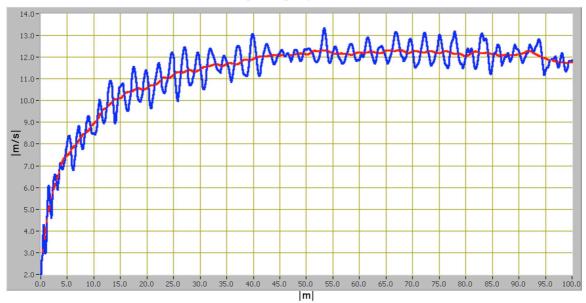






12th IAAF World Championships in Athletics • Berlin, 15.–23.08.2009 100m men final: Usain BOLT (JAM) 9,58s – WR



Race distribution: LAVEG measurement curve (blue) and average speed (red)

Split times [s]

	Reaction time	t10	t20	t30	t40	t50	t60	t70	t80	t90	t100
Bolt	0,146	1,89	2,88	3,78	4,64	5,47	6,29	7,10	7,92	8,75	9,58
Powell	0,134	1,87	2,90	3,82	4,70	5,55	6,39	7,23	8,08	8,94	9,84

Average velocities at 10m, 20m, ... 100m [m/s]

V10 V20 V30 V40 V50 V60 V70 V80 V90 V100 Bolt 5,29 10,10 11,11 11,63 12,05 12,20 12,35 12,20 12,05 12,05 Powell 5,35 9,71 10,87 11,36 11,76 11,90 11,90 11,76 11,63 11,11

Vmx	at m	V99%	at m
12,27	65,03	12,15	48,18

Vmax is the maximual velocity of 12,27m/s, reached at 65m V99 is 99% of the maximal velocity, reached at 48,18m