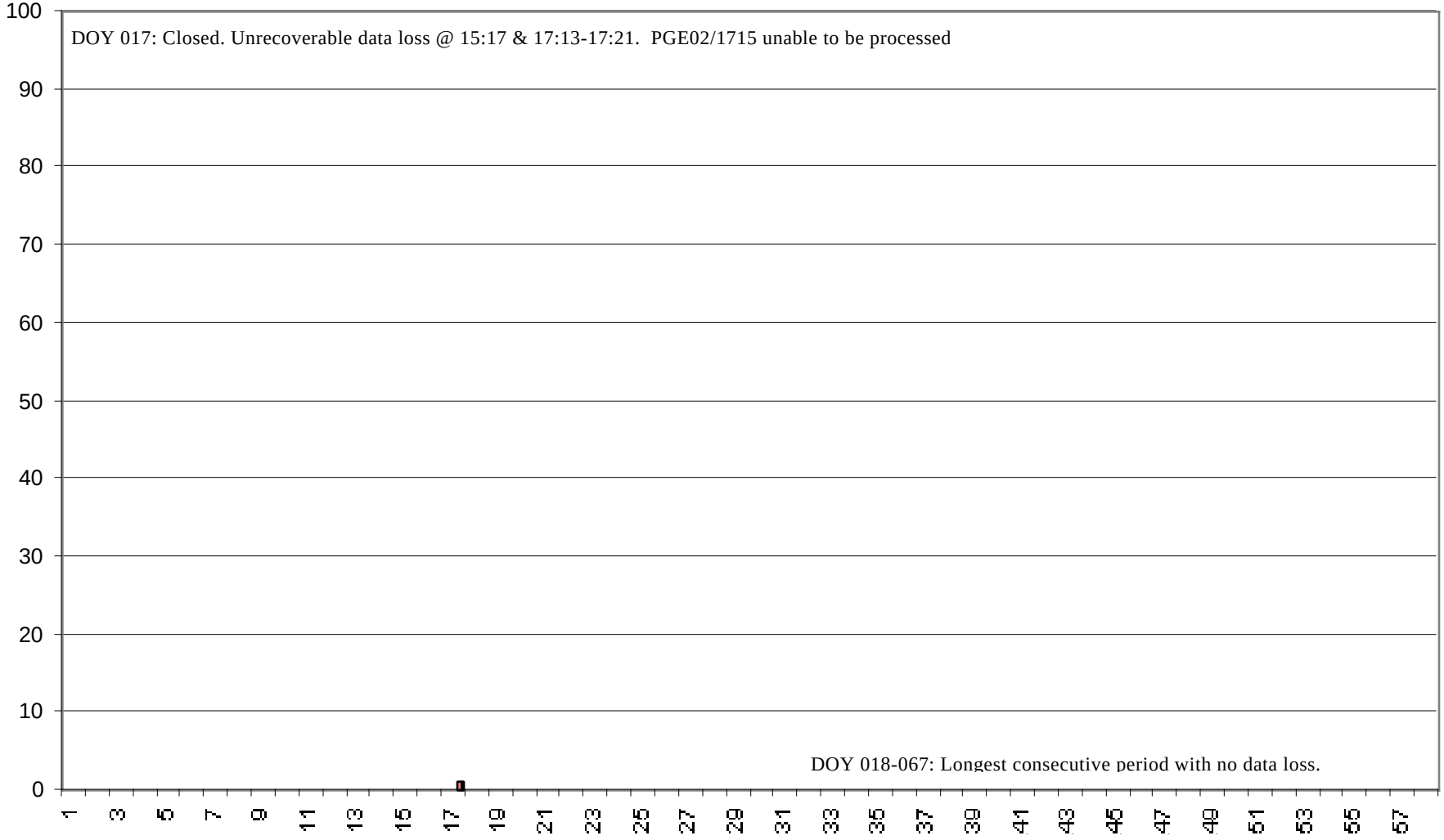
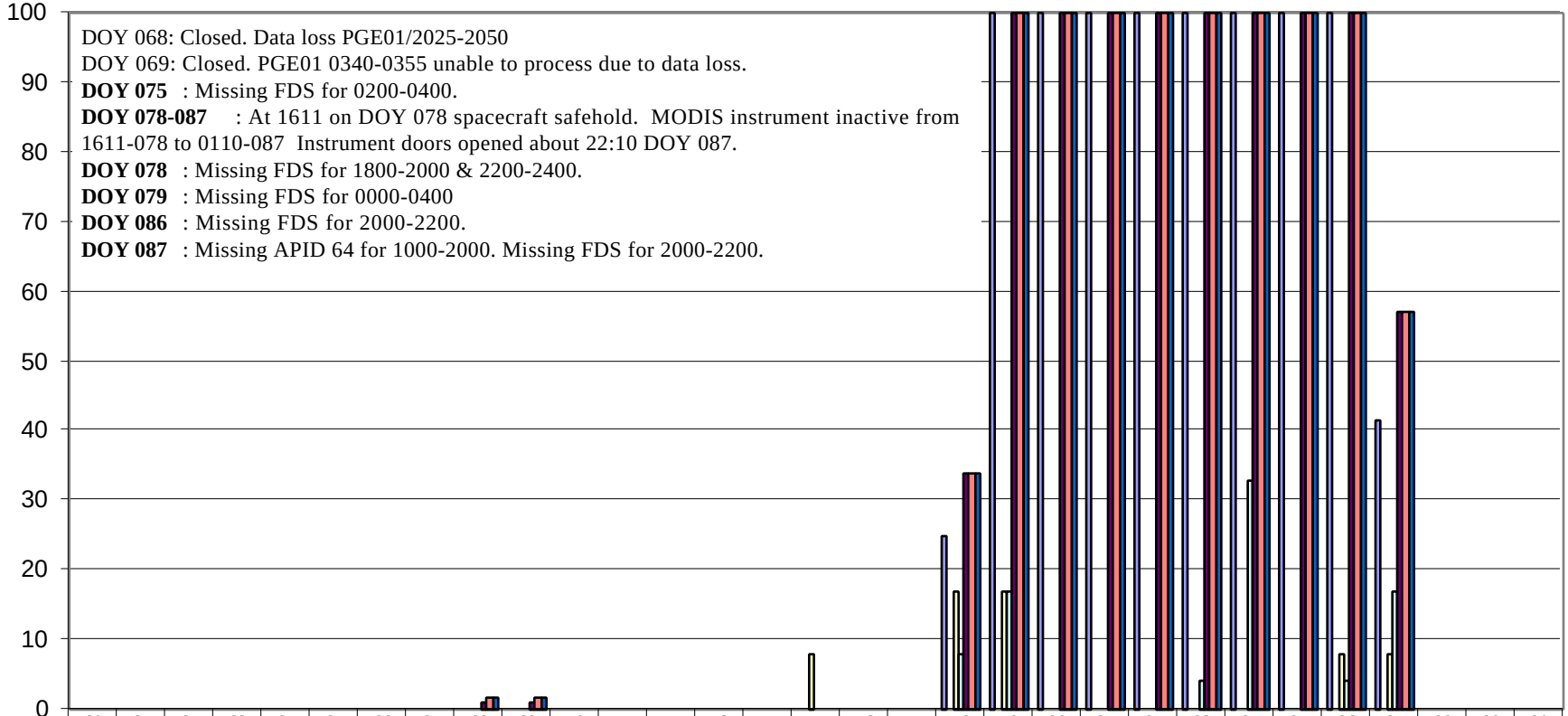
GDAAC Workload
Collection 003 for January-February 2002

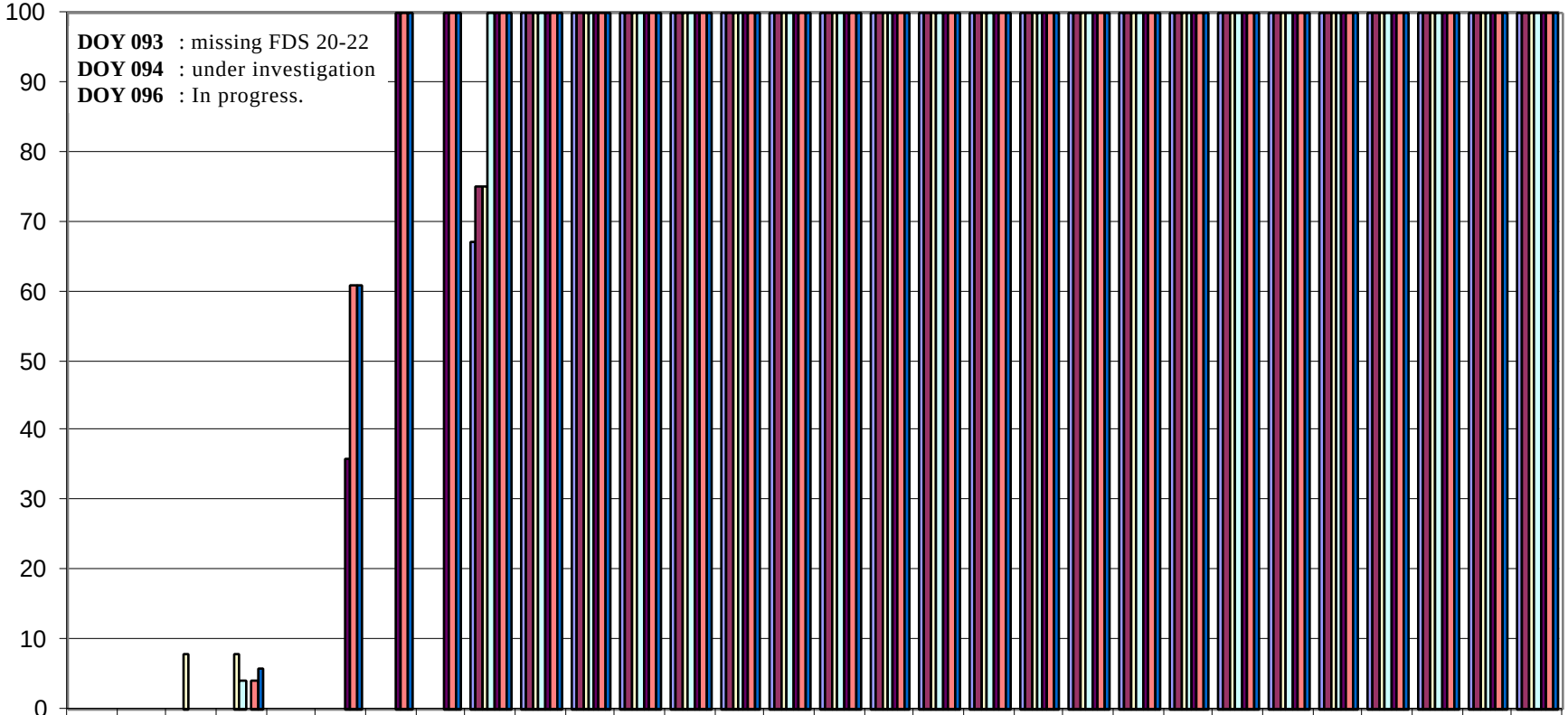


GDAAC Workload
March 2002



	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90
APID64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	100	100	100	100	100	100	100	100	42	0	0	0
APID04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FDD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	0	0	17	17	0	0	0	0	0	0	8	8	0	0	0
DPREP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	17	0	0	0	4	33	0	4	17	0	0	0
PGE01	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	34	100	100	100	100	100	100	100	100	57	0	0	0
PGE02	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	34	100	100	100	100	100	100	100	100	57	0	0	0
PGE03	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	34	100	100	100	100	100	100	100	100	57	0	0	0

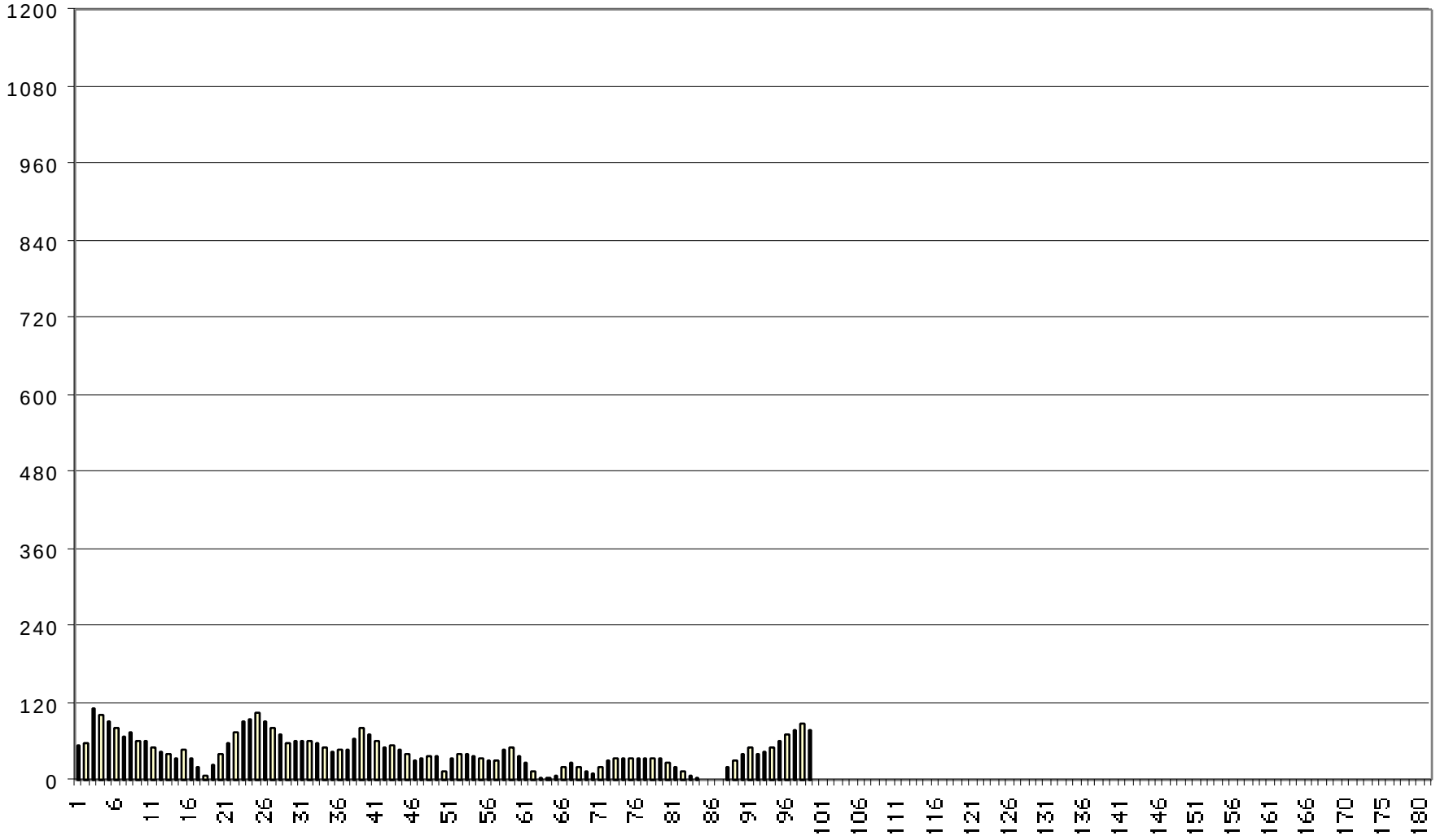
GDAAC Workload
April 2002



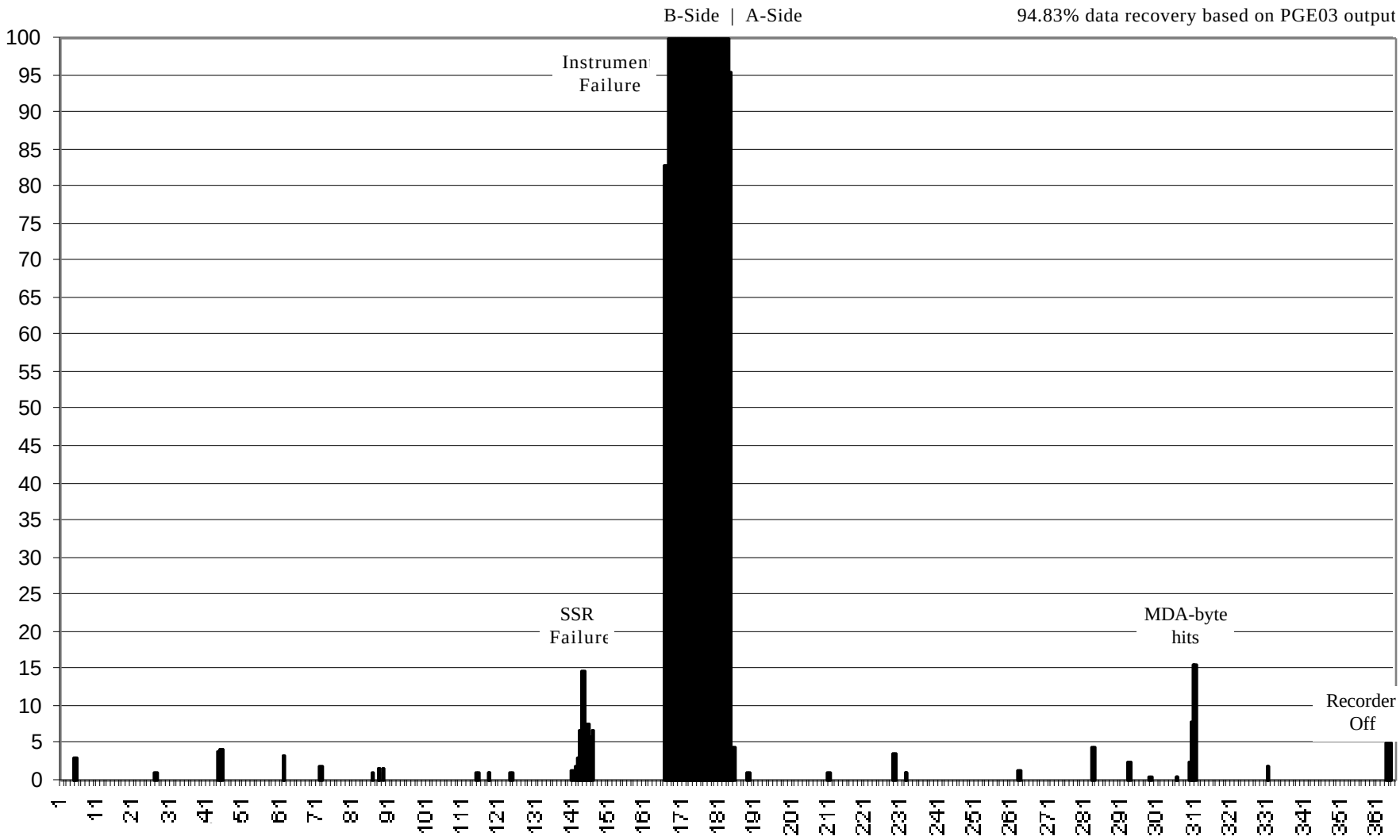
	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120
APID64	0	0	0	0	0	0	0	0	67	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
APID04	0	0	0	0	0	0	0	0	75	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
FDD	0	0	8	8	0	0	0	0	75	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
DPREP	0	0	0	4	0	0	0	0	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
PGE01	0	0	0	0	0	36	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
PGE02	0	0	0	4	0	61	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
PGE03	0	0	0	6	0	61	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

January-June 2002 Processing Backlog

(# of hours unprocessed data, exclusive of data gaps.)

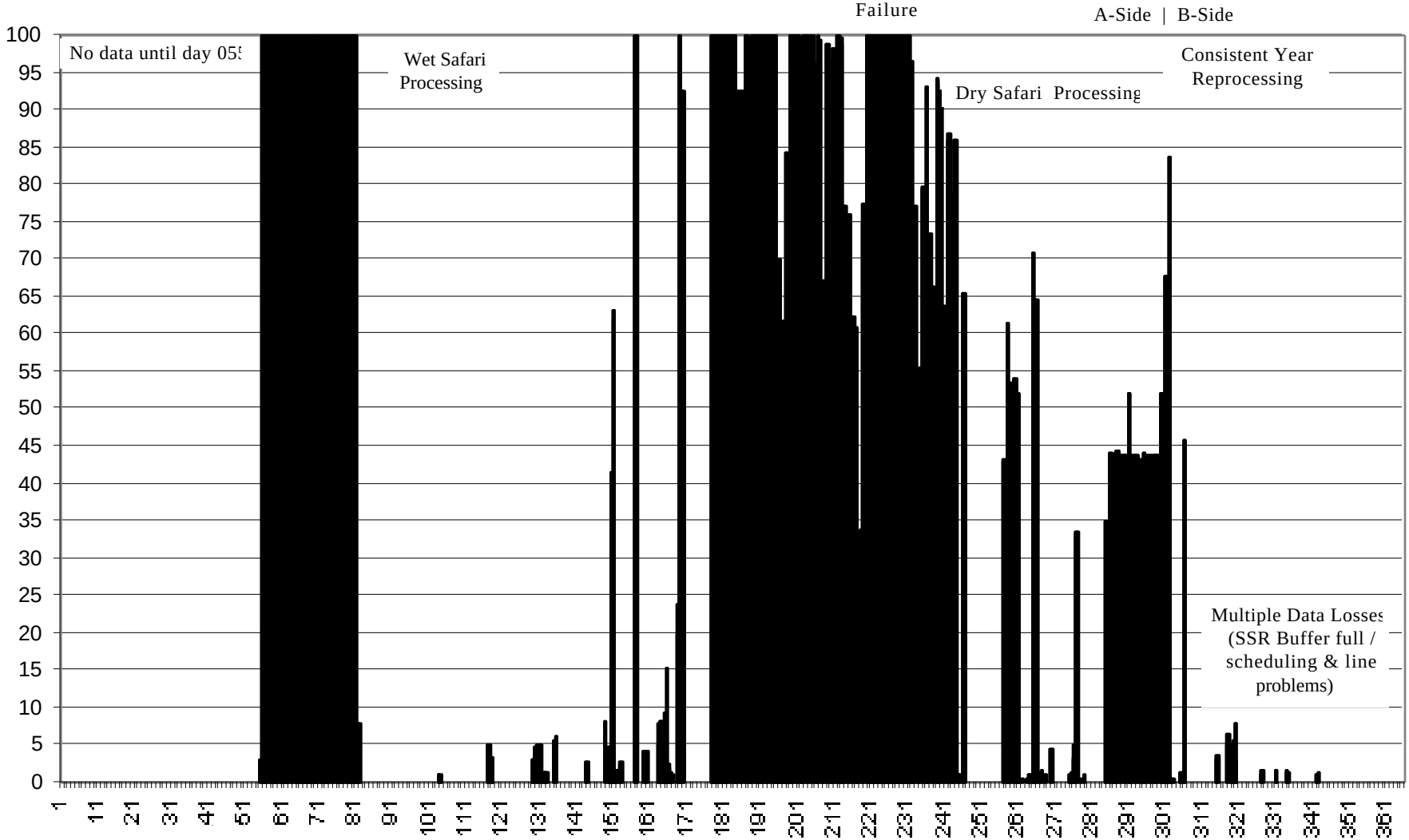


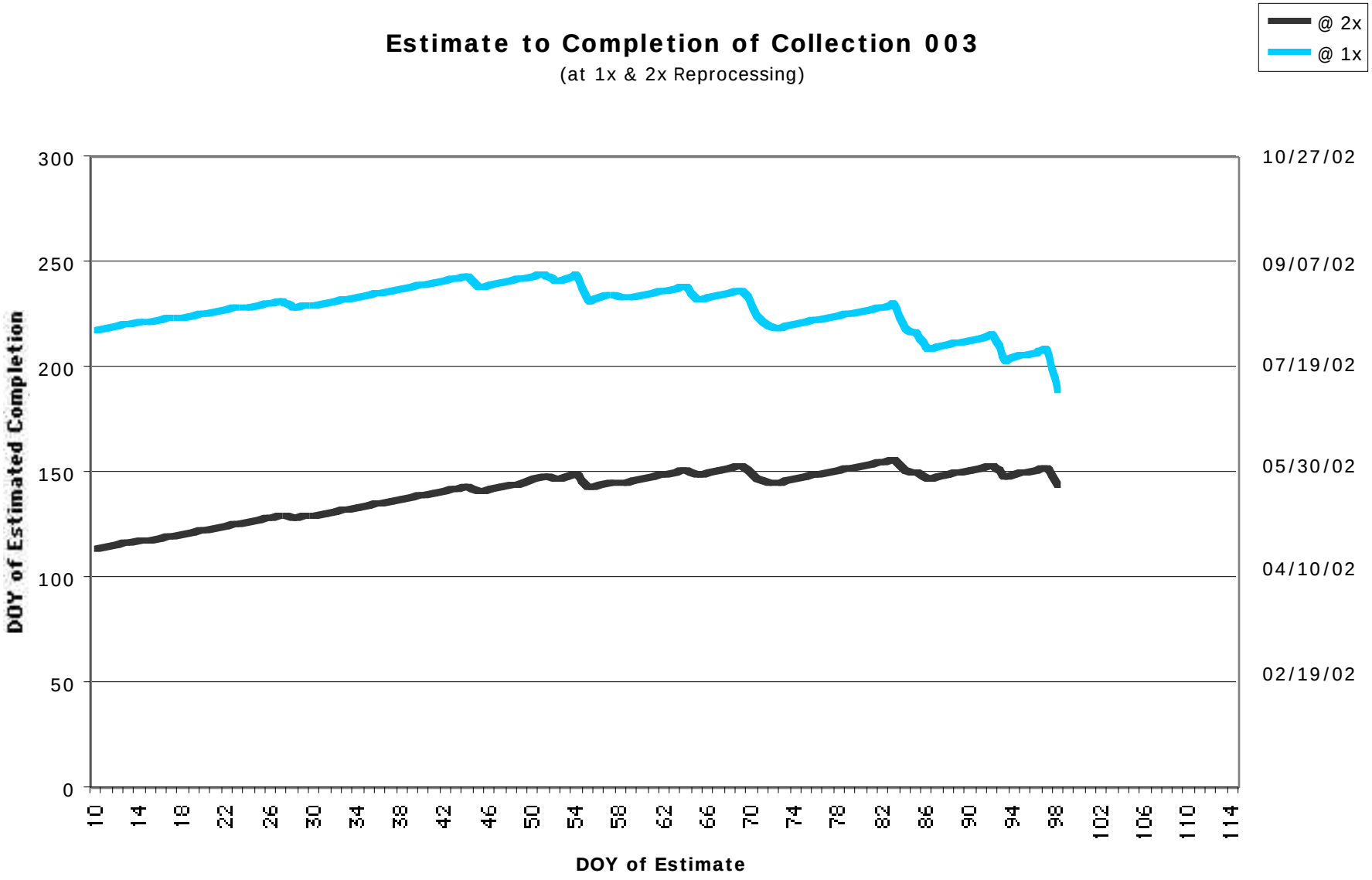
GDAAC Workload
Collection 003 for 2001



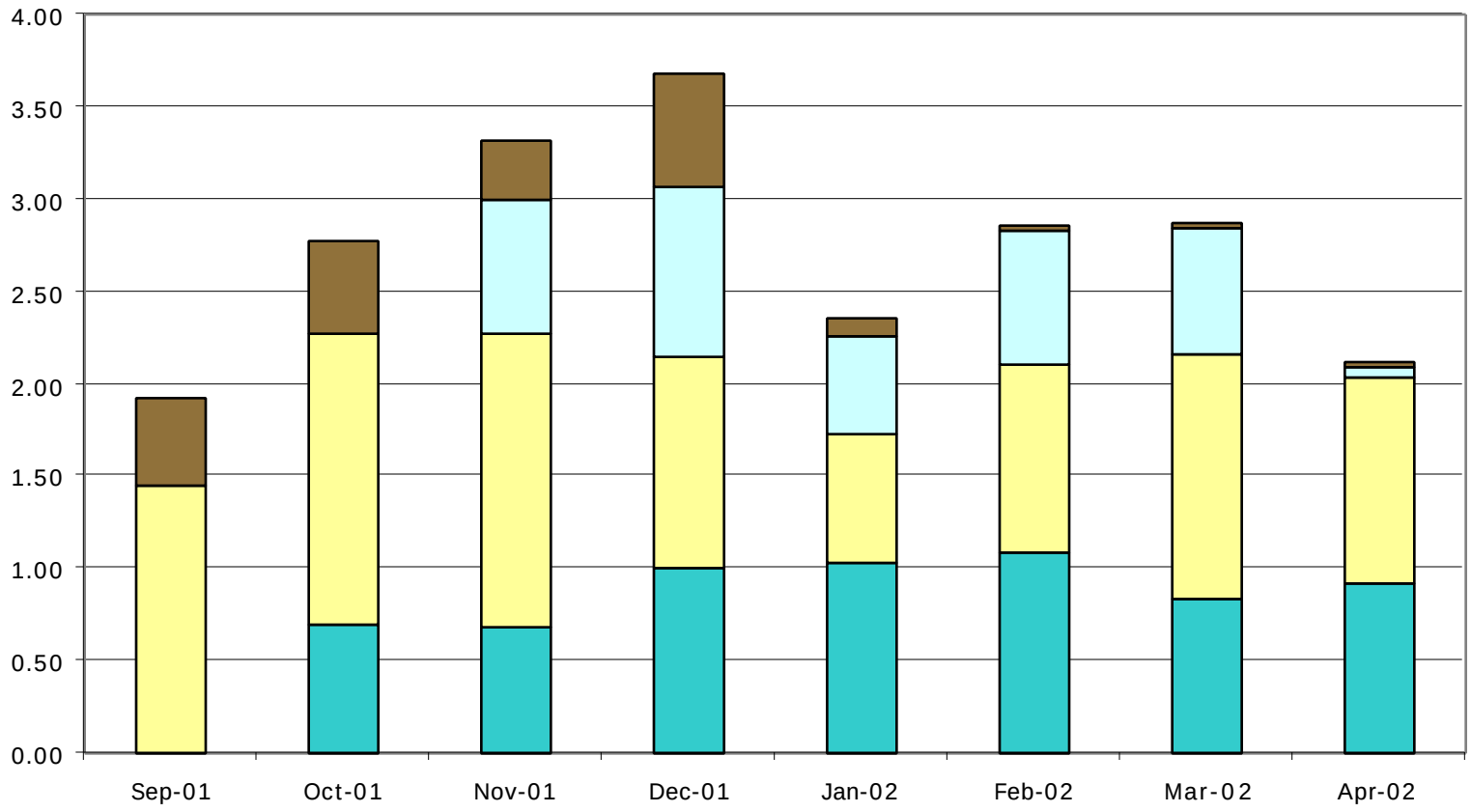
GDAAC Workload
Collection 003 for 2000

66.16% complete
Current Estimated Completion Dates
at 2x: 05/23/02
at 1x: 07/08/02




Estimate to Completion of Collection 003
(at 1x & 2x Reprocessing)
@ 2x
@ 1x
DOY of Estimated Completion
300
250
200
150
100
50
0
10/27/02
09/07/02
07/19/02
05/30/02
04/10/02
02/19/02
10
14
18
22
26
30
34
38
42
46
50
54
58
62
66
70
74
78
82
86
90
94
98
102
106
110
114
DOY of Estimate

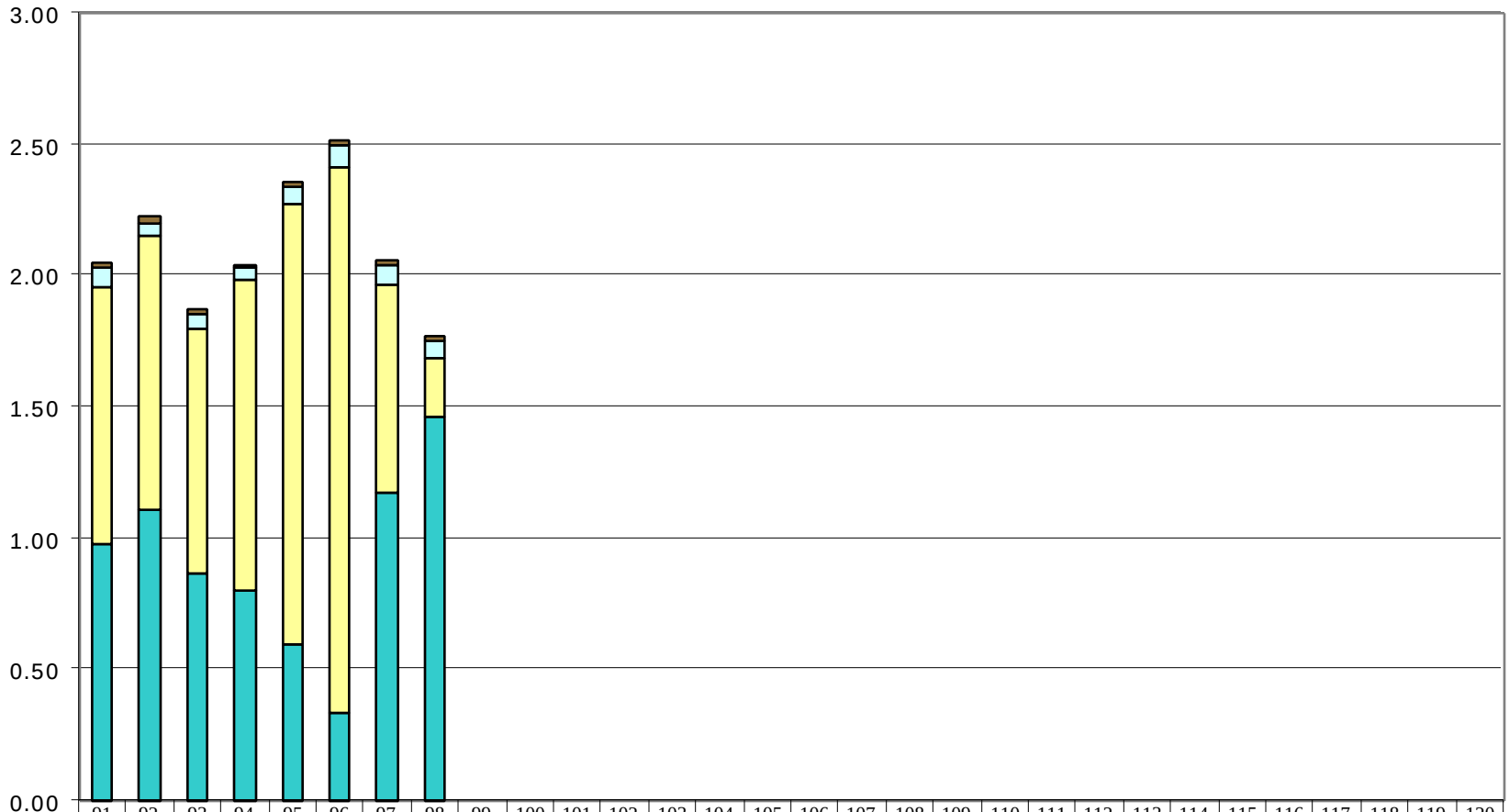
GDAAC Average Monthly Performance



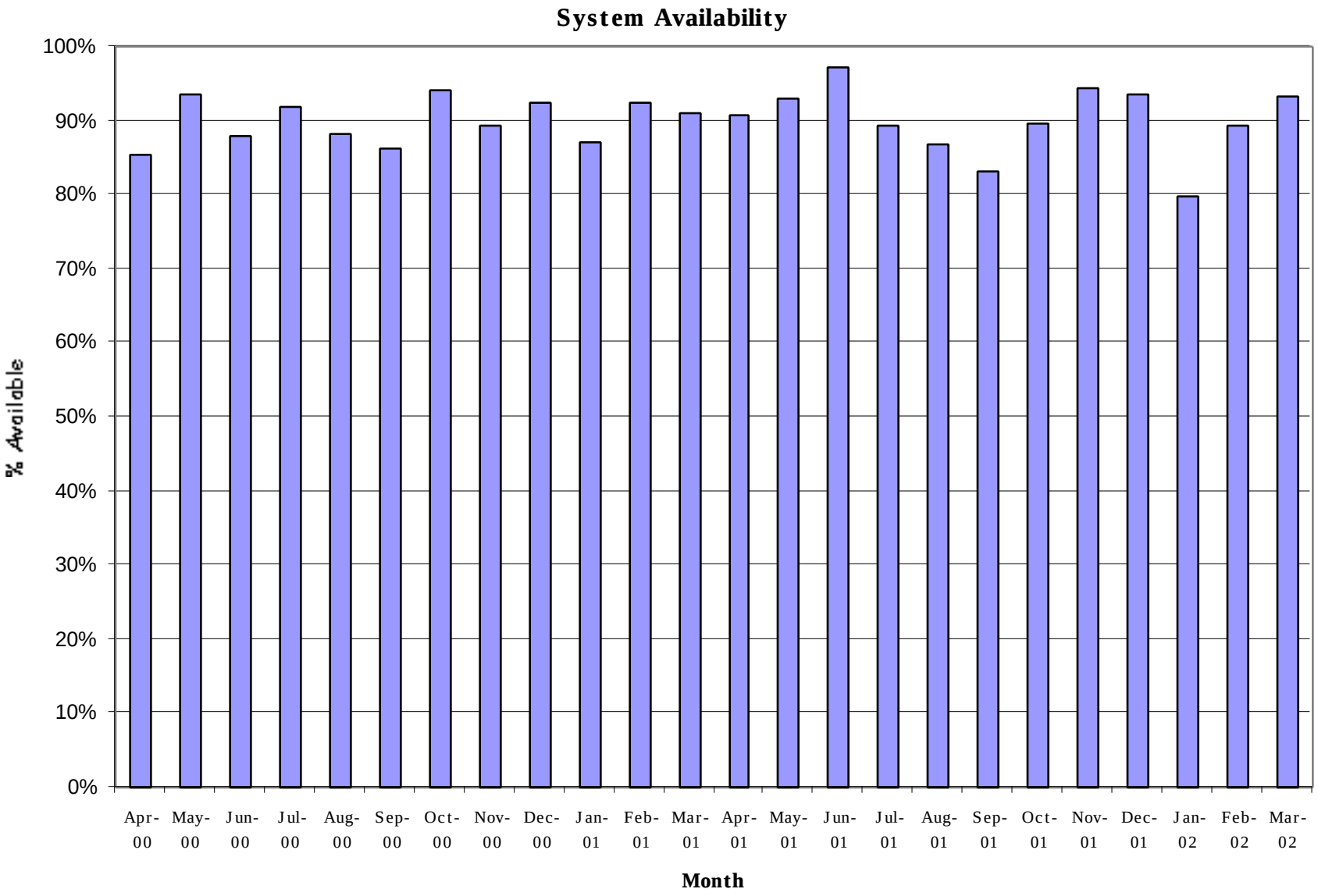
Note: Prior to mid-December data streams were jugglec between the various processing elements t support changing dat priorities and therefore do not necesserily reflect progress on the designate stream. The overall rates are accurately reflected.

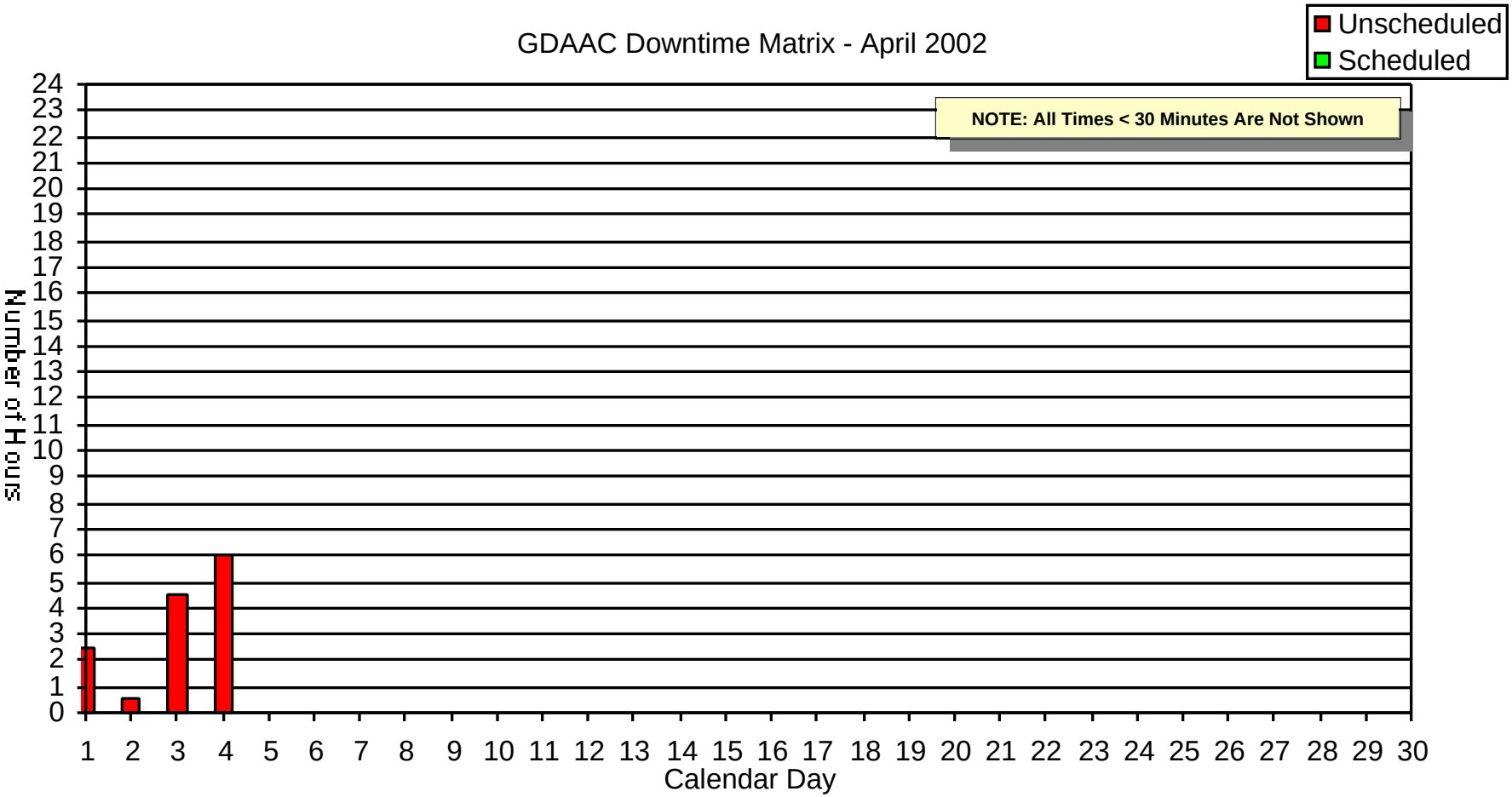
	Sep-01	Oct-01	Nov-01	Dec-01	Jan-02	Feb-02	Mar-02	Apr-02
PDPS	0.47	0.50	0.32	0.61	0.10	0.02	0.02	0.02
S4PM (SPG01)	0.00	0.00	0.73	0.92	0.53	0.73	0.69	0.06
S4PM Reprocessing	1.45	1.57	1.58	1.15	0.70	1.01	1.32	1.11
S4PM Forward	0.00	0.70	0.69	1.00	1.03	1.09	0.83	0.92

GDAAC Total Performance
April 2002



	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120
PDPS	0.02	0.03	0.02	0.01	0.02	0.02	0.02	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
S4PM (SPG01)	0.07	0.05	0.05	0.05	0.07	0.09	0.07	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
S4PM Reprocessing	0.98	1.04	0.93	1.18	1.67	2.07	0.80	0.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
S4PM Forward	0.98	1.11	0.87	0.80	0.60	0.34	1.17	1.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00


System Availability
100%
90%
80%
70%
60%
50%
40%
30%
20%
10%
0%
% Available
Apr-00
May-00
Jun-00
Jul-00
Aug-00
Sep-00
Oct-00
Nov-00
Dec-00
Jan-01
Feb-01
Mar-01
Apr-01
May-01
Jun-01
Jul-01
Aug-01
Sep-01
Oct-01
Nov-01
Dec-01
Jan-02
Feb-02
Mar-02
Month



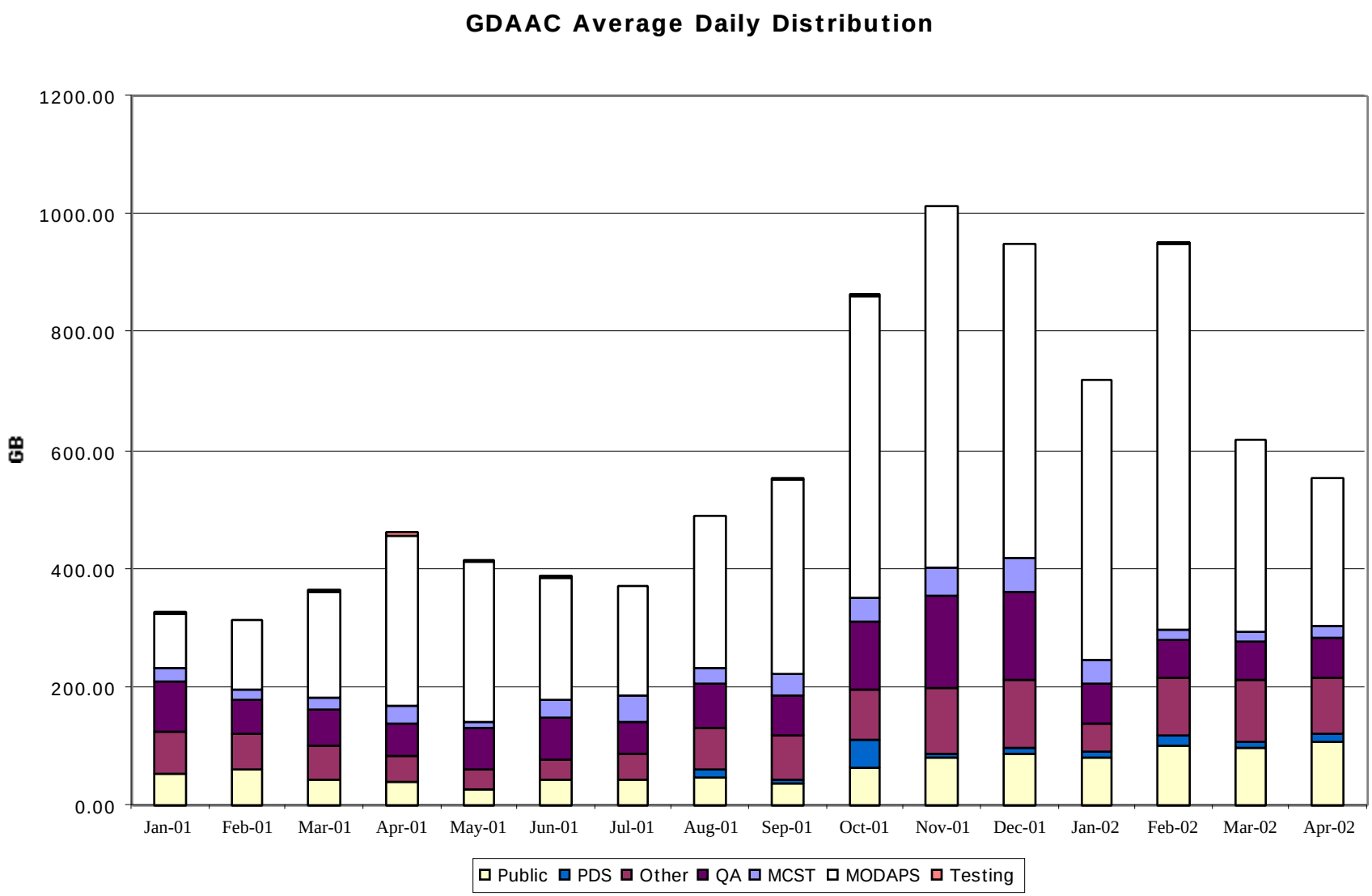
04/01: Ingest impacted due to ScienceDataServer memory size

04/01: AMASS issues on g0drg01

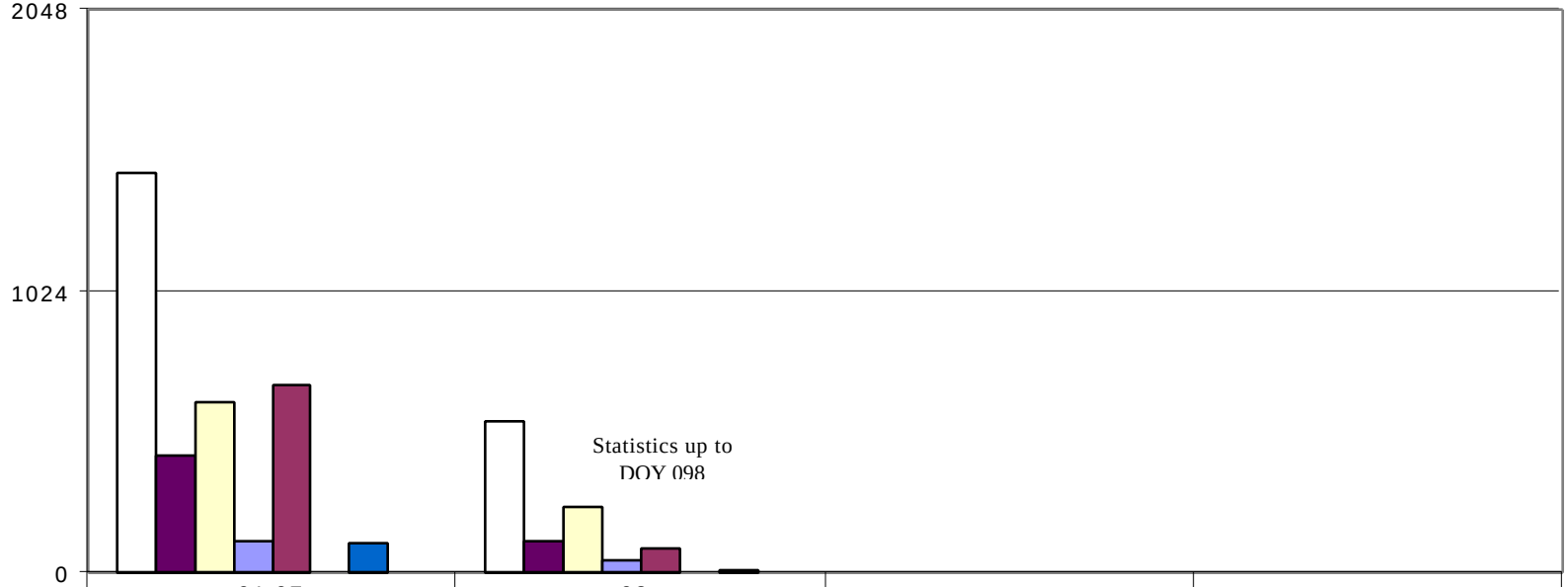
04/02: Distribution issues of g0drg02, g0dis02

04/03: g0acg01, g0drg02, hippi switch hardware issues

04/04: g0icg01 hardware issues

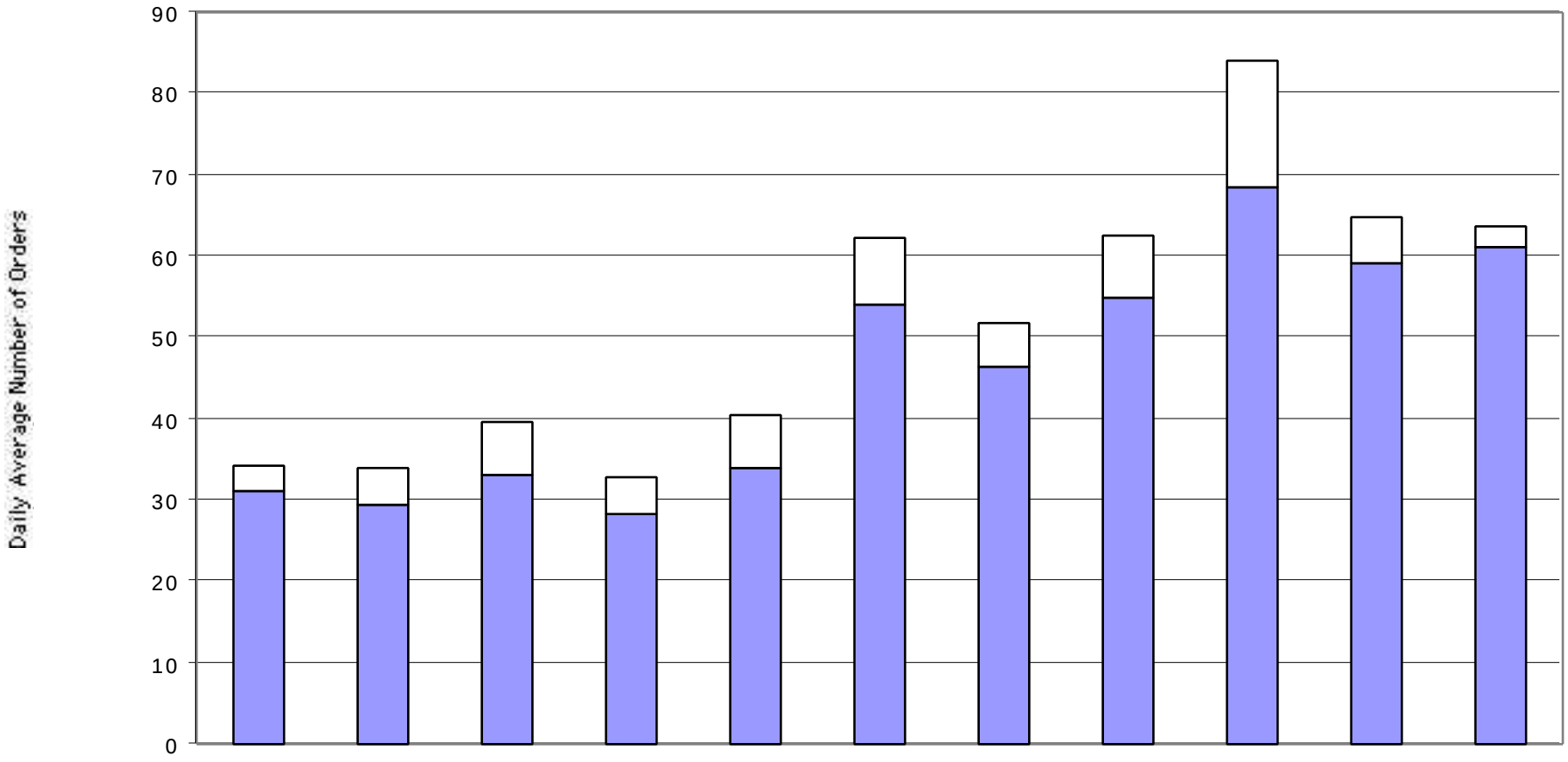

GDAAC Average Daily Distribution
GB
1200.00
1000.00
800.00
600.00
400.00
200.00
0.00
Jan-01
Feb-01
Mar-01
Apr-01
May-01
Jun-01
Jul-01
Aug-01
Sep-01
Oct-01
Nov-01
Dec-01
Jan-02
Feb-02
Mar-02
Apr-02
Public
PDS
Other
QA
MCST
MODAPS
Testing

GDAAC Weekly Totals
March 2002
(GB)



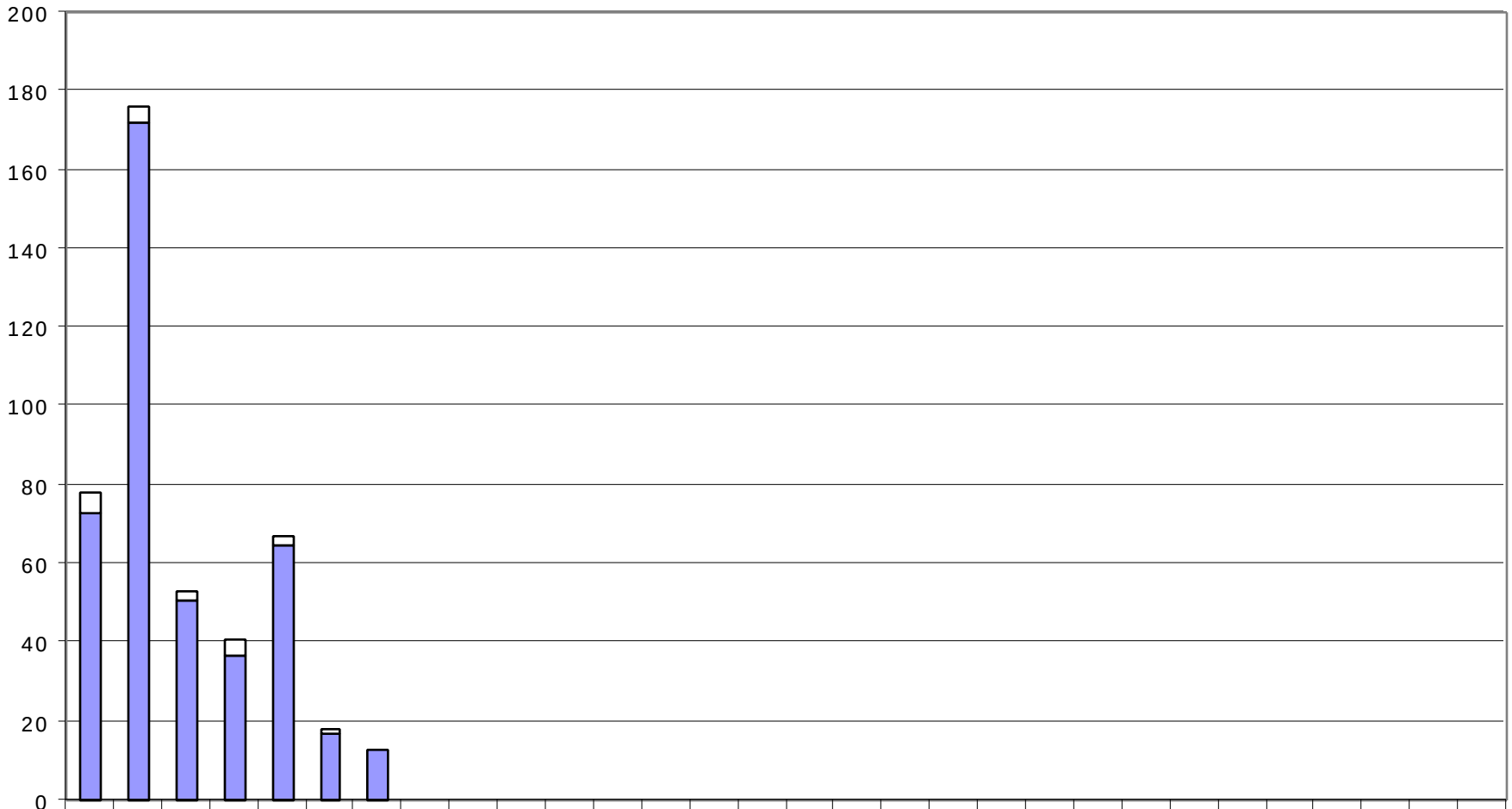
	91-97	98-	-	-
MODAPS	1454.15	546.01	0	0
QA	427.95	112.63	0	0
Public	618.19	238.62	0	0
MCST	118.55	42.73	0	0
Other	682.47	92.81	0	0
Testing	3.25	1.81	0	0
PDS	102.01	4.46	0	0
Number of Orders	446	0	0	0

Distribution: Initial Order Failures



	Jun-01	Jul-01	Aug-01	Sep-01	Oct-01	Nov-01	Dec-01	Jan-02	Feb-02	Mar-02	Apr-02
Error Rates	9%	13%	16%	14%	16%	13%	11%	12%	19%	9%	4%
Failed	3	4	6	5	6	8	5	8	16	6	3
Successful	31	29	33	28	34	54	46	55	68	59	61

April 2002 Distribution Order Initial Failure Rates



	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120
Failed	5	4	2	4	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Successful	73	172	51	37	65	17	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0