

SBN Archiving Report for 2020 – 2022: UMD

New Horizons and NH Kuiper Belt Extended Mission (KEM)

[Pluto](#)

P4 (derived products) archived 2020-08-21

[Cruise and Arrokoth](#)

KC2, K1, K2, K3, K4, all instruments, archived

K4 (derived products) In lien resolution

K5 all instruments , in review, 2022-10-18

DART

DRACO and LICIAcube, pipeline samples, reviewed

Lowell obs., data thru 2021/03, archived

Radio science pipeline in development

Shape model samples, reviewed

Asteroid Terrestrial-Impact Last Alert System (ATLAS) Survey

Pipeline was reviewed, in line resolution. Have received 143.14 TB of data., will continue after the liens are resolved.

Lucy

Drafted instrument SISs; works on PDS4 draft labels. Context products have been drafted for all aspects (mission, instruments, targets).

The data format review will be 2023 May, and the archive review will be 2023 October. Has observed DART impact.

Ground-based and R&A data

[Archived:](#)

Giotto Neutral Mass Spectrometer Density Profiles of Comet Halley

Comet C/ISON (2012 S1) Ground-Based Observations Bundle

International Halley Watch Near Nucleus Images of Comet Halley v2.0

SOHO Swan Derived Cometary Water Production Rates Collection v2.0 and v3.0

Spitzer Space Telescope Spectroscopy of Comets

[In review](#)

LDT Observing Campaign of Near-Earth Asteroid (3200) Phaethon

New Horizons LORRI Cosmic Optical Background Observations

Main Belt Comet Imaging - Gemini N and S

Rosetta ROSINA DFMS Time Series Abundances

Rosetta

Archived

Orbiter: ALICE (derived), CONSERT, GIADA (derived maps), MIDAS, MIRO (comet phases), NAVCAM, OSIRIS (comet phases), ROSINA (comet phases), RPCICA, RPCIES (comet phases), RPCLAP, RPCMAG, SREM, VIRTIS (derived maps)

Lander: ROMAP, MUPUS, ROLIS , APSX (Safed)

In lien resolution

COSIMA, OSIRIS (all phases), RPCMIP (comet phases), VIRTIS (comet phases), EARTHBASED 67P Support Observations, Spacecraft Housekeeping, RPCLAP/MIP (comet phases L5)

Need to be repaired or to safe (have important data)

Pre-comet data: ALICE,GIADA,MIRO, ROSINA,RPCIES, VIRTIS, SD2

Comet phases: PTOLEMY

All phases: RSI, CIVA,COSAC, SESAME

MULTI Shape Models v3.0 Development

NAVCAM Derived Pre-Peer Review

Rosetta teams funding ended in 2020 for all instruments (for some of them as early as in 2018).

SBN Archiving Report for 2020 – 2022: PSI

OSIRIS-REx

Archiving completed: OCAMS, OLA, OTES, OVIRS, TAGCAMS
Radio Science raw - in liens resolution, released as Certified
Derived data - in peer review

Hayabusa2

Archiving completed: NIRS3 and TIR
In lien resolution: ONC, LIDAR, and MASCOT (lander, 3 instruments)
Other datasets are planned for 2023

Psyche

Pre-launch peer reviews completed

NEAScout

Pre-launch peer reviews completed

Janus

Pre-launch peer review planned for 2023

Europa Clipper SUDA

Pre-launch peer review planned for 2023

NEO Surveys

Spacewatch - Mosaic camera data archived, other data sets planned for 2023
Catalina Sky Survey - Daily pipeline archiving of new data, plus archiving of past data now complete back to 2020 and continuing.

Other Groundbased

16 groundbased data sets archived since Oct. 2019 (last SmUG meeting)