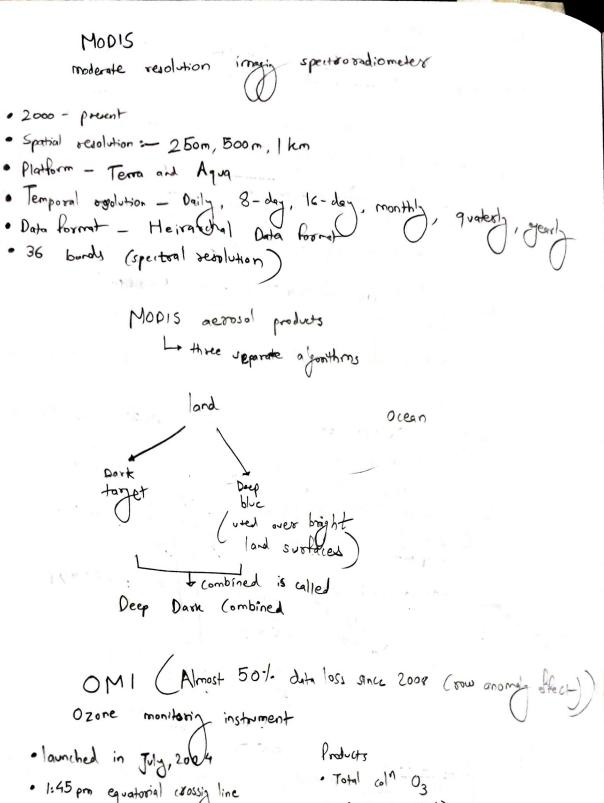
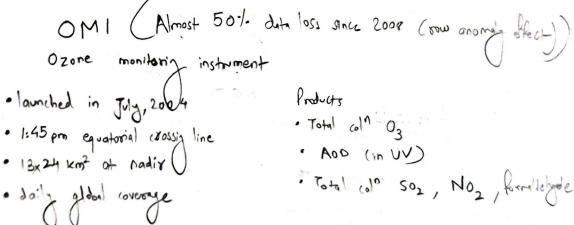
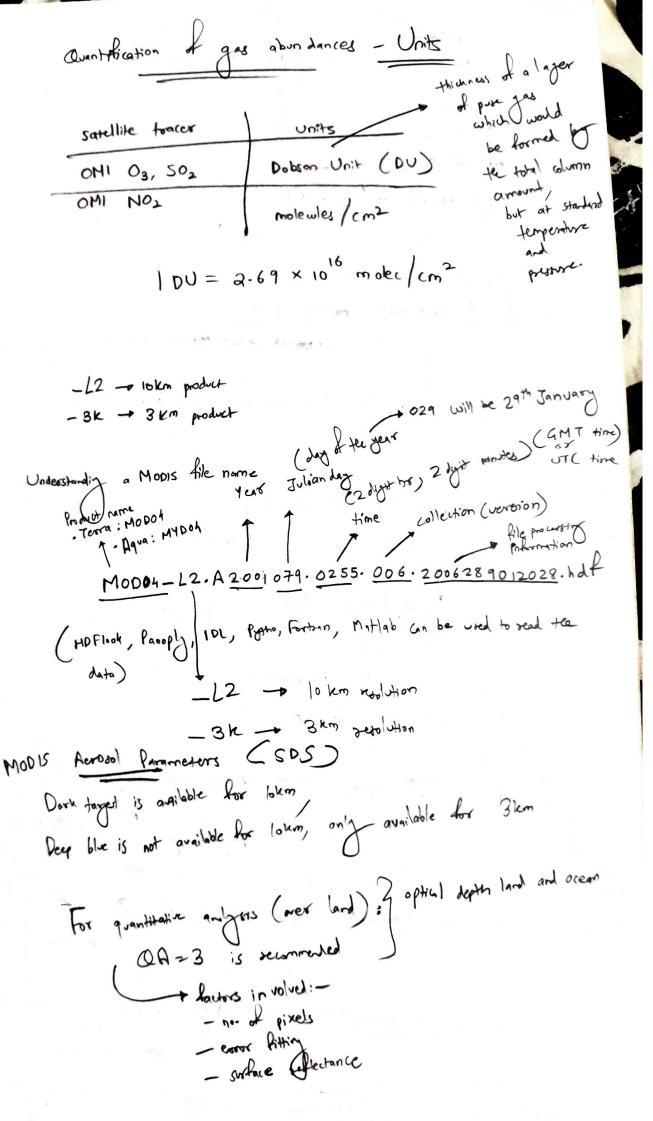


I = I.e-m2





which cover entire data granile orbit strip



not to use: -Relevant parameters :mass_ concentration_land gerosol- type - land (not much helpful) logitude land sea flag land- ocean-quality- Klay wich to make bad pixels (where 3 1s best over land 1,2,3 are best over ocean) shout Soptical -depth - land - and - ocean The [(ADD at 3km at 550 nm detroived from Moder dark target afforithm only includes duta for Mighest quality (3 over had) image-optical-depth-land-and-ocean (A00 of 3km - , Jane as alove) includes data for all quality flags (0,1,2,3) (difference is that loken has a deep blue product Also deep blue is ONLY available deep-blue - spectral - aerosol - optical - depth-land - in 3 different deep-blue - acrosol-optical-depth_550-land_OR-fly - varies from 0 to 2 Recommended to use: 2,3 ADD-550-dark-target-deep-blue -combined La both the parameters have been combined for this product

Each MODIS data lite contains data for 5 min of observations, As satellite is praising, it continously righes measurements, and when 5mil of meaningments are combined together, we put together this file i each grante has 5 min worth of data In road and - and - calculate - pro25 we have to use our own slope and intercept specific to tec Understanding an OMI file name OMI-Aura-L2-OMN02-2008-0720+2016-021357-V003-2016m0820+102252.he5 time in and time GMT 10 16) 505 inhoration (NO2) column (dunahment 1/02 Trop - extinated 1/02 topospheric amount (Column Amount 102 Strat - estimated Noz Stratosphose amount only mus 4-54 (where first row =0) • use only scenes with: Chadiative cloud faction < 0.5

Solut Zenith apple < 85 AND 3 tempor reflectivity < 0.3

Termin Reflectivity (Sale factor: 0.001) La har solver surface of earth is 5 unitless to obtain the actual number. Le is an estimate of no. of photons reaching the Cloud Radiance Foaction Satellite instrument that come from cloud covered part of the scene Same as above solur ZenithAgle - The between zenith and center of sun's disc Aronaly as seen in OMI 15 indicated was - 1.26 × 10 SDS information (502) attack center of phone PBL 802 - Column Amount SO2-PBL (SDS) (0.9 Km) for near surface pollution TRL SO2 - (alumny Amount SO2 - TRL (SDS) (3hm) volunic departing Thete should NOT be added to getter Also:- TAM 502 / STL 502

(20 4-5h Column Amant SOZ_PBL scened with ordiative cladforction < 0.3 sdar zenith afe < 70° for Column Amount 502 - TRL/TRM/STL All sows an he used Radiative (to-d fraction (unitless) (No rule factor) Other servors: - VIIRS (no data gap, complete oftoal concraye)