



Korean Society of Sport Biomechanics

Scientific Research Project  
Biomechanical Analyses  
at the  
IAAF World Championships Daegu 2011

Daily Report

(August 30, 2011)



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## Biomechanical Analysis of the Triple Jump Women - Qualification (Mabel Gay)

**Date : 30 August 2011**

Name.	Jump distance (m)	Stride length (m)				Relative dist. (%)		
		1L	Hop	Step	Jump	Hop	Step	Jump
Mabel GAY	14.53	2.13	5.41	4.24	4.88	37%	29%	34%

Name	Horizontal velocity (m/s)				Loss of horizontal velocity(m/s)			Vertical velocity (m/s)		
	1L	Hop	Step	Jump	Hop	Step	Jump	Hop	Step	Jump
Mabel GAY	8.86	7.79	7.34	6.07	0.95	0.38	0.85	2.09	1.65	2.5

Name	Angle of take-off (°)		
	Hop	Step	Jump
Mabel GAY	15.02	12.67	22.38