

Downtime for Run 2021-2

Fill #	Start	End	Length	Loss Reason	DIN #	Audit	Start	End	User Length	System Length	Cause	System	Group	Type	Description	
1	06/02/21 08:00	06/02/21 14:34	6.57	9BM PSS trip [SI]			06/02/21 14:34	06/02/21 15:30	0.93	0.93	SI	SI	SI	Store Lost		
2	06/02/21 15:30	06/03/21 08:25	16.92	S15A.H1 OI trip [PS]			06/03/21 08:25	06/03/21 09:32	1.12	1.12	PS	PS	PS	Store Lost		
3	06/03/21 09:32	06/03/21 20:53	11.36	RTFB IOC boot [CTL]			06/03/21 20:53	06/03/21 21:21	0.47	0.47	CTL	CTL	CTL	Store Lost		
4	06/03/21 21:21	06/04/21 13:50	16.48	RF-4 HVPS trip [RF]			06/04/21 13:50	06/04/21 14:17	0.45	0.45	RF	RF	RF	Store Lost		
5	06/04/21 14:17	06/05/21 13:25	23.13	RF-4 HVPS trip [RF]			06/05/21 13:25	06/05/21 13:55	0.50	0.50	RF	RF	RF	Store Lost		
6	06/05/21 13:55	06/07/21 08:00	42.08	Int. Dump: End of Period					0.00	0.00				Scheduled		
			116.36													
			0.00													
7	06/08/21 08:19	06/12/21 11:16	98.95	RTFB trip			06/08/21 08:00	06/08/21 08:19	0.32	0.32	RF	RF	RF	Inhibits beam to user		
8	06/12/21 13:13	06/14/21 08:00	42.78	Int. Dump: End of Period			06/12/21 11:16	06/12/21 13:13	1.95	1.95	DIA	DIA	DIA	Store Lost		
			141.75													
			0.00													
				06/15/21 08:00	06/15/21 08:29	0.48	0.48	PS	PS	PS	Inhibits beam to user					
9	06/15/21 08:29	06/15/21 14:17	5.80	RF-4 crowbar [RF]			06/15/21 14:17	06/15/21 14:48	0.52	0.52	CTL	CTL	CTL	Store Lost		
10	06/15/21 14:48	06/15/21 20:35	5.78	28ID FEEPS [SI]			06/15/21 20:35	06/15/21 21:33	0.97	0.97	RF	RF	RF	Store Lost		
11	06/15/21 21:33	06/20/21 22:49	121.27	Tornado warning [OTH]			06/20/21 22:49	06/21/21 01:48	2.98	2.98	OTH	OTH	OTH	Inhibits beam to user		
12	06/21/21 01:48	06/21/21 08:00	6.20	Int. Dump: End of Period					0.00	0.00				Scheduled		
			139.05													
			0.00													
13	06/22/21 08:00	06/23/21 16:15	32.25	S33B.P3 glitch [DIA]			06/23/21 16:15	06/23/21 17:09	0.90	0.90	DIA	DIA	DIA	Store Lost		
14	06/23/21 17:09	06/28/21 08:00	110.85	Int. Dump: End of Period					0.00	0.00				Scheduled		
			143.10													
			0.00													
15	06/29/21 08:00	06/29/21 13:16	5.27	IOCMTIME glitch [CTL]			06/29/21 13:16	06/29/21 14:18	1.03	1.03	RF	RF	RF	Store Lost		
16	06/29/21 14:18	07/04/21 18:26	124.13	RF-4 HVPS trip [RF]			07/04/21 18:26	07/04/21 19:29	1.05	1.05	DIA	DIA	DIA	Store Lost		
17	07/04/21 19:29	07/05/21 08:00	12.52	Int. Dump: End of Period					0.00	0.00				Scheduled		
			141.95													
			0.00													
				07/07/21 19:45	07/07/21 20:19	0.57	0.57	AOP	AOP	AOP	Store Lost					
18	07/07/21 08:00	07/07/21 19:45	11.75	FF table error [AOP]			07/07/21 19:45	07/07/21 20:19	0.57	0.57	AOP	AOP	AOP	Store Lost		
19	07/07/21 20:19	07/11/21 00:21	76.03	S21A.Q4 trip [PS]			07/11/21 00:21	07/11/21 02:33	13.98		PS	PS	PS	Store Lost		
			141.95													
			0.00													
				07/11/21 02:33	07/11/21 07:55	5.37	5.37	RF	RF	RF	Inhibits beam to user					
				07/11/21 07:55	07/11/21 14:20	6.42	6.42	MOM	MOM	MOM	Inhibits beam to user					
21	07/11/21 14:20	07/12/21 08:00	17.67	Int. Dump: End of Period					0.00	0.00				Scheduled		
			105.45													
			0.00													
				07/14/21 08:00	07/14/21 09:09	1.15	1.15	RF	RF	RF	Inhibits beam to user	RF-1 kalmus trip				
23	07/14/21 09:09	07/19/21 08:00	118.85	Int. Dump: End of Period					0.00	0.00				Scheduled		
			118.85													
			0.00													
24	07/20/21 08:00	07/20/21 12:38	4.63	RF-4 trip [RF]			07/20/21 12:38	07/20/21 14:03	1.42	1.42	RF	RF	RF	Store Lost		
25	07/20/21 14:03	07/23/21 08:21	66.30	RF-4 trip [RF]			07/23/21 08:21	07/23/21 09:01	0.67	0.67	RF	RF	RF	Store Lost		
26	07/23/21 09:01	07/26/21 08:00	70.98	Int. Dump: End of Period					0.00	0.00				Scheduled		
			141.95													
			0.00													
				07/27/21 22:31	07/27/21 23:05	0.57	0.57	PS	PS	PS	Store Lost					
27	07/27/21 08:00	07/27/21 22:31	14.52	S12B.V1 glitch [PS]			07/27/21 22:31	07/27/21 23:05	0.57	0.57	PS	PS	PS	Store Lost		
28	07/27/21 23:05	07/28/21 00:38	1.55	RF-4 HVPS trip [RF]			07/28/21 00:38	07/28/21 02:30	1.87	1.87	RF	RF	RF	Store Lost		
29	07/28/21 02:30	07/28/21 19:25	16.92	S12B.V1 glitch [PS]			07/28/21 19:25	07/28/21 19:54	0.48	0.48	PS	PS	PS	Store Lost		
30	07/28/21 19:54	07/28/21 23:44	3.83	S12B.V1 glitch [PS]			07/28/21 23:44	07/29/21 00:14	0.50	0.50	PS	PS	PS	Store Lost		
31	07/29/21 00:14	07/29/21 11:09	10.92	RF-4 trip [RF]			07/29/21 11:09	07/29/21 11:38	0.48	0.48	RF	RF	RF	Store Lost		
32	07/29/21 11:38	07/29/21 21:08	9.50	RF-4 trip [RF]			07/29/21 21:08	07/29/21 21:36	0.47	0.47	RF	RF	RF	Store Lost		
33	07/29/21 21:36	07/30/21 05:38	8.03	RF-4 trip [RF]			07/30/21 05:38	07/30/21 06:17	0.65	0.65	RF	RF	RF	Store Lost		
34	07/30/21 06:17	07/30/21 10:33	4.27	RF-3 trip [RF]			07/30/21 10:33	07/30/21 10:56	0.38	0.38	RF	RF	RF	Store Lost		
35	07/30/21 10:56	07/30/21 13:51	2.92	RF-4 trip [RF]			07/30/21 13:51	07/30/21 14:48	0.95	0.95	RF	RF	RF	Store Lost		
36	07/30/21 14:48	08/01/21 12:01	45.22	RF-1 trip [RF]			08/01/21 12:01	08/01/21 14:09	2.13	2.13	RF	RF	RF	Store Lost		
37	08/01/21 14:09	08/03/21 00:00	33.85	Int. Dump: End of Period					0.00	0.00				Scheduled		
			151.52													
			0.00													
				09/14/21 20:50	09/14/21 21:22	0.53	0.53	RF	RF	RF	Store Lost					
38	09/13/21 08:00	09/14/21 20:50	36.83	RF-4 trip [RF]			09/14/21 20:50	09/14/21 21:22	0.53	0.53	RF	RF	RF	Store Lost		
39	09/14/21 21:22	09/15/21 04:59	7.62	RTFB trip [DIA]			09/15/21 04:59	09/15/21 05:26	0.45	0.45	DIA	DIA	DIA	Store Lost		
40	09/15/21 05:26	09/16/21 13:24	31.97	5v control PS trip [PS]			09/16/21 13:24	09/16/21 16:13	2.82		PS	PS	PS	Store Lost		
			141.95													
			0.00													
				09/16/21 15:13	09/16/21 16:13	1.00	1.00	DIA	DIA	DIA	Inhibits beam to user					
41	09/16/21 16:13	09/16/21 18:27	2.23	RF-4 anode OI [RF]			09/16/21 18:27	09/16/21 18:49	0.37	0.37	RF	RF	RF	Store Lost		
42	09/16/21 18:49	09/17/21 16:46	21.95	Unknown beam motion [UNK]			09/17/21 16:46	09/17/21 17:11	0.42	0.42	UNK	UNK	UNK	Store Lost		
43	09/17/21 17:11	09/19/21 10:31	41.33	RF-4 anode OI [RF]			09/19/21 10:31	09/19/21 11:03	0.53	0.53	RF	RF	RF	Store Lost		
44	09/19/21 11:03	09/19/21 21:00	9.95	RF-4 anode OI [RF]			09/19/21 21:00	09/19/21 21:30	0.50	0.50	RF	RF	RF	Store Lost		
45	09/19/21 21:30	09/20/21 08:00	10.50	Int. Dump: End of Period					0.00	0.00				Scheduled		
			162.38													
			0.00													
				09/24/21 02:56	09/24/21 05:59	3.05	3.05	PS	PS	PS	Store Lost					
46	09/21/21 08:00	09/24/21 02:56	66.93	S24 5V PS failure [PS]			09/24/21 02:56	09/24/21 05:59	3.05	3.05	PS	PS	PS	Store Lost		
47	09/24/21 05:59	09/26/21 15:04	57.08	RF-4 HVPS trip [RF]			09/26/21 15:04	09/26/21 18:20	3.27		RF	RF	RF	Store Lost		
			141.95													
			0.00													
				09/26/21 16:04	09/26/21 18:20	2.27	2.27	PS	PS	PS	Inhibits beam to user					
48	09/26/21 18:20	09/30/21 08:00	85.67	Int. Dump: End of Period					0.00	0.00				Scheduled		
			203.66													
			0.00													
				09/30/21 08:00		6.32	6.32									

Number of Lost Fills	34
Number of Intentional Dumps	12
Number of Fills	46
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Total User Beam	1572.13
Total User Downtime	51.87
Total Schedule Run Length	1624
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Mean Time Between Faults	46.24
Faults/Day of Delivered Beam	0.52
X-ray Availability	96.81%

Downtime	
User	System
51.87	51.87

65.5 User Beam days

-- This downtime includes Gaps Open