


Arizona StreamStats

Basin Characteristics Report

Date: Fri Jun 13 2014 14:50:07 Mountain Daylight Time

NAD27 Latitude: 31.7985 (31 47 54)

NAD27 Longitude: -110.5907 (-110 35 26)

NAD83 Latitude: 31.7985 (31 47 55)

NAD83 Longitude: -110.5913 (-110 35 29)

Parameter	Value
Area in square miles	21.80
Mean Basin Elevation in feet (Analysis cell size: 10 m)	4960
Relief, in feet (Analysis cell size: 10 m)	2265
Relative relief - Basin relief divided by basin perimeter, in feet per mile (Analysis cell size: 10 m)	55.7
Mean basin slope computed from 10 m DEM, in percent (Analysis cell size: 10 m)	10.1
High Elevation Index - Percent of area above 7500 feet (Analysis cell size: 10 m)	0
Total stream length, in miles	105
Stream density (miles/square mile)	4.82
Mean annual precipitation, in inches (Analysis cell size: 900 m)	21.2
Mean January precipitation, in inches (Analysis cell size: 900 m)	1.59
Mean February precipitation, in inches (Analysis cell size: 900 m)	1.43
Mean March precipitation, in inches (Analysis cell size: 900 m)	1.5
Mean April precipitation, in inches (Analysis cell size: 900 m)	0.6
Mean May precipitation, in inches (Analysis cell size: 900 m)	0.3
Mean June precipitation, in inches (Analysis cell size: 900 m)	0.58
Mean July precipitation, in inches (Analysis cell size: 900 m)	4.25
Mean August precipitation, in inches (Analysis cell size: 900 m)	4.14
Mean September precipitation, in inches (Analysis cell size: 900 m)	2.15
Mean October precipitation, in inches (Analysis cell size: 900 m)	1.74
Mean November precipitation, in inches (Analysis cell size: 900 m)	1.21
Mean December precipitation, in inches (Analysis cell size: 900 m)	1.74
24 Hour 50 Year Precipitation in inches (Analysis cell size: 676 m)	4.4
24 Hour 100 Year Precipitation in inches (Analysis cell size: 676 m)	4.91
Percentage of forest land cover determined from NLCD 2001 land cover dataset (Analysis cell size: 30 m)	3.96
Mean percent impervious area from NLCD 2001 (Analysis cell size: 30 m)	0.0292
Percentage of developed land cover determined from NLCD 2001 land cover dataset (Analysis cell size: 30 m)	0.44
Percentage of herbaceous upland land cover determined from NLCD 2001 land cover dataset (Analysis cell size: 30 m)	3.29
Basin perimeter, in miles	40.7

Latitude of the centroid, in degrees	31.7837
Longitude of the centroid, in degrees	-110.6926