

Introduction to Reprocessing

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Reprocessing is gaining traction

- Advocating reprocessing as part of the Cal/Val program
 - New algorithms need to be test on the full record before promotion to operations
 - thinned datasets are often used to speed up the validation
 - or collocations with truth
 - Today's computer power and low cost storage allows full records to be easily reprocessed.
 - Supported pathfinder projects with CIMSS and results so far are very encouraging.
 - Ocean color team has been very successful in reprocessed the entire data record.
- Part of Archive Refresh
 - The NOAA Archive Group has agreed to hosting reprocessed data - initially “clones” of the operational output.
- NESDIS AA supports the need for reprocessed datasets as a service component of NCEI

Path forward

- Continue pathfinder projects - learn a lot
- Develop a CONOP with NCEI
- Mission reprocessing of EDRs is different from multi-decadal reference data records.
- Right now I am focusing on reprocessed EDRs because we have a requirement to archive the EDRs and the user expects consistent quality of the mission EDR.