

Parameters	unit	FY2020	FY2021	FY2022	FY2023/LOY1	Notes
Objects	number			4.58E+09	2.75E+10	from LSE-81, scaled to 2 months for 2022, ComCam ignored
Sources	number			1.50E+11	9.01E+11	from LSE-81, scaled to 2 months for 2022, ComCam ignored
ForcedSources	number			4.85E+11	2.91E+12	from LSE-81, scaled to 2 months for 2022, ComCam ignored
Science users	users	50	100	5000	5000	"Stack Club" to 2021, DP users thereafter
Storage per science user	TB	0.005	0.01	0.05	0.1	ramp; includes oversubscription
LSSTCam image size	TB	0.0152				uncompressed, 32 bit, with overscan and corner rafts
Raw image compression	factor	0.42				lossless-compressed divided by uncompressed for raws
Lossy image compression	factor	0.250				lossy-compressed divided by lossless-compressed for PVIs
Observing nights per year	nights	300				maximum
Visits per night	visits	1000				maximum
Images per visit	images	2				
Calibration images per day	images	500				
LSSTCam Science images	images			100000	600000	test images until 2 months of science in 2022
LSSTCam Test images	images	25000	50000	50000		ramp to science images
LSSTCam Engineering images	images	12500	12500	15000	6000	decreasing ramp
LSSTCam Calibration images	images	12500	25000	37500	150000	estimates based on science and test images; actual for 2023
Object table row size	bytes	1840				from LDM-141
Object_Extra tables row size	bytes	20393				from LDM-141
Source table row size	bytes	453				from LDM-141
ForcedSource table row size	bytes	41				from LDM-141
Qserv replication factor	factor	3.0				