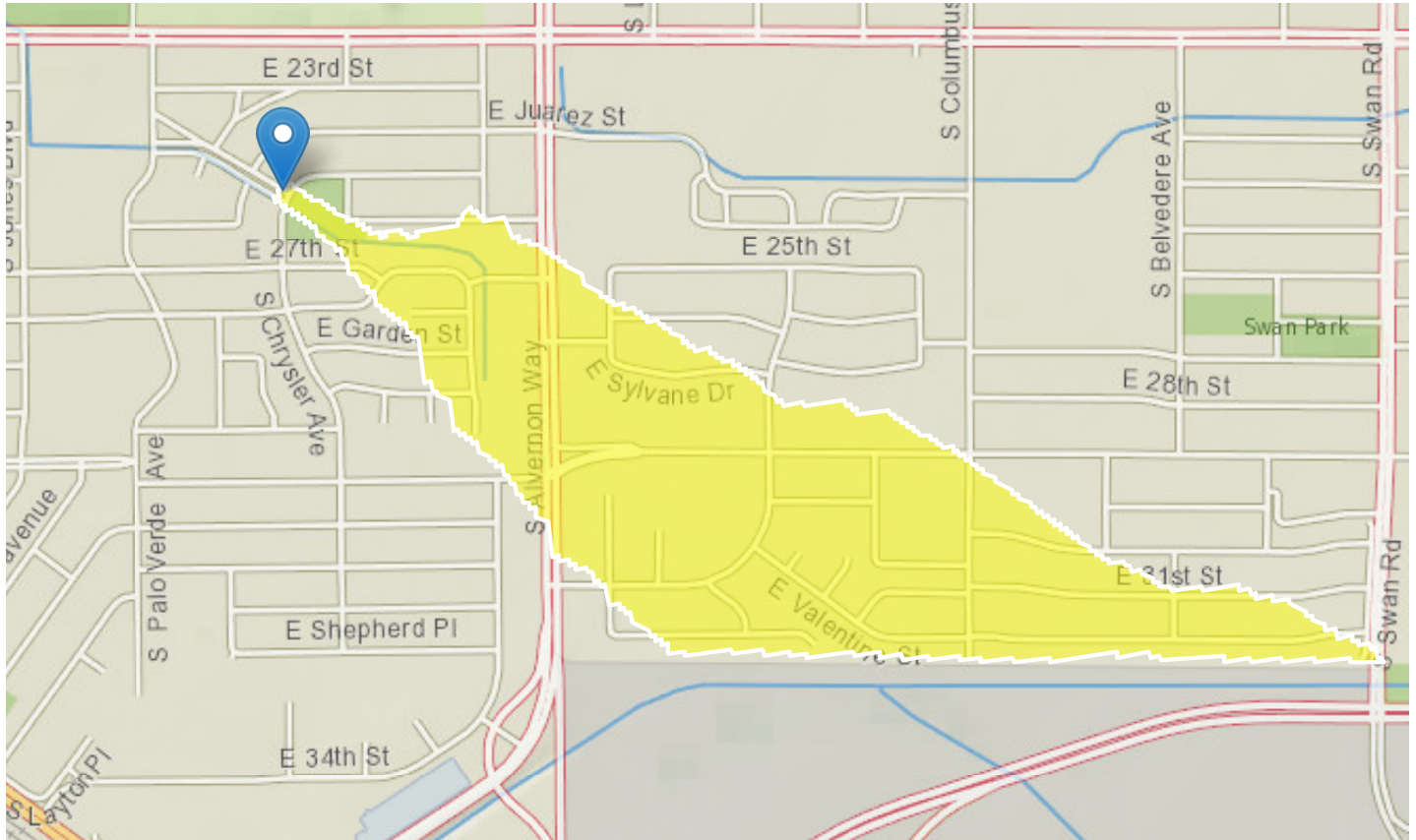


StreamStats Report

Region ID: AZ
Workspace ID: AZ20220217220142300000
Clicked Point (Latitude, Longitude): 32.20427, -110.91494
Time: 2022-02-17 15:02:07 -0700



Basin Characteristics

Parameter Code	Parameter Description	Value	Unit
CONTDA	Area that contributes flow to a point on a stream	0.27	square miles
ELEV	Mean Basin Elevation	2541.306	feet
APRAVTMP	Mean April Temperature	65.9	degrees F

AUGAVPRE	Mean August Precipitation	2.3	inches
AUGAVTMP	Mean August Temperature	85.2	degrees F
AZ_HIPERMA	Percent basin surface area containing high permeability aquifer units as defined for Arizona in SIR 2014-5211	100	percent
AZ_HIPERMG	Percent basin surface area containing high permeability geologic units as defined for Arizona in SIR 2014-5211	0	percent
BASINPERIM	Perimeter of the drainage basin as defined in SIR 2004-5262	4.04	miles
BSLDEM10M	Mean basin slope computed from 10 m DEM	0.85	percent
CH92_01DEV	Percent Difference between 1992 and 2001 area covered by developed land using NLCD	-2	percent
CH92_01FOR	Percent Difference between 1992 and 2001 area covered by forest using NLCD	0	percent
DECAVPRE	Mean December Precipitation	1.1	inches
DRNAREA	Area that drains to a point on a stream	0.27	square miles
DRNDENSITY	Basin drainage density defined as total stream length divided by drainage area.	1.58	dimensionless
EL5000	Percent of area above 5000 ft	0	percent
EL6000	Percent of area above 6000 ft	0	percent
EL7500	Percent of area above 7500 ft	0	percent
ELEVMAX	Maximum basin elevation	2575.16	feet
FD_Region	FD_Region	9622	dimensionless
FEBAVPRE	Mean February Precipitation	1	inches
IMPNLCD01	Percentage of impervious area determined from NLCD 2001 impervious dataset	46	percent
JANAVPRE	Mean January Precipitation	1.15	inches
JULAVPRE	Mean July Precipitation	1.8	inches
JULYAVTMP	Mean July Temperature	86.7	degrees F
JUNAVPRE	Mean June Precipitation	0.3	inches

JUNEAVTMP	Mean June Temperature	83.6	degrees F
LAT_CENT	Latitude of Basin Centroid	32.1992	decimal degrees
LC01BARE	Percentage of area barren land, NLCD 2001 category 31	0	percent
LC01DEV	Percentage of land-use from NLCD 2001 classes 21-24	97	percent
LC01FOREST	Percentage of forest from NLCD 2001 classes 41-43	0	percent
LC01HERB	Percentage of herbaceous upland from NLCD 2001 class 71	0	percent
LC92FOREST	Percentage of forest from NLCD 1992 classes 41-43	0	percent
LONG_CENT	Longitude Basin Centroid	-110.9051	decimal degrees
LU92DEV	Percent of area covered by all densities of developed land using 1992 NLCD	99	percent
MARAVPRE	Mean March Precipitation	1	inches
MARAVTMP	Mean March Temperature	59.4	degrees F
MAYAVPRE	Mean May Precipitation	0.2	inches
MAYAVTMP	Mean May Temperature	74	degrees F
MINBELEV	Minimum basin elevation	2513.97	feet
NFSL30_10M	Percent area with north-facing slopes greater than 30 percent from 10-meter NED.	0	percent
NOVAVPRE	Mean November Precipitation	0.8	inches
NOVAVTMP	Mean November Temperature	58.7	degrees F
OCTAVPRE	Mean October Precipitation	1.3	inches
OCTAVTMP	Mean October Temperature	70.4	degrees F
OUTLETELEV	Elevation of the stream outlet in feet above NAVD88	2513.97	feet
PRECIP	Mean Annual Precipitation	12.4	inches

RELIEF	Maximum - minimum elevation	61.19	feet
RELRELF	Basin relief divided by basin perimeter	15.15	feet per mi
SEPAVPRE	Mean September Precipitation	1.3	inches
SEPAVTMP	Mean September Temperature	80.9	degrees F
SLOP30_10M	Percent area with slopes greater than 30 percent from 10-meter NED	0	percent
STRMTOT	total length of all mapped streams (1:24,000-scale) in the basin	0.42	miles
TEMP	Mean Annual Temperature	68.68	degrees F

Peak-Flow Statistics Parameters [Peak Region 5 SE Basin Range 2014 5211]

Parameter Code	Parameter Name	Value	Units	Min Limit	Max Limit
CONTDA	Contributing Drainage Area	0.27	square miles	0.155	2925
ELEV	Mean Basin Elevation	2541.306	feet		

Peak-Flow Statistics Flow Report [Peak Region 5 SE Basin Range 2014 5211]

PII: Prediction Interval-Lower, Plu: Prediction Interval-Upper, ASEp: Average Standard Error of Prediction, SE: Standard Error (other -- see report)

Statistic	Value	Unit	PII	Plu	ASEp
50-percent AEP flood	41.5	ft ³ /s	5.02	343	86.6
20-percent AEP flood	94.4	ft ³ /s	23.2	385	61.5
10-percent AEP flood	144	ft ³ /s	43.8	473	52.4
4-percent AEP flood	223	ft ³ /s	78.4	634	45.8
2-percent AEP flood	294	ft ³ /s	110	783	43.5
1-percent AEP flood	371	ft ³ /s	144	954	42.6
0.5-percent AEP flood	472	ft ³ /s	181	1230	42.4
0.2-percent AEP flood	608	ft ³ /s	236	1570	43.2

Peak-Flow Statistics Citations

Paretti, N.V., Kennedy, J.R., Turney, L.A., and Veilleux, A.G., 2014, Methods for estimating magnitude and frequency of floods in Arizona, developed with unregulated and rural peak-flow data through water year 2010: U.S. Geological Survey Scientific Investigations Report 2014-5211, 61 p., <http://dx.doi.org/10.3133/sir20145211>. (<http://pubs.usgs.gov/sir/2014/5211/>)

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Application Version: 4.6.2

StreamStats Services Version: 1.2.22

NSS Services Version: 2.1.2