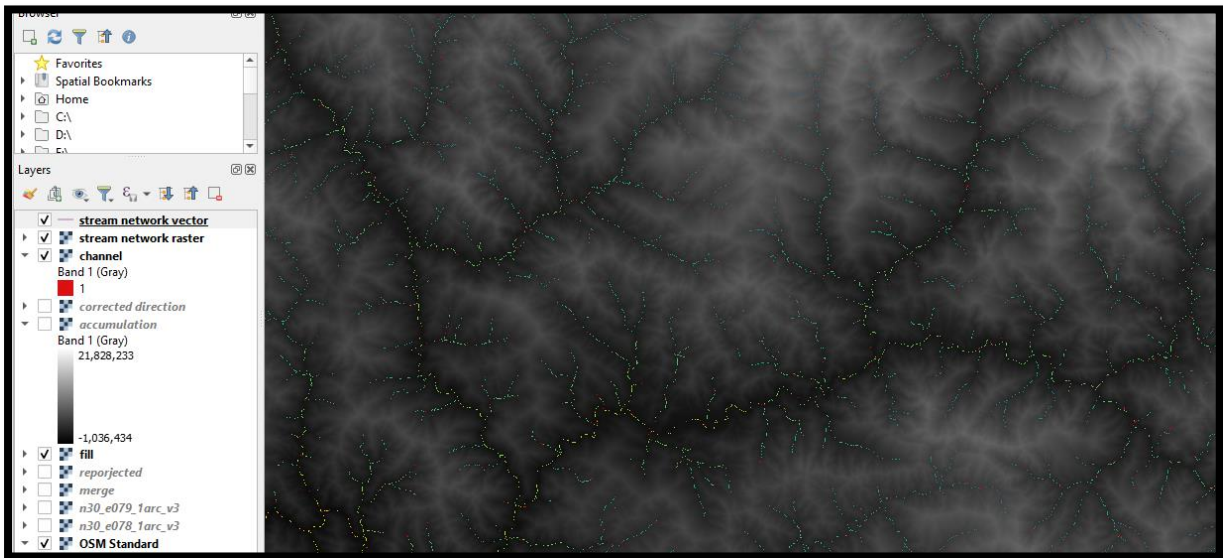


Compare 5000 and 1000 threshold Lines



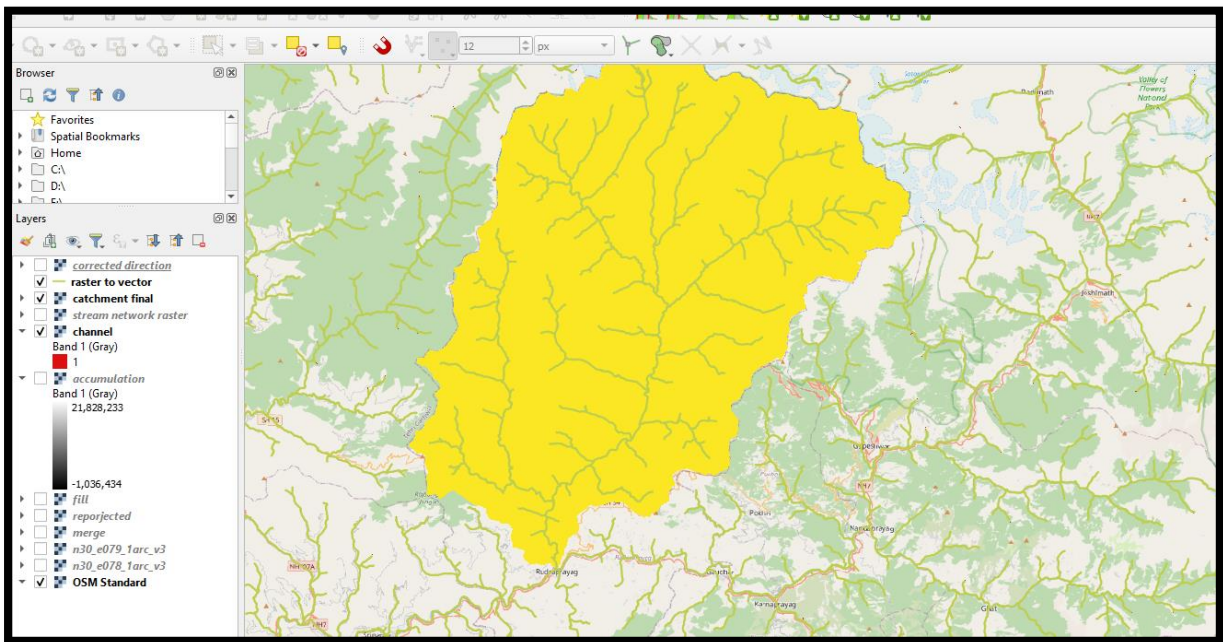
Note: As per My research I am using 5000 threshold River Network

9. Stream Network extract from DEM file (Raster and Vector File)

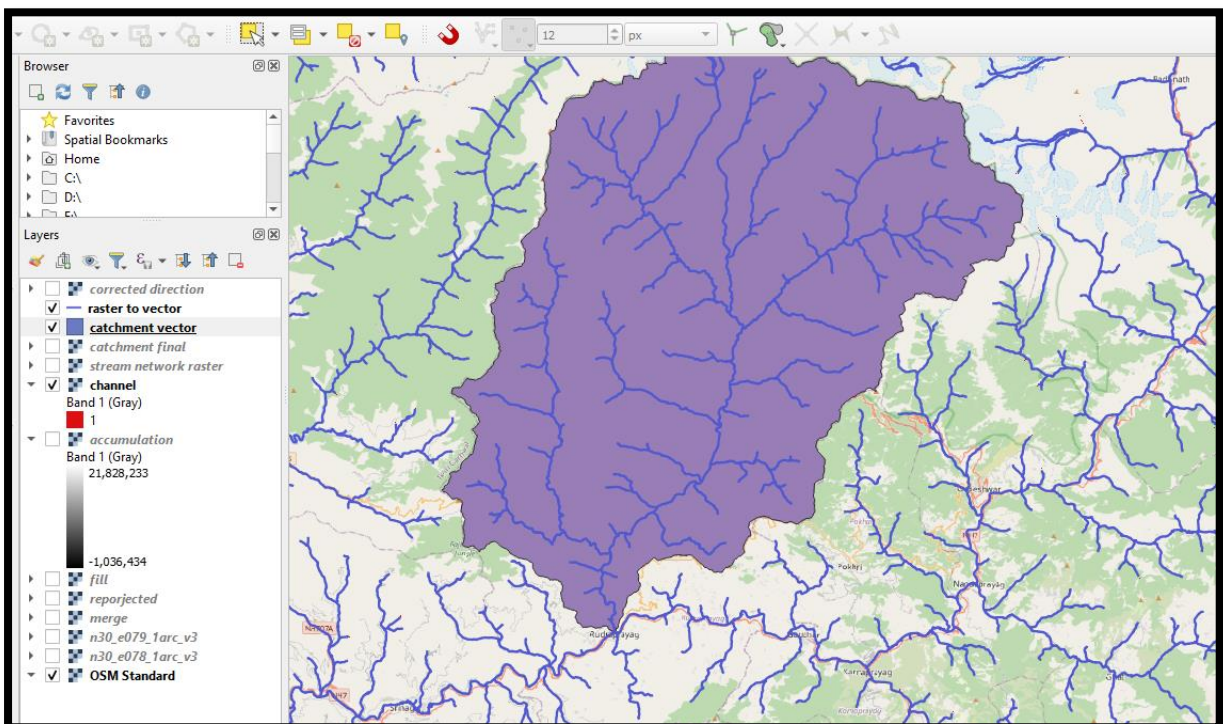


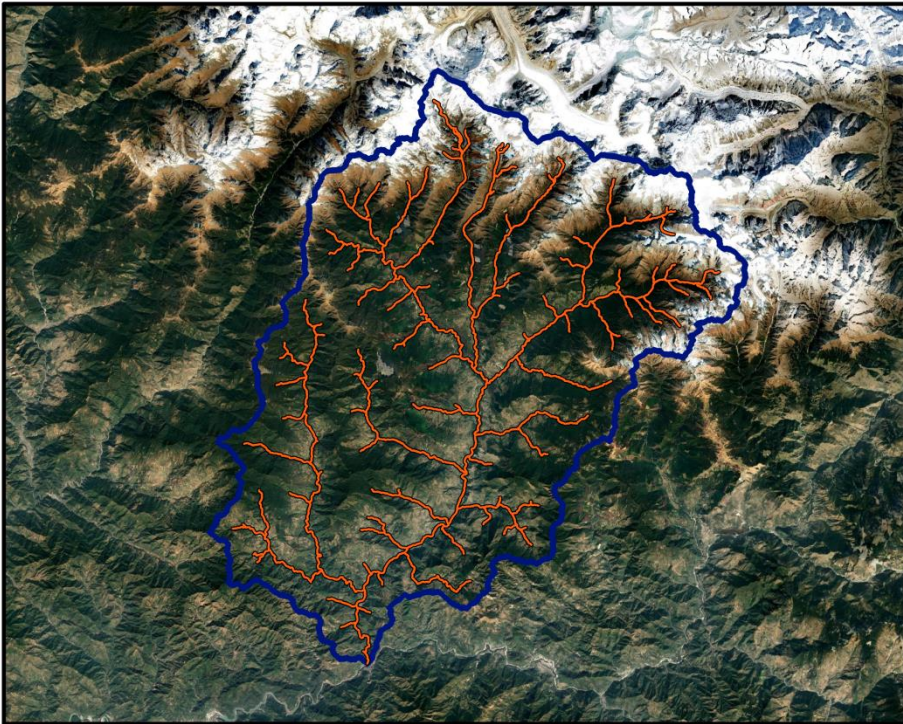
10. Gauge station(Rudraprayag)

Mandakini catchment Area





11. Vector (River Line From Raster)





Legends

-  mandakini
-  catchment vector
- Google Satellite