

C-AD OPERATIONS STATISTICS
 FY07 - Quarter 2:
 01/02/07/2 to 03/03/07/3

TOTAL HOURS IN QUARTER	2183
SCHEDULED SHUTDOWN (not staffed)	1017
SCHEDULED OPERATIONS	1166
SCHEDULED OPERATIONS -- PHYSICS OPERATING HOURS	651
SCHEDULED OPERATIONS -- NON PHYSICS HOURS	516
UNSCHEDULED SHUTDOWN	0

BEAM		NON-PHYSICS HOURS		PHYSICS OPERATING HOURS					TOTAL HOURS	TOTAL	AVERAGE	
Particle	Energy (GeV/n)	Machine Failure	Accelerator Maintenance	Particle Physics	Machine Physics	Beam Studies	Accelerator Setup	Experimenter Setup	(per beam)	ACCELERATED PARTICLES	PARTICLES PER PULSE	
NSRL7A												
C	0.290	1.6		29.4	2.3		26.5	0.3	60.1	6.20E+13	4.03E+09	
Si	0.300	0.7		3.7			5.0	0.4	9.7	5.01E+13	5.37E+09	
Si	1.000	1.8		17.5			5.5		24.8	4.79E+13	6.20E+09	
p	1.000	11.2		44.4			34.0	0.5	90.1	7.17E+14	2.34E+10	
Gold	11	305.6	209.9	64.6	48.6	0.0	495.7	42.0	1166.4			
Subtotals		305.6	209.9	64.6	48.6	0.0	495.7	42.0				
TOTALS									516		651	

PARASTITIC OPERATIONS (hours)	184.6
NSRL7A	

OPERATING EFFICIENCY =	$\frac{\text{PHYSICS + STUDIES + SETUP}}{\text{PHYSICS + STUDIES + SETUP + FAILURES}}$	= 68.0%
------------------------	--	---------