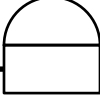


Observatory



Camera Data
System (DAQ)

Raw
Images
24 GB

Raw
Images
24 GB

Obs. Ops.
Data
System

Prompt
Processing
Ingest

Base

USDF

Raw Images 24 GB
Processed Visit Images
& Difference Images
36 GB each

Catalog Entries
72 MB

Prompt
Processing

Alert Stream
1.8 GB

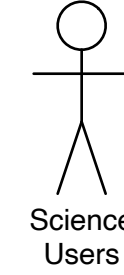
Alert Stream
1.8 GB

Alert
Distribution

Full-Feed
Alert
Broker

Image size estimates are per visit of two snap exposures,
uncompressed, either 18 bits per pixel transferred in 32 bits
or 3x32 bits per pixel (image, mask, variance). Alternate
Science Visits of one 30-second exposure would produce
one 12 GB raw image.

Alert stream and catalog estimates are for max
40K alerts per visit, delivered in 15 sec. Alerts include postage
stamp images and one year DIASource history, uncompressed.



LSST
Science
Platform

Archive

Cloud DAC

USDF

USDF

External