

Catchments	Drainage area (km ²)	Peak Discharge (m ³ s ⁻¹)	Time of peak	Volume (1000 m ³)
Rain gauge rainfall daily data				
Angwa	9502	259.1	7 January 2015	561 686.4
Musengezi upstream	951	38.1	4 January 2015	102 415.9
CMORPH satellite rainfall 3 h data				
Angwa	9502	3135.6	5 January 2015	2 898 026.9
Musengezi upstream	951	250.6	2 February 2015	365 226.7
TRMM satellite rainfall 3 h data				
Angwa	9502	106	12 January 2015	285 114.6
Musengezi upstream	951	51.4	5 January 2015	45 950.3
CMORPH satellite rainfall 1 h data				
Angwa	9502	3581.6	5 January 2015	3 185 872.3
Musengezi-upstream	951	276.8	2 February 2015	393 687.5
CMORPH satellite rainfall 30 min data				
Angwa	9502	3689.8	5 January 2015	3 458 287.1
Musengezi-upstream	951	279.6	02 February 2015	420 255.6