US National Park Service – San Francisco Bay Area Network – Inventory and Monitoring Project

Station Name	OLEMA CREEK AT BEAR VALLEY BRIDGE
	http://science.nature.nps.gov/im/units/sfan/index.cfm

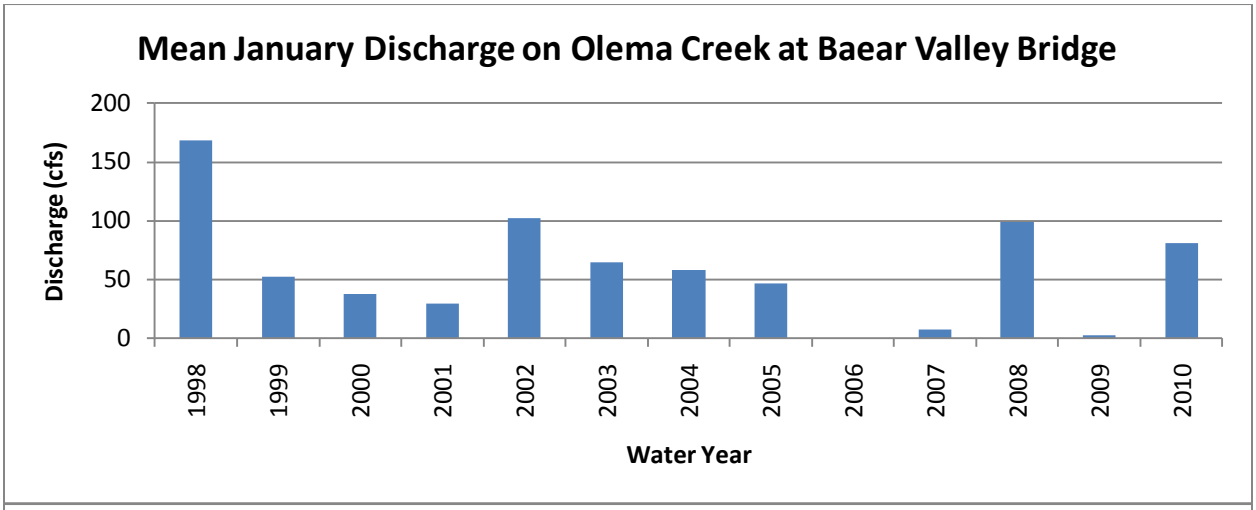
SUMMARY OF DISCHARGE DATA

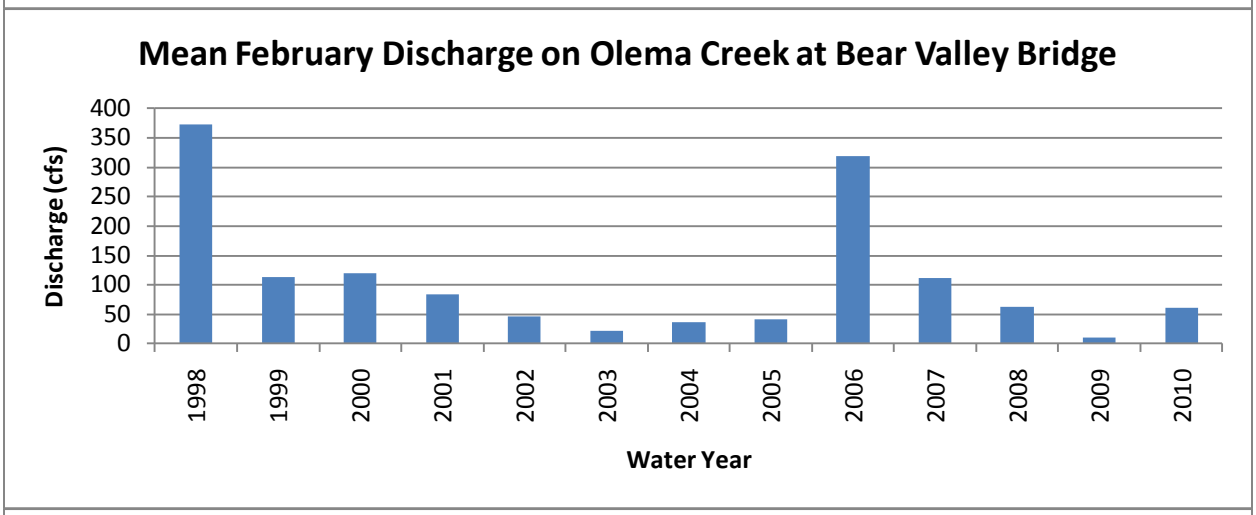
Mean Monthly Discharge
Cumulative Departure from Mean Annual Discharge
Timing of Runoff
Maximum and Minimum 7-Day, 30-Day, 90-Day Discharge

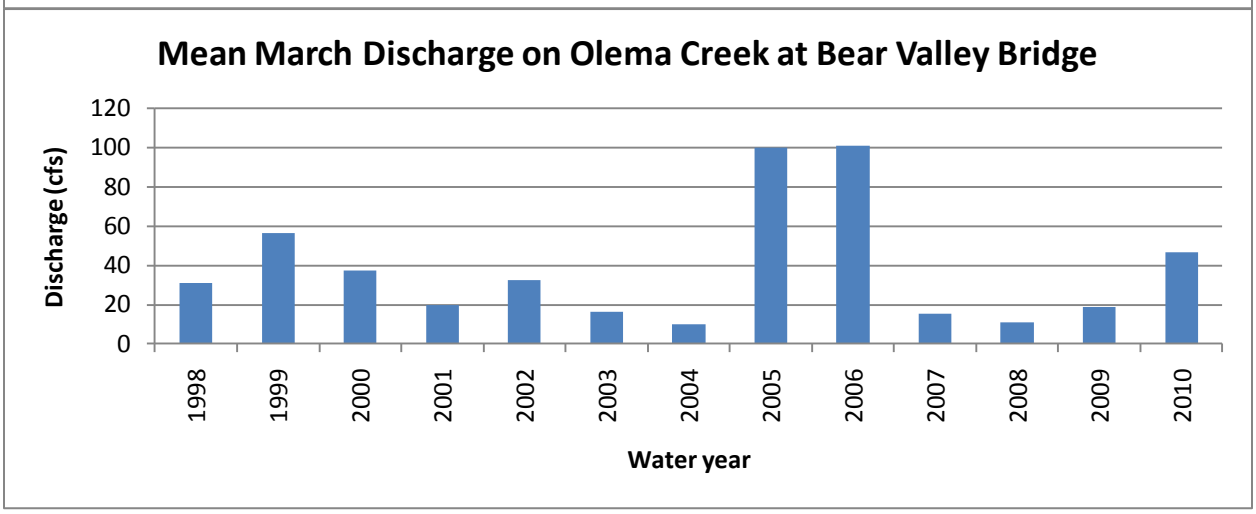
Descriptive Information

Period of Record	1997 to 2010
Latitude (degrees NAD83)	38.044
Longitude (degrees NAD83)	-122.797
County	Marin

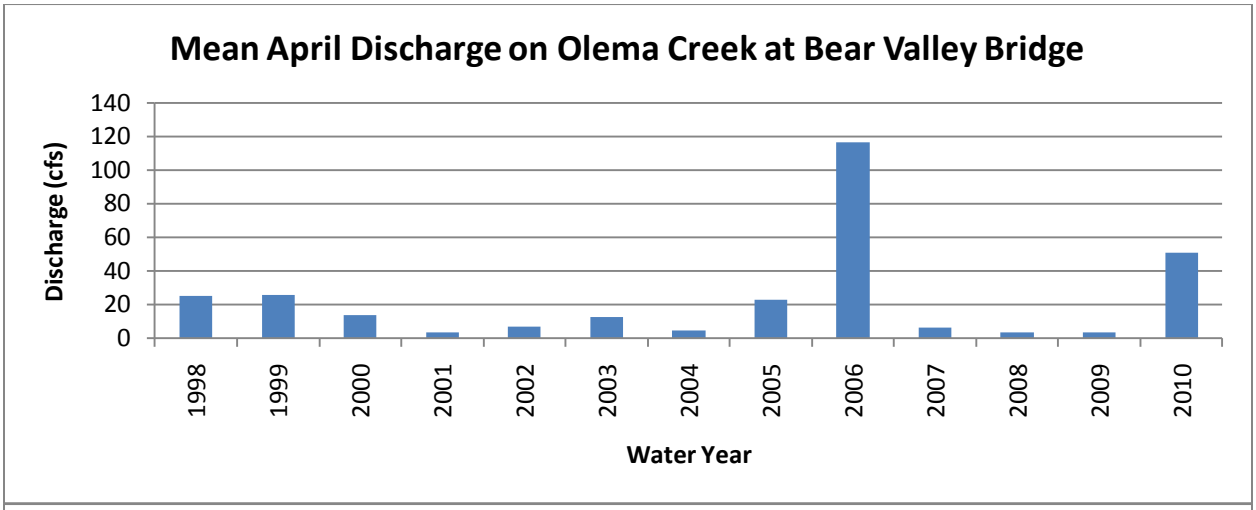
MONTHLY DISCHARGE

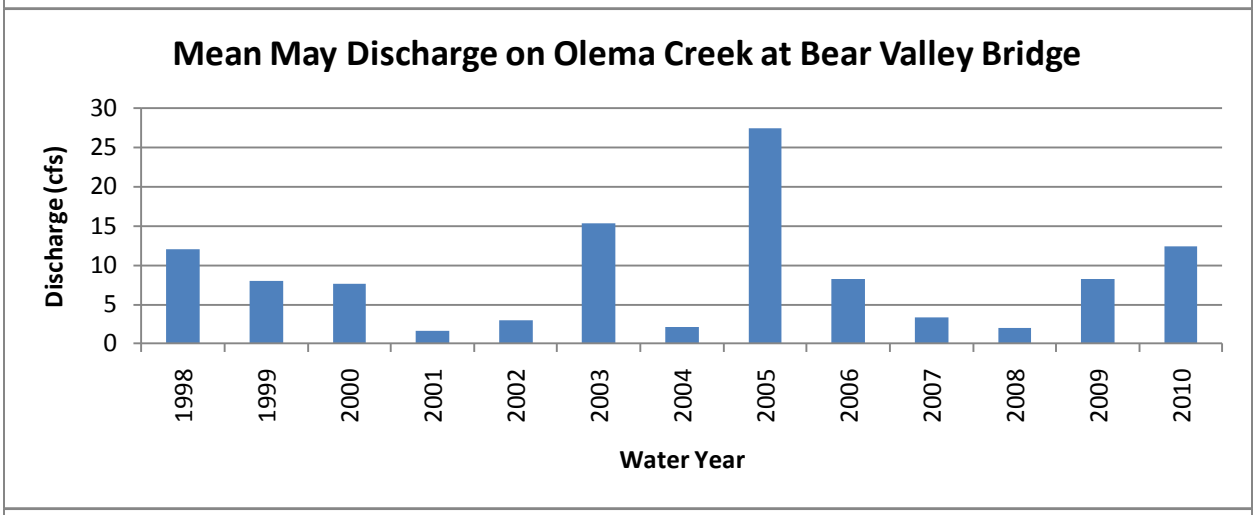


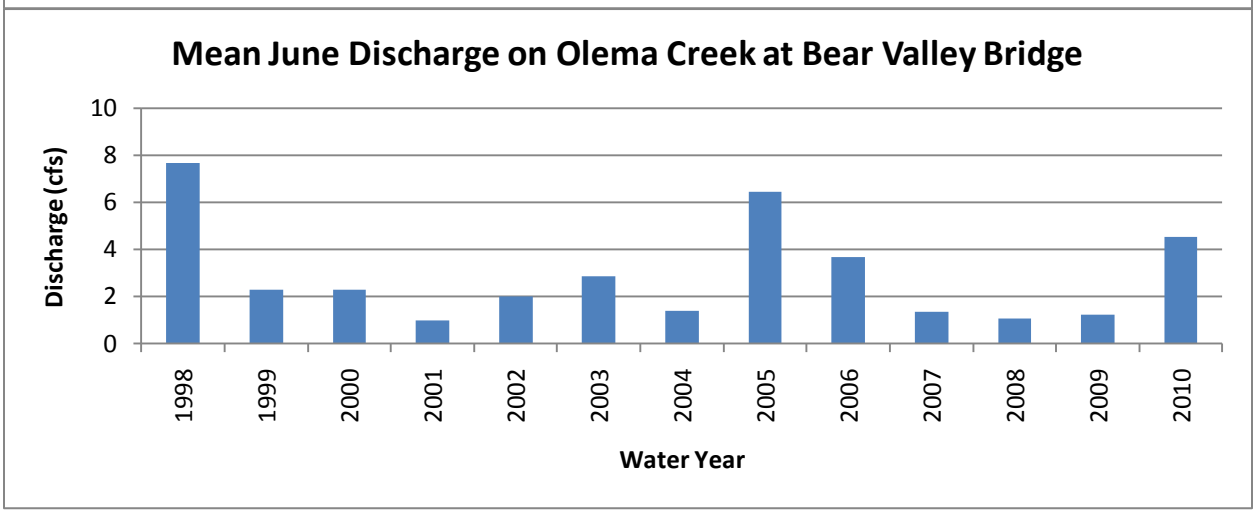




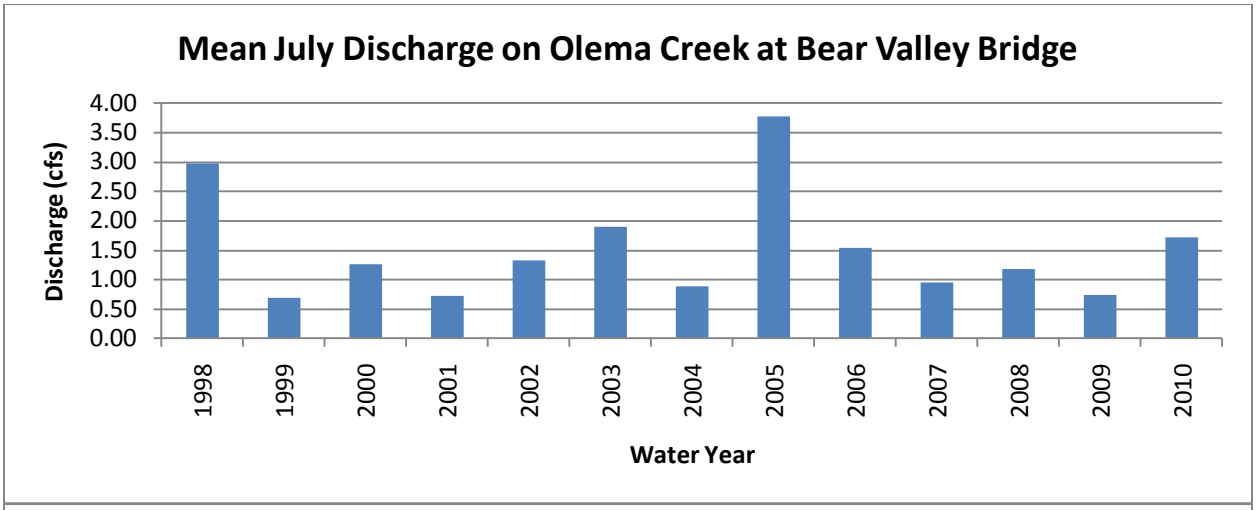
MONTHLY DISCHARGE

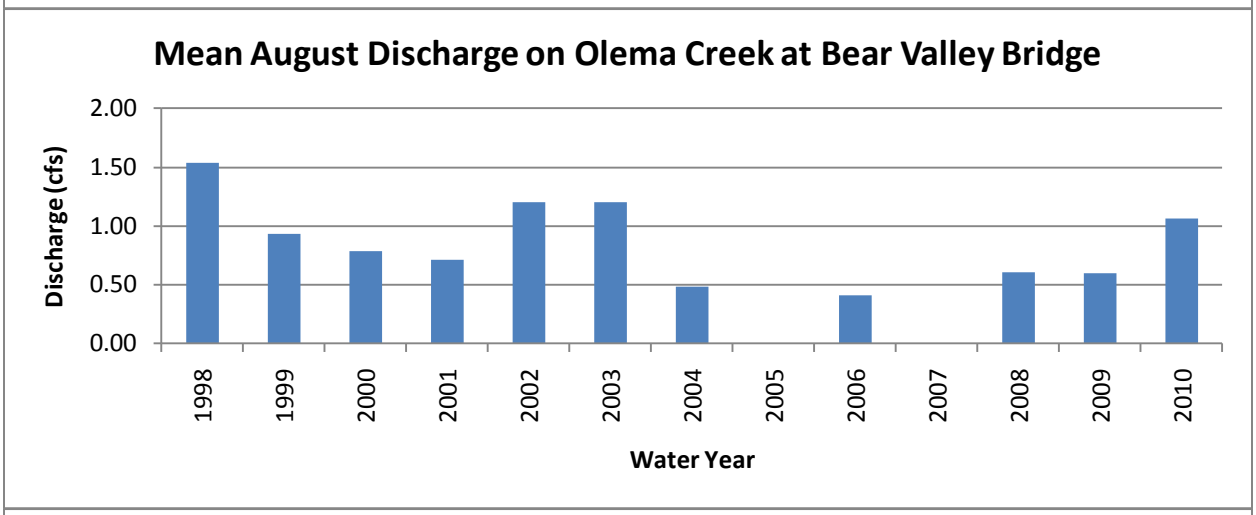


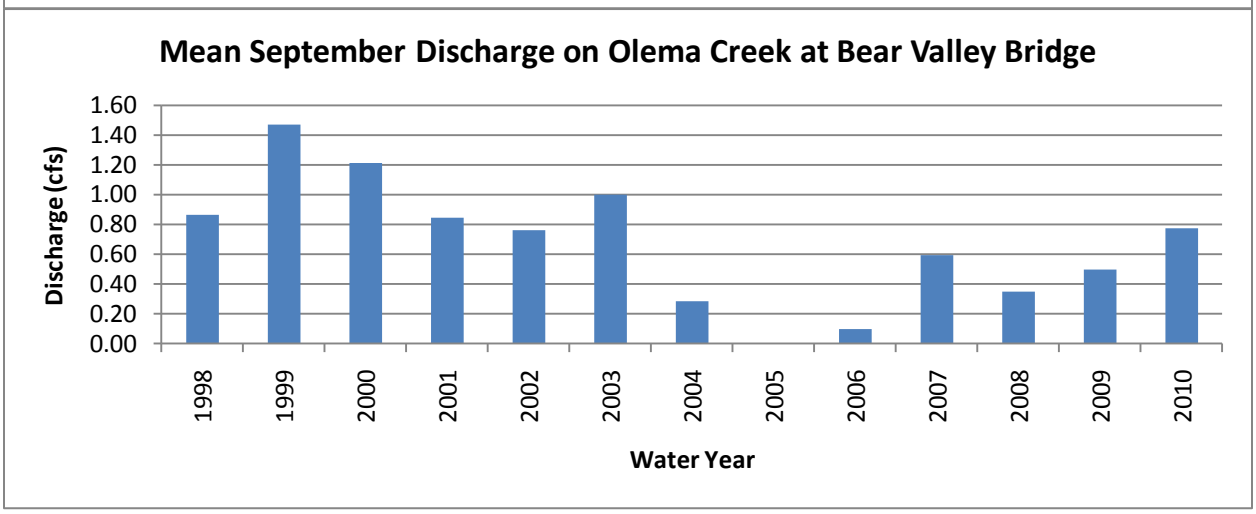




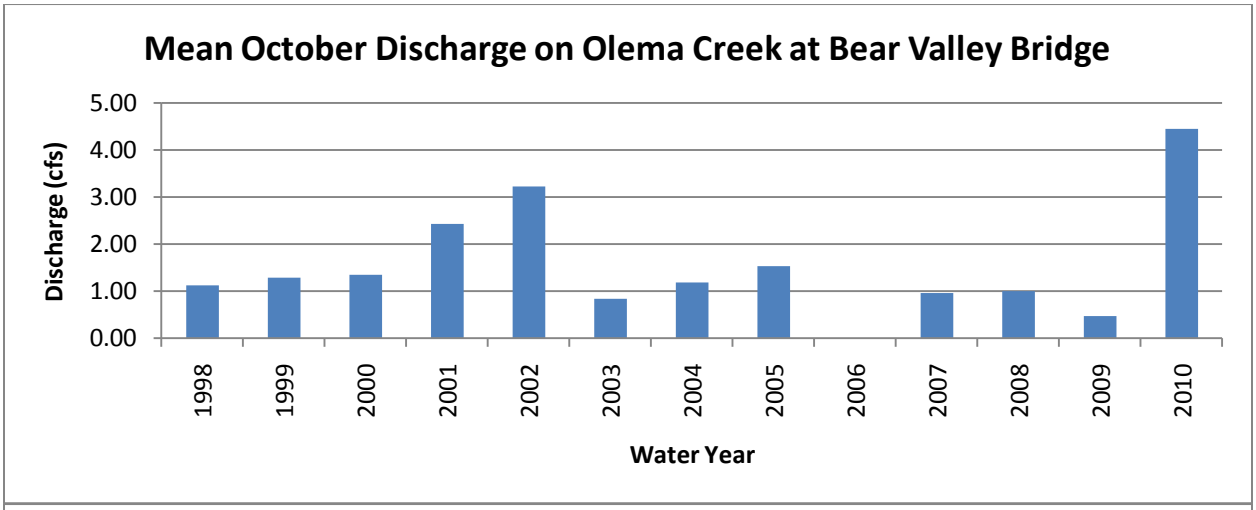
MONTHLY DISCHARGE

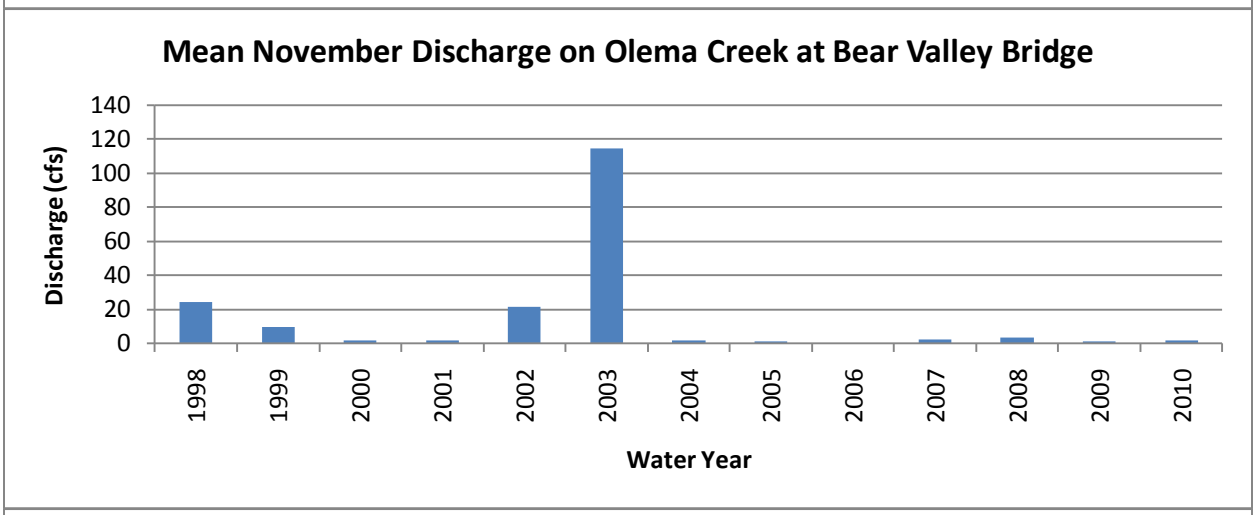


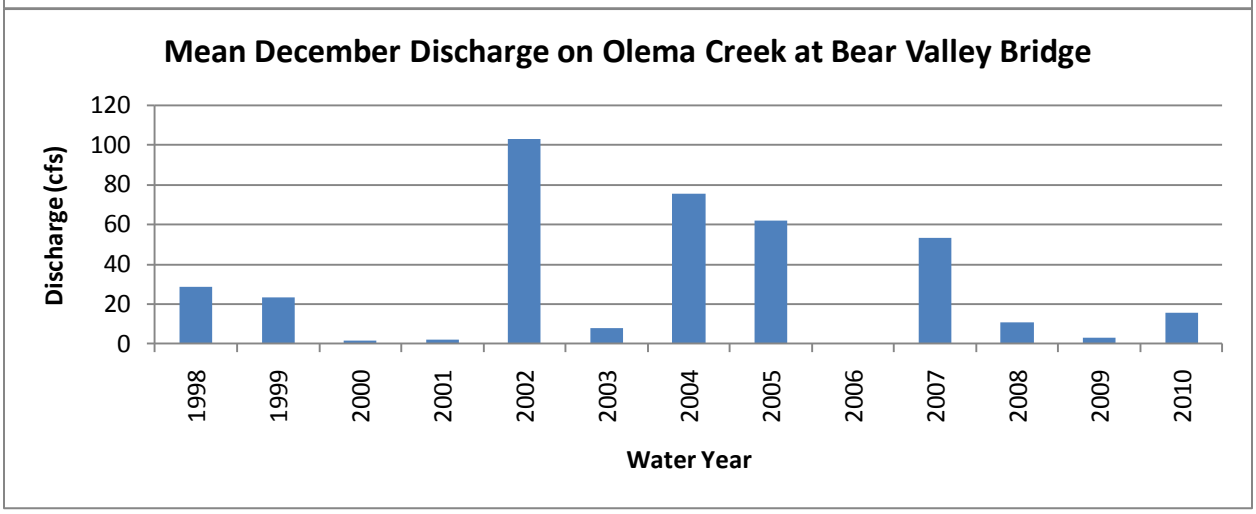


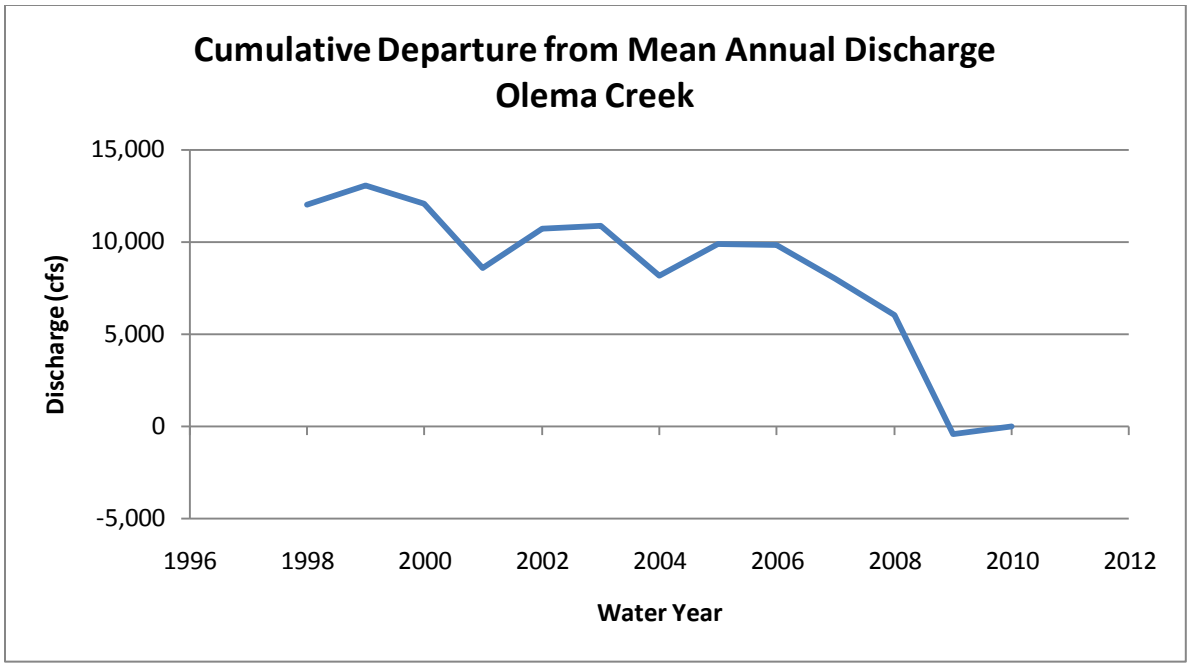


MONTHLY DISCHARGE

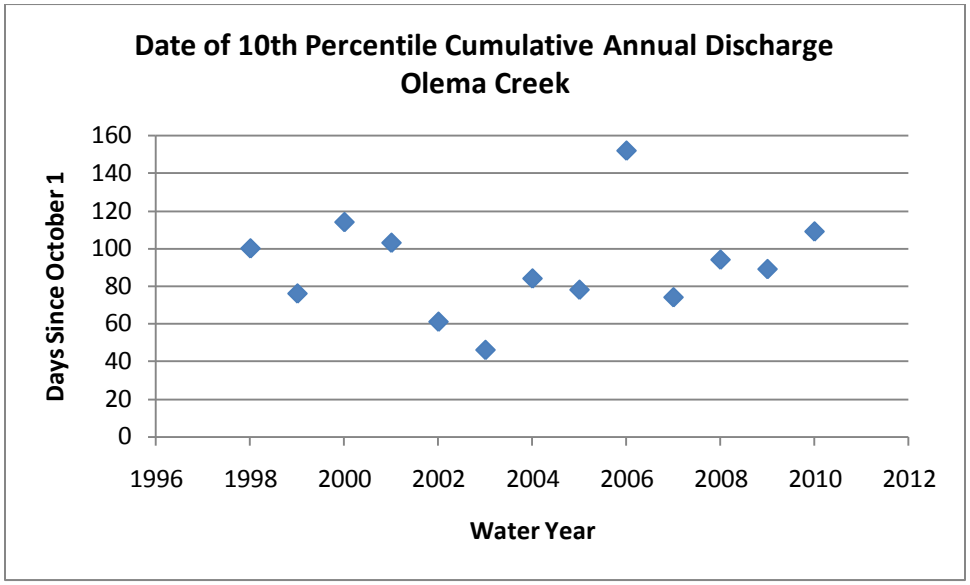


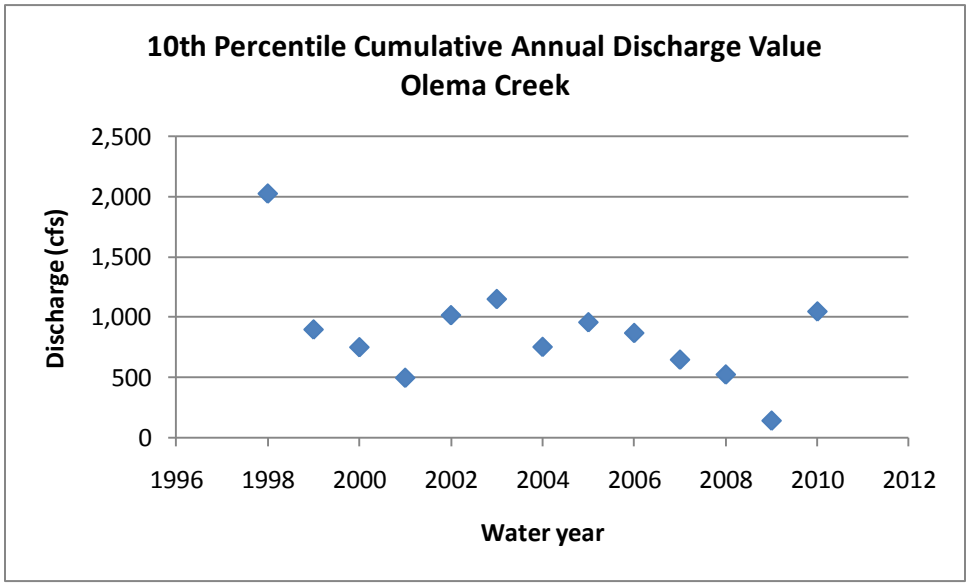




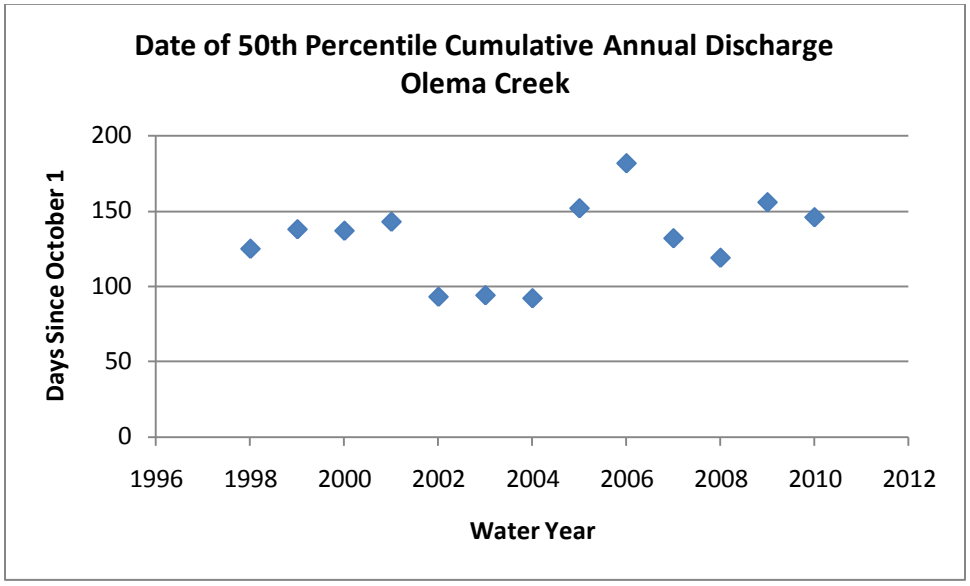

Cumulative Departure from Mean Annual Discharge
Olema Creek
15,000
10,000
5,000
0
-5,000
Discharge (cfs)
1996
1998
2000
2002
2004
2006
2008
2010
2012
Water Year

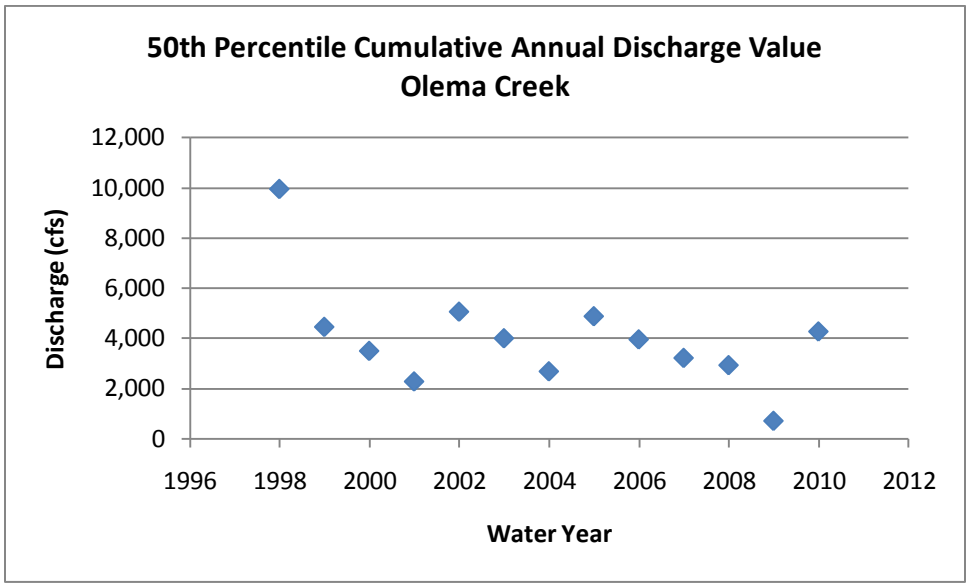
TIMING OF RUNOFF



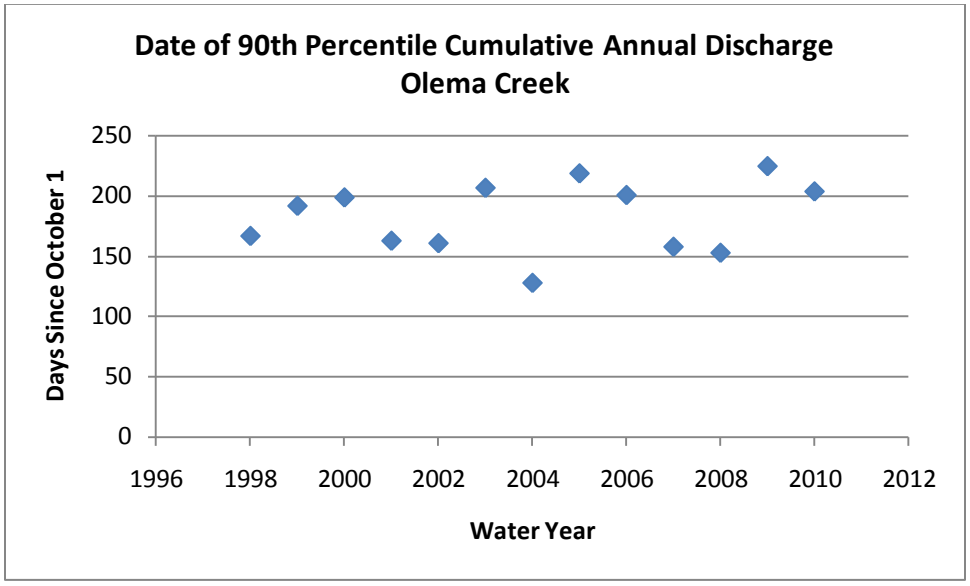


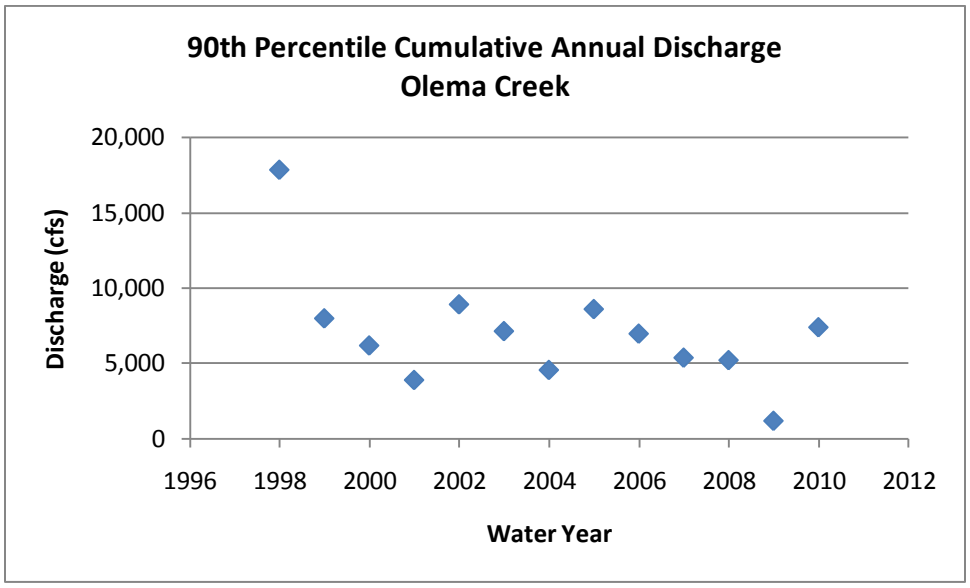
TIMING OF RUNOFF

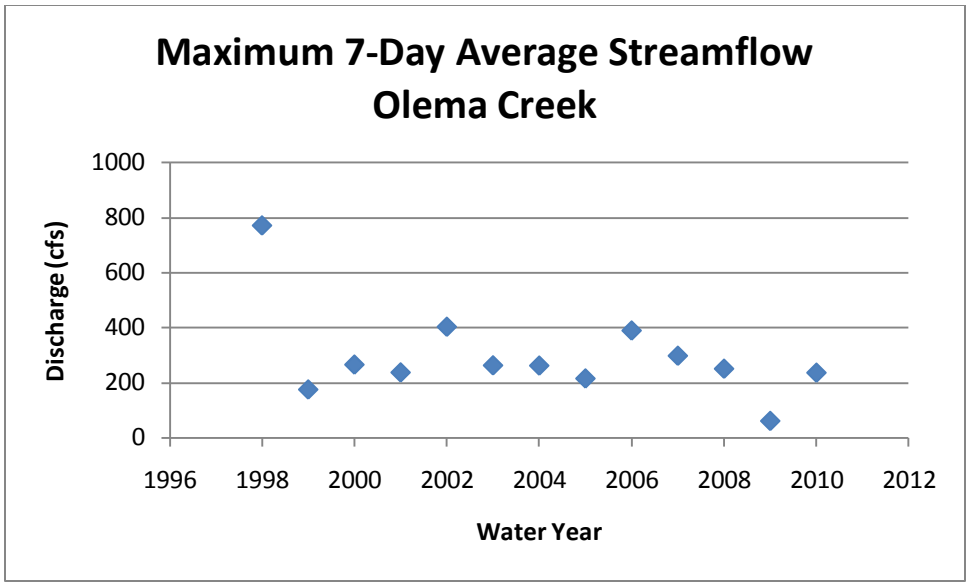


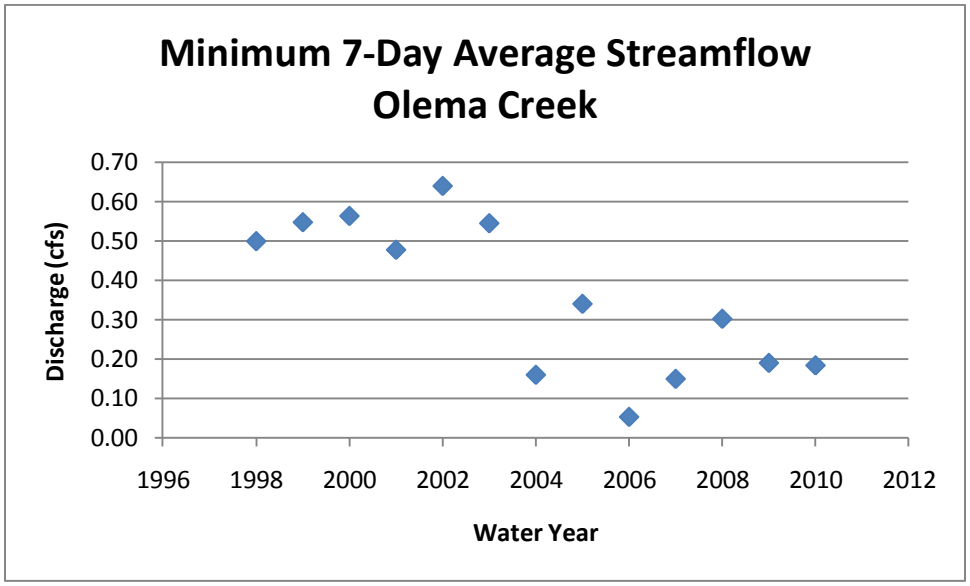


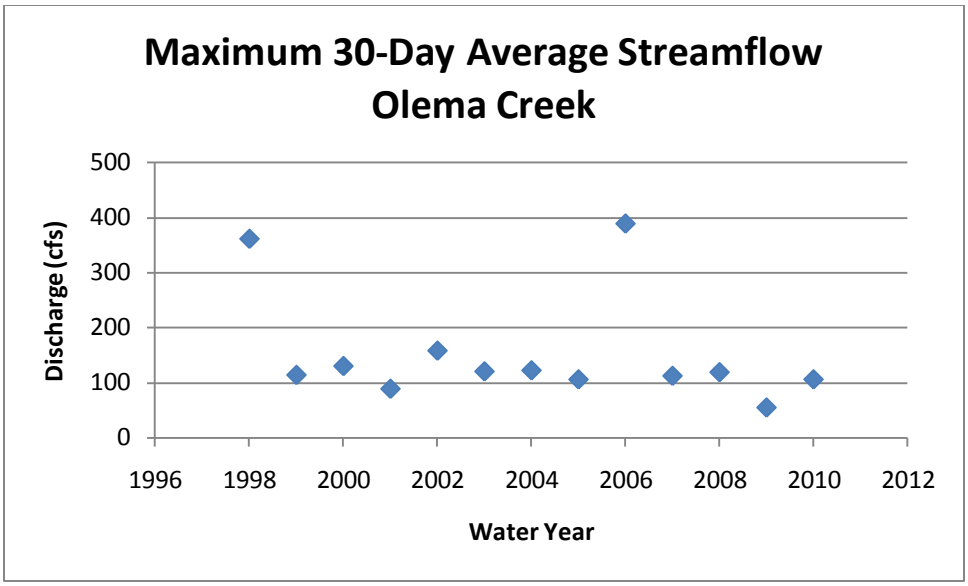
TIMING OF RUNOFF

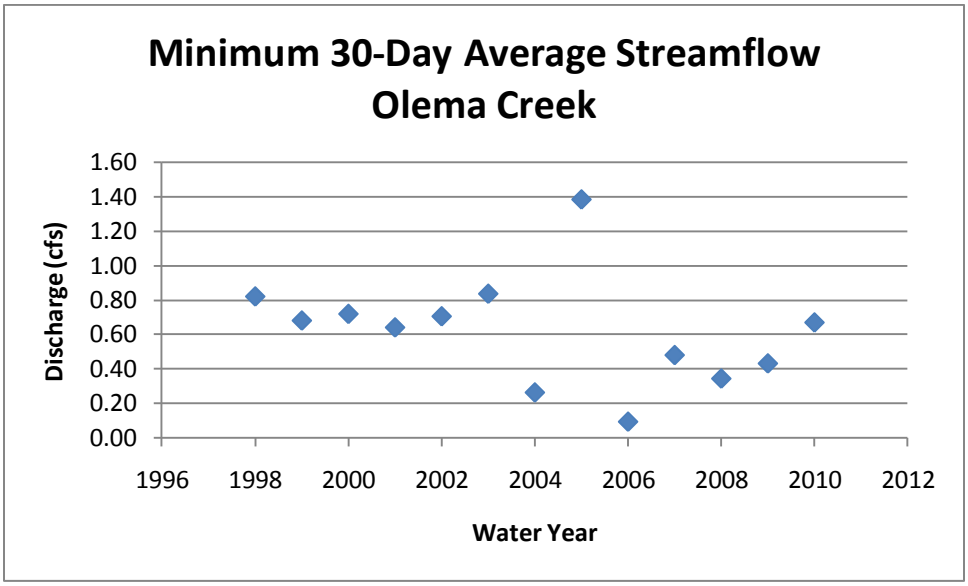


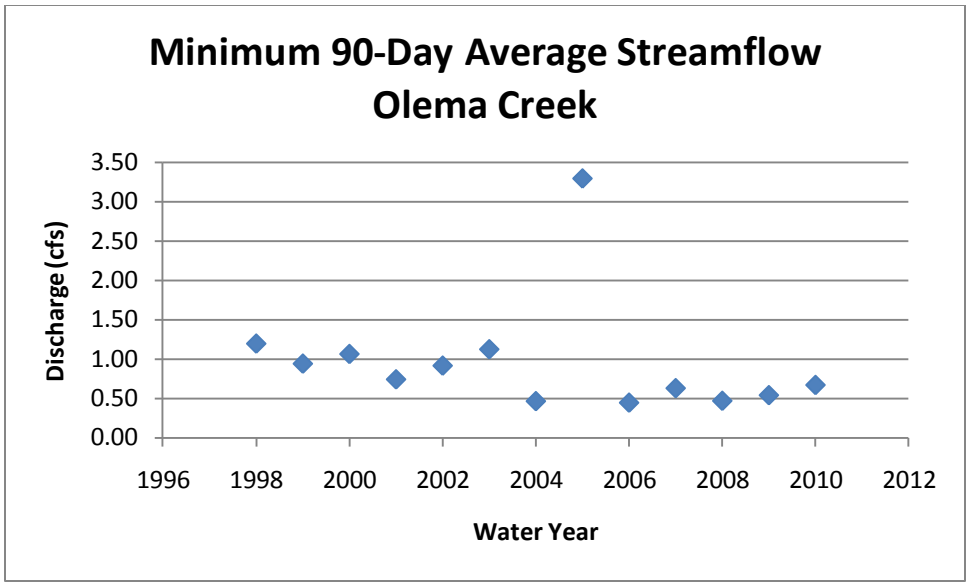


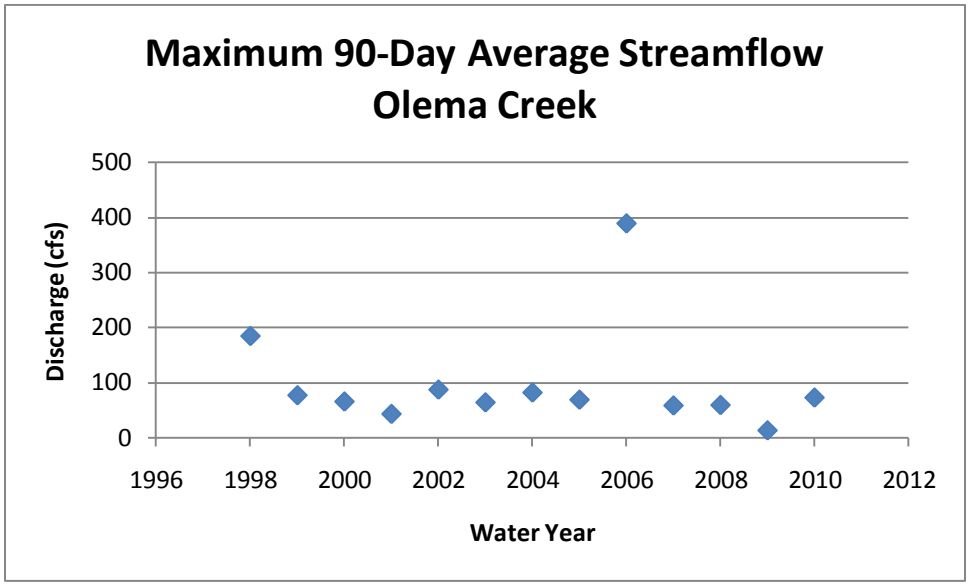

Maximum 7-Day Average Streamflow
Olema Creek
Discharge (cfs)
1000
800
600
400
200
0
1996
1998
2000
2002
2004
2006
2008
2010
2012
Water Year


Minimum 7-Day Average Streamflow
Olema Creek
Discharge (cfs)
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
1996
1998
2000
2002
2004
2006
2008
2010
2012
Water Year


Maximum 30-Day Average Streamflow
Olema Creek
Discharge (cfs)
500
400
300
200
100
0
1996
1998
2000
2002
2004
2006
2008
2010
2012
Water Year


Minimum 30-Day Average Streamflow
Olema Creek
Discharge (cfs)
1.60
1.40
1.20
1.00
0.80
0.60
0.40
0.20
0.00
1996
1998
2000
2002
2004
2006
2008
2010
2012
Water Year


Minimum 90-Day Average Streamflow
Olema Creek
Discharge (cfs)
3.50
3.00
2.50
2.00
1.50
1.00
0.50
0.00
1996
1998
2000
2002
2004
2006
2008
2010
2012
Water Year


Maximum 90-Day Average Streamflow
Olema Creek
Discharge (cfs)
500
400
300
200
100
0
1996
1998
2000
2002
2004
2006
2008
2010
2012
Water Year