



U.S. DEPARTMENT
of ENERGY

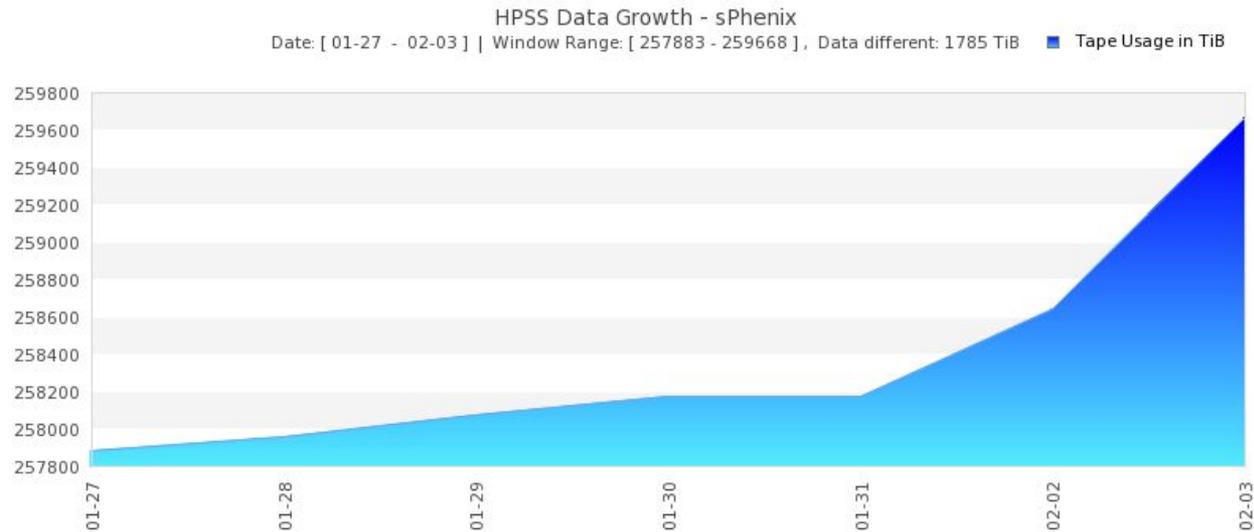
Time Meeting 02-03-2026 SCDF

    @BrookhavenLab

Network Maintenance 2/17 & 2/18

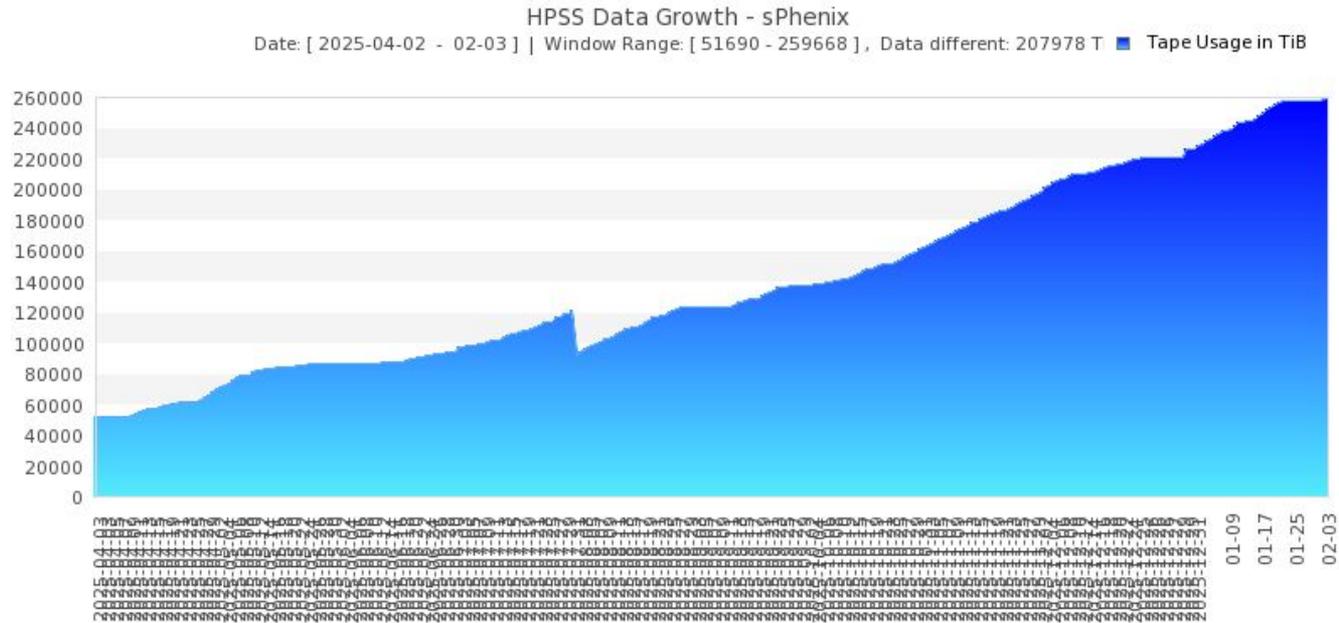
- **8:00AM Feb 17** - Storage Services in the Bldg 515 data center
 - Expect connectivity loss to storage servers lasting < 5 minutes
 - Notable services include STAR Lustre and STAR HPSS
 - If problems encountered, up to 2 hours of network instability to diagnose.
- **6:00AM Feb 17 and 18** SCDF external firewall upgrade
 - Two network events
 - Feb 17 - Shutdown of one firewall module for upgrade
 - Established connections should migrate transparently to second module
 - Feb 18 - Shutdown of 2nd module and “cold” start of the upgraded module
 - All established connections will break

sPHENIX Data Volume Past 7 Days



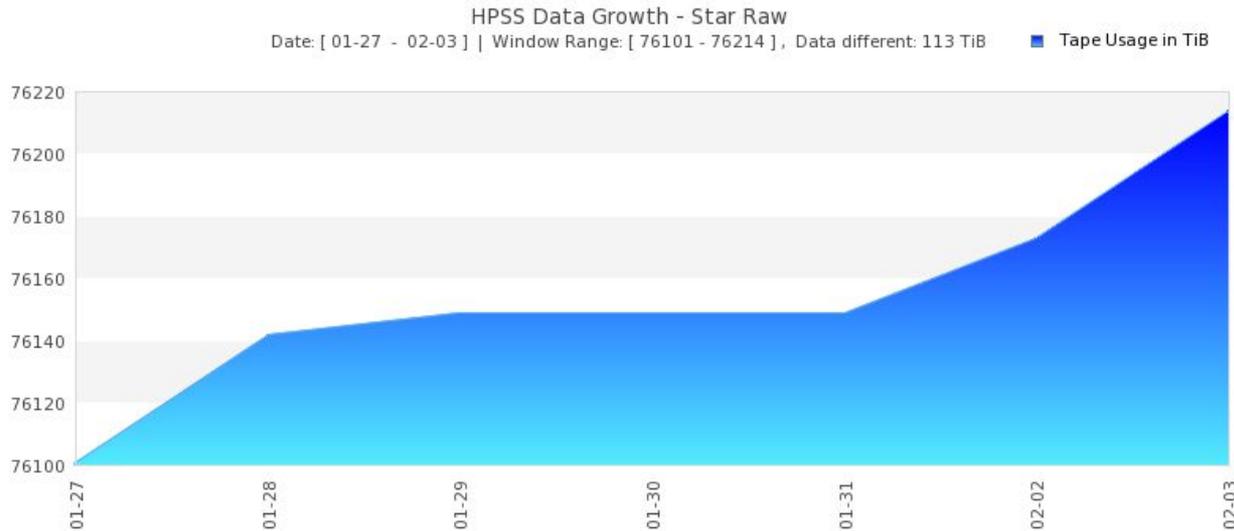
1.96 PB written to tape in the last 7 days

sPHENIX Data Volume Since April 1



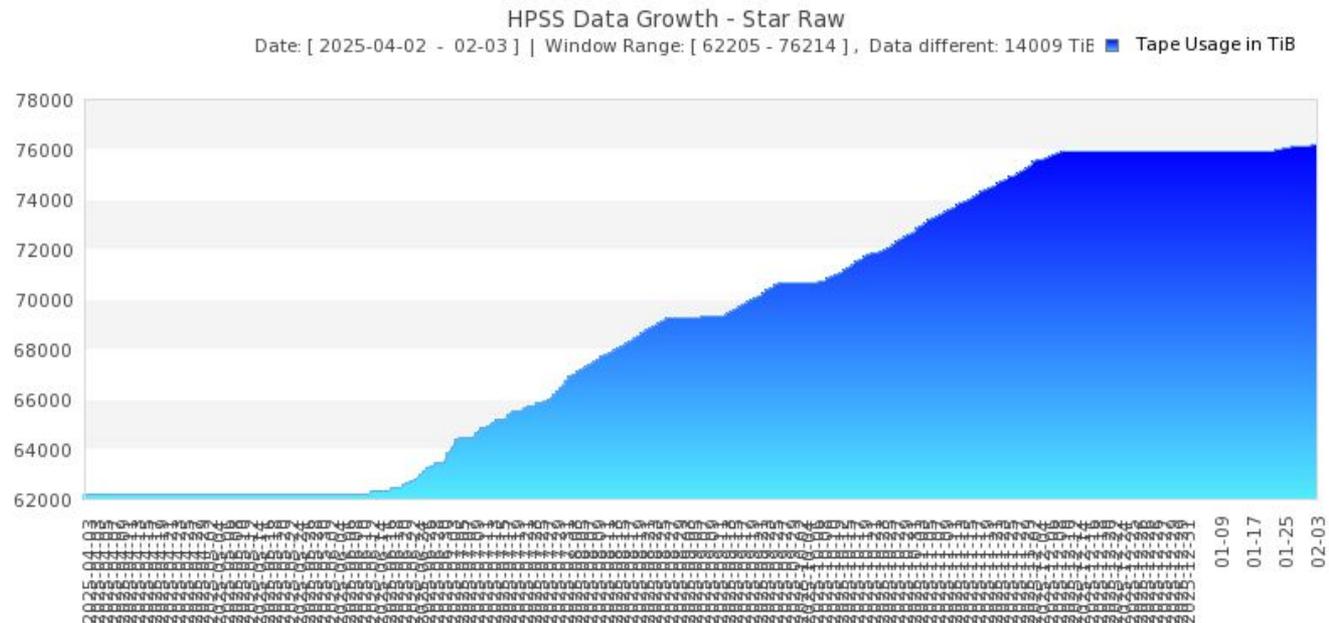
228.7 PB written to tape since April 1 2025

STAR Data Volume Past 7 Days



124 TB written to tape in the last 7 days

STAR Data Volume Since April 1



15.4 PB written to tape since April 1 2025

Hosting RHIC Data since Run 1

With data from RHIC, BNL is the largest HPSS site in US

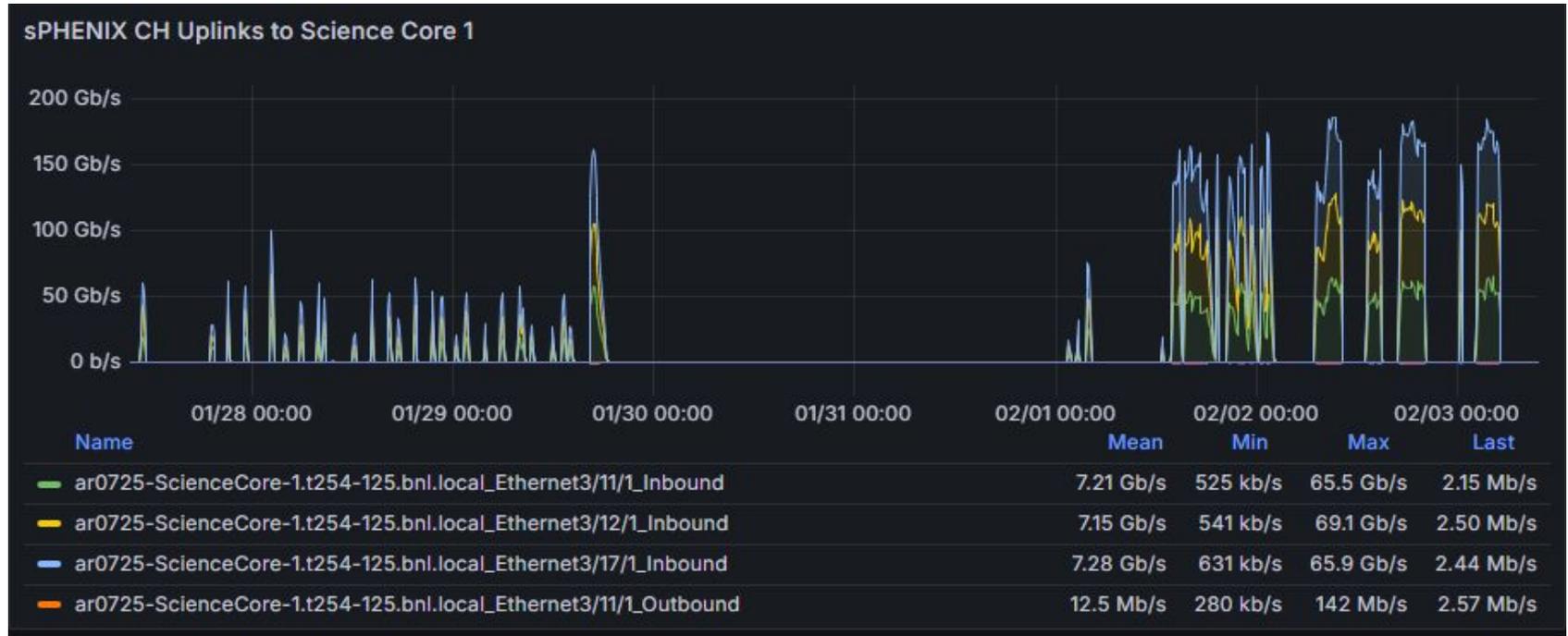
Sites - 4Q2025

↑ Petabytes ↓ M Files ↑ Since ↑ Country ↓

	European Centre for Medium-Range Weather Forecasts ↗	1,450	801	2002	United Kingdom and Italy
	Shared Services Canada	1,158	82	2017	Canada
	United Kingdom Met Office ↗	845	2,011	2009	United Kingdom
	Meteo France - French Weather and Climate ↗	797	1,183	2015	France
	Brookhaven National Laboratory ↗	587	312	1998	United States
	National Oceanic and Atmospheric Administration Research & Development ↗	439	112	2002	United States
	Lawrence Berkeley National Laboratory - User ↗	429	265	1998	United States

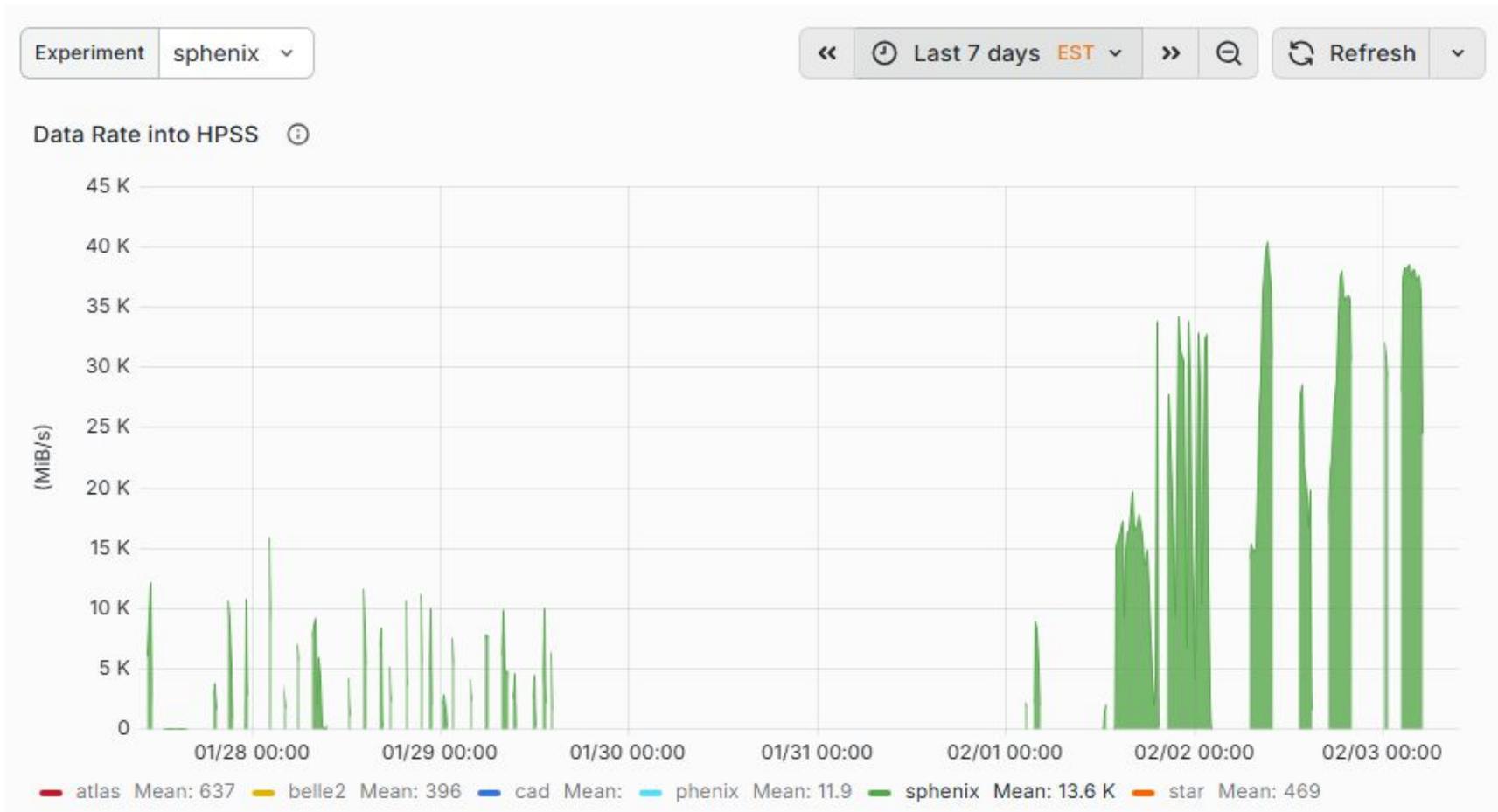
As document by the [HPSS Collaboration](#) deployments [table](#)

Network Traffic from sPHENIX to SCDF



Network traffic on one of two LACP links between sPHENIX and SCDF. (Transfers to HPSS and Lustre).

sPHENIX Data to HPSS



STAR Data to HPSS

