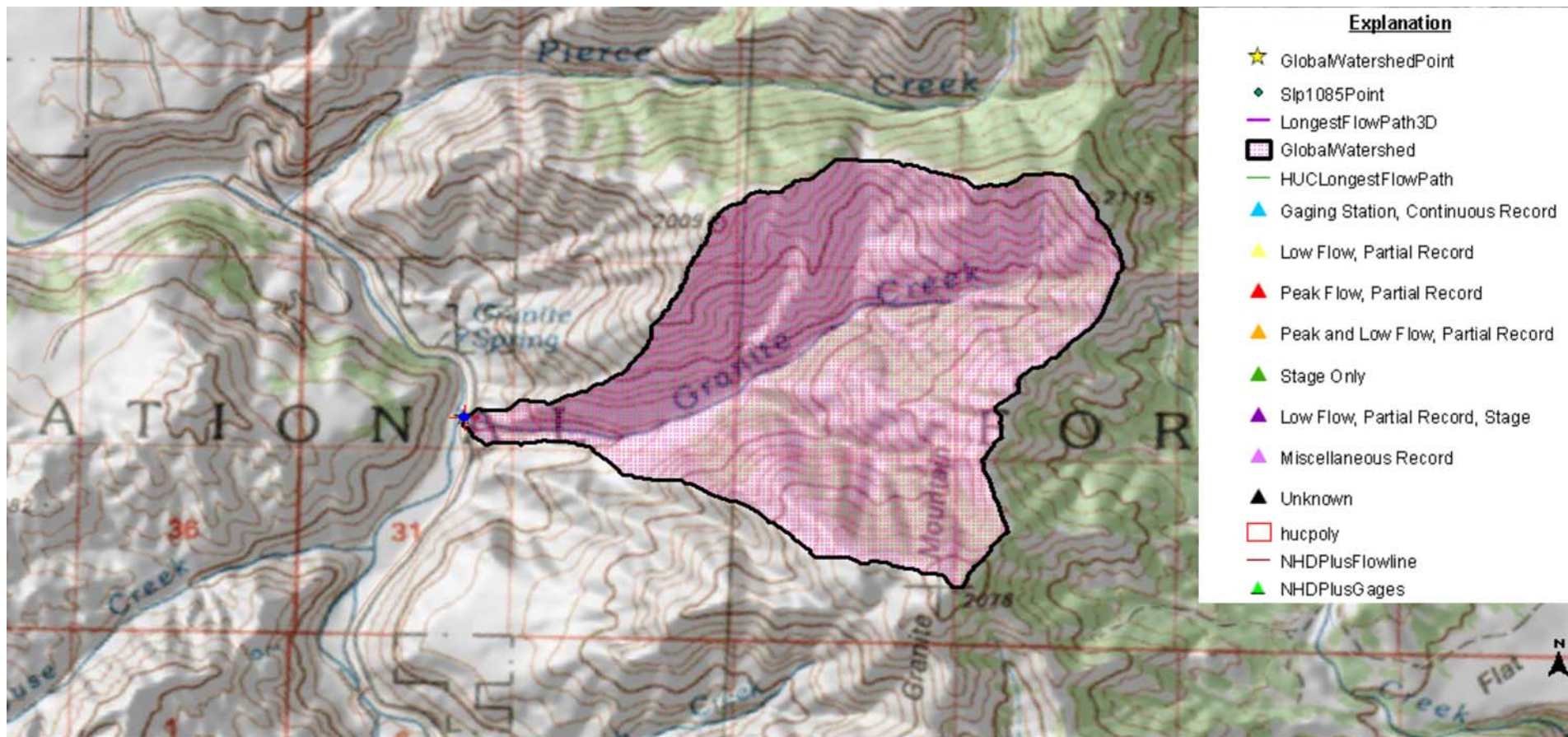


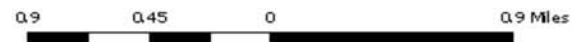


StreamStats Print Page

Granite Cr, Elmore Co.



Explanation	
★	GlobalWatershedPoint
◆	Slp1085Point
—	LongestFlowPath3D
□	GlobalWatershed
—	HUCLongestFlowPath
▲	Gaging Station, Continuous Record
▲	Low Flow, Partial Record
▲	Peak Flow, Partial Record
▲	Peak and Low Flow, Partial Record
▲	Stage Only
▲	Low Flow, Partial Record, Stage
▲	Miscellaneous Record
▲	Unknown
□	hucpoly
—	NHDPlusFlowline
▲	NHDPlusGages



8/22/2013 5:04:00 AM



Granite Cr

Google earth

6002 ft

1998

Imagery Date: 8/30/2011 43°23'28.07" N 115°30'39.78" W elev 5111 ft eye alt 30742 ft



Basin Characteristics Report

Date: Thu Aug 22 2013 06:19:18 Mountain Daylight Time

NAD27 Latitude: 43.3878 (43 23 16)

NAD27 Longitude: -115.5432 (-115 32 36)

NAD83 Latitude: 43.3877 (43 23 16)

NAD83 Longitude: -115.5441 (-115 32 39)

Parameter	Value
Area that drains to a point on a stream, in square miles	3.53
Mean annual precipitation, in inches	25
Minimum Basin Elevation in feet	3710
Maximum Basin Elevation in feet	6940
Mean Basin Elevation in feet	5540
Maximum - minimum elevation, in feet	3230
Mean basin slope computed from 10 m DEM, in percent	53
Mean basin slope. Computed from 10 m DEM and adjusted to approximate earlier values computed from 30 m DEM.	48.8
Percent of area having slope greater than or equal to 30 percent, computed from 10-m DEM	90
Percent of area with slopes greater than 30 percent. Computed from 10 m DEM and adjusted to approximate earlier values based on 30-m DEMs	87.5
Percentage of area having slopes greater than 50 percent, computed from 30-meter DEMs	47
Percent of area having North-facing slopes greater than or equal to 30 percent, computed from 10-m DEM	29
Percent of area having North-facing slopes greater than or equal to 30 percent. Computed from 10 m DEM and adjusted to approximate values computed from 30 m DEM.	28
10-85 slope based on longest flow path computed using 10-m DEMs, in feet per mile	678
10-85 slope, in feet per mile. Computed based on longest flow path using 10-m DEMs and adjusted to approximate earlier measurements done using BASINSOFT.	632
Percent of drainage area as surficial volcanic rocks as defined in SIR 2006-5035	73.8
Percent of area covered by forest	13
Agricultural Land in Percentage of Drainage Area	0
Developed Land in Percentage of Drainage Area from 1992 NLCD data	0
Percentage of area covered by water or perennial ice or snow from NLCD1992	0
Percentage of impervious area determined from NLCD 2001 impervious dataset	0.00251
Percentage of urban land cover determined from NLCD 2001 land cover dataset	0



Streamstats Ungaged Site Report

Date: Thu Aug 22 2013 06:21:05 Mountain Daylight Time

Site Location: Idaho

NAD27 Latitude: 43.3878 (43 23 16)

NAD27 Longitude: -115.5432 (-115 32 36)

NAD83 Latitude: 43.3877 (43 23 16)

NAD83 Longitude: -115.5441 (-115 32 39)

Drainage Area: 3.53 mi²

Percent Urban: 0 %

Percent Impervious: 0.00276 %

Peak-Flow Basin Characteristics

100% Peak Flow Region 5 (3.53 mi²)

Parameter	Value	Regression Equation Valid Range	
		Min	Max
Drainage Area (square miles)	3.53 (below min value 3.6)	3.6	12228
Mean Annual Precipitation (inches)	25	19.8	49.73
N Facing Slopes gt 30pct from 30m DEM (percent)	28	2.5	32.9

Warning: Some parameters are outside the suggested range. Estimates will be extrapolations with unknown errors.

Low-Flow Basin Characteristics

100% Low Flow Region 5 (3.53 mi²)

Parameter	Value	Regression Equation Valid Range	
		Min	Max
Drainage Area (square miles)	3.53 (below min value 19.3)	19.3	12228
Mean Basin Slope from 30m DEM (percent)	48.8 (above max value 46.7)	20.2	46.7
Slopes gt 30pct from 30m DEM (percent)	87.5 (above max value 77.8)	24.7	77.8
Percent Forest (percent)	13 (below min value 22.4)	22.4	88.7
Mean Basin Elevation (feet)	5540 (below min value 6171.1)	6171.1	8204
Percent Volcanic (percent)	73.8	27.1	100

Warning: Some parameters are outside the suggested range. Estimates will be extrapolations with unknown errors.

Zero-Flow Probability Basin Characteristics

100% Undefined Region (3.53 mi²)

The selected watershed is entirely in an area for which flow equations were not defined.

Monthly and Annual Basin Characteristics

100% Low Flow Region 5 (3.53 mi²)

Parameter	Value	Regression Equation Valid Range	
		Min	Max
Drainage Area (square miles)	3.53 (below min value 19.3)	19.3	12228
Mean Basin Slope from 30m DEM (percent)	48.8 (above max value 46.7)	20.2	46.7
Slopes gt 30pct from 30m DEM (percent)	87.5 (above max value 77.8)	24.7	77.8
Percent Forest (percent)	13 (below min value 22.4)	22.4	88.7
Mean Basin Elevation (feet)	5540 (below min value 6171.1)	6171.1	8204
Percent Volcanic (percent)	73.8	27.1	100

Warning: Some parameters are outside the suggested range. Estimates will be extrapolations with unknown errors.

Peak-Flow Streamflow Statistics

Statistic	Flow (ft ³ /s)	Prediction Error (percent)	Equivalent years of record	90-Percent Prediction Interval	
				Minimum	Maximum

PK1_5	10.1				
PK2	13.3				
PK2_33	14.3				
PK5	21.5				
PK10	27.7				
PK25	35.8				
PK50	42				
PK100	49.5				
PK200	56				
PK500	65				

Low-Flow Streamflow Statistics

Statistic	Flow (ft ³ /s)	Estimation Error (percent)	Equivalent years of record	90-Percent Prediction Interval	
				Minimum	Maximum
M1D10Y	0.79				
M7D10Y	1.03				
M7D2Y	1.14				
M30D5Y	1.19				

Monthly and Annual Streamflow Statistics

Statistic	Flow (ft ³ /s)	Estimation Error (percent)	Equivalent years of record	90-Percent Prediction Interval	
				Minimum	Maximum
QA	4.86				
JAND20	3.18				
JAND50	2.48				
JAND80	2.11				
FEBD20	2.89				
FEBD50	2.38				
FEBD80	2.16				
MARD20	7.6				
MARD50	4.05				
MARD80	4.25				
APRD20	21.8				
APRD50	12.2				
APRD80	5.05				
MAYD20	47.1				
MAYD50	30.3				
MAYD80	17.5				
JUND20	11.5				
JUND50	6.27				
JUND80	4.29				
JULD20	5.42				
JULD50	2.52				
JULD80	1.25				
AUGD20	1.69				
AUGD50	0.97				
AUGD80	0.52				
SEPD20	1.47				
SEPD50	0.91				
SEPD80	0.4				

OCTD20	1.86				
OCTD50	1.11				
OCTD80	0.52				
NOVD20	2.29				
NOVD50	1.41				
NOVD80	0.63				
DECD20	3.87				
DECD50	2.81				
DECD80	2.26				