



Reliability of WLCG Tier-1 Sites + CERN for LHCb

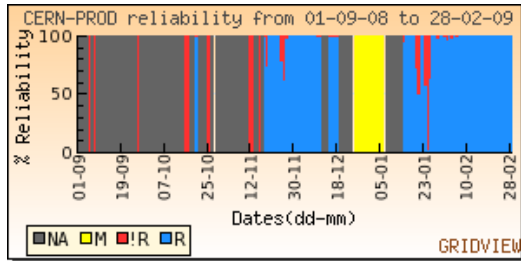
September 2008 - February 2009

Data from SAM Monitoring. Plots show Reliability for last 6 Months

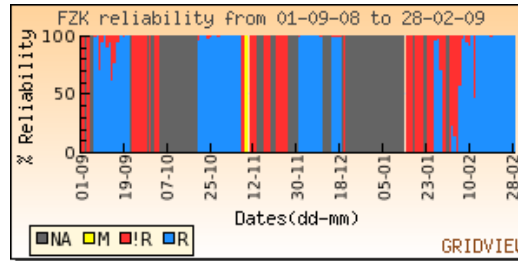
Reliability is calculated as $\text{time_site_is_available} / (\text{total_time} - \text{time_site_is_scheduled_down})$

Target reliability for each site is 95 % and Target for 8 best sites is 97 % from June, 2008

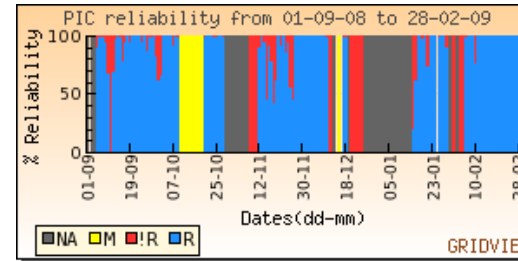
Target reliability for each site is 97 % and Target for 8 best sites is 98 % from January, 2009



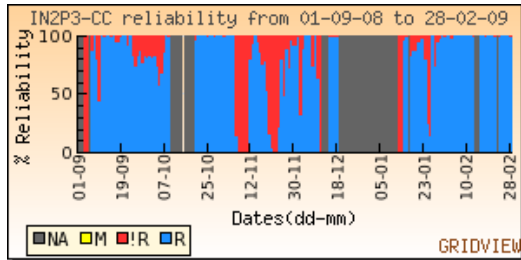
CERN Rel: 90 %



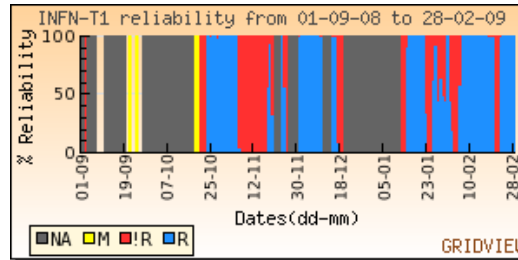
DE-KIT Rel: 73 %



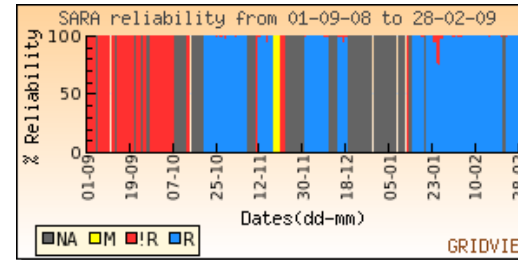
ES-PIC Rel: 88 %



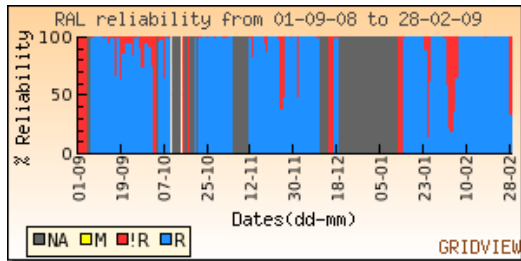
FR-CCIN2P3 Rel: 88 %



IT-INFN-CNAF Rel: 67 %



NL-T1 Rel: 91 %



UK-T1-RAL Rel: 91 %



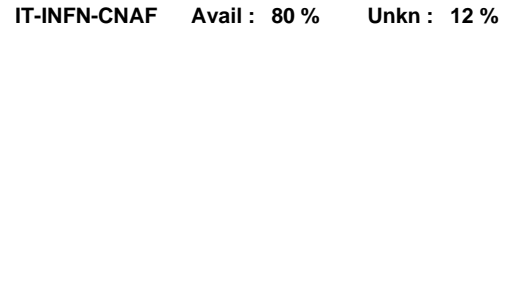
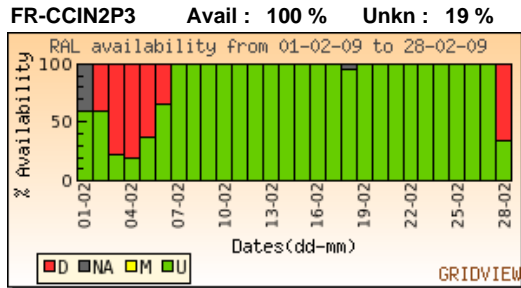
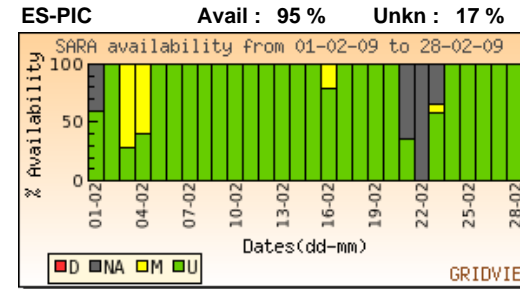
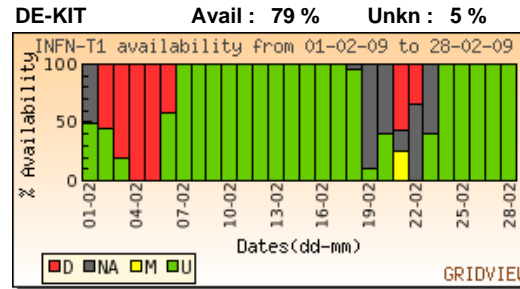
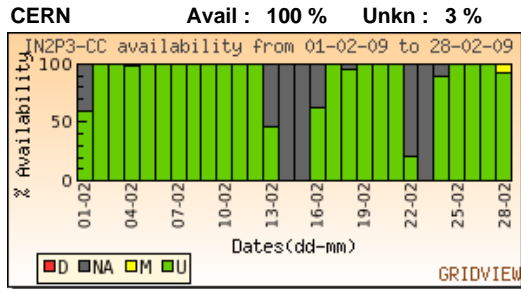
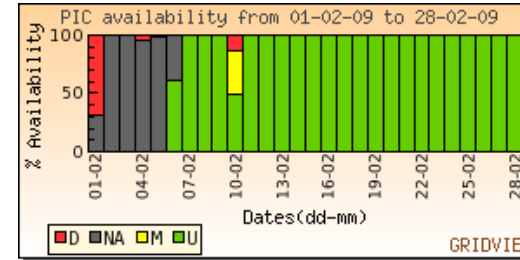
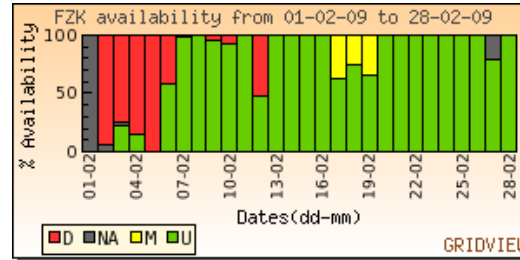
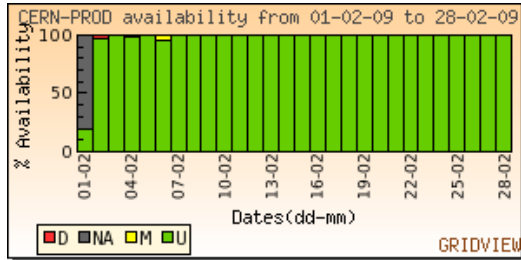
Availability of WLCG Tier-1 Sites + CERN for LHCb

February 2009

Data from SAM Monitoring.

Availability is calculated as $\text{time_site_is_available} / \text{total_time}$

Target reliability for each site is 97% and Target for 8 best sites is 98%



UK-T1-RAL Avail : 87% Unkn : 2%



Service Availability Data for WLCG Tier-1s + CERN for LHCb

February 2009

Reliability = time_site_is_available / (total_time - time_site_is_scheduled_down)

Availability = time_site_is_available / total_time

Target reliability for each site is 97 % and Target for 8 best sites is 98 %

Availability

Colour Coding Limits :

>= TARGET: 97 %

90% OF TARGET:

87 %

Unkn : Unknown

Date	CERN		DE-KIT		ES-PIC		FR-CCIN2P3		IT-INFN-CNAF		NL-T1		UK-T1-RAL		Average	
	Avail	Unkn	Avail	Unkn	Avail	Unkn	Avail	Unkn	Avail	Unkn	Avail	Unkn	Avail	Unkn	Avail	Unkn
01/02/2009	100	81	N/A	100	0	31	100	40	100	50	100	40	100	40	78	55
02/02/2009	97	0	0	6	N/A	100	100	0	45	0	100	0	60	0	68	15
03/02/2009	100	0	23	2	N/A	100	100	0	20	0	29	0	23	0	49	15
04/02/2009	99	0	15	0	0	95	99	0	0	0	41	0	19	0	45	14
05/02/2009	100	0	0	0	0	98	100	0	0	0	100	0	38	0	56	14
06/02/2009	96	0	58	0	100	39	100	0	58	0	100	0	65	0	82	6
07/02/2009	100	0	98	0	100	0	100	0	100	0	100	0	100	0	100	0
08/02/2009	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0
09/02/2009	100	0	96	0	100	0	100	0	100	0	100	0	100	0	99	0
10/02/2009	100	0	92	0	49	0	100	0	100	0	100	0	100	0	92	0
11/02/2009	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0
12/02/2009	100	0	48	0	100	0	100	0	100	0	100	0	100	0	93	0
13/02/2009	100	0	100	0	100	0	100	54	100	0	100	0	100	0	100	8
14/02/2009	100	0	100	0	100	0	N/A	100	100	0	100	0	100	0	100	14
15/02/2009	100	0	100	0	100	0	N/A	100	100	0	100	0	100	0	100	14
16/02/2009	100	0	100	0	100	0	100	38	100	0	79	0	100	0	97	5
17/02/2009	100	0	62	0	100	0	100	0	100	0	100	0	100	0	95	0
18/02/2009	100	0	75	0	100	0	100	4	100	4	100	0	100	4	96	2
19/02/2009	100	0	65	0	100	0	100	0	100	89	100	0	100	0	94	13
20/02/2009	100	0	100	0	100	0	100	0	100	60	100	0	100	0	100	9
21/02/2009	100	0	100	0	100	0	100	0	0	17	100	64	100	0	87	12
22/02/2009	100	0	100	0	100	0	100	79	0	65	N/A	100	100	0	92	35
23/02/2009	100	0	100	0	100	0	N/A	100	100	60	89	35	100	0	99	28
24/02/2009	100	0	100	0	100	0	100	10	100	0	100	0	100	0	100	1
25/02/2009	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0
26/02/2009	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0
27/02/2009	100	0	100	21	100	0	100	0	100	0	100	0	100	0	100	3
28/02/2009	100	0	100	0	100	0	93	0	100	0	100	0	35	0	90	0
Average	100	3	79	5	95	17	100	19	80	12	94	9	87	2	90	9

Average Availability for all sites: 82 %

Average Availability for 8 best sites : 82 %



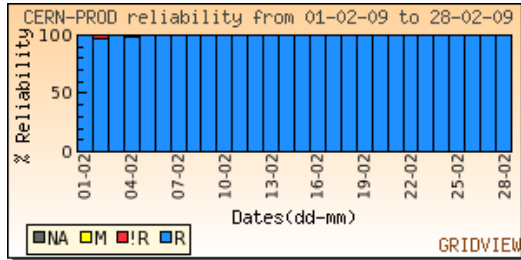
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February 2009

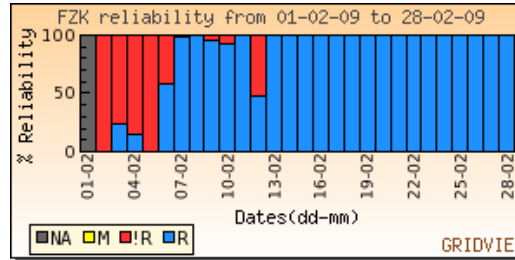
Data from SAM Monitoring.

Reliability is calculated as $\text{time_site_is_available} / (\text{total_time} - \text{time_site_is_scheduled_down})$

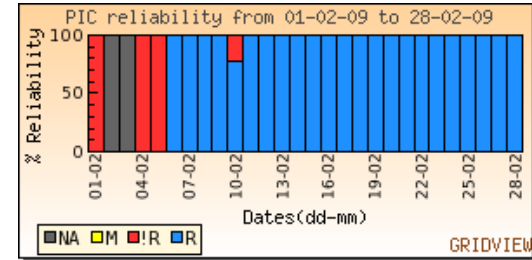
Target reliability for each site is 97% and Target for 8 best sites is 98%



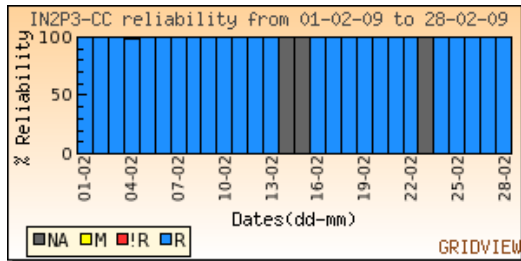
CERN Rel: 100%



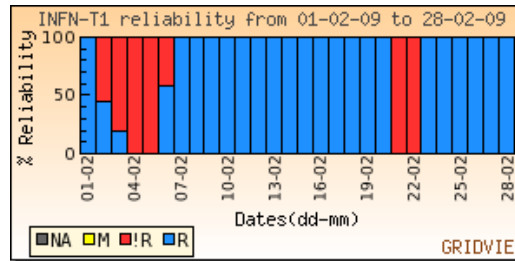
DE-KIT Rel: 82%



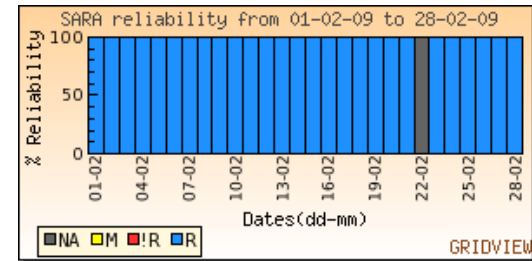
ES-PIC Rel: 96%



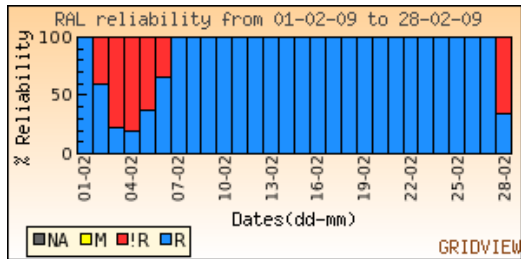
FR-CCIN2P3 Rel: 100%



IT-INFN-CNAF Rel: 81%



NL-T1 Rel: 100%



UK-T1-RAL Rel: 87%



Service Availability Data for WLCG Tier-1s + CERN for LHCb

February 2009

Reliability = $\text{time_site_is_available} / (\text{total_time} - \text{time_site_is_scheduled_down})$

Availability = $\text{time_site_is_available} / \text{total_time}$

Target reliability for each site is 97 % and Target for 8 best sites is 98 %

Reliability

Colour Coding Limits : **>= TARGET: 97 %**

90% OF TARGET: 87 %

Date	CERN	DE-KIT	ES-PIC	FR-CCIN2P3	IT-INFN-CNAF	NL-T1	UK-T1-RAL	Average Reliability
01/02/2009	100 %	N/A	0 %	100 %	100 %	100 %	100 %	78 %
02/02/2009	97 %	0 %	N/A	100 %	45 %	100 %	60 %	68 %
03/02/2009	100 %	23 %	N/A	100 %	20 %	100 %	23 %	56 %
04/02/2009	99 %	15 %	0 %	99 %	0 %	100 %	19 %	50 %
05/02/2009	100 %	0 %	0 %	100 %	0 %	100 %	38 %	56 %
06/02/2009	100 %	58 %	100 %	100 %	58 %	100 %	65 %	82 %
07/02/2009	100 %	98 %	100 %	100 %	100 %	100 %	100 %	100 %
08/02/2009	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
09/02/2009	100 %	96 %	100 %	100 %	100 %	100 %	100 %	99 %
10/02/2009	100 %	92 %	78 %	100 %	100 %	100 %	100 %	97 %
11/02/2009	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
12/02/2009	100 %	48 %	100 %	100 %	100 %	100 %	100 %	93 %
13/02/2009	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
14/02/2009	100 %	100 %	100 %	N/A	100 %	100 %	100 %	100 %
15/02/2009	100 %	100 %	100 %	N/A	100 %	100 %	100 %	100 %
16/02/2009	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
17/02/2009	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
18/02/2009	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
19/02/2009	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
20/02/2009	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
21/02/2009	100 %	100 %	100 %	100 %	0 %	100 %	100 %	90 %
22/02/2009	100 %	100 %	100 %	100 %	0 %	N/A	100 %	92 %
23/02/2009	100 %	100 %	100 %	N/A	100 %	100 %	100 %	100 %
24/02/2009	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
25/02/2009	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
26/02/2009	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
27/02/2009	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
28/02/2009	100 %	100 %	100 %	100 %	100 %	100 %	35 %	91 %
Average	100 %	82 %	96 %	100 %	81 %	100 %	87 %	92 %

Average Reliability for all sites: **92 %**

Average Reliability for 8 best sites : **92 %**



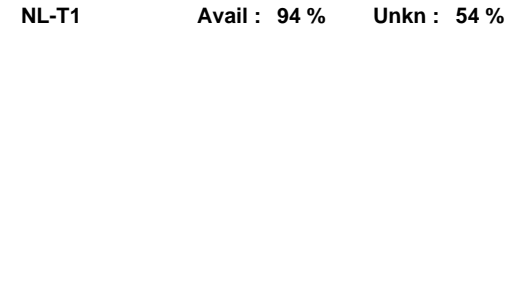
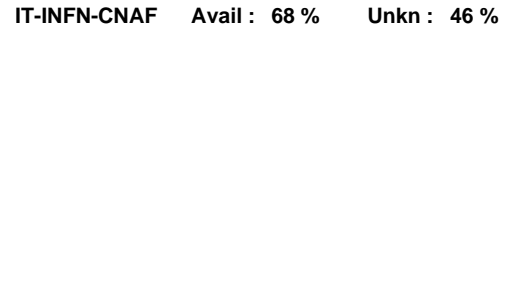
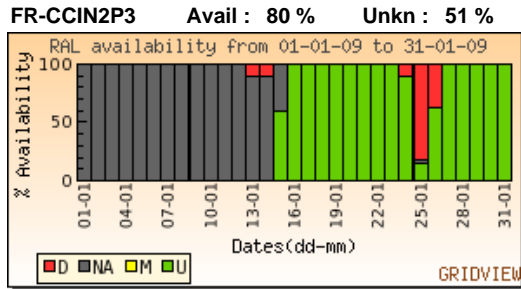
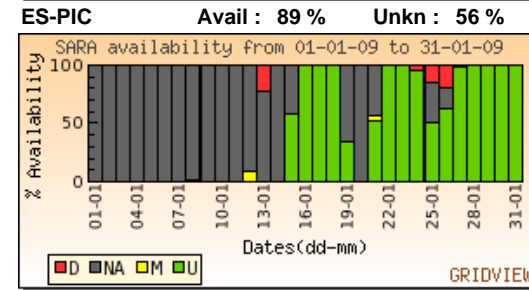
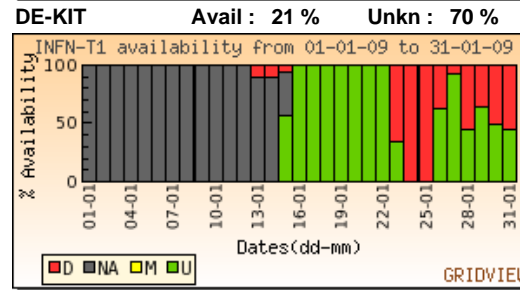
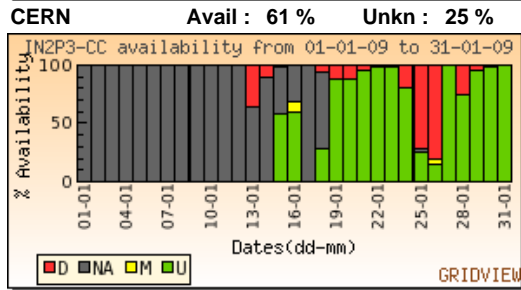
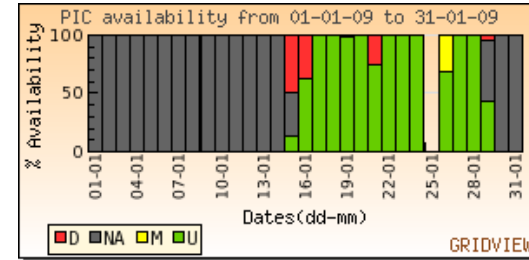
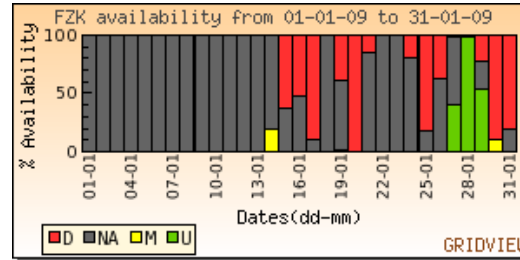
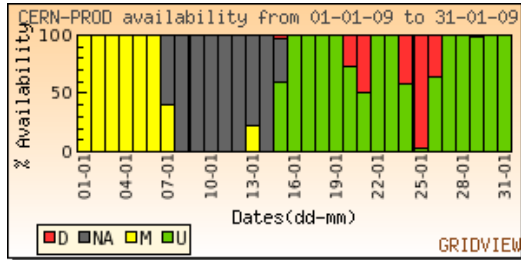
Availability of WLCG Tier-1 Sites + CERN for LHCb

January 2009

Data from SAM Monitoring.

Availability is calculated as $\text{time_site_is_available} / \text{total_time}$

Target reliability for each site is 97% and Target for 8 best sites is 98%





Service Availability Data for WLCG Tier-1s + CERN for LHCb

January 2009

Reliability = $\text{time_site_is_available} / (\text{total_time} - \text{time_site_is_scheduled_down})$

Availability = $\text{time_site_is_available} / \text{total_time}$

Target reliability for each site is 97 % and Target for 8 best sites is 98 %

Availability

Colour Coding Limits :

>= TARGET: 97 %

90% OF TARGET:

87 %

Unkn : Unknown

Date	CERN		DE-KIT		ES-PIC		FR-CCIN2P3		IT-INFN-CNAF		NL-T1		UK-T1-RAL		Average	
	Avail	Unkn	Avail	Unkn	Avail	Unkn	Avail	Unkn	Avail	Unkn	Avail	Unkn	Avail	Unkn	Avail	Unkn
01/01/2009	0	0	0	100	0	100	0	100	0	100	0	100	0	100	0	86
02/01/2009	0	0	0	100	0	100	0	100	0	100	0	100	0	100	0	86
03/01/2009	0	0	0	100	0	100	0	100	0	100	0	100	0	100	0	86
04/01/2009	0	0	0	100	0	100	0	100	0	100	0	100	0	100	0	86
05/01/2009	0	0	0	100	0	100	0	100	0	100	0	100	0	100	0	86
06/01/2009	0	0	0	100	0	100	0	100	0	100	0	100	0	100	0	86
07/01/2009	0	59	0	100	0	100	0	100	0	100	0	100	0	100	0	94
08/01/2009	0	100	0	100	0	100	0	100	0	100	0	98	0	100	0	100
09/01/2009	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100
10/01/2009	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100
11/01/2009	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100
12/01/2009	0	100	0	100	0	100	0	100	0	100	0	91	0	100	0	99
13/01/2009	0	77	0	100	0	100	0	64	0	89	0	77	0	89	0	85
14/01/2009	0	100	0	80	0	100	0	90	0	90	0	100	0	90	0	93
15/01/2009	97	37	0	37	21	37	97	40	91	37	100	42	100	40	72	39
16/01/2009	100	0	0	48	62	0	87	31	100	0	100	0	100	0	84	11
17/01/2009	100	0	0	10	100	0	0	100	100	0	100	0	100	0	85	16
18/01/2009	100	0	0	100	100	0	82	65	100	0	100	0	100	0	99	24
19/01/2009	100	0	0	60	98	0	88	0	100	0	100	66	100	0	90	18
20/01/2009	73	0	0	0	100	0	88	0	100	0	0	100	100	0	77	14
21/01/2009	51	0	0	85	75	0	96	0	100	0	92	44	100	0	83	18
22/01/2009	100	0	0	100	100	0	98	0	100	0	100	0	100	0	100	14
23/01/2009	100	0	0	100	100	0	98	0	35	0	100	0	100	0	89	14
24/01/2009	58	0	0	80	100	0	81	0	0	0	95	0	90	0	68	11
25/01/2009	3	0	0	18	N/A	0	26	3	0	0	78	34	16	3	17	10
26/01/2009	64	0	0	62	69	0	15	0	62	0	76	18	63	0	54	11
27/01/2009	100	0	98	59	100	0	100	0	92	0	98	0	100	0	98	8
28/01/2009	100	0	98	0	100	0	75	0	45	0	100	0	100	0	88	0
29/01/2009	98	0	71	24	92	52	96	0	64	0	100	0	100	0	89	11
30/01/2009	100	0	0	0	0	100	98	0	50	0	100	0	100	0	75	14
31/01/2009	100	0	0	19	0	100	100	0	45	0	100	0	100	0	77	17
Average	61	25	21	70	89	56	80	51	68	46	94	54	91	46	74	50

Average Availability for all sites: 37 %

Average Availability for 8 best sites : 37 %



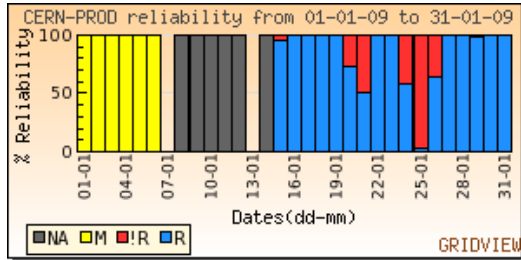
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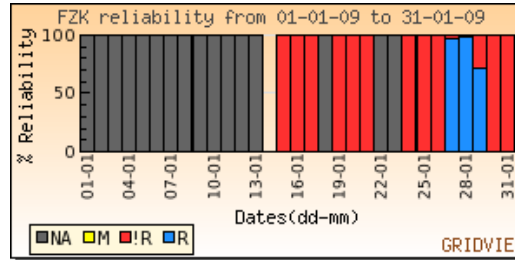
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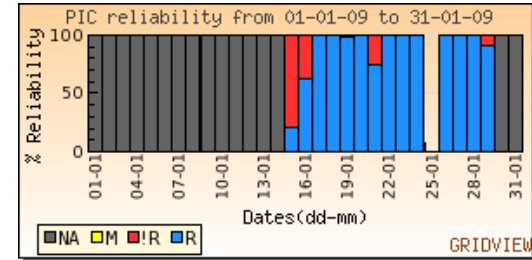
Target reliability for each site is 97% and Target for 8 best sites is 98%



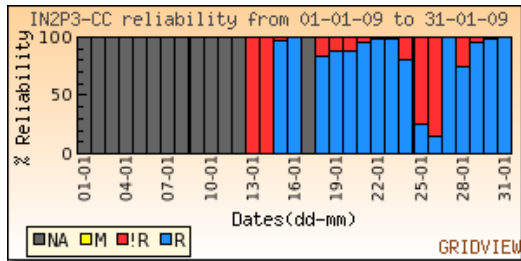
CERN Rel: 85%



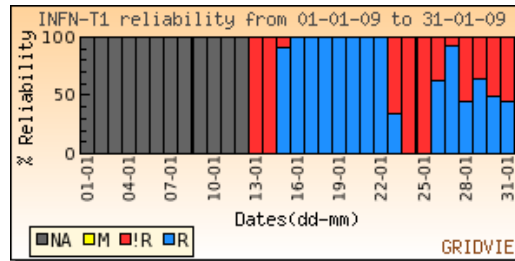
DE-KIT Rel: 22%



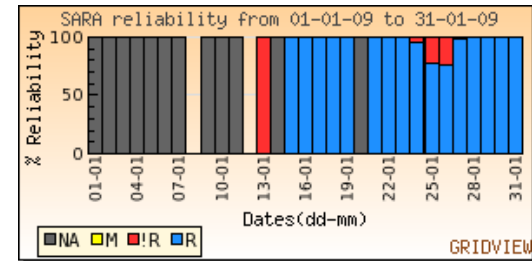
ES-PIC Rel: 91%



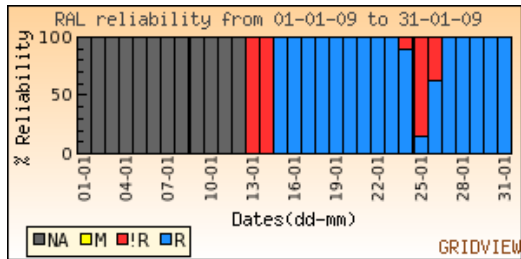
FR-CCIN2P3 Rel: 80%



IT-INFN-CNAF Rel: 68%



NL-T1 Rel: 95%



UK-T1-RAL Rel: 91%



Service Availability Data for WLCG Tier-1s + CERN for LHCb

January 2009

Reliability = $\text{time_site_is_available} / (\text{total_time} - \text{time_site_is_scheduled_down})$

Availability = $\text{time_site_is_available} / \text{total_time}$

Target reliability for each site is 97 % and Target for 8 best sites is 98 %

Reliability

Colour Coding Limits : **>= TARGET: 97 %**

90% OF TARGET: 87 %

Date	CERN	DE-KIT	ES-PIC	FR-CCIN2P3	IT-INFN-CNAF	NL-T1	UK-T1-RAL	Average Reliability
01/01/2009	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
02/01/2009	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
03/01/2009	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
04/01/2009	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
05/01/2009	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
06/01/2009	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
07/01/2009	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
08/01/2009	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/01/2009	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/01/2009	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/01/2009	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
12/01/2009	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
13/01/2009	N/A	N/A	N/A	0 %	0 %	0 %	0 %	0 %
14/01/2009	N/A	N/A	N/A	0 %	0 %	N/A	0 %	0 %
15/01/2009	97 %	0 %	21 %	97 %	91 %	100 %	100 %	72 %
16/01/2009	100 %	0 %	62 %	100 %	100 %	100 %	100 %	85 %
17/01/2009	100 %	0 %	100 %	N/A	100 %	100 %	100 %	85 %
18/01/2009	100 %	N/A	100 %	82 %	100 %	100 %	100 %	99 %
19/01/2009	100 %	0 %	98 %	88 %	100 %	100 %	100 %	91 %
20/01/2009	73 %	0 %	100 %	88 %	100 %	N/A	100 %	77 %
21/01/2009	51 %	0 %	75 %	96 %	100 %	100 %	100 %	84 %
22/01/2009	100 %	N/A	100 %	98 %	100 %	100 %	100 %	100 %
23/01/2009	100 %	N/A	100 %	98 %	35 %	100 %	100 %	89 %
24/01/2009	58 %	0 %	100 %	81 %	0 %	95 %	90 %	68 %
25/01/2009	3 %	0 %	N/A	26 %	0 %	78 %	16 %	17 %
26/01/2009	64 %	0 %	100 %	16 %	62 %	76 %	63 %	57 %
27/01/2009	100 %	98 %	100 %	100 %	92 %	98 %	100 %	98 %
28/01/2009	100 %	98 %	100 %	75 %	45 %	100 %	100 %	88 %
29/01/2009	98 %	71 %	92 %	96 %	64 %	100 %	100 %	89 %
30/01/2009	100 %	0 %	N/A	98 %	50 %	100 %	100 %	76 %
31/01/2009	100 %	0 %	N/A	100 %	45 %	100 %	100 %	77 %
Average	85 %	22 %	91 %	80 %	68 %	95 %	91 %	79 %

Average Reliability for all sites: **79 %**

Average Reliability for 8 best sites : **79 %**



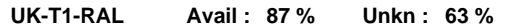
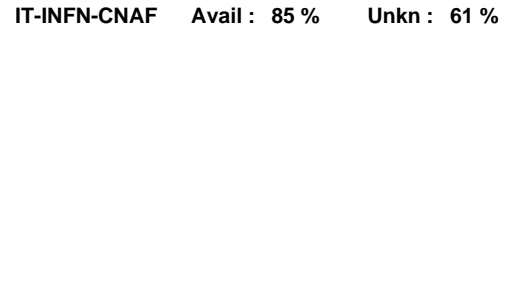
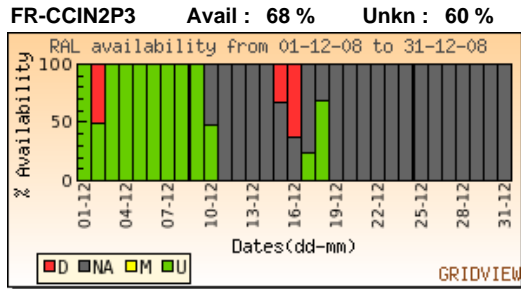
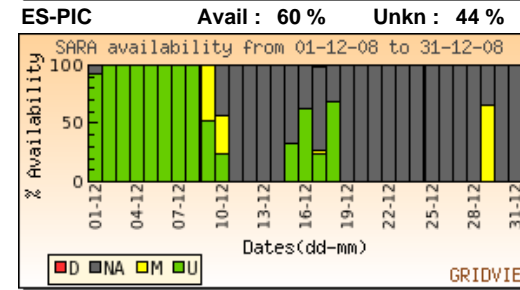
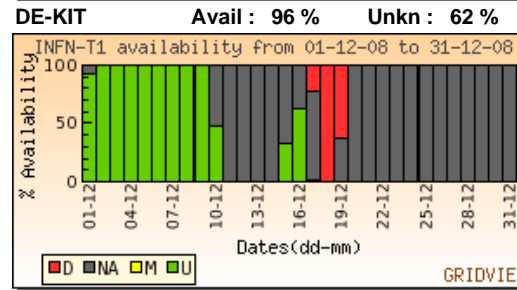
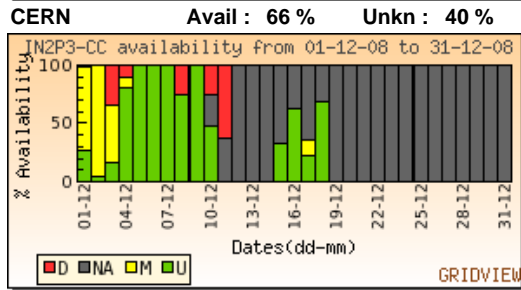
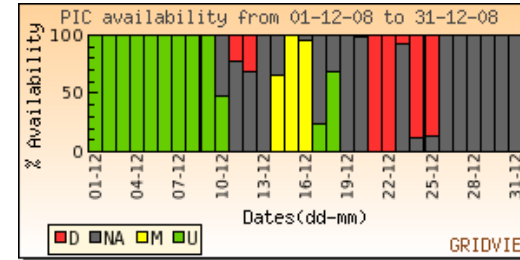
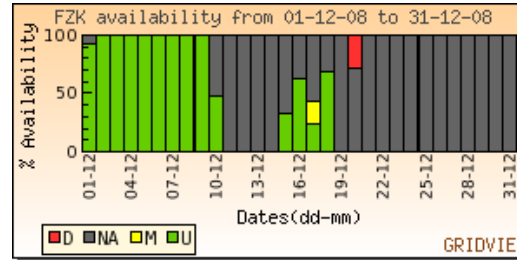
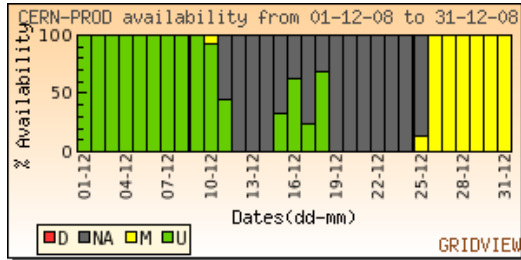
Availability of WLCG Tier-1 Sites + CERN for LHCb

December 2008

Data from SAM Monitoring.

Availability is calculated as $\text{time_site_is_available} / \text{total_time}$

Target reliability for each site is 95 % and Target for 8 best sites is 97 %





Service Availability Data for WLCG Tier-1s + CERN for LHCb

December 2008

Reliability = time_site_is_available / (total_time - time_site_is_scheduled_down)

Availability = time_site_is_available / total_time

Target reliability for each site is 95 % and Target for 8 best sites is 97 %

Availability

Colour Coding Limits :

>= TARGET: 95 %

90% OF TARGET: 86 %

Unkn : Unknown

Date	CERN		DE-KIT		ES-PIC		FR-CCIN2P3		IT-INFN-CNAF		NL-T1		UK-T1-RAL		Average		
	Avail	Unkn	Avail	Unkn	Avail	Unkn	Avail	Unkn	Avail	Unkn	Avail	Unkn	Avail	Unkn	Avail	Unkn	
01/12/2008	100	0	100	8	100	0	27	0	100	8	100	8	100	0	89	4	
02/12/2008	100	0	100	0	100	0	4	0	100	0	100	0	50	0	79	0	
03/12/2008	100	0	100	0	100	0	17	0	100	0	100	0	100	0	88	0	
04/12/2008	100	0	100	0	100	0	80	0	100	0	100	0	100	0	97	0	
05/12/2008	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	
06/12/2008	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	
07/12/2008	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	
08/12/2008	100	0	100	0	100	0	75	0	100	0	100	0	100	0	96	0	
09/12/2008	100	0	100	0	100	0	100	0	100	0	52	0	100	0	93	0	
10/12/2008	93	0	100	52	100	52	64	26	100	52	41	43	100	52	84	40	
11/12/2008	100	55	0	100	0	78	0	38	0	100	0	100	0	100	0	35	82
12/12/2008	0	100	0	100	0	68	0	100	0	100	0	100	0	100	0	0	95
13/12/2008	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	0	100
14/12/2008	0	100	0	100	0	35	0	100	0	100	0	100	0	100	0	0	91
15/12/2008	100	67	100	67	0	0	100	67	100	67	100	67	0	67	56	57	
16/12/2008	100	38	100	38	0	5	100	38	100	38	100	38	0	38	66	33	
17/12/2008	100	76	55	56	100	76	63	64	7	76	88	72	100	76	71	71	
18/12/2008	100	31	100	31	100	31	100	31	0	0	100	31	100	31	81	26	
19/12/2008	0	100	0	100	0	100	0	100	0	38	0	100	0	100	0	0	91
20/12/2008	0	100	0	71	0	99	0	100	0	100	0	100	0	100	0	0	96
21/12/2008	0	100	0	100	0	0	0	100	0	100	0	100	0	100	0	0	86
22/12/2008	0	100	0	100	0	0	0	100	0	100	0	100	0	100	0	0	86
23/12/2008	0	100	0	100	0	92	0	100	0	100	0	100	0	100	0	0	99
24/12/2008	0	100	0	100	0	12	0	100	0	100	0	100	0	100	0	0	87
25/12/2008	0	87	0	100	0	14	0	100	0	100	0	100	0	100	0	0	86
26/12/2008	0	0	0	100	0	100	0	100	0	100	0	100	0	100	0	0	86
27/12/2008	0	0	0	100	0	100	0	100	0	100	0	100	0	100	0	0	86
28/12/2008	0	0	0	100	0	100	0	100	0	100	0	100	0	100	0	0	86
29/12/2008	0	0	0	100	0	100	0	100	0	100	0	34	0	100	0	0	76
30/12/2008	0	0	0	100	0	100	0	100	0	100	0	100	0	100	0	0	86
31/12/2008	0	0	0	100	0	100	0	100	0	100	0	100	0	100	0	0	86
Average	66	40	96	62	60	44	68	60	85	61	87	61	87	63	76	56	

Average Availability for all sites: **34 %**

Average Availability for 8 best sites : **34 %**



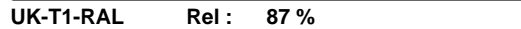
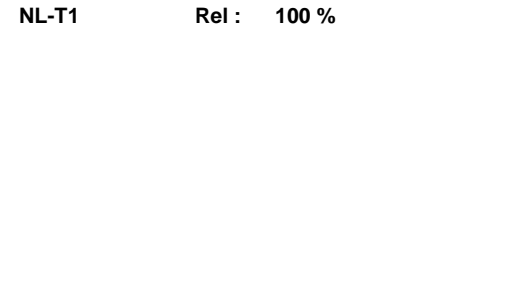
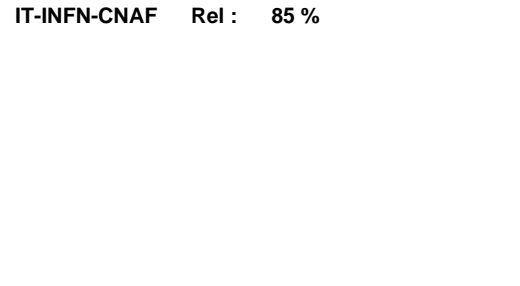
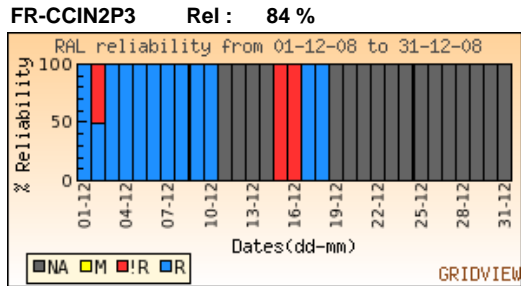
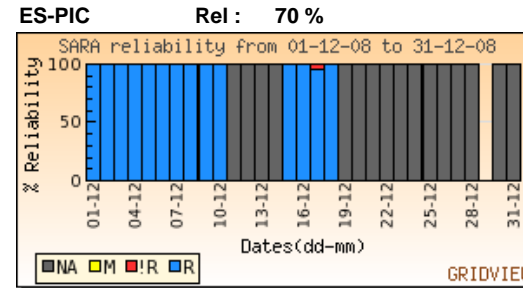
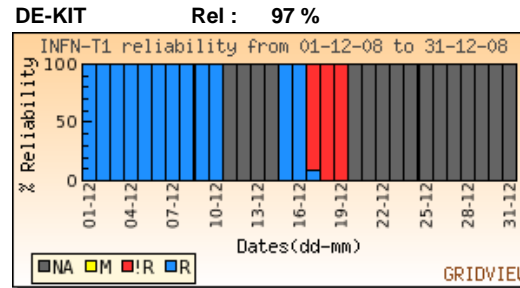
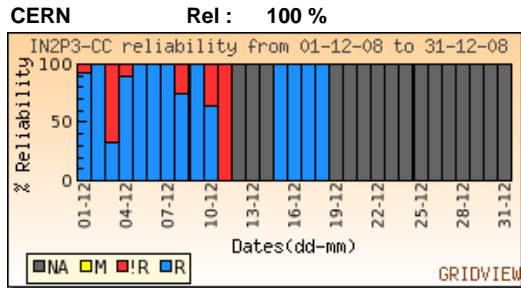
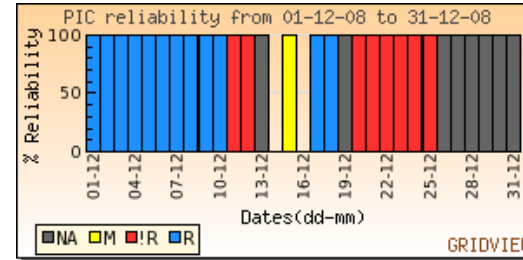
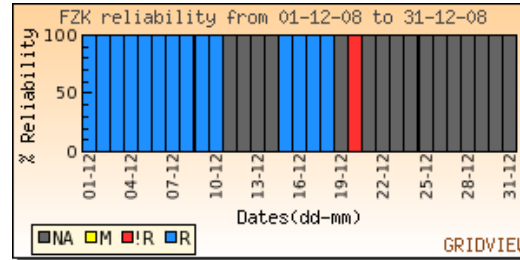
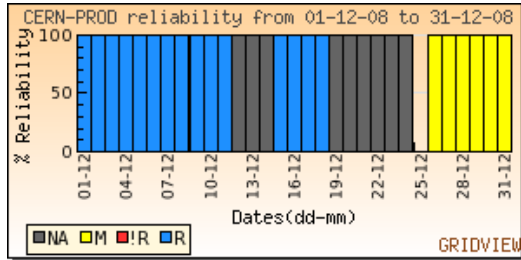
Reliability of WLCG Tier-1 Sites + CERN for LHCb

December 2008

Data from SAM Monitoring.

Reliability is calculated as $\text{time_site_is_available} / (\text{total_time} - \text{time_site_is_scheduled_down})$

Target reliability for each site is 95% and Target for 8 best sites is 97%





Service Availability Data for WLCG Tier-1s + CERN for LHCb

December 2008

Reliability = time_site_is_available / (total_time - time_site_is_scheduled_down)

Availability = time_site_is_available / total_time

Target reliability for each site is 95 % and Target for 8 best sites is 97 %

Reliability

Colour Coding Limits : **>= TARGET: 95 %**

90% OF TARGET: 86 %

Date	CERN	DE-KIT	ES-PIC	FR-CCIN2P3	IT-INFN-CNAF	NL-T1	UK-T1-RAL	Average Reliability
01/12/2008	100 %	100 %	100 %	93 %	100 %	100 %	100 %	100 %
02/12/2008	100 %	100 %	100 %	99 %	100 %	100 %	50 %	92 %
03/12/2008	100 %	100 %	100 %	33 %	100 %	100 %	100 %	95 %
04/12/2008	100 %	100 %	100 %	88 %	100 %	100 %	100 %	98 %
05/12/2008	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
06/12/2008	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
07/12/2008	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
08/12/2008	100 %	100 %	100 %	75 %	100 %	100 %	100 %	96 %
09/12/2008	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
10/12/2008	100 %	100 %	100 %	64 %	100 %	100 %	100 %	93 %
11/12/2008	100 %	N/A	0 %	0 %	N/A	N/A	N/A	35 %
12/12/2008	N/A	N/A	0 %	N/A	N/A	N/A	N/A	0 %
13/12/2008	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
14/12/2008	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
15/12/2008	100 %	100 %	N/A	100 %	100 %	100 %	0 %	83 %
16/12/2008	100 %	100 %	N/A	100 %	100 %	100 %	0 %	83 %
17/12/2008	100 %	100 %	100 %	100 %	7 %	100 %	100 %	86 %
18/12/2008	100 %	100 %	100 %	100 %	0 %	100 %	100 %	81 %
19/12/2008	N/A	N/A	N/A	N/A	0 %	N/A	N/A	0 %
20/12/2008	N/A	0 %	0 %	N/A	N/A	N/A	N/A	0 %
21/12/2008	N/A	N/A	0 %	N/A	N/A	N/A	N/A	0 %
22/12/2008	N/A	N/A	0 %	N/A	N/A	N/A	N/A	0 %
23/12/2008	N/A	N/A	0 %	N/A	N/A	N/A	N/A	0 %
24/12/2008	N/A	N/A	0 %	N/A	N/A	N/A	N/A	0 %
25/12/2008	N/A	N/A	0 %	N/A	N/A	N/A	N/A	0 %
26/12/2008	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
27/12/2008	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
28/12/2008	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
29/12/2008	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
30/12/2008	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
31/12/2008	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Average	100 %	97 %	70 %	84 %	85 %	100 %	87 %	88 %

Average Reliability for all sites: **88 %**

Average Reliability for 8 best sites : **88 %**



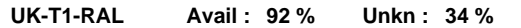
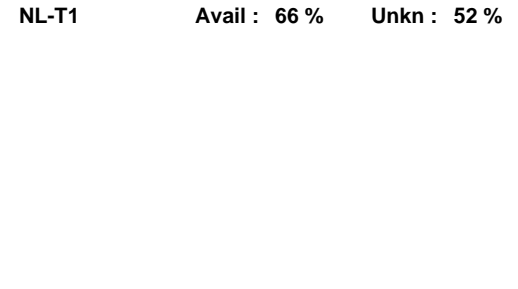
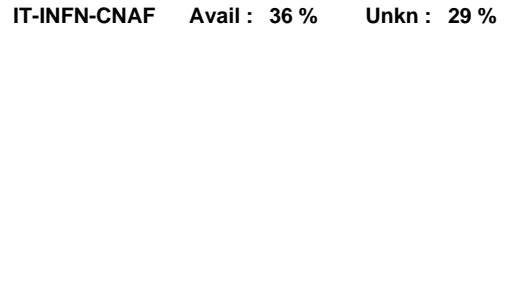
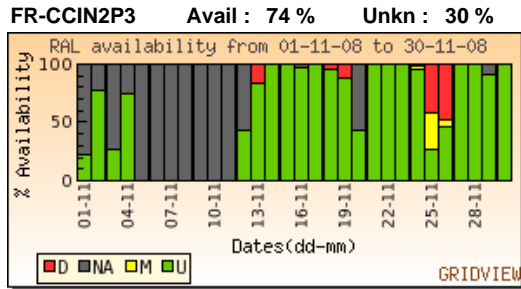
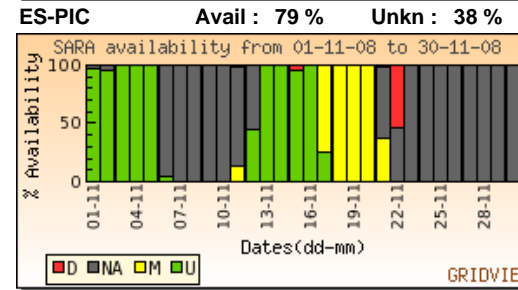
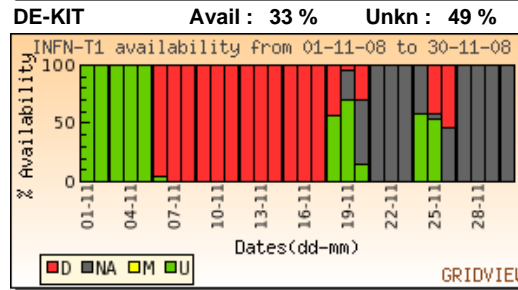
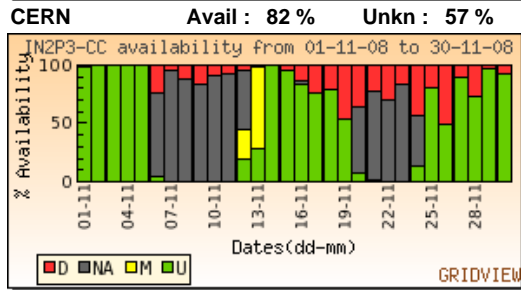
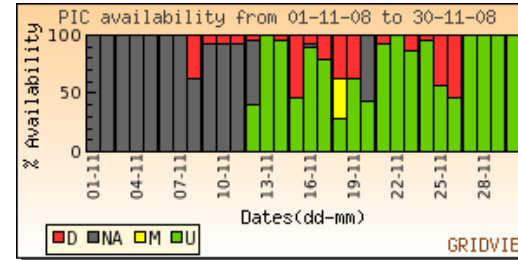
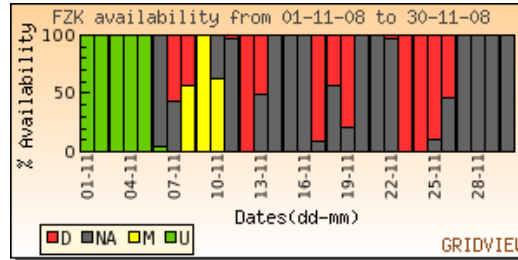
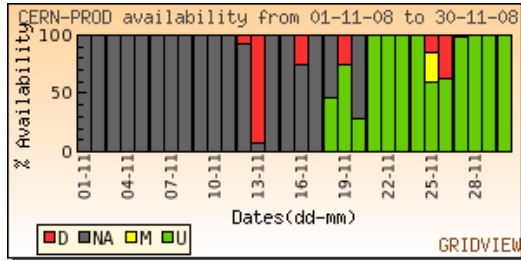
Availability of WLCG Tier-1 Sites + CERN for LHCb

November 2008

Data from SAM Monitoring.

Availability is calculated as $\text{time_site_is_available} / \text{total_time}$

Target reliability for each site is 95 % and Target for 8 best sites is 97 %





Service Availability Data for WLCG Tier-1s + CERN for LHCb

November 2008

Reliability = time_site_is_available / (total_time - time_site_is_scheduled_down)

Availability = time_site_is_available / total_time

Target reliability for each site is 95 % and Target for 8 best sites is 97 %

Availability

Colour Coding Limits :

>= TARGET: 95 %

90% OF TARGET: 86 %

Unkn : Unknown

Date	CERN		DE-KIT		ES-PIC		FR-CCIN2P3		IT-INFN-CNAF		NL-T1		UK-T1-RAL		Average	
	Avail	Unkn	Avail	Unkn	Avail	Unkn	Avail	Unkn	Avail	Unkn	Avail	Unkn	Avail	Unkn	Avail	Unkn
01/11/2008	0	100	100	0	0	100	100	2	100	0	100	3	100	77	100	40
02/11/2008	0	100	100	0	0	100	100	0	100	0	100	5	100	23	100	33
03/11/2008	0	100	100	0	0	100	100	0	100	0	100	0	100	73	100	39
04/11/2008	0	100	100	0	0	100	100	0	100	0	100	0	100	25	100	32
05/11/2008	N/A	100	100	0	N/A	100	100	0	100	0	100	0	N/A	100	100	43
06/11/2008	N/A	100	100	96	N/A	100	15	72	4	0	100	96	N/A	100	12	80
07/11/2008	N/A	100	0	43	N/A	100	0	95	0	0	N/A	100	N/A	100	0	77
08/11/2008	N/A	100	0	0	0	63	0	88	0	0	N/A	100	N/A	100	0	64
09/11/2008	N/A	100	0	0	0	92	0	84	0	0	N/A	100	N/A	100	0	68
10/11/2008	N/A	100	0	38	0	92	0	91	0	0	N/A	100	N/A	100	0	74
11/11/2008	N/A	100	0	97	0	92	0	93	0	0	0	85	N/A	100	0	81
12/11/2008	0	93	0	0	91	55	40	50	0	0	100	55	100	56	38	44
13/11/2008	0	7	0	49	100	0	28	0	0	0	100	0	83	0	48	8
14/11/2008	0	100	0	100	96	0	100	0	0	0	100	0	100	0	79	29
15/11/2008	0	100	0	100	46	0	96	0	0	0	96	0	100	0	67	29
16/11/2008	0	75	0	100	91	2	87	4	0	0	100	0	100	3	72	26
17/11/2008	0	100	0	9	79	0	76	0	0	0	25	0	100	0	47	16
18/11/2008	100	54	0	57	29	0	79	0	56	0	0	0	95	0	52	16
19/11/2008	74	0	0	21	63	0	54	0	95	26	0	0	88	0	54	7
20/11/2008	100	71	0	100	100	57	17	57	33	55	0	0	100	57	45	57
21/11/2008	100	0	0	100	93	0	4	77	0	100	0	62	100	0	81	48
22/11/2008	100	0	0	97	100	0	0	70	0	100	0	46	100	0	77	45
23/11/2008	100	0	0	0	87	0	0	84	0	100	0	100	100	0	69	41
24/11/2008	100	0	0	0	96	0	22	43	100	42	0	100	96	0	70	26
25/11/2008	59	0	0	11	56	0	81	0	56	4	0	100	27	0	47	17
26/11/2008	63	0	0	46	46	0	49	0	0	46	0	100	46	0	40	27
27/11/2008	98	0	0	100	100	0	90	0	0	100	0	100	100	0	97	43
28/11/2008	100	0	0	100	100	0	73	0	0	100	0	100	100	0	93	43
29/11/2008	100	0	0	100	100	0	97	0	0	100	0	100	100	9	99	44
30/11/2008	100	0	0	100	100	0	92	0	0	100	0	100	100	0	98	43
Average	82	57	33	49	79	38	74	30	36	29	66	52	92	34	66	41

Average Availability for all sites: 39 %

Average Availability for 8 best sites : 39 %



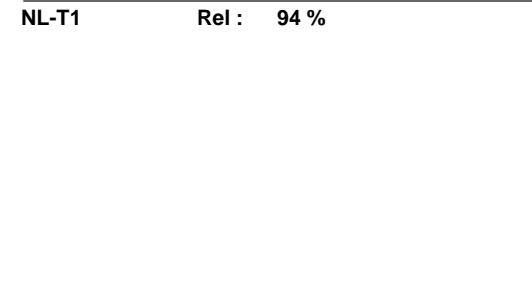
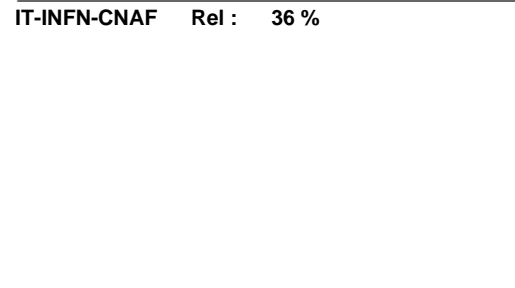
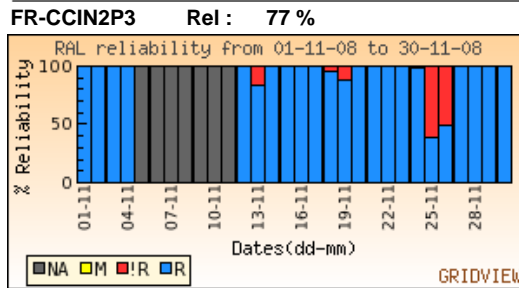
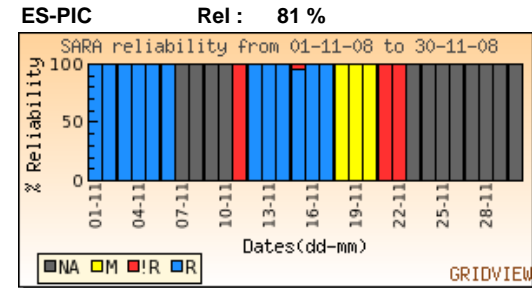
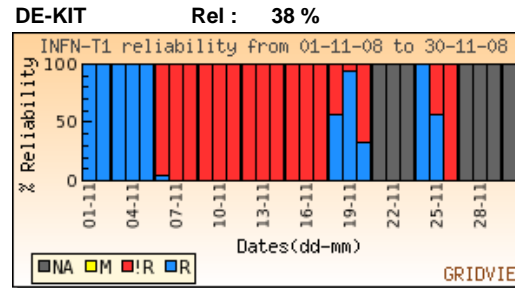
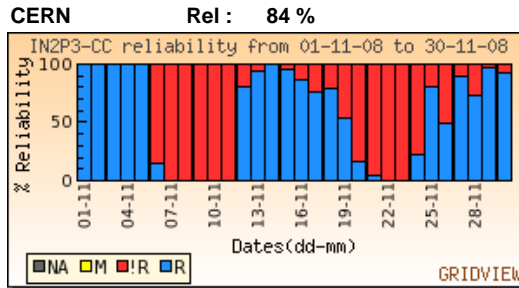
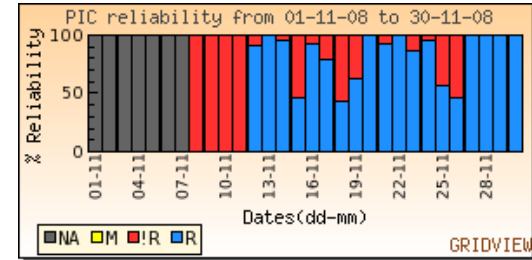
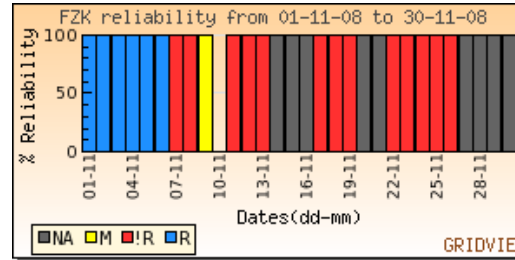
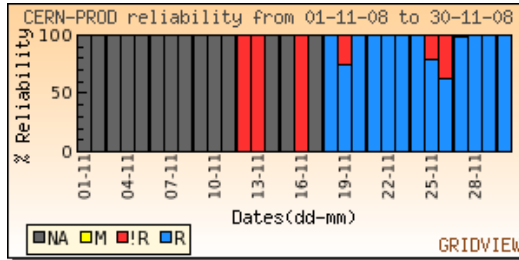
Reliability of WLCG Tier-1 Sites + CERN for LHCb

November 2008

Data from SAM Monitoring.

Reliability is calculated as $\text{time_site_is_available} / (\text{total_time} - \text{time_site_is_scheduled_down})$

Target reliability for each site is 95 % and Target for 8 best sites is 97 %



UK-T1-RAL Rel: 94 %



Service Availability Data for WLCG Tier-1s + CERN for LHCb

November 2008

Reliability = time_site_is_available / (total_time - time_site_is_scheduled_down)

Availability = time_site_is_available / total_time

Target reliability for each site is 95 % and Target for 8 best sites is 97 %

Reliability

Colour Coding Limits : **>= TARGET: 95 %**

90% OF TARGET: 86 %

Date	CERN	DE-KIT	ES-PIC	FR-CCIN2P3	IT-INFN-CNAF	NL-T1	UK-T1-RAL	Average Reliability
01/11/2008	N/A	100 %	N/A	100 %	100 %	100 %	100 %	100 %
02/11/2008	N/A	100 %	N/A	100 %	100 %	100 %	100 %	100 %
03/11/2008	N/A	100 %	N/A	100 %	100 %	100 %	100 %	100 %
04/11/2008	N/A	100 %	N/A	100 %	100 %	100 %	100 %	100 %
05/11/2008	N/A	100 %	N/A	100 %	100 %	100 %	N/A	100 %
06/11/2008	N/A	100 %	N/A	15 %	4 %	100 %	N/A	12 %
07/11/2008	N/A	0 %	N/A	0 %	0 %	N/A	N/A	0 %
08/11/2008	N/A	0 %	0 %	0 %	0 %	N/A	N/A	0 %
09/11/2008	N/A	N/A	0 %	0 %	0 %	N/A	N/A	0 %
10/11/2008	N/A	N/A	0 %	0 %	0 %	N/A	N/A	0 %
11/11/2008	N/A	0 %	0 %	0 %	0 %	0 %	N/A	0 %
12/11/2008	0 %	0 %	91 %	80 %	0 %	100 %	100 %	41 %
13/11/2008	0 %	0 %	100 %	94 %	0 %	100 %	83 %	54 %
14/11/2008	N/A	N/A	96 %	100 %	0 %	100 %	100 %	79 %
15/11/2008	N/A	N/A	46 %	96 %	0 %	96 %	100 %	67 %
16/11/2008	0 %	N/A	91 %	87 %	0 %	100 %	100 %	72 %
17/11/2008	N/A	0 %	79 %	76 %	0 %	100 %	100 %	54 %
18/11/2008	100 %	0 %	44 %	79 %	56 %	N/A	95 %	67 %
19/11/2008	74 %	0 %	63 %	54 %	95 %	N/A	88 %	63 %
20/11/2008	100 %	N/A	100 %	17 %	33 %	N/A	100 %	68 %
21/11/2008	100 %	N/A	93 %	4 %	N/A	N/A	100 %	91 %
22/11/2008	100 %	0 %	100 %	0 %	N/A	0 %	100 %	77 %
23/11/2008	100 %	0 %	87 %	0 %	N/A	N/A	100 %	69 %
24/11/2008	100 %	0 %	96 %	22 %	100 %	N/A	99 %	71 %
25/11/2008	80 %	0 %	56 %	81 %	56 %	N/A	39 %	53 %
26/11/2008	63 %	0 %	46 %	49 %	0 %	N/A	49 %	40 %
27/11/2008	98 %	N/A	100 %	90 %	N/A	N/A	100 %	97 %
28/11/2008	100 %	N/A	100 %	73 %	N/A	N/A	100 %	93 %
29/11/2008	100 %	N/A	100 %	97 %	N/A	N/A	100 %	99 %
30/11/2008	100 %	N/A	100 %	92 %	N/A	N/A	100 %	98 %
Average	84 %	38 %	81 %	77 %	36 %	94 %	94 %	71 %

Average Reliability for all sites: **71 %**

Average Reliability for 8 best sites : **71 %**



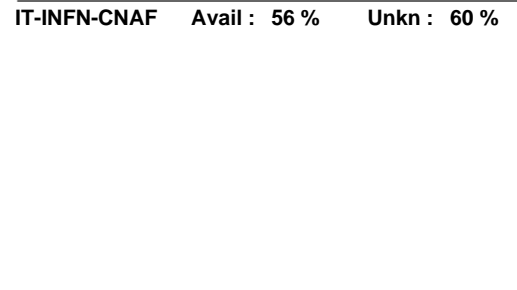
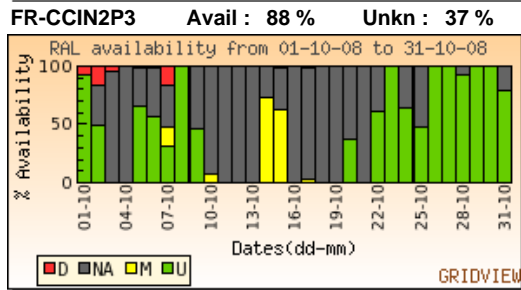
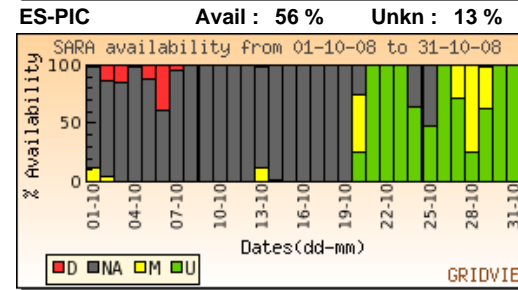
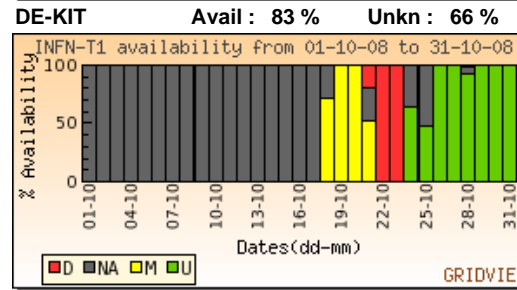
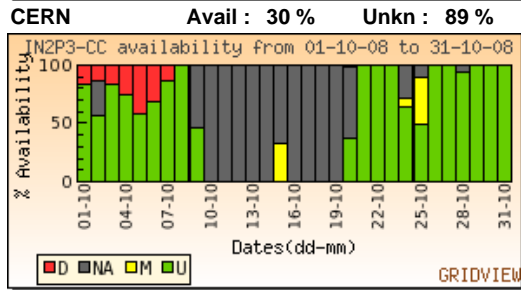
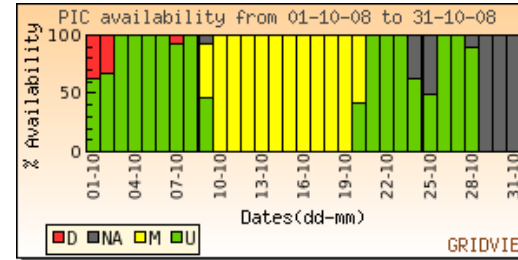
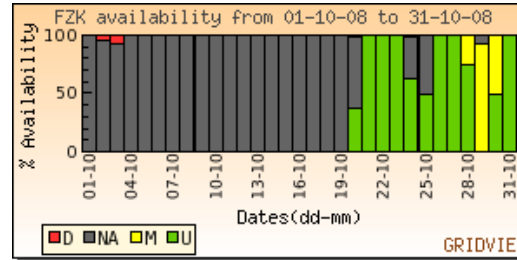
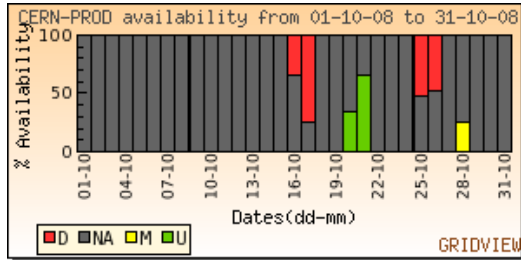
Availability of WLCG Tier-1 Sites + CERN for LHCb

October 2008

Data from SAM Monitoring.

Availability is calculated as $\text{time_site_is_available} / \text{total_time}$

Target reliability for each site is 95 % and Target for 8 best sites is 97 %





Service Availability Data for WLCG Tier-1s + CERN for LHCb

October 2008

Reliability = $\text{time_site_is_available} / (\text{total_time} - \text{time_site_is_scheduled_down})$

Availability = $\text{time_site_is_available} / \text{total_time}$

Target reliability for each site is 95 % and Target for 8 best sites is 97 %

Availability

Colour Coding Limits :

>= TARGET: 95 %

90% OF TARGET: 86 %

Unkn : Unknown

Date	CERN		DE-KIT		ES-PIC		FR-CCIN2P3		IT-INFN-CNAF		NL-T1		UK-T1-RAL		Average	
	Avail	Unkn	Avail	Unkn	Avail	Unkn	Avail	Unkn	Avail	Unkn	Avail	Unkn	Avail	Unkn	Avail	Unkn
01/10/2008	0	100	0	100	63	0	84	0	0	100	0	87	92	0	76	55
02/10/2008	0	100	0	96	67	0	82	30	0	100	0	83	76	35	68	63
03/10/2008	0	100	0	92	100	0	83	0	0	100	0	85	0	96	81	68
04/10/2008	0	100	0	100	100	0	75	0	0	100	0	99	0	100	87	71
05/10/2008	0	100	0	100	100	0	58	0	0	100	0	88	96	32	80	60
06/10/2008	0	100	0	100	100	0	68	0	0	100	0	61	98	42	76	58
07/10/2008	0	100	0	100	92	0	87	0	0	100	0	96	50	35	78	61
08/10/2008	0	100	0	100	100	0	100	0	0	100	0	100	100	0	100	57
09/10/2008	0	100	0	100	51	8	100	53	0	100	0	100	100	53	76	73
10/10/2008	0	100	0	100	0	0	0	100	0	100	0	100	0	92	0	85
11/10/2008	0	100	0	100	0	0	0	100	0	100	0	100	0	100	0	86
12/10/2008	0	100	0	100	0	0	0	100	0	100	0	100	0	100	0	86
13/10/2008	0	100	0	100	0	0	0	100	0	100	0	87	0	100	0	84
14/10/2008	0	100	0	100	0	0	0	100	0	100	0	99	0	27	0	75
15/10/2008	0	100	0	100	0	0	0	67	0	100	0	100	0	37	0	72
16/10/2008	0	66	0	100	0	0	0	100	0	100	0	100	0	100	0	81
17/10/2008	0	26	0	100	0	0	0	100	0	100	0	100	0	96	0	75
18/10/2008	0	100	0	100	0	0	0	100	0	29	0	100	0	100	0	76
19/10/2008	0	100	0	100	0	0	0	100	0	0	0	100	0	100	0	71
20/10/2008	100	65	100	62	42	0	100	62	0	0	33	25	100	63	51	40
21/10/2008	100	35	100	0	100	0	100	0	0	28	100	0	0	100	87	23
22/10/2008	0	100	100	0	100	0	100	0	0	0	100	0	100	39	82	20
23/10/2008	0	100	100	0	100	0	100	0	0	0	100	0	100	0	83	14
24/10/2008	0	100	100	36	100	37	88	28	100	36	100	36	100	36	98	44
25/10/2008	0	48	100	51	100	51	54	10	100	52	100	52	100	52	76	45
26/10/2008	0	52	100	0	100	0	100	0	100	0	100	0	100	0	93	7
27/10/2008	0	100	100	0	100	0	100	0	100	0	71	0	100	0	95	14
28/10/2008	0	75	74	0	100	11	100	6	100	6	25	0	100	7	79	15
29/10/2008	0	100	0	7	0	100	100	0	100	0	62	0	100	0	73	30
30/10/2008	0	100	50	0	0	100	100	0	100	0	100	0	100	0	90	29
31/10/2008	0	100	100	0	0	100	100	0	100	0	100	0	100	21	100	32
Average	30	89	83	66	56	13	88	37	56	60	75	61	86	50	71	54

Average Availability for all sites: 33 %

Average Availability for 8 best sites : 33 %



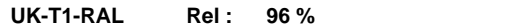
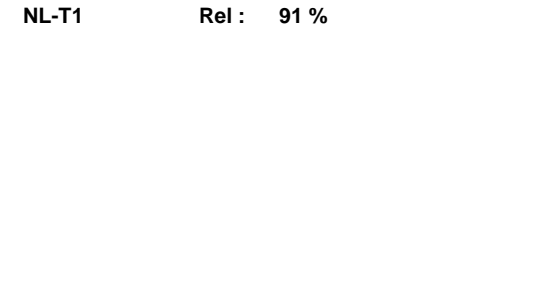
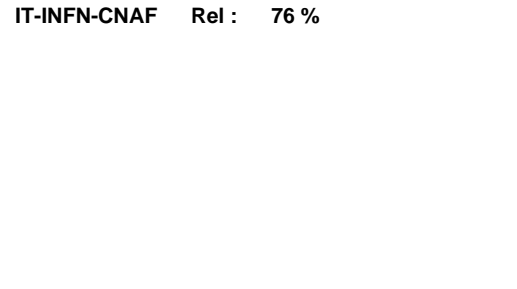
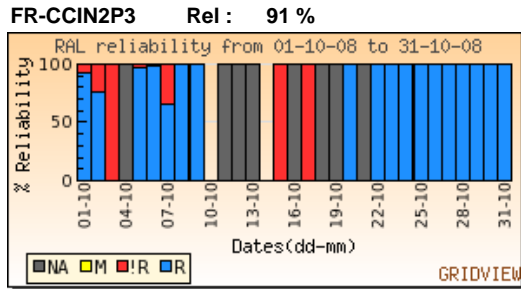
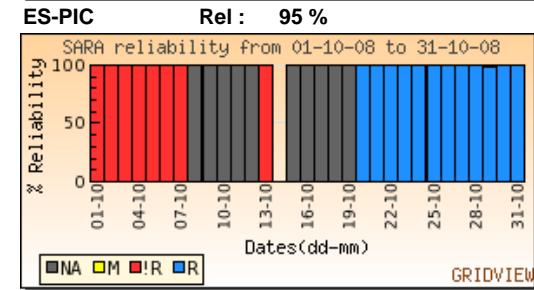
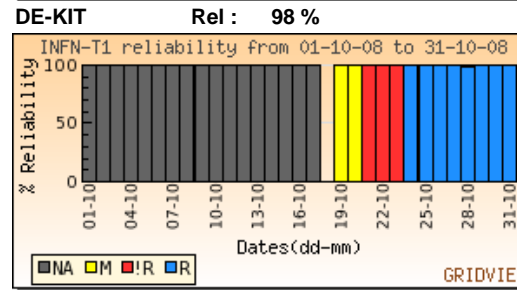
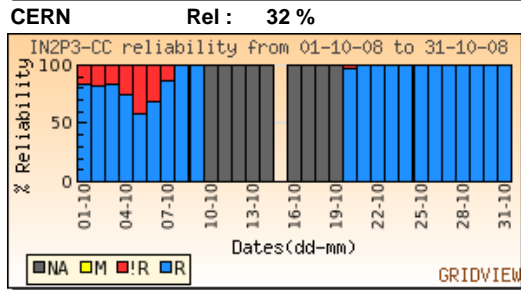
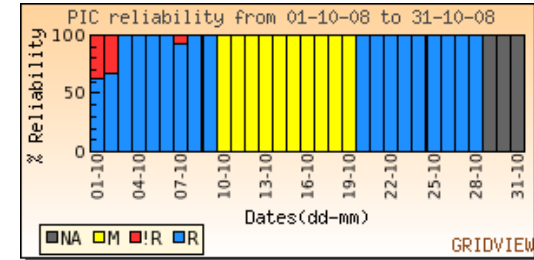
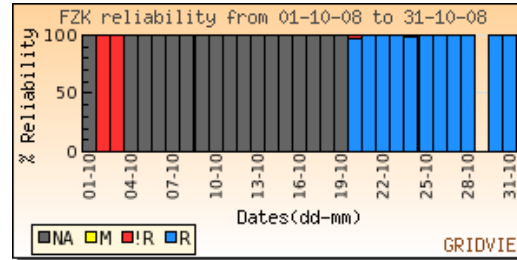
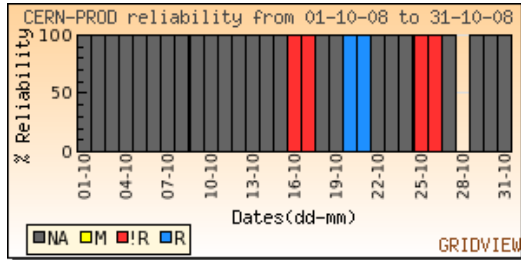
Reliability of WLCG Tier-1 Sites + CERN for LHCb

October 2008

Data from SAM Monitoring.

Reliability is calculated as $\text{time_site_is_available} / (\text{total_time} - \text{time_site_is_scheduled_down})$

Target reliability for each site is 95% and Target for 8 best sites is 97%





Service Availability Data for WLCG Tier-1s + CERN for LHCb

October 2008

Reliability = time_site_is_available / (total_time - time_site_is_scheduled_down)

Availability = time_site_is_available / total_time

Target reliability for each site is 95 % and Target for 8 best sites is 97 %

Reliability

Colour Coding Limits : **>= TARGET: 95 %**

90% OF TARGET: 86 %

Date	CERN	DE-KIT	ES-PIC	FR-CCIN2P3	IT-INFN-CNAF	NL-T1	UK-T1-RAL	Average Reliability
01/10/2008	N/A	N/A	63 %	84 %	N/A	N/A	92 %	79 %
02/10/2008	N/A	0 %	67 %	82 %	N/A	0 %	76 %	69 %
03/10/2008	N/A	0 %	100 %	83 %	N/A	0 %	0 %	81 %
04/10/2008	N/A	N/A	100 %	75 %	N/A	0 %	N/A	87 %
05/10/2008	N/A	N/A	100 %	58 %	N/A	0 %	96 %	80 %
06/10/2008	N/A	N/A	100 %	68 %	N/A	0 %	98 %	76 %
07/10/2008	N/A	N/A	92 %	87 %	N/A	0 %	65 %	83 %
08/10/2008	N/A	N/A	100 %	100 %	N/A	N/A	100 %	100 %
09/10/2008	N/A	N/A	100 %	100 %	N/A	N/A	100 %	100 %
10/10/2008	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/10/2008	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
12/10/2008	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
13/10/2008	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
14/10/2008	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
15/10/2008	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
16/10/2008	0 %	N/A	N/A	N/A	N/A	N/A	N/A	0 %
17/10/2008	0 %	N/A	N/A	N/A	N/A	N/A	N/A	0 %
18/10/2008	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
19/10/2008	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
20/10/2008	100 %	100 %	100 %	100 %	N/A	100 %	100 %	100 %
21/10/2008	100 %	100 %	100 %	100 %	0 %	100 %	N/A	96 %
22/10/2008	N/A	100 %	100 %	100 %	0 %	100 %	100 %	82 %
23/10/2008	N/A	100 %	100 %	100 %	0 %	100 %	100 %	83 %
24/10/2008	N/A	100 %	100 %	100 %	100 %	100 %	100 %	100 %
25/10/2008	0 %	100 %	100 %	100 %	100 %	100 %	100 %	85 %
26/10/2008	0 %	100 %	100 %	100 %	100 %	100 %	100 %	93 %
27/10/2008	N/A	100 %	100 %	100 %	100 %	100 %	100 %	100 %
28/10/2008	N/A	100 %	100 %	100 %	100 %	100 %	100 %	100 %
29/10/2008	N/A	N/A	N/A	100 %	100 %	100 %	100 %	100 %
30/10/2008	N/A	100 %	N/A	100 %	100 %	100 %	100 %	100 %
31/10/2008	N/A	100 %	N/A	100 %	100 %	100 %	100 %	100 %
Average	32 %	98 %	95 %	91 %	76 %	91 %	96 %	90 %

Average Reliability for all sites: **88 %**

Average Reliability for 8 best sites : **88 %**



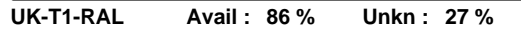
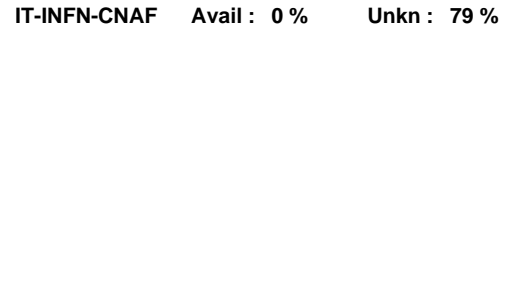
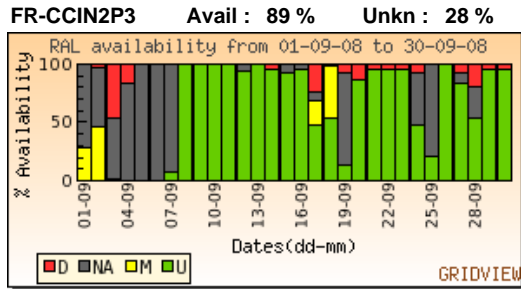
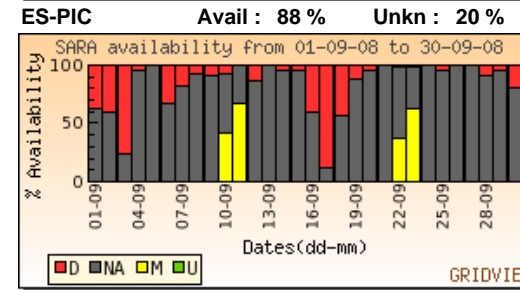
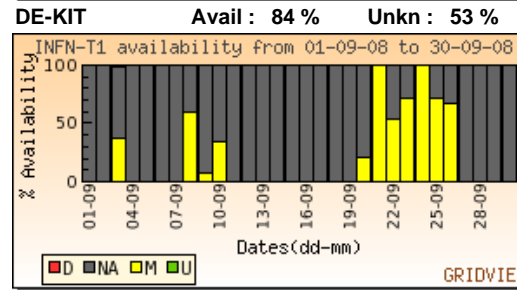
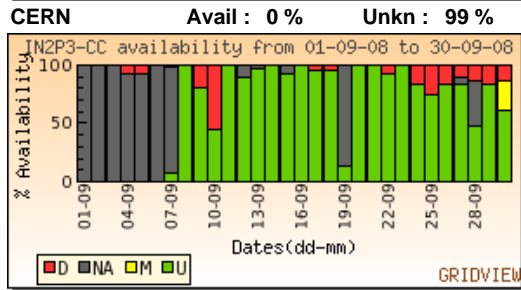
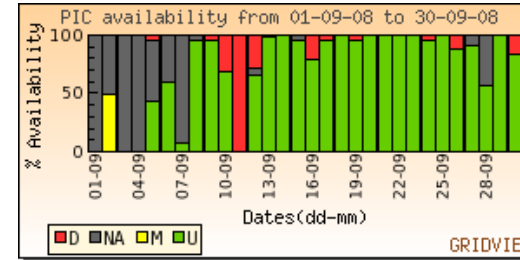
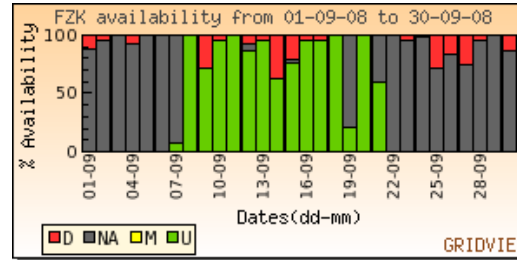
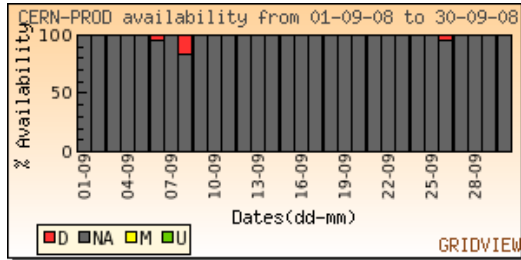
Availability of WLCG Tier-1 Sites + CERN for LHCb

September 2008

Data from SAM Monitoring.

Availability is calculated as $\text{time_site_is_available} / \text{total_time}$

Target reliability for each site is 95 % and Target for 8 best sites is 97 %





Service Availability Data for WLCG Tier-1s + CERN for LHCb

September 2008

Reliability = time_site_is_available / (total_time - time_site_is_scheduled_down)

Availability = time_site_is_available / total_time

Target reliability for each site is 95 % and Target for 8 best sites is 97 %

Availability

Colour Coding Limits :

>= TARGET: 95 %

90% OF TARGET:

86 %

Unkn : Unknown

Date	CERN		DE-KIT		ES-PIC		FR-CCIN2P3		IT-INFN-CNAF		NL-T1		UK-T1-RAL		Average	
	Avail	Unkn	Avail	Unkn	Avail	Unkn	Avail	Unkn	Avail	Unkn	Avail	Unkn	Avail	Unkn	Avail	Unkn
01/09/2008	0	100	0	88	0	100	0	100	0	100	0	62	0	71	0	89
02/09/2008	0	100	0	96	0	50	0	100	0	100	0	59	0	51	0	79
03/09/2008	0	100	0	100	0	100	0	100	0	62	0	24	0	52	0	77
04/09/2008	0	100	0	92	0	100	0	92	0	100	0	96	0	84	0	95
05/09/2008	0	100	0	100	91	53	0	92	0	100	0	100	0	100	77	92
06/09/2008	0	96	0	100	100	40	0	100	0	100	0	67	0	100	61	86
07/09/2008	0	100	98	92	100	93	100	92	0	100	0	82	100	93	62	93
08/09/2008	0	83	100	0	100	4	100	0	0	41	0	92	100	0	83	31
09/09/2008	0	100	71	0	96	0	80	0	0	92	0	91	100	0	83	41
10/09/2008	0	100	96	0	68	0	45	0	0	65	0	50	100	0	64	31
11/09/2008	0	100	100	0	0	0	100	0	0	100	0	33	100	0	64	33
12/09/2008	0	100	91	5	69	5	100	11	0	100	0	87	100	6	87	45
13/09/2008	0	100	96	0	99	0	100	3	0	100	0	100	100	0	99	43
14/09/2008	0	100	62	0	100	0	100	0	0	100	0	96	96	0	88	42
15/09/2008	0	100	78	3	100	5	100	8	0	100	0	96	100	8	93	46
16/09/2008	0	100	96	0	79	0	100	0	0	100	0	59	100	4	85	38
17/09/2008	0	100	96	0	96	0	96	0	0	100	0	12	51	7	70	31
18/09/2008	0	100	100	0	100	0	96	1	0	100	0	57	54	1	79	37
19/09/2008	0	100	100	79	96	0	100	87	0	100	0	88	61	78	85	76
20/09/2008	0	100	100	0	100	0	100	0	0	79	0	96	87	0	91	39
21/09/2008	0	100	100	41	100	0	100	0	0	0	0	100	96	0	77	34
22/09/2008	0	100	0	100	100	0	92	0	0	46	0	62	96	0	73	44
23/09/2008	0	100	0	96	100	0	100	0	0	29	0	37	96	0	68	38
24/09/2008	0	100	0	99	96	0	83	0	0	0	0	100		44	64	49
25/09/2008	0	100	0	71	100	0	75	0	0	29	0	96	100	79	60	54
26/09/2008	0	96	0	84	88	0	83	0	0	33	0	100	100	0	70	45
27/09/2008	0	100	0	75	100	9	88	6	0	100	0	100	91	9	85	57
28/09/2008	0	100	0	96	100	44	78	38	0	100	0	91	74	27	78	71
29/09/2008	0	100	0	100	100	0	83	0	0	100	0	96	95	0	91	57
30/09/2008	0	100	0	87	83	0	61	1	0	100	0	80	96	0	72	53
Average	0	99	84	53	88	20	89	28	0	79	0	77	86	27	75	55

Average Availability for all sites: 34 %

Average Availability for 8 best sites : 34 %



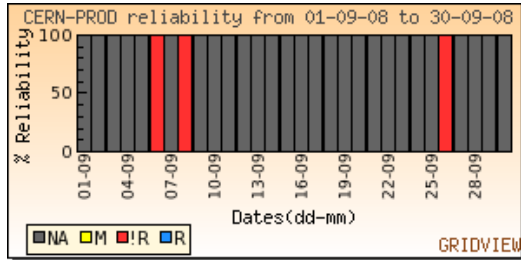
Reliability of WLCG Tier-1 Sites + CERN for LHCb

September 2008

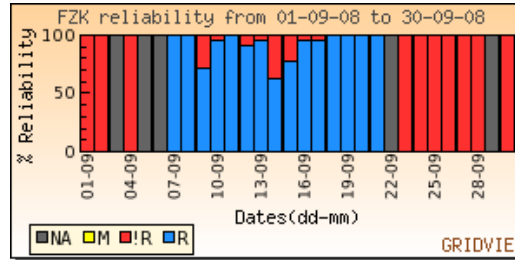
Data from SAM Monitoring.

Reliability is calculated as $\text{time_site_is_available} / (\text{total_time} - \text{time_site_is_scheduled_down})$

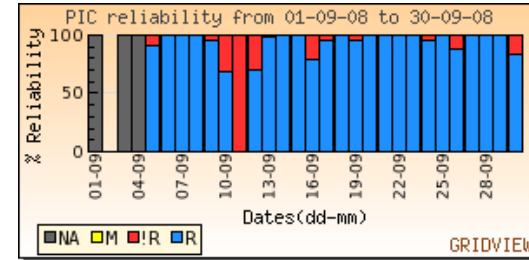
Target reliability for each site is 95% and Target for 8 best sites is 97%



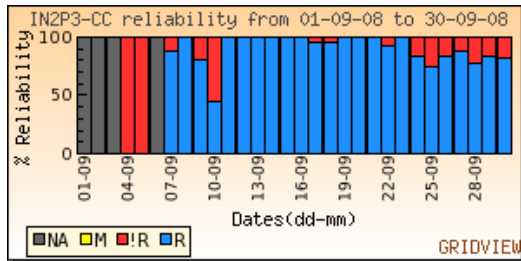
CERN Rel: 0%



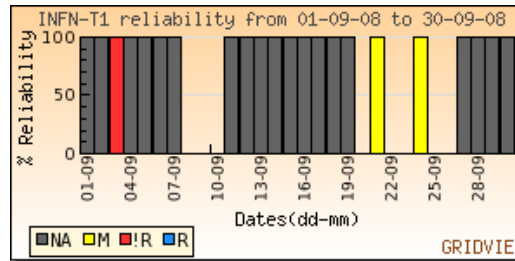
DE-KIT Rel: 84%



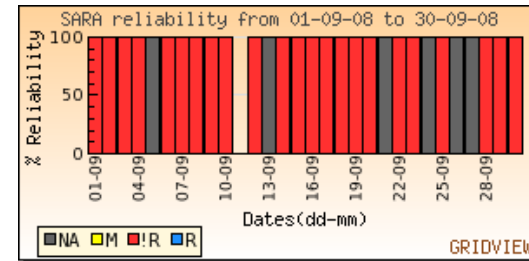
ES-PIC Rel: 90%



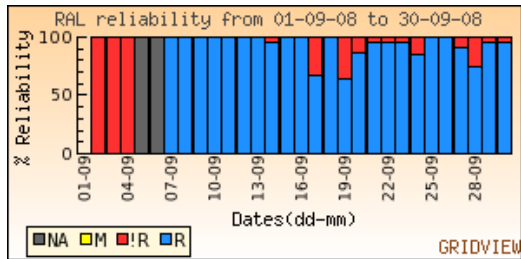
FR-CCIN2P3 Rel: 90%



IT-INFN-CNAF Rel: 0%



NL-T1 Rel: 0%



UK-T1-RAL Rel: 92%



Service Availability Data for WLCG Tier-1s + CERN for LHCb

September 2008

Reliability = $\text{time_site_is_available} / (\text{total_time} - \text{time_site_is_scheduled_down})$

Availability = $\text{time_site_is_available} / \text{total_time}$

Target reliability for each site is 95 % and Target for 8 best sites is 97 %

Reliability

Colour Coding Limits :

>= TARGET: 95 %

90% OF TARGET: 86 %

Date	CERN	DE-KIT	ES-PIC	FR-CCIN2P3	IT-INFN-CNAF	NL-T1	UK-T1-RAL	Average Reliability
01/09/2008	N/A	0 %	N/A	N/A	N/A	0 %	N/A	0 %
02/09/2008	N/A	0 %	N/A	N/A	N/A	0 %	0 %	0 %
03/09/2008	N/A	N/A	N/A	N/A	N/A	0 %	0 %	0 %
04/09/2008	N/A	0 %	N/A	0 %	N/A	0 %	0 %	0 %
05/09/2008	N/A	N/A	91 %	0 %	N/A	N/A	N/A	77 %
06/09/2008	0 %	N/A	100 %	N/A	N/A	0 %	N/A	61 %
07/09/2008	N/A	98 %	100 %	100 %	N/A	0 %	100 %	62 %
08/09/2008	0 %	100 %	100 %	100 %	N/A	0 %	100 %	94 %
09/09/2008	N/A	71 %	96 %	80 %	N/A	0 %	100 %	85 %
10/09/2008	N/A	96 %	68 %	45 %	N/A	0 %	100 %	76 %
11/09/2008	N/A	100 %	0 %	100 %	N/A	N/A	100 %	75 %
12/09/2008	N/A	91 %	69 %	100 %	N/A	0 %	100 %	87 %
13/09/2008	N/A	96 %	99 %	100 %	N/A	N/A	100 %	99 %
14/09/2008	N/A	62 %	100 %	100 %	N/A	0 %	96 %	88 %
15/09/2008	N/A	78 %	100 %	100 %	N/A	0 %	100 %	93 %
16/09/2008	N/A	96 %	79 %	100 %	N/A	0 %	100 %	85 %
17/09/2008	N/A	96 %	96 %	96 %	N/A	0 %	66 %	73 %
18/09/2008	N/A	100 %	100 %	96 %	N/A	0 %	100 %	88 %
19/09/2008	N/A	100 %	96 %	100 %	N/A	0 %	61 %	85 %
20/09/2008	N/A	100 %	100 %	100 %	N/A	0 %	87 %	96 %
21/09/2008	N/A	100 %	100 %	100 %	N/A	N/A	96 %	99 %
22/09/2008	N/A	N/A	100 %	92 %	N/A	N/A	96 %	96 %
23/09/2008	N/A	0 %	100 %	100 %	N/A	N/A	96 %	97 %
24/09/2008	N/A	0 %	96 %	83 %	N/A	N/A	86 %	88 %
25/09/2008	N/A	0 %	100 %	75 %	N/A	0 %	100 %	77 %
26/09/2008	0 %	0 %	88 %	83 %	N/A	N/A	100 %	85 %
27/09/2008	N/A	0 %	100 %	88 %	N/A	N/A	91 %	85 %
28/09/2008	N/A	0 %	100 %	78 %	N/A	0 %	74 %	78 %
29/09/2008	N/A	N/A	100 %	83 %	N/A	0 %	95 %	91 %
30/09/2008	N/A	0 %	83 %	82 %	N/A	0 %	96 %	78 %
Average	0 %	84 %	90 %	90 %	N/A	0 %	92 %	84 %

Average Reliability for all sites: 84 %

Average Reliability for 8 best sites : 84 %