



March 2006 SECAA Program Report

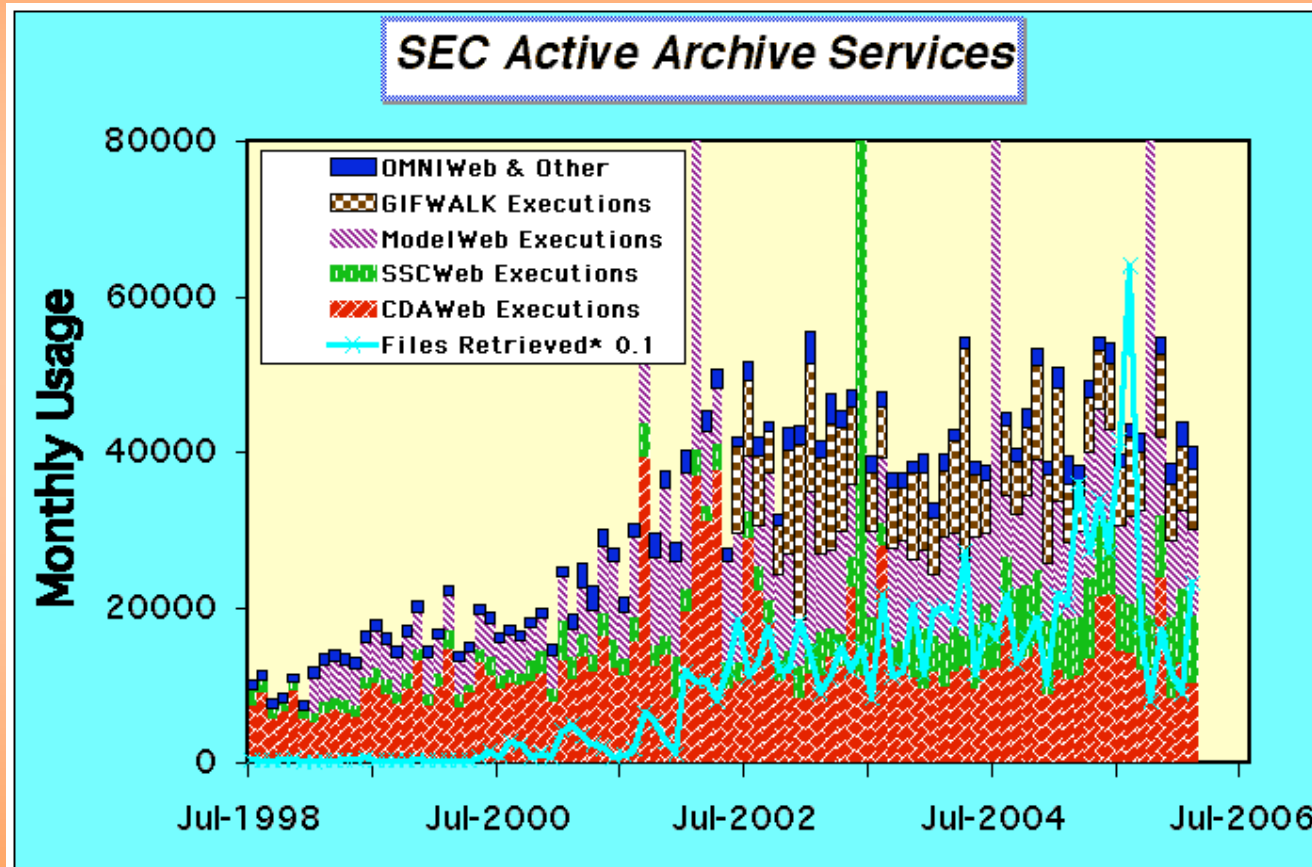
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- **Status, Metrics and Highlights**
- **Work In-Progress and Planned**
- **Budget Overview**



Status and Metrics

- Current SECAA data services are operating continuously and without significant problems

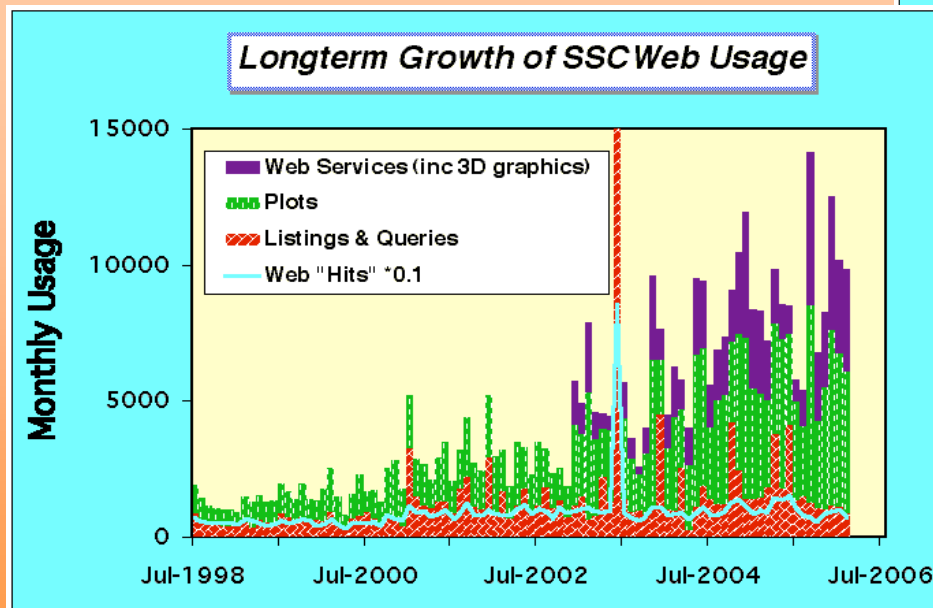
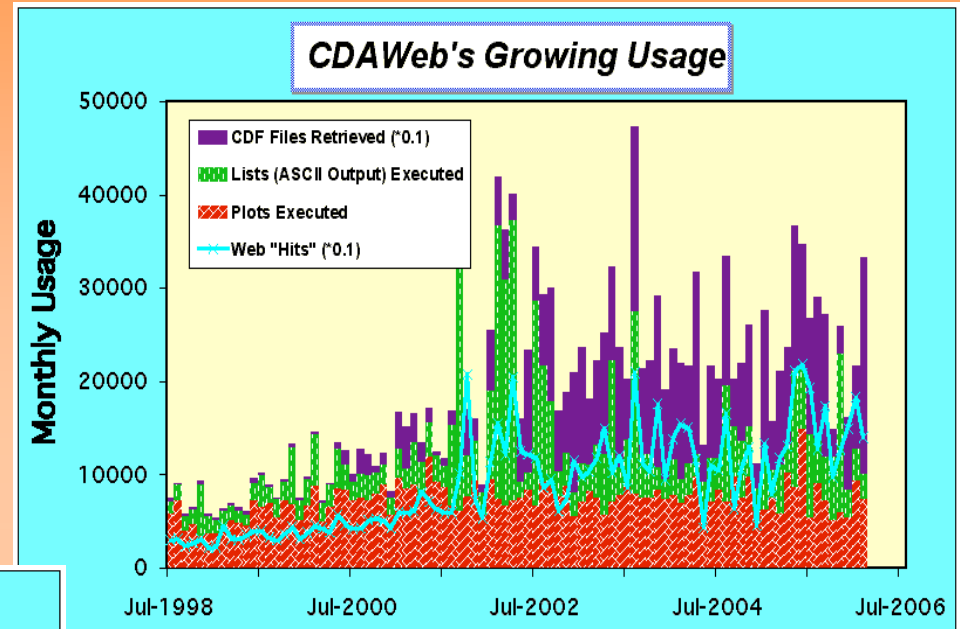


- Figure shows growing combined usage of full range of services
 - Some pre-2001 FTP (in "Files Retrieved") and GIFWalk statistics not available



Status and Metrics (cont)

- CDAWeb use by function



- SSCWeb use by function



Select Highlights

- **Successful transition to the new server and added disk storage**
 - Much faster performance, total storage capacity ~doubled
 - New backup system also installed and operational with excellent performance
 - Users saw essentially no downtime during the actual switchover
- **SSCWeb orbit database population automation**
 - Relevant for s/c populated from NORAD two-line elements
 - > Process is in operation for all relevant s/c and working well
 - Documentation and error handling/QC not yet completed
- **Support for THEMIS**
 - Biweekly coordination telecons
 - THEMIS predicted orbit has been added to SSCWeb and CDAWeb
 - Extended orbit predicts for Geotail and Cluster now installed in SSCWeb
 - Requested upgrades to SSCWeb 3D Java viewer (TIPSOD) in progress
 - No issues with CDF support for THEMIS so far



Select In-Progress and Planned Work

- **Preparations for a 2006 Senior Review proposal**
 - VSPO (Aaron Roberts) and VHO (Adam Szabo) involved in planning
- **Special session on science user requirements and priorities for Virtual Observatories (Spring 2006 Baltimore AGU)**
 - 17 papers submitted; AGU has allocated two oral sessions
 - Reservation submitted to AGU for Monday 5/22 VxO working meeting
- **OPeNDAP as one framework for distributed CDAWeb**
 - OPeNDAP server has been installed and tested
 - > CDAWeb will be served to OPeNDAP community when registration complete
 - Sensible generic framework by which CDAWeb could acquire data
 - > But little space or solar physics data in the present user community
- **Webservices/WSDL less generic framework but more popular**
 - We have had operating webservices APIs from CDAWeb and SSCWeb
 - Prototype attachment to see solar data using VSO webservices is working
 - Attempting attachment to NOAA/NGDC data via SPIDR webservices
- **Ongoing interactions with the data provider and mission communities**
 - THEMIS and IBEX (at Hawaii meeting) particularly
 - Loaded STEREO orbit predicts into SSCweb at project request
 - In contact with SWARM



SECAA Budget Monthly Statement (from GSFC Funds Control)

Monthly Statement for FEBRUARY 2006

Allocation Level	380543.02.01
Fund	ESAX22006D

[Back to Selection Screen](#)

Current Cumulative Totals					
Commitment Item	Commitment Item Description	Guideline	Cum Allocation	Commits	Available Balance
9000.2100	CENTER G&A	496,000	285,370	132,267	153,103
9000.3000	FACILITIES SERVICES	175,000	100,685	46,667	54,018
9000.4000	INFORMATION SERVICES	120,000	69,041	32,000	37,041
9000.2400	LABOR	0	0	262,316	-262,316
AllOthers	Procurement	0	719,800	405,348	314,452
9000.5515	RES DEV MULTI SUPPT	152,000	87,106	75,699	11,407
Totals		943,000	1,262,002	954,297	307,705

- **Guideline fields not fully populated but hopefully show progress on spending**
 - Monthly “workbook” reporting format (cf. Oct 2005 report) is intended but not yet available for 2006
 - Code 600 has just and again changed the RA assigned to support SECAA
- **SECAA spending is believed consistent with latest FY06 guideline (with contingency)**
 - Uncertain if there may be further changes in effective FY07+ guidelines