

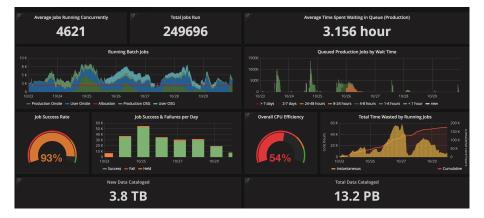
#### NOvA Experiment Report

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October 30, 2017





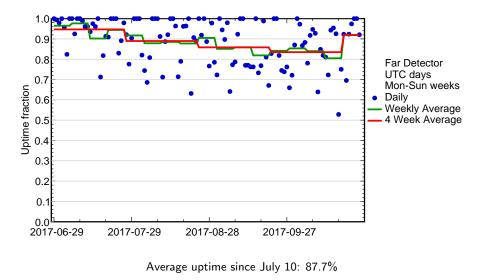
- huge push by analysis groups due to collaboration meeting
- many non-production jobs were submitted where some of the normal procedures were missed – low efficiency as some users didnt ensure files were cached
- Production group is finishing systematic samples for this round of analyses, before Neutrino 2018 conference campaign begins in two weeks

# Shutdown Summary

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2			Shudown Week	1		2		3	4		5	6		7	8		9		10	11		12		13	1	14	15		16	17	_
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12		/	Overtemp Loadshed Tests	i	Ash River	ReddyMa	et .	SID	i.		i I	i I			i I		i i			i.			- i		-i		i.		i i	1 T	
13													_																		
14															۵	AQ Up	grades														
15		/	DAQ Dashboard Devel.	Karel																											_
16		/	DAQ Dashboard Deployment			Pre-Beta			Be	ta 🛛		Beta-	2		Prod.	uction															_
17		1	DAQ Dashboard Documentation	Document	tation Written										Revie	ow															
18		1	Spill server apps heartbeat	Justin																											_
19		1	Convert DAQ/DDT CVS to SVN											Code Free	a R12-	Beta															_
20			Absorb dagidd ups products in DDT/offline SRT								SIp																				
21		1	DAQ/Trigger Releases R10-Final			R10-FINA	L.	SIp																							_
22		1	DAQ/Trigger Releases R11						R	1																					_
23			DAQ/Trigger Releases R12-Beta												R12-	Beta															
24	Plann	ned	DAQ/Trigger Releases R12 (Production)														R12-0x	c													_
25		1	Database flattening		Mat J.																										
26		1	Expert Desktop Setup			Teresa		Sip																							_
27		1	Audit novadag/hovadcs users																												_
28		1	Kernel Updates																												
29		<ul> <li>I</li> </ul>	Multi-partion test R10/R11																												_
30		1	Multi-partion test R11+																												_
31		<ul> <li>I</li> </ul>	Training																												
32		1	DSO Scan roll out					Teresa			SIp																				_
33		<i>,</i>	Gangila Upgrade						Pe	ng Bing	SIp																				_
34			Trigger Validation Framework Integration								Aris																				
35		<i>,</i>	Rewrite day to switch to internal timing								Reddy										And										_
36	In pro	ogresi	Supernova trigger testing									Andre	ay .	Alec	Alec		Alec		Alec	Alec		Alec									
37		1	Buffer node replacement (Phase 1)			Ash River		System i	ldn -					Testing	Syste																
38		1	Buffer node replacement (Phase 2)					Ash Rive	r Sy		100			Testing	Syste																
39		1	Buffer node replacement (Phase 3)												Ash F	River	System														_
40		· .	DAQ/DCS Server maintenance									Sys A	dmins		AQ es	xperts															
41	Defer	med	Automated Health Checks												Gene																_
42		1	DAQ On-Call Expert Documentation																												
43			Deploy Supernova trigger																Andrey						_						_
44			VNC Alignment			General		Leon		SIIp																					
	Defer		DCM Timing Offset							th Eva	Justr Ev																				
45	In pro		Stabity Testing					General				menal (R					Genera	IR12	Dowth so		a and n	placerr	iont no	(det)							_
47			Puppet Refactoring						Sy		m Admin																				
45			Gateway Authentication						An			Andre													_						_
42		1	Loadshed Software Dev/Test/Deploy (System Wide)		Eric F.																										_
50		1	Loadshed Software Dev/Test/Deploy (Single Server)			Reddy	Mat		SI	2																					_
51			Trigger Framework Upgrades (TFIIeService)								Leo Al	ec Leo	Alec	Slip																	_
52		1	Kill Partition (Multi-Partion)						1			Shike	Cal												- 1		1				

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### Shutdown Uptime



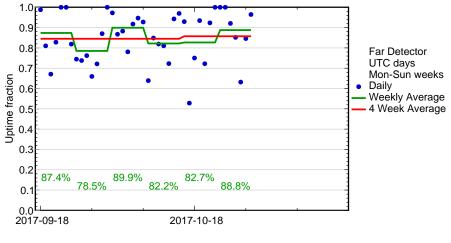
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- last test of script to shut down computing cluster in case of a high temperature event to happen this week
- continued DAQ stability testing after addition of 72 buffer nodes to replace those lost in the sprinkler incident in November
- final software release has been cut and ready to go for beam

# DAQ Status and Uptime: FarDet

Four Week Average: 85.9%

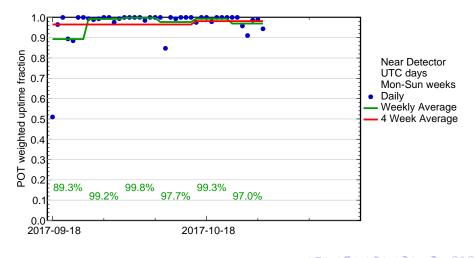


Power glitch at Far Detector which caused master database machine to go down, led to 11 hours downtime. (a + a) + (a + b) +

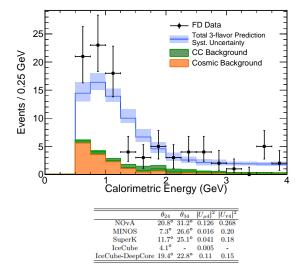
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# DAQ Status and Uptime: NearDet

Four Week Average: 98.45%



# Neutral Current Disappearance analysis published today!



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