

DIII-D RUN LOG

DIII-D has operated 18.2 weeks for fiscal year .
 Number of planned runweeks: 14
 Plus 3 Weeks (ARRA)
 Total number of discharges: 3162

Run Date	Scheduled Hours	Hours	Accumulated Hours	Accumulated Weeks *	Accumulated Discharges	Experiment Title	Discharge Range	Session Leader	Miniproposal
10/20/2009	8.5	8.5	8.5	0.2	31	RMP effect on L-H Power Threshold	139504 - 139540	Gohil, Punit	2010-31-02
10/21/2009	8.5	8.5	17.0	0.4	64	Error Field Influence on Tearing Stability at Low Torque	139541 - 139575	Buttery, Richard	2010-02-01
10/22/2009	10.3	10.3	27.3	0.7	101	Error Field Influence on Tearing Stability at Low Torque	139576 - 139606	Buttery, Richard	2010-02-01
10/22/2009	10.3	10.3	27.3	0.7	101	Preparatory Session for Advanced Inductive Discharges	139607 - 139613	Pinsker, Bob	2010-99-05

						With Fast Waves at 1.3 T			
10/23/2009	8.5	8.5	35.8	0.9	227	Neon shattered pellet	139614 - 139639	Jernigan, Tom	2010-01-01
10/26/2009	8.5	8.5	44.3	1.1	270	H-mode Power Threshold as a function of helium purity	139640 - 139664	Gohil, Punit	2010-09-20
10/26/2009	8.5	8.5	44.3	1.1	270	Advanced inductive plasmas with high EC and FW power	139665 - 139682	Politzer, Pete	2010-12-01
10/27/2009	8.5	8.5	52.8	1.3	305	Advanced inductive plasmas with high EC and FW power	139683 - 139719	Politzer, Pete	2010-12-01
10/28/2009	8.5	8.5	61.3	1.5	338	RMP 3D heat flux	139720 - 139753	Jakubowski, Marcin	2010-31-01
10/29/2009	10.5	10.5	71.8	1.8	377	RMP 3D heat flux	139754 - 139771	Jakubowski, Marcin	2010-31-01
10/29/2009	10.5	10.5	71.8	1.8	377	Advanced inductive plasmas with high EC and FW power	139772 - 139786	Politzer, Pete	2010-12-01
10/29/2009	10.5	10.5	71.8	1.8	377	Development of Model-Based Current Profile Control	139787 - 139790	Walker, Mike	2010-09-03
10/29/2009	10.5	10.5	71.8	1.8	377		139791 - 139798	Burrell, Keith	2009-09-99
10/30/2009	8.5	8.5	80.3	2.0	410	Radiative divertor- ELM suppression Coupling in H-mode	139799 - 139832	Petrie, Tom	2010-13-01

11/09/2009	10.3	6.0	86.3	2.2	430	Gas balance in ECH-heated, ELMing H-mode plasmas with strong cryopumping	139897 - 139922	Unterberg, Zeke	2010-61-01
11/10/2009	11.5	11.5	97.8	2.4	477	Turbulent transport in the edge/SOL	139923 - 139969	Leonard, Tony	2010-62-01
11/11/2009	11.5	11.5	109.3	2.7	518	Initial Survey of TBM Error Field Effects	139970 - 140011	Gohil, Punit	2010-04-01
11/12/2009	11.5	11.5	120.8	3.0	566	TBM effects on the H-mode performance	140012 - 140047	Gohil, Punit	2010-04-03
11/12/2009	11.5	11.5	120.8	3.0	566	TBM effects on RMP ELM suppression	140048 - 140059	Evans, Todd	2010-04-04
11/13/2009	11.5	11.5	132.3	3.3	602	Development of Model-based Current Profile Control at DIII-D	140060 - 140095	Moreau, Didier	2010-42-01
11/16/2009	11.5	11.5	143.8	3.6	641	Development of Model-based Current Profile Control at DIII-D	140096 - 140115	Walker, Mike	2010-42-02
11/16/2009	11.5	11.5	143.8	3.6	641	TBM effects on RMP ELM suppression	140116 - 140135	Evans, Todd	2010-04-04
11/17/2009	11.5	11.5	155.3	3.9	686	TBM effects on the H-mode performance	140136 - 140180	Gohil, Punit	2010-04-03
11/18/2009	11.5	11.5	166.8	4.2	728	Effect of TBM Error Fields on Fast-ion Confinement	140181 - 140198	Heidbrink, Bill	2010-04-06
11/18/2009	11.5	11.5	166.8	4.2	728	TBM field for QH-	140199 -	Garofalo,	2010-09-01

						mode access with small co- <i>I</i> p NBI torque	140222	Andrea	
11/19/2009	11.5	11.5	178.3	4.5	767	TBM effects on the H-mode performance	140223 - 140241	Gohil, Punit	2010-04-03
11/19/2009	11.5	11.5	178.3	4.5	767	Mode locking and correction of TBM error field	140242 - 140263	Reimerdes, Holger	2010-04-05
11/20/2009	11.5	11.5	189.8	4.7	804	Mode locking and correction of TBM error field	140264 - 140281	Reimerdes, Holger	2010-04-05
11/20/2009	11.5	11.5	189.8	4.7	804	TBM effects on RMP ELM suppression	140282 - 140292	Evans, Todd	2010-04-04
11/20/2009	11.5	11.5	189.8	4.7	804	TBM effects on the H-mode performance	140293 - 140299	Schaffer, Mike	2010-04-03
11/20/2009	11.5	11.5	189.8	4.7	804	ELM pacing with AC n=3 fields	140300 - 140308	Solomon, Wayne	2010-31-03
11/30/2009	8.5	3.0	192.8	4.8	825	ITER Rampdown	140322 - 140346	Politzer, Pete	2010-41-01
12/01/2009	8.5	8.5	201.3	5.0	854	ELM pacing with AC n=3 fields	140347 - 140375	Solomon, Wayne	2010-31-03
12/02/2009	8.5	8.5	209.8	5.2	889	ITER startup	140376 - 140394	Jackson, Gary	2010-41-02
12/02/2009	8.5	8.5	209.8	5.2	889	ITER Rampdown	140395 - 140410	Politzer, Pete	2010-41-01
12/03/2009	10.5	10.5	220.3	5.5	927	Effect of collisionality on pedestal height, ELM size and turbulence	140411 - 140442	Groebner, Richard	2010-21-01

12/03/2009	10.5	10.5	220.3	5.5	927	Preparatory Session for Advanced Inductive Discharges With Fast Waves at 1.3 T	140443 - 140448	Pinsker, Bob	2010-99-05
12/04/2009	8.5	8.5	228.8	5.7	963	ELM pacing with AC n=3 fields	140449 - 140464	Solomon, Wayne	2010-31-03
12/04/2009	8.5	8.5	228.8	5.7	963	Error Field Influence on Tearing Stability at Low Torque	140465 - 140476	Buttery, Richard	2010-02-01
12/04/2009	8.5	8.5	228.8	5.7	963	AA testing	140477 - 140484	Jackson, Gary	2010-99-00
12/07/2009	8.5	8.5	237.3	5.9	1003	Development of FW Coupling in ELMing H-modes	140485 - 140529	Pinsker, Bob	2010-12-03
12/08/2009	8.5	8.5	245.8	6.1	1032	Investigate Thomson Scattering ECE Discrepancy and Measure FWCD Profile in High Te Discharges	140530 - 140544	White, Anne	2010-55-01
12/08/2009	8.5	8.5	245.8	6.1	1032	: Simultaneous optimization of dynamic error field correction and Direct Feedback in (transiently) unstable RWM regime	140545 - 140558	Okabayashi, Michio	2010-14-01
12/09/2009	8.5	8.5	254.3	6.4	1062	Disruption characterization	140559 - 140589	Wesley, John	2010-32-01

12/10/2009	10.5	10.5	264.8	6.6	1385	Modulated turbulent particle transport	140590 - 140619	DeGrassie, John	2010-53-02
12/10/2009	10.5	10.5	264.8	6.6	1385	Fast Wave	140620 - 140626	Pinsker, Bob	2001-99-05
12/11/2009	8.5	8.5	273.3	6.8	1426	AI with FW and EC	140627 - 140667	Politzer, Pete	2010-12-02
12/14/2009	8.5	8.5	281.8	7.0	1462	Increased duration fully noninductive steady-state scenario discharges	140668 - 140703	Ferron, John	2010-11-01
12/15/2009	8.5	8.5	290.3	7.3	1487	Investigate Thomson Scattering ECE Discrepancy and Measure FWCD Profile in High Te Discharges	140704 - 140720	White, Anne	2010-55-01
12/15/2009	8.5	8.5	290.3	7.3	1487	: Simultaneous optimization of dynamic error field correction and Direct Feedback in (transiently) unstable RWM regime	140721 - 140728	In, Yongkyoon	2010-14-01
12/16/2009	7.5	7.5	297.8	7.4	1518	Error Field Influence on Tearing Stability at Low Torque	140729 - 140742	Buttery, Richard	2010-02-01
12/16/2009	7.5	7.5	297.8	7.4	1518	Modulated turbulent particle transport		DeGrassie, John	2010-53-02
12/16/2009	7.5	7.5	297.8	7.4	1518	Modulated turbulent particle transport	140743 - 140759	DeGrassie, John	2010-53-02

12/17/2009	10.5	10.5	308.3	7.7	1559	Radiating divertor-ELM suppression coupling in H-mode (day #3)	140760 - 140800	Petrie, Tom	2010-13-03
01/06/2010	8.5	8.5	316.8	7.9	1591	Increased duration fully noninductive steady-state scenario discharges	140870 - 140901	Ferron, John	2010-11-01
01/07/2010	10.5	10.5	327.3	8.2	1628	Transport of super-Alfvenic fast ions by Toroidal Alfven Eigenmodes	140902 - 140931	Fredrickson, Eric	2010-52-04
01/07/2010	10.5	10.5	327.3	8.2	1628	DIII-D solenoidless startup - Obtain Rp Control	140932 - 140938	Leuer, Jim	2010-43-01
01/08/2010	8.5	8.5	335.8	8.4	1659	Beta Limits In RMP ELM Suppressed Hybrid Plasmas With NTM Stabilization	140939 - 140969	Hudson, Ben	2010-13-02
01/11/2010	8.5	8.5	344.3	8.6	1693	Joint NSTX/DIII-D poloidal rotation experiment	140970 - 141003	Burrell, Keith	2010-51-02
01/12/2010	8.5	8.5	352.8	8.8	1730	Increased duration fully noninductive steady-state scenario discharges	141004 - 141021	Ferron, John	2010-11-01
01/12/2010	8.5	8.5	352.8	8.8	1730	ITER Rampdown	141022 - 141040	Politzer, Pete	2010-41-01
01/13/2010	8.5	8.5	361.3	9.0	1756	Active Control of Locked Modes	141041 - 141066	Volpe, Francesco	2010-33-01

01/14/2010	10.5	10.5	371.8	9.3	1793	Fishbone Driven Energetic Particle Interaction with RWMs	141067 - 141095	Matsunaga, Go	2010-14-02
01/14/2010	10.5	10.5	371.8	9.3	1793	DIII-D Startup using only outside coils F-coils (F6&F7) WITH ECOIL to NBCD	141096 - 141103	Leuer, Jim	2010-43-01
01/15/2010	8.5	8.5	380.3	9.5	1823	DiMES Porous Plug Injector Mark II Experiment	141104 - 141117	McLean, Adam	2010-65-01
01/15/2010	8.5	8.5	380.3	9.5	1823	Study of the ELM triggering phenomenon	141118 - 141133	Baylor, Larry	2010-31-05
01/18/2010	8.5	4.3	384.5	9.6	1841	AI with FW and EC	141134 - 141164	Politzer, Pete	2010-12-02
01/19/2010	8.5	8.5	393.0	9.8	1872	DiMES Porous Plug Injector Mark II Experiment	141165 - 141178	McLean, Adam	2010-65-02
01/19/2010	8.5	8.5	393.0	9.8	1872	Fast-ion transport by NTMs and at sawtooth crashes	141179 - 141208	Heidbrink, Bill	2010-52-02
01/20/2010	8.5	8.5	401.5	10.0	1907	Fast-ion transport by NTMs and at sawtooth crashes	141209 - 141227	Heidbrink, Bill	2010-52-02
01/20/2010	8.5	8.5	401.5	10.0	1907	Optimization of simultaneous operation of dynamic error field correction and Direct Feedback	141228 - 141246	Okabayashi, Michio	2010-14-03

						with AC decoupling in unstable RWM regime			
01/22/2010	8.5	3.8	405.3	10.1	1926	Plasma Startup & Systems Checkout - Post outage	141261 - 141269	Hyatt, Al	2010-99-99
01/22/2010	8.5	3.8	405.3	10.1	1926	DIII-D Startup using only outside coils F- coils (solenoidless startup) Rev. 1	141270 - 141282	Leuer, Jim	2010-43-01
01/27/2010	8.5	8.5	413.8	10.3	1957	CER beam into gas calibration	141291 - 141297	Burrell, Keith	2010-99-02
01/27/2010	8.5	8.5	413.8	10.3	1957	DIII-D Startup using only outside coils F- coils (solenoidless startup) Rev. 1	141298 - 141321	Leuer, Jim	2010-43-01
01/28/2010	6.0	6.0	419.8	10.5	1984	RMP ELM Suppression At Low Rotation In The ITER Shape	141322 - 141350	Hudson, Ben	2010-02-04
01/29/2010	8.5	8.5	428.3	10.7	2013	understand the effect of large nonresonant magnetic fields (NRMFs) on ITER similar shape (ISS), low rotation, QH- mode plasmas.	141351 - 141379	Garofalo, Andrea	2010-02-03
02/01/2010	8.5	8.5	436.8	10.9	2043	QH-Mode Turbulence/Transport Model Validation	141380 - 141410	Holland, Chris	2010-03-03

						Experiment			
02/02/2010	8.5	8.5	445.3	11.1	2076	Effect of Rotaton on EHO-Induced Edge Particle Transport in QH-mode Plasmas	141411 - 141432	Burrell, Keith	2010-02-05
02/02/2010	8.5	8.5	445.3	11.1	2076	understand the effect of large nonresonant magnetic fields (NRMFs) on ITER similar shape (ISS), low rotation, QH-mode plasmas.	141433 - 141443	Garofalo, Andrea	2010-02-03
02/03/2010	8.5	8.5	453.8	11.3	2107	Intrinsic rotation drive through turbulence-driven Reynolds stress	141444 - 141487	Muller, Stefan	2010-51-01
02/04/2010	10.5	10.5	464.3	11.6	2145	Active Control of Locked Modes	141488 - 141504	Volpe, Francesco	2010-33-01
02/04/2010	10.5	10.5	464.3	11.6	2145	AI with FW and EC	141505 - 141529	Politzer, Pete	2010-12-02
02/05/2010	8.5	8.5	472.8	11.8	2180	Fast-ion transport by many RSAEs and TAEs	141530 - 141564	Van Zeeland, Michael	2010-52-01
02/08/2010	8.5	8.5	481.3	12.0	2220	Tearing mode avoidance in fully-NI discharges	141565 - 141606	Turco, Francesca	2010-11-02
02/09/2010	8.5	8.5	489.8	12.2	2253	Inter-machine comparisons for divertor and SOL heat flux	141607 - 141643	Lasnier, Charles	2010-62-02

02/10/2010	10.5	10.5	500.3	12.5	2296	Dependence of ELM Size on Rotation at High Triangularity and High Beta-Poloidal	141644 - 141679	Hudson, Ben	2010-21-03
02/10/2010	10.5	10.5	500.3	12.5	2296	Neon SPI Qualification Tests	141680 - 141687	Jernigan, Tom	2010-99-07
02/11/2010	8.5	8.5	508.8	12.7	2332	Tearing mode avoidance in fully-NI discharges	141688 - 141708	Turco, Francesca	2010-11-02
02/11/2010	8.5	8.5	508.8	12.7	2332	Inter-machine comparisons for divertor and SOL heat flux	141709 - 141718	Lasnier, Charles	2010-62-02
02/11/2010	8.5	8.5	508.8	12.7	2332	Intrinsic rotation	141719 - 141724	Solomon, Wayne	2010-51-01
02/12/2010	8.5	8.5	517.3	12.9	2368	Control of runaway electron current channel in DIII-D	141725 - 141760	Humphreys, Dave	2010-32-02
03/01/2010	8.5	8.5	525.8	13.1	2393	ITER Physics: RMP ELM control in He plasmas	141833 - 141859	Evans, Todd	2010-35-01
03/02/2010	8.5	8.5	534.3	13.4	2426	ITER Physics: RMP ELM control in He plasmas	141860 - 141873	Evans, Todd	2010-35-01
03/02/2010	8.5	8.5	534.3	13.4	2426	H-mode Power Threshold and H-mode characteristics in helium plasmas with hydrogen NBI	141874 - 141894	Gohil, Punit	2010-35-02

03/03/2010	8.5	8.5	542.8	13.6	2456	Test field penetration and transport features in L-mode plasmas	141895 - 141925	Schmitz, Oliver	2010-02-02
03/04/2010	10.5	10.5	553.3	13.8	2495	Measure the Structure of a Slowly Rotating Tearing Mode	141926 - 141957	LaHaye, Rob	2010-54-01
03/04/2010	10.5	10.5	553.3	13.8	2495	Neon shattered pellet	141958 - 141964	Jernigan, Tom	2010-01-01
03/05/2010	8.5	8.5	561.8	14.0	2525	H-mode power threshold and H-mode characteristics in D2 plasmas	141965 - 141996	Gohil, Punit	2010-35-03
03/08/2010	8.5	8.5	570.3	14.3	2560	Turbulence and Transport Variation with Te/Ti and Rotation in Hybrid H-Mode Plasmas	141997 - 142032	McKee, George	2010-03-01
03/09/2010	8.5	8.5	578.8	14.5	2591	Study the compatibility of pelet fueling with RMP ELM suppression	142033 - 142050	Commaux, Nicolas	2010-31-04
03/09/2010	8.5	8.5	578.8	14.5	2591	Carbon erosion at elevated surface temperature in detached H-mode plasmas	142051 - 142063	Rudakov, Dmitry	2010-65-03
03/10/2010	10.5	10.5	589.3	14.7	2628	Edge turbulence suppression zone and H-mode pedestal structure	142064 - 142095	Osborne, Tom	2010-21-02

03/10/2010	10.5	10.5	589.3	14.7	2628	Thomson calibration	142096 - 142102	Leonard, Tony	2010-99-99
03/11/2010	8.5	8.5	597.8	14.9	2658	Documentation of fast-ion transport	142103 - 142132	Heidbrink, Bill	2010-52-03
03/12/2010	8.5	8.5	606.3	15.2	2691	Disruption Mitigation using large shattered neon pellets	142133 - 142165	Commaux, Nicolas	2010-01-03
03/15/2010	8.5	8.5	614.8	15.4	2725	Gas balance in ELM- y H-mode plasmas with strong cryopumping (part 2)	142166 - 142199	Unterberg, Zeke	2010-61-02
03/16/2010	8.5	5.3	620.0	15.5	2744	Heat transport profiles and poloidal Asymmetries, Carbon Flows and Secondary Divertor Heat flux	142200 - 142229	Leonard, Tony	2010-62-04
03/17/2010	8.5	8.5	628.5	15.7	2771	Enhanced Particle Transport with RMPs	142230 - 142257	Moyer, Rick	2010-02-06
03/18/2010	10.5	8.5	637.0	15.9	2793	JET/DIII-D hybrid identity match	142258 - 142280	Politzer, Pete	2010-15-02
03/19/2010	8.5	8.5	645.5	16.1	2829	The role of zonal flows and the Reynolds stress in triggering the LH transition	142281 - 142281	Yan, Zheng	2010-53-01
03/19/2010	8.5	8.5	645.5	16.1	2829	The role of zonal flows and the Reynolds stress in triggering the LH transition	142282 - 142317	Yan, Zheng	2010-53-01

03/22/2010	8.5	8.5	654.0	16.4	2861	Tearing mode avoidance in fully noninductive discharges	142318 - 142349	Holcomb, Chris	2010-11-03
03/23/2010	8.5	8.5	662.5	16.6	2894	Scaling of transport with Te/Ti in L-mode plasmas	142350 - 142383	White, Anne	2010-03-02
03/24/2010	10.5	10.5	673.0	16.8	2942	Advanced Inductive Plasmas With High EC and FW Power (Day 3)	142384 - 142431	Politzer, Pete	2010-09-23
03/25/2010	8.5	8.5	681.5	17.0	2982	Tearing mode avoidance in fully noninductive discharges	142432 - 142463	Holcomb, Chris	2010-11-03
03/25/2010	8.5	8.5	681.5	17.0	2982	JET/DIII-D hybrid identity match	142464 - 142471	Politzer, Pete	2010-15-02
03/26/2010	8.5	4.8	686.3	17.2	3002	Effects of sheared toroidal rotation, magnetic shear and core particle source on H-mode pedestal structure	142472 - 142493	Groebner, Richard	2010-21-04
04/01/2010	12.5	12.5	698.8	17.5	3053	ELM Suppression in DN plasmas	142571 - 142607	Evans, Todd	2010-09-30
04/01/2010	12.5	12.5	698.8	17.5	3053	Correlation between density pump-out and applied magnetic perturbations	142608 - 142622	Mordijck, Saskia	2010-09-26
04/02/2010	8.5	8.5	707.3	17.7	3087	High-beta, steady-	142623 -	Petty, Craig	2010-09-24

						state hybrids	142645		
04/02/2010	8.5	8.5	707.3	17.7	3087	High-beta, steady-state hybrids - second part	142646 - 142657	Turco, Francesca	2010-99-24
04/05/2010	12.5	12.5	719.8	18.0	3130	Control of runaway electron current channel in DIII-D	142658 - 142674	Humphreys, Dave	2010-99-25
04/05/2010	12.5	12.5	719.8	18.0	3130	RMP Suppression of Runaway Electrons	142675 - 142692	Humphreys, Dave	2010-01-04
04/05/2010	12.5	12.5	719.8	18.0	3130	Test of neutral beam feedback control of the plasma response to externally applied n=1 fields	142693 - 142701	Hanson, Jeremy	2010-99-10
04/06/2010	8.5	8.5	728.3	18.2	3162	Impurity injection into runaway electron beam	142702 - 142733	Hollmann, Eric	2010-01-02

* Accumulated Weeks = (Accumulated Hours) / 40.0
