lg(m) means logarithm of m to the base 10

Results

lg(m)	$\bar{s}$_m	$\bar{a}$_m	$\bar{Wq}$_m	$\bar{u}$_m
1	152.48579248740754	243.1167144525913	24.28383475519181	0.6272122952580574
2	100.39457801075525	204.5038050156344	75.57158859421975	0.4909178976062574
3	97.11596221153843	198.0878190387615	96.93930792751301	0.4902672091742044
4	99.44162529800253	197.8281289808346	102.59943146021305	0.5026667633682991
5	100.46628836557198	199.80875555198347	100.88320567024017	0.5028122420763191
6	100.11199091283943	199.76177214501487	101.06704273783002	0.5011569022333474
7	100.01700178257177	199.99073940613704	100.0871824226771	0.5001081654058958
8	99.99216056153082	199.98202366866576	100.05990735526107	0.5000057441522836
9	99.99807588802256	199.99564649555066	100.01730698688384	0.5000012632287335

Theoretical Results

u = 0.5 Wq = 100

Final answers will be approximately as shown.

Actual answer will depend upon the values of seed values.