

automatically timed 100m records since 1964 (Track and Field News)

Time(sec.)	Athlete	Nationality	Location of race	Date	year	yrs. since 1964
10.06	Bob Hayes	USA	Tokyo, Japan	15-Oct-64	1964	0
10.03	Jim Hines	USA	Sacramento, USA	20-Jun-68	1968	4
10.02	Charles Greene	USA	Mexico City, Mexico	13-Oct-68	1968	4
9.95	Jim Hines	USA	Mexico City, Mexico	14-Oct-68	1968	4
9.93	Calvin Smith	USA	Colorado Springs, USA	3-Jul-83	1983	19
9.83	Ben Johnson	Canada	Rome, Italy	30-Aug-87	1987	23
9.93	Carl Lewis	USA	Rome, Italy	30-Aug-87	1987	23
9.93	Carl Lewis	USA	Zürich, Switzerland	17-Aug-88	1988	24
9.92	Carl Lewis	USA	Seoul, South Korea	24-Sep-88	1988	24
9.9	Leroy Burrell	USA	New York, USA	14-Jun-91	1991	27
9.86	Carl Lewis	USA	Tokyo, Japan	25-Aug-91	1991	27
9.85	Leroy Burrell	USA	Lausanne, Switzerland	6-Jul-94	1994	30
9.84	Donovan Bailey	Canada	Atlanta, USA	27-Jul-96	1996	32
9.79	Maurice Greene	USA	Athens, Greece	16-Jun-99	1999	35
9.78	Tim Montgomery	USA	Paris, France	14-Sep-02	2002	38
9.77	Asafa Powell	Jamaica	Athens, Greece	14-Jun-05	2005	41
9.77	Justin Gatlin	USA	Doha, Qatar	12-May-06	2006	42
9.77	Asafa Powell	Jamaica	Gateshead, England	11-Jun-06	2006	42
9.77	Asafa Powell	Jamaica	Zürich, Switzerland	18-Aug-06	2006	42
9.74	Asafa Powell	Jamaica	Rieti, Italy	9-Sep-07	2007	43
9.72	Usain Bolt	Jamaica	New York, USA	31-May-08	2008	44
9.69	Usain Bolt	Jamaica	Beijing, China	16-Aug-08	2008	44
9.58	Usain Bolt	Jamaica	Berlin, Germany	16-Aug-09	2009	45

y-intercept 10.05945305

slope -0.007515099

$$y = 10.05945 - .00752X$$

$$\text{TIME} = 10.06\text{seconds} - .0075*(\text{years since 1964})$$