Differences Between LDM 5 and LDM 6

Unidata Program Center

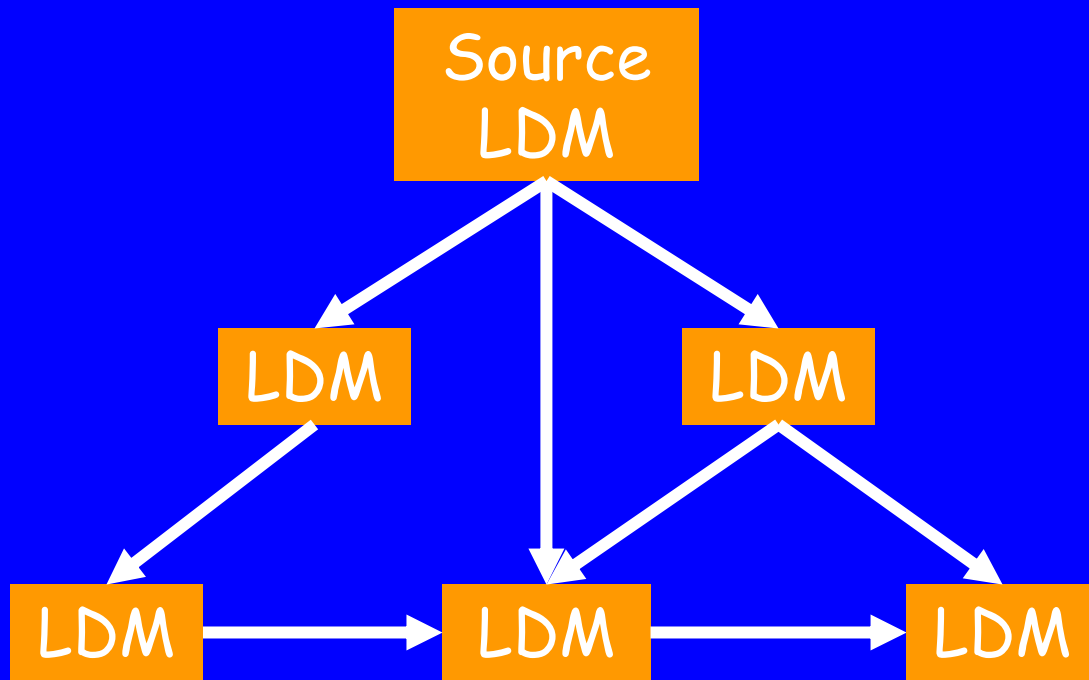### University Corporation for Atmospheric Research

Presentation Assumptions & Goals

- Assume: you generally understand how the LDM works
- Goals:
  - Understand specific behavior of LDM 5 & LDM 6
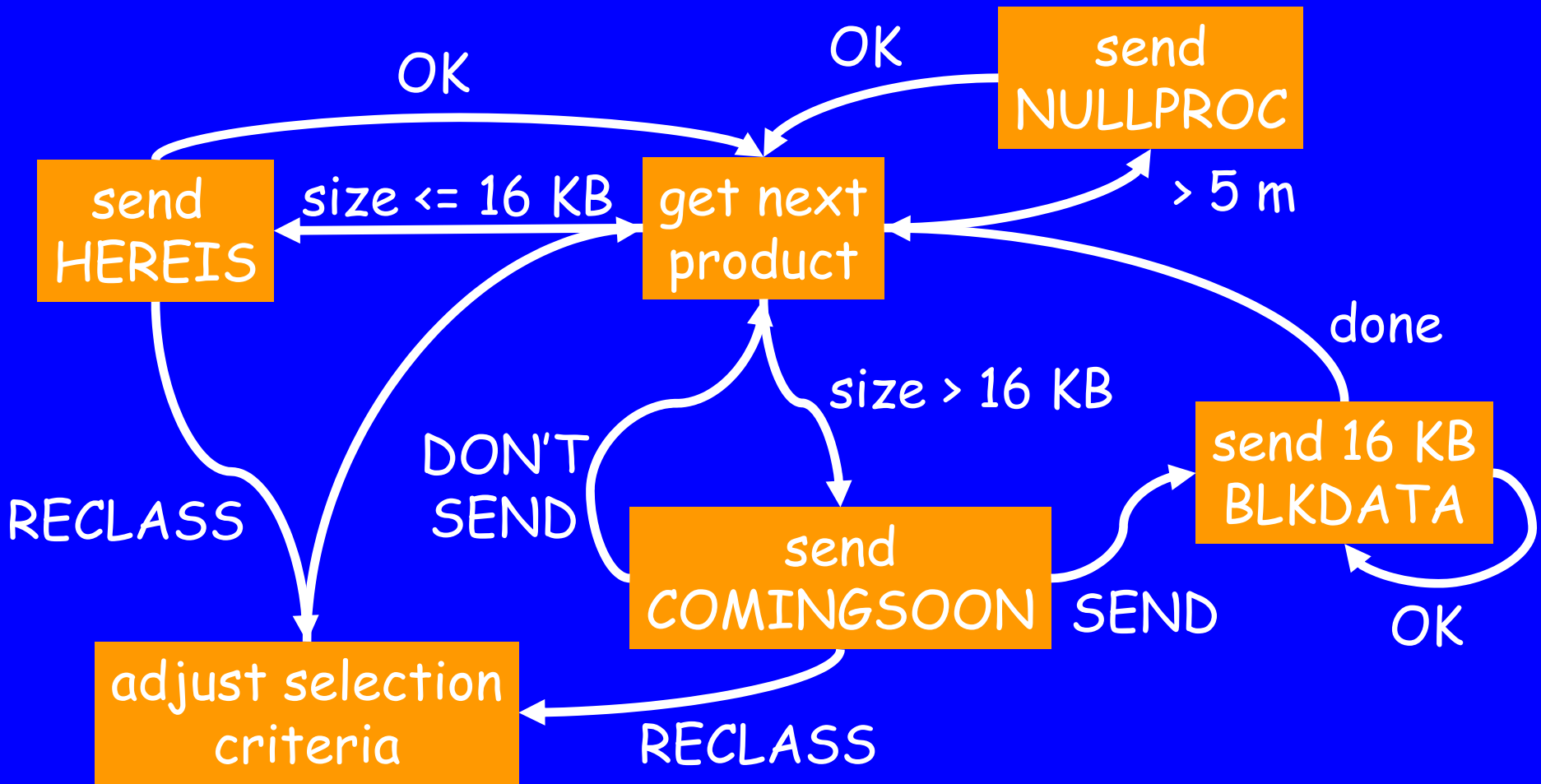 - Understand differences in behavior and how they affect performance

LDM Goals

- RELIABLY deliver data products via the Internet in a timely manner
- Support multiple sources of data products
- Support user-customizable actions on received data products
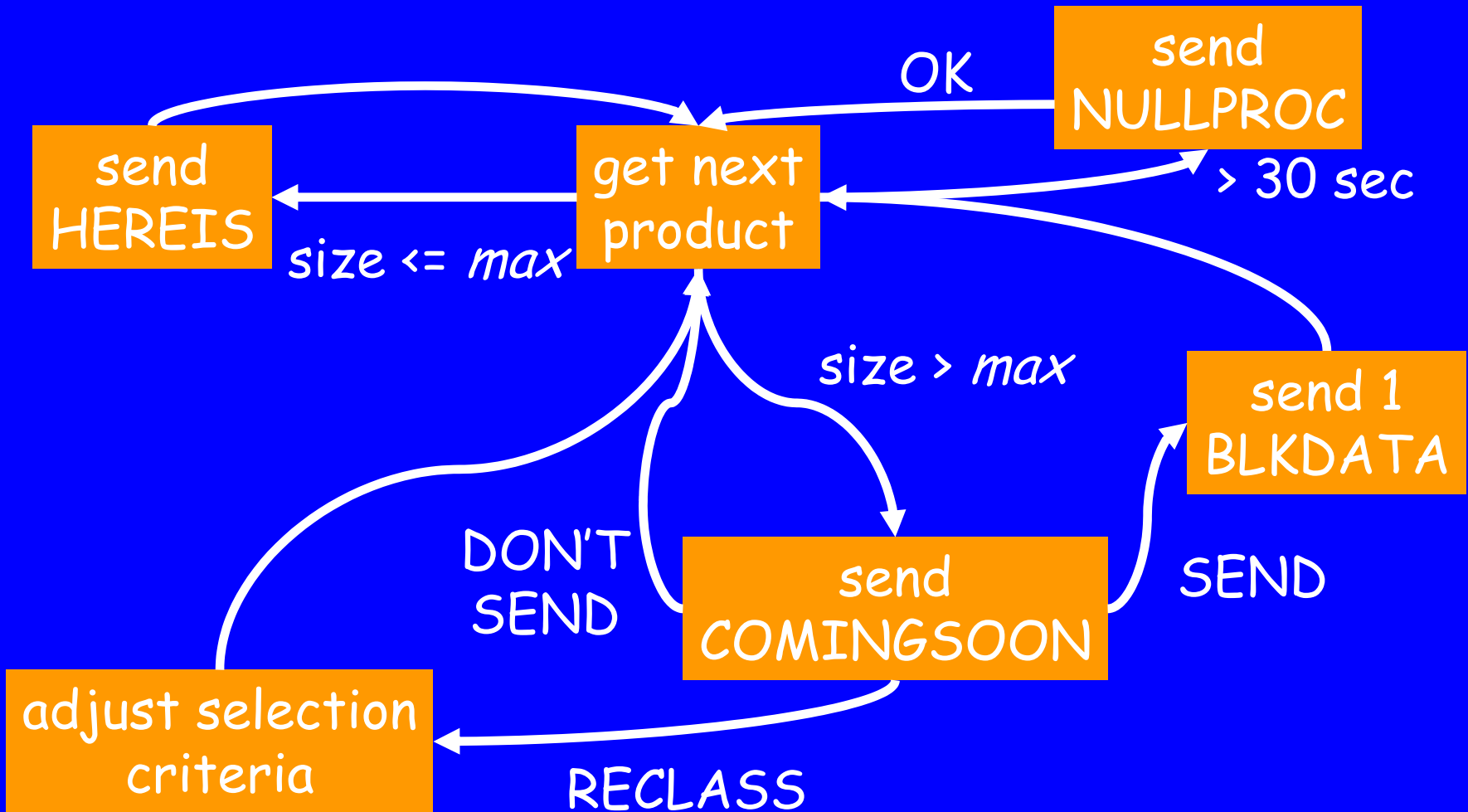
Data-Feed Topology

Upstream LDM 5 Behavior

Downstream LDM 5 Behavior
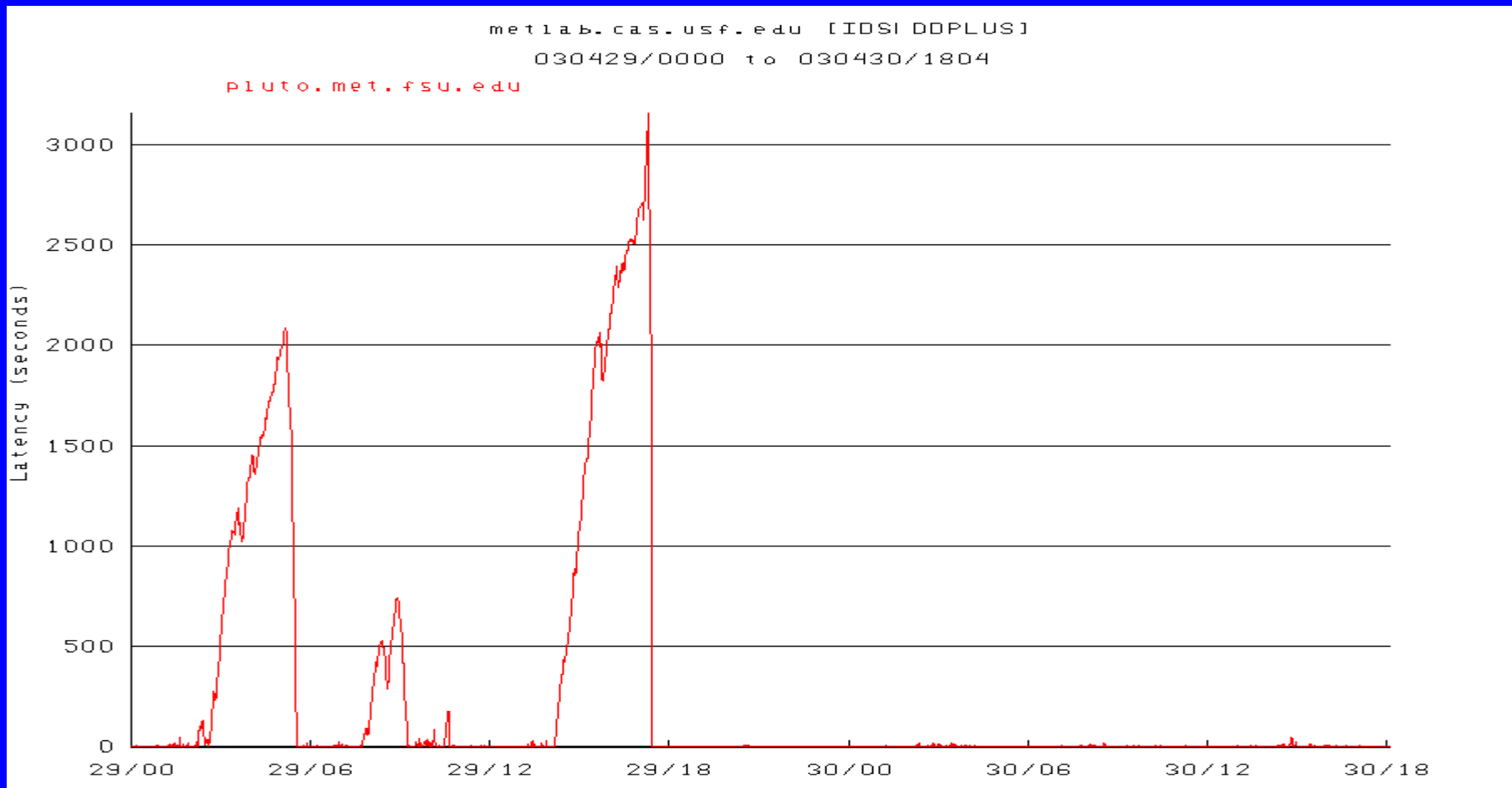
Upstream LDM 6 Behavior

send NULLPROC

OK

> 30 sec

send HEREIS

get next product

size <= *max*

size > *max*

send 1 BLKDATA

DON'T SEND

send COMINGSOON

SEND

adjust selection criteria

RECLASS
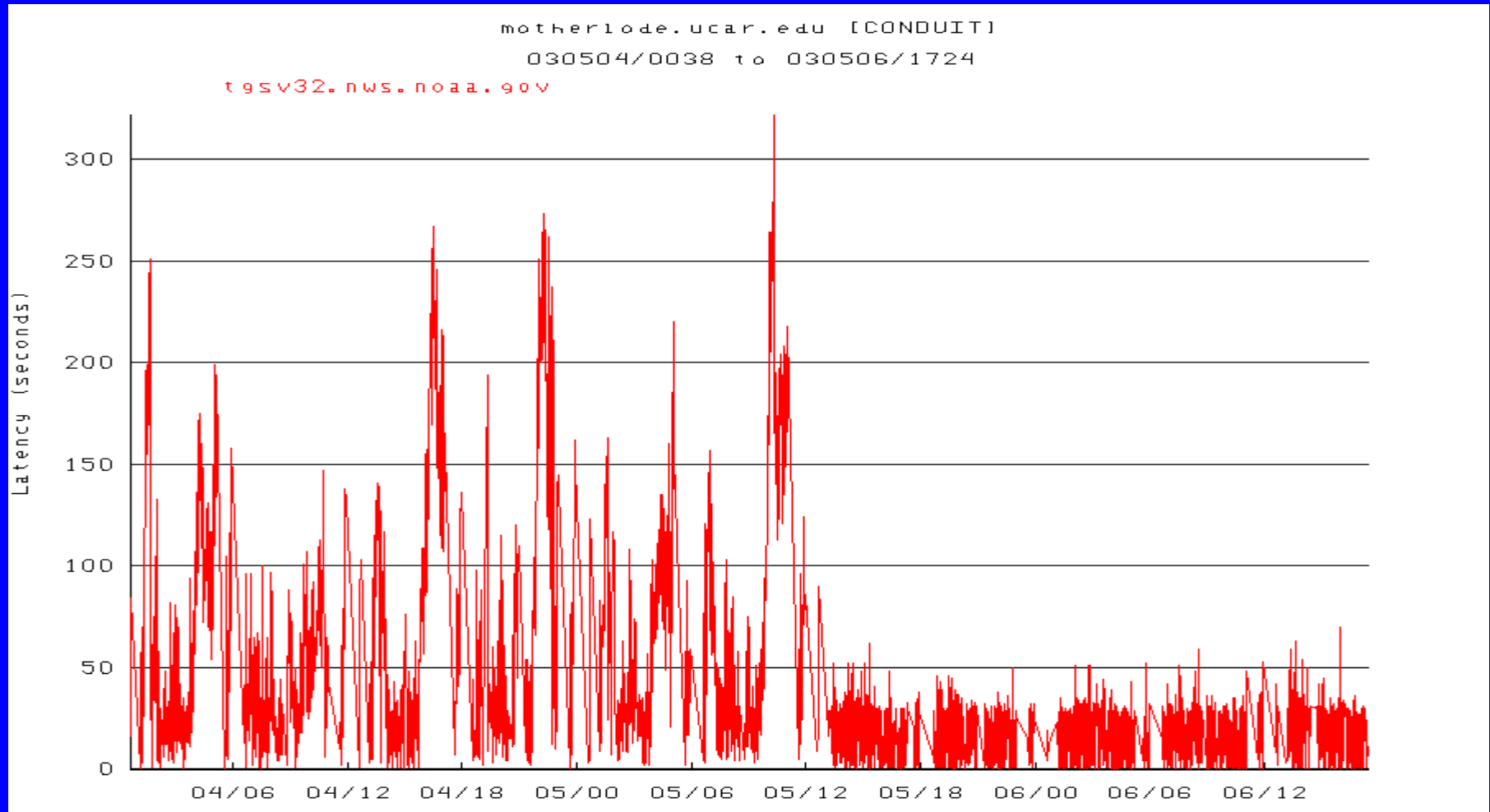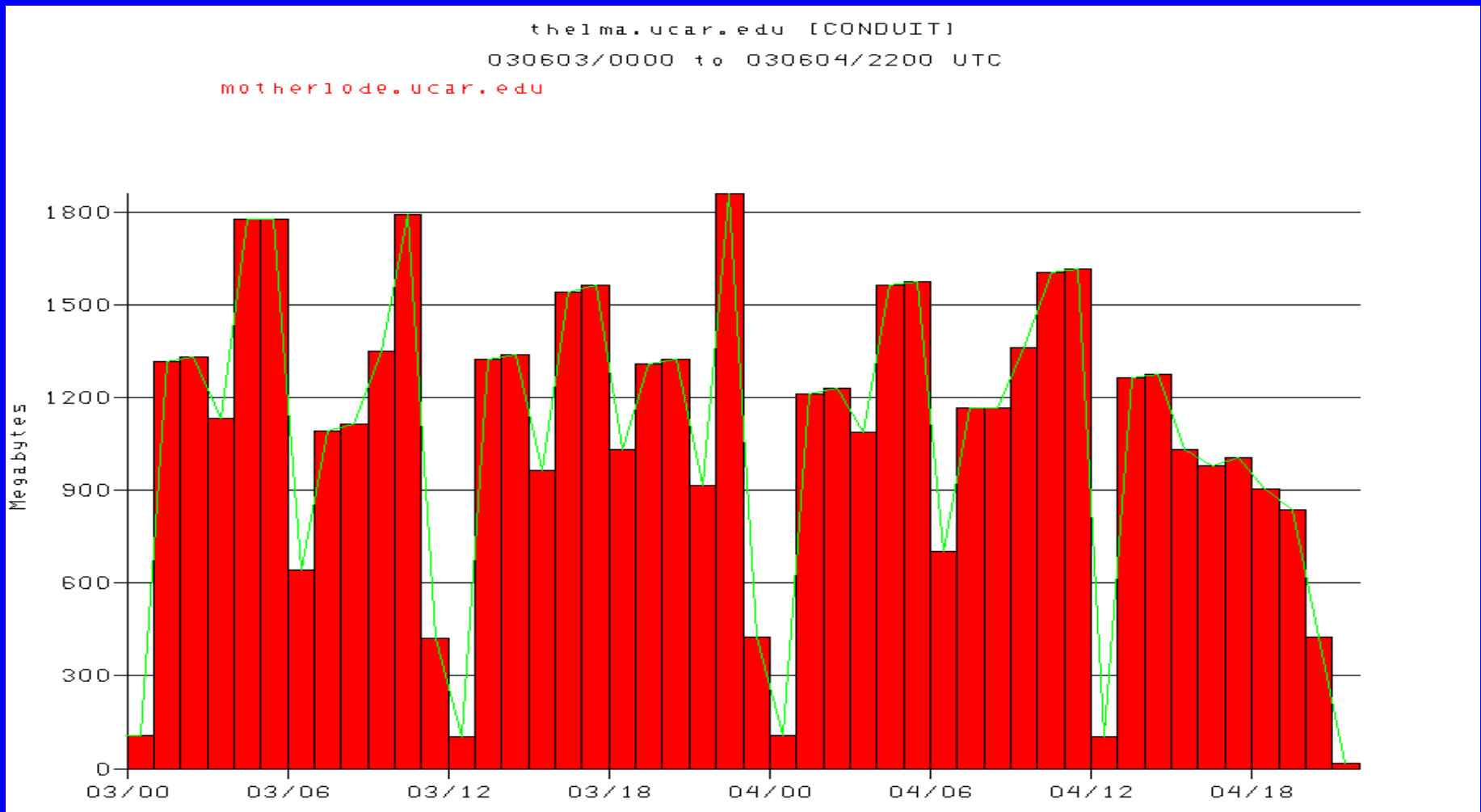
Downstream LDM 6 Behavior

Performance Improvement: IDS|DDPLUS Feed

Performance Improvement: CONDUIT Feed

Improved Performance
Permits Volume Increase

Odd Load-Average Behavior on Thelma