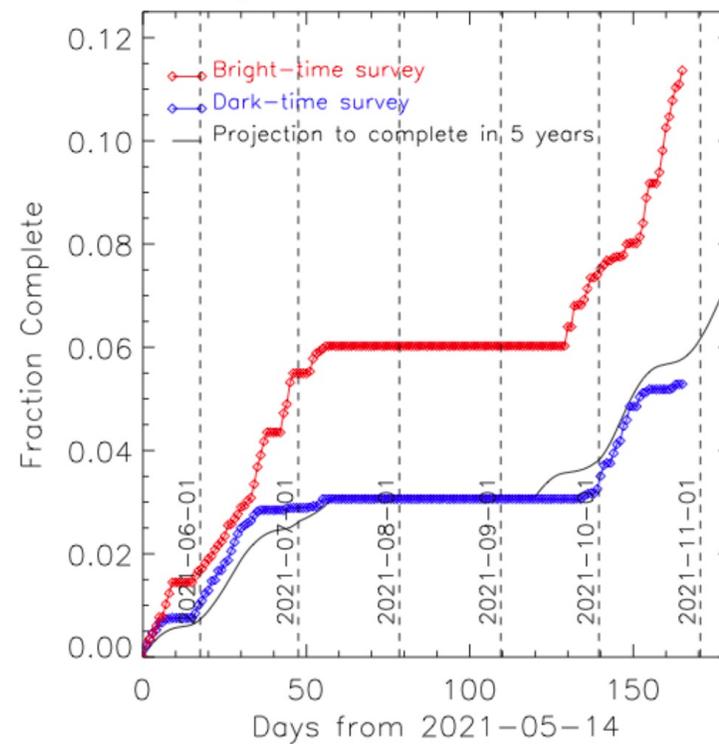
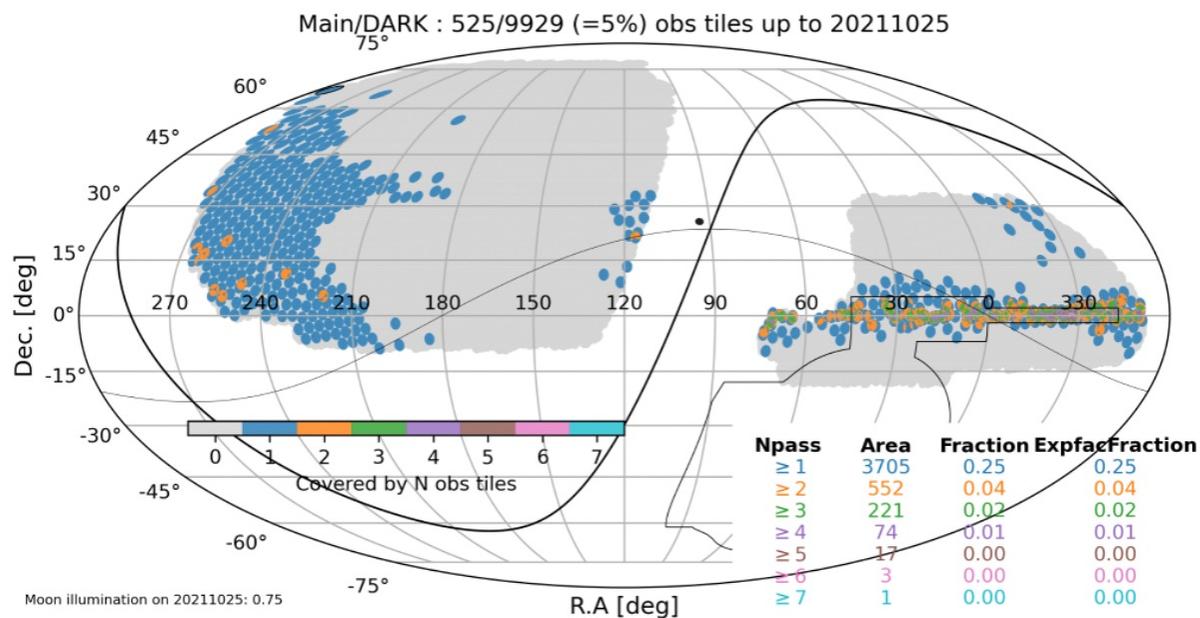


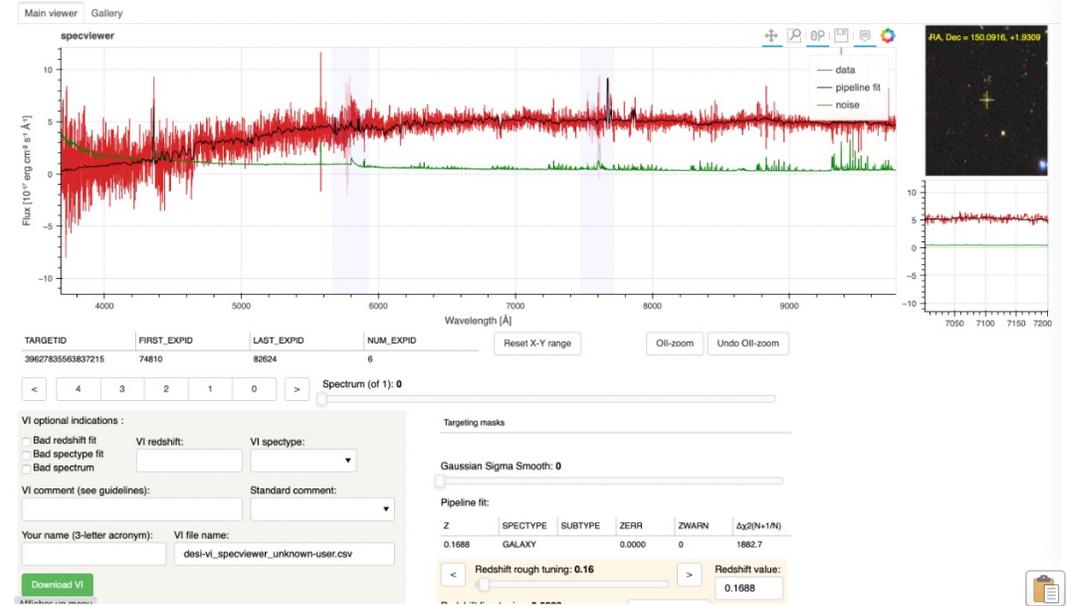
DESI-AMU Status

Smashing records on Nov 4th: 41 tiles recorded (39 dark, 2 bright), 137K redshifts



Imaging and Spectra viewer

<https://www.legacysurvey.org/viewer-desi>



Current Datasets

Pipeline releases (<https://desi.lbl.gov/trac/wiki/Pipeline/Releases>)

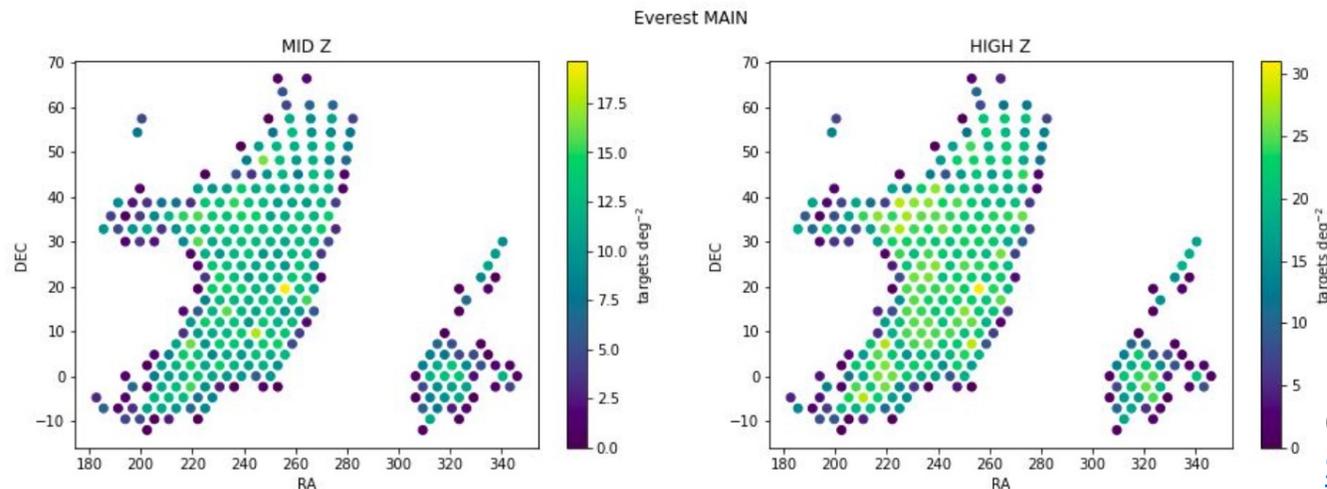
Blanc (=> Jan 2021), Cascade (=> Feb 2021), Denali (=> April 2021), Everest (=> July 2021), Fuji

LSS catalogues

[SV3 v2.1](#) (based on Everest, cut around SV3 tiles)

[DA02](#) (based on Everest): In preparation for Y1KP. No blinding rules.

=> SV3 + weight for density fluctuation + multiple sample splits (All, _N, _S, _DN, _DS)



QSO density in mocks

[Slides from Hiram Herrera-Alcantar](#)

Fiducial redshift bins

ELG:

- $0.6 < z < 0.8$
- $0.8 < z < 1.1$
- $1.1 < z < 1.5$

LRG:

- $0.4 < z < 0.6$
- $0.6 < z < 0.8$
- $0.8 < z < 1.1$

QSO:

- $0.8 < z < 1.6$
- $1.6 < z < 2.1$
- $2.1 < z < 3.5$

BGS:

- $0.1 < z < 0.5$

[from DA02 wiki](#)

from DESI CDR, page 58

Galaxy type	Redshift range	Bands used	Targets per deg ²	Exposures per deg ²	Good z 's per deg ²	Baseline sample
LRG	0.4–1.0	$r, z, W1$	350	640	300	4.2 M
ELG	0.6–1.6	g, r, z	2400	1980	1280	17.9 M
QSO (tracers)	< 2.1	$g, r, z, W1, W2$	170	170	120	1.7 M
QSO (Ly- α)	> 2.1	$g, r, z, W1, W2$	90	250	50	0.7 M
Reserve			180	180		
Total			3190	3220	1750	24.5 M

Secondary programs

Call for proposal Oct 2020: scientific merit and suitability

41 secondary programs: eg. SN host, Strong-Lensing, Clusters

Working Groups

1. Bright Galaxy Survey
2. Clustering, Clusters, and Cross-Correlation (C3)
3. Cosmological Simulations
4. Galaxy & Quasar Clustering
5. Lyman-Alpha Forest
6. Milky-Way Survey
7. Spectroscopic pipeline & Data Simulation
8. Target Selection
9. Transient and Low-redshift cosmology
10. DESI-II

Y1 Key projects

KP1: Data Release of the Survey Validation Data Assembly

KP3: LSS catalogues and 2-point measurements

KP4: BAO from 2-point clustering

KP5: Full Shape analysis

KP6: Ly α BAO

KP7: Likelihood

Listing of DESI Telecons (all PDT)

Daily

- 7:30 am: KPNO daily tagup (this is always at 8:30am Tucson time)
- 3:00 pm: Night observing tagup (this is always at 4pm Tucson time)

Mondays

- 7-8: GQP-AGN sub working group (biweekly on off GQP weeks)
- 7:30-8:00: MWS working group
- 9-10: Galaxy-quasar clustering, including KP3,4,5 (once a month joint with C3 and once a month joined with CosmoSIM)
- 10-11: Executive Committee (limited invite list)
- 11-12: Instrument Operations
- 2-3: Survey Operations (occasional)
- 2-3: Mayall-DESI Restart Meeting (this will stop soon)
- 5 - 6pm: C3 general call (Pacific friendly, monthly)

Tuesdays

- 7:30-8: Meetings Committee (biweekly, limited invite list)
- 8-9: Lyman-alpha, plus KP7 (one every four)
- 9-10: Data group
- 9-10: KP4/5 telecon (currently first two weeks of the month... will be weekly soon)
- 12:00: Commissioning
- 2pm DESI Lead Observing Scientist meeting (limited invite list)
- 3pm: C3 lensing mock challenge (3 times per month, Pacific friendly)
- 9 pm: GQC Aus/Asia call (biweekly). This is KP4 once per month (aprox). This is KP5 once per months (aprox)

Wednesdays

- 7:30-8:30: Membership Committee (biweekly, limited invite list)
- 8:30-9: Science Committee (biweekly, limited invite list)
- 9-10: Target/SV (with Image Validation)
- 10-11: Legacy Survey (plan to morph this into survey ops)
- 9-10: Mock Challenge Hack
- Noon-1pm: C3 lensing mock challenge (once per month, Atlantic friendly)
- 9-10 pm: Mock Challenge Hack (Aus/Asia)

Thursdays

- 7:30 - 8:30: Outreach (monthly)
- 7:30-8:00: MWS working group biweekly meeting (Science +ECS focus)
- 8:30-9:30: CosmoSim
- 8:30-10: Technical/Operations Board
- 10-11: KP3 review (monthly, very informal)
- 12-1: Directorate call (limited invite list)
- 5 pm: BGS (every 5 weeks)
- 5pm: Transients & Low-z Cosmology (biweekly)
- 6-7pm: Institutional Board (monthly, limited invite list)
- 7:30-8: Galaxy-Quasar Physics (biweekly, with two AGN focused off week)

Fridays

- 12 am: BGS (every 5 weeks)
- 7-8am: Institutional Board (monthly, limited invite list)
- 8-9: Bright Galaxy Survey

DESI-AMU membership

Members:

5 Engineers : Pierre-Eric Blanc, Gerard Castagnoli, August Levansuu, Sandrine Perruchot, Aurélia Secroun

6 Participants: Marie-Claude Cousinou, Jean-Gabriel Cuby, Anne Ealet=>Julian Bautista (provisional member), Stéphanie Escoffier, Eric Jullo, Mat Pieri

9 Sponsored members: Vincenzo Aronica, Marie Aubert, Sylvain Gouyou Beauchamps, Renan Boschetti, Tyann Dumerchat, Romain Paviot, Pierros Ntelis, Pauline Vielzeuf

1 Continuing Collaborator: Debopam Som

AOB

- DESI acronyms: <https://desi.lbl.gov/trac/wiki/DESIOperations/AcronymList>