

MILC Asqtad Gauge Configurations

am_l / am_s	$m_\pi L$	Lattice	# Lats
$a \approx 0.12$ fm			
0.40/0.40	29.4	$20^3 \times 64$	332
0.20/0.20	19.6	$20^3 \times 64$	341
0.10/0.10	13.7	$20^3 \times 64$	340
0.050 / 0.05	9.7	$20^3 \times 64$	425
0.040 / 0.05	8.7	$20^3 \times 64$	351
0.030 / 0.05	7.6	$20^3 \times 64$	564
0.020 / 0.05	6.2	$20^3 \times 64$	1758
0.010 / 0.05	4.5	$20^3 \times 64$	2023
0.010 / 0.05	6.3	$28^3 \times 64$	275
0.007 / 0.05	3.8	$20^3 \times 64$	1852
0.005 / 0.05	3.8	$24^3 \times 64$	1802
0.030 / 0.03	7.6	$20^3 \times 64$	367
0.010 / 0.03	4.5	$20^3 \times 64$	357
0.005 / 0.005	5.2	$32^3 \times 64$	701
$a \approx 0.09$ fm			
0.031 / 0.031	9.0	$28^3 \times 96$	500
0.0124 / 0.031	5.8	$28^3 \times 96$	1996
0.0093 / 0.031	5.0	$28^3 \times 96$	1138
0.0062 / 0.031	4.1	$28^3 \times 96$	1946
0.00465 / 0.031	4.1	$32^3 \times 96$	665
0.0031 / 0.031	4.2	$40^3 \times 96$	1012
0.00155 / 0.031	4.8	$64^3 \times 96$	750
0.0062 / 0.0186	4.1	$28^3 \times 96$	985
0.0031 / 0.0186	4.2	$40^3 \times 96$	642
0.0031 / 0.0031	4.2	$40^3 \times 96$	440
$a \approx 0.06$ fm			
0.0072 / 0.018	6.3	$48^3 \times 144$	625
0.0054 / 0.018	5.5	$48^3 \times 144$	617
0.0036 / 0.018	4.5	$48^3 \times 144$	771
0.0025 / 0.018	4.4	$56^3 \times 144$	800
0.0018 / 0.018	4.3	$64^3 \times 144$	826
0.0036 / 0.0108	6.0	$64^3 \times 144$	600
$a \approx 0.045$ fm			
0.0028 / 0.014	4.1	$64^3 \times 192$	861

MILC three flavor gauge configurations with $a \leq 0.12$ fm as of July, 2009. The first column gives the light and strange quark masses in lattice units, the second column the product of the Goldstone pion mass and the spatial width of the lattice, and the third the lattice dimensions. The last column indicates the number of equilibrated configurations.