

**USGS Station Number**

11460600

**Station Name**

LAGUNITAS CREEK NEAR POINT REYES STATION CA

## **SUMMARY OF DISCHARGE DATA**

[Peak Flows](#)

[Mean Monthly Discharge](#)

[Cumulative Departure from Mean Annual Discharge](#)

[Timing of Runoff](#)

[Maximum and Minimum 7-Day, 30-Day, 90-Day Discharge](#)

[Recurrence Intervals and Flow Duration](#)

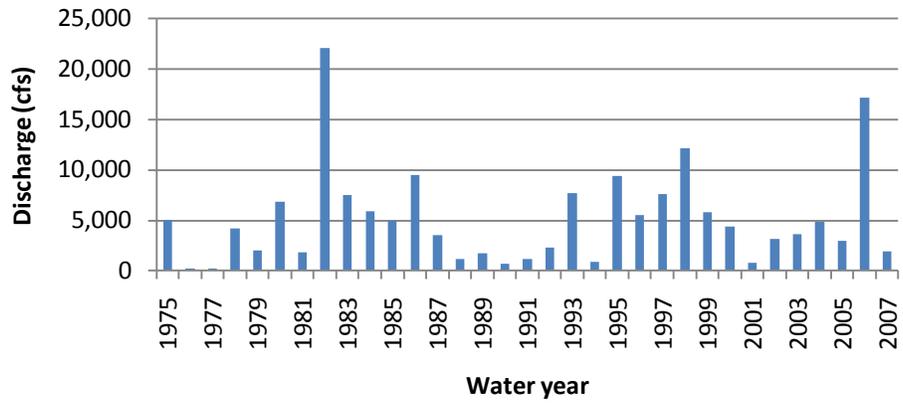
**Data available at:** <http://waterdata.usgs.gov/ca/nwis/>

The U.S. Geological Survey's (USGS) National Water Information System (NWIS) is a comprehensive and distributed application that supports the acquisition, processing, and long-term storage of water data.

### **Descriptive Information**

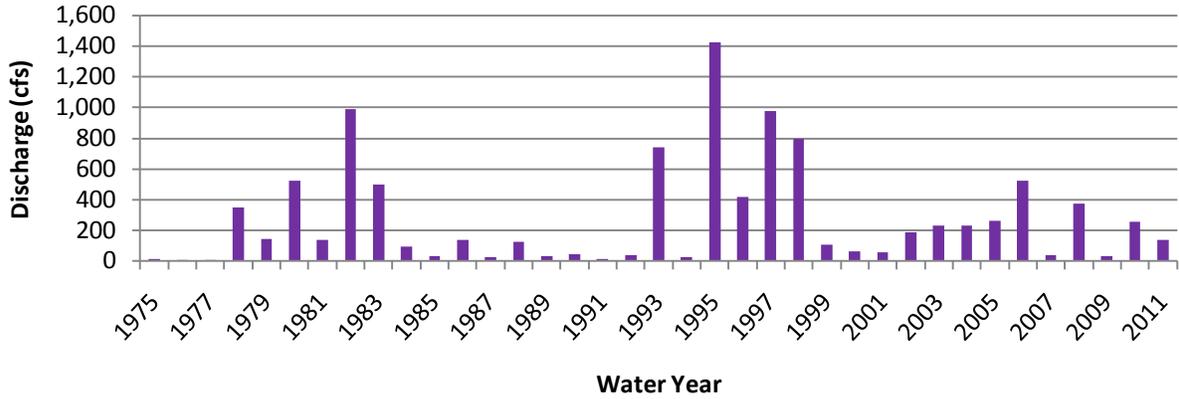
Period of Record	1974 to 2011
Latitude (degrees NAD83)	38.08019988
Longitude (degrees NAD83)	-122.7844348
Hydrologic unit code	18050005

## Annual Peak Flows Lagunitas Creek near Point Reyes Station

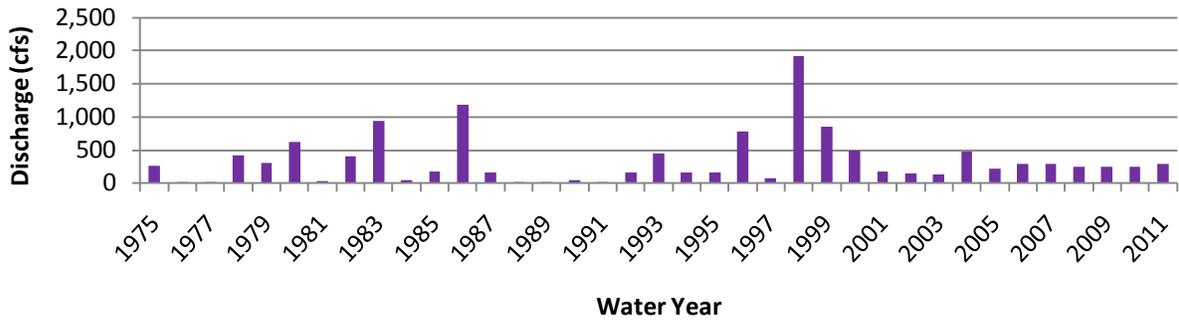


# MONTHLY DISCHARGE

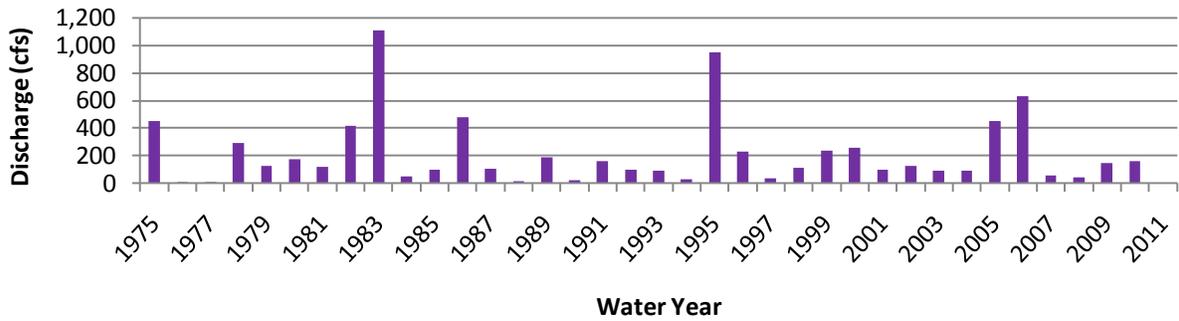
## Mean January Discharge on Lagunitas Creek near Point Reyes Station



## Mean February Discharge on Lagunitas Creek near Point Reyes Station

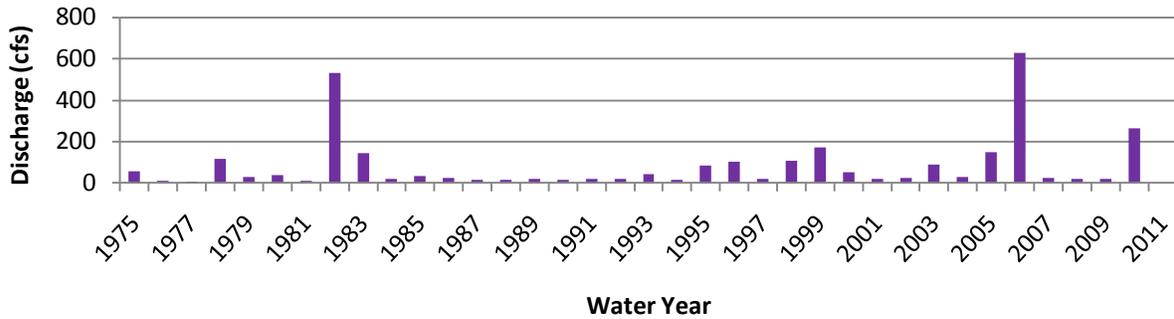


## Mean March Discharge on Lagunitas Creek near Point Reyes Station

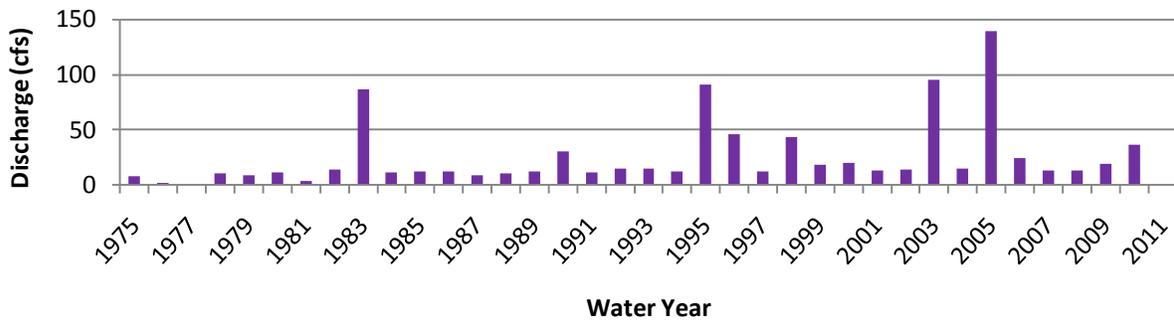


# MONTHLY DISCHARGE

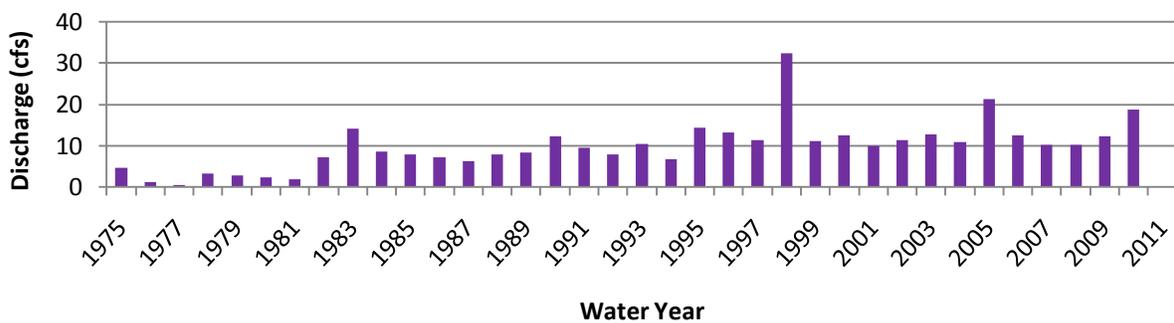
## Mean April Discharge on Lagunitas Creek near Point Reyes Station



## Mean May Discharge on Lagunitas Creek near Point Reyes Station

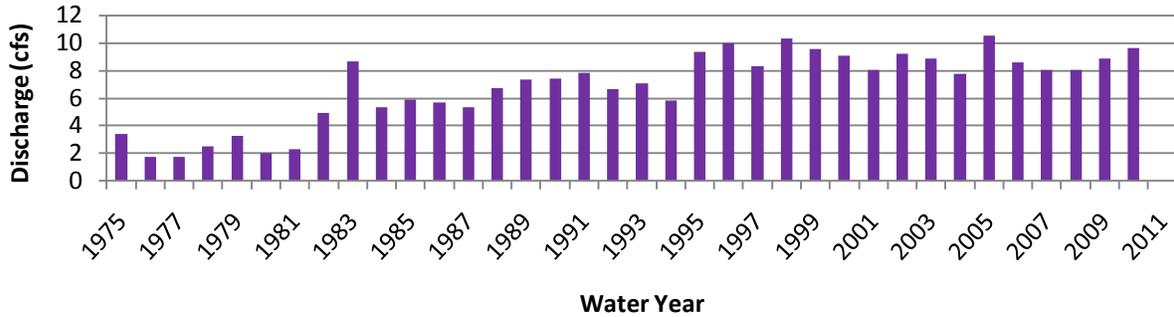


## Mean June Discharge on Lagunitas Creek near Point Reyes Station

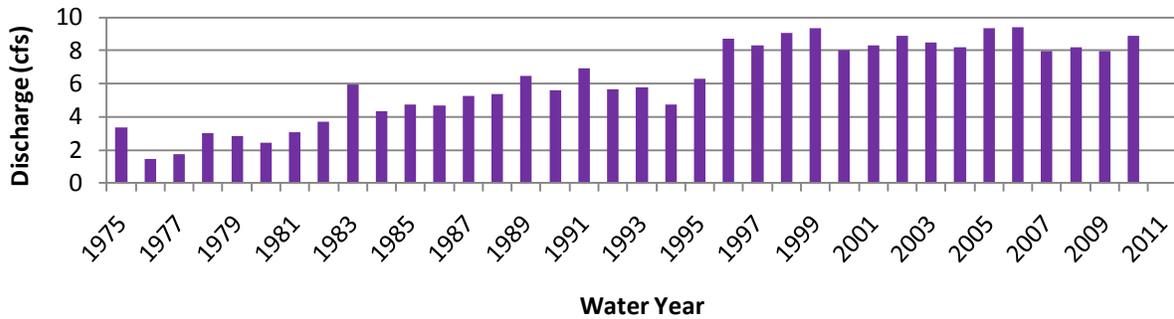


# MONTHLY DISCHARGE

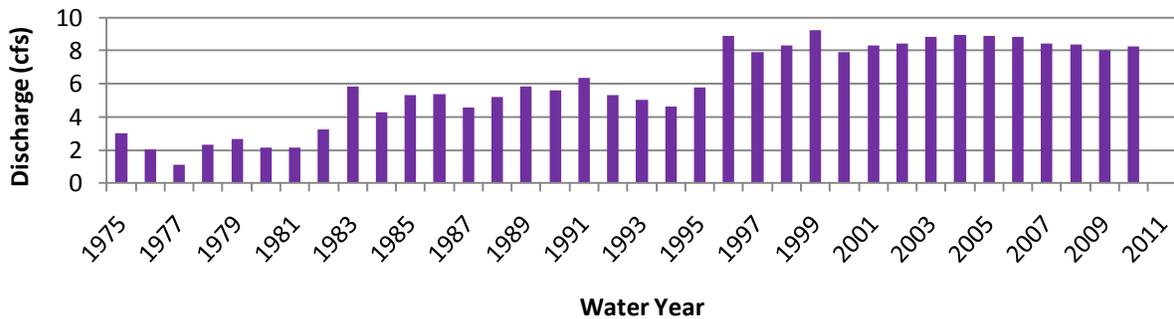
## Mean July Discharge on Lagunitas Creek near Point Reyes Station



## Mean August Discharge on Lagunitas Creek near Point Reyes Station

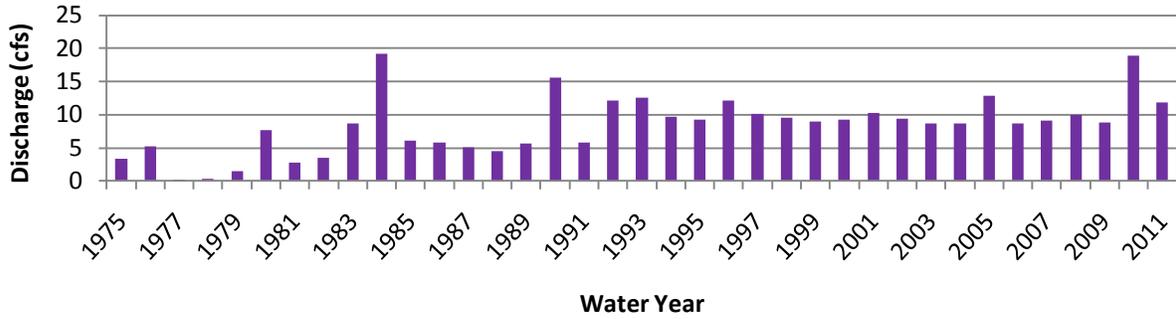


## Mean September Discharge on Lagunitas Creek near Point Reyes Station

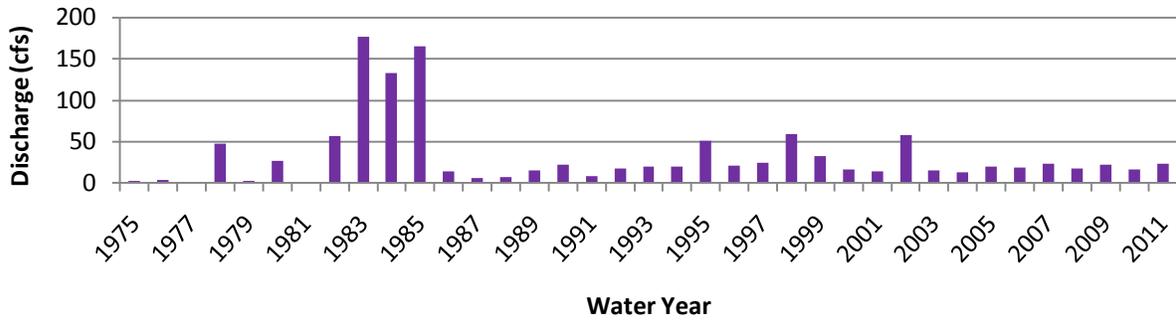


# MONTHLY DISCHARGE

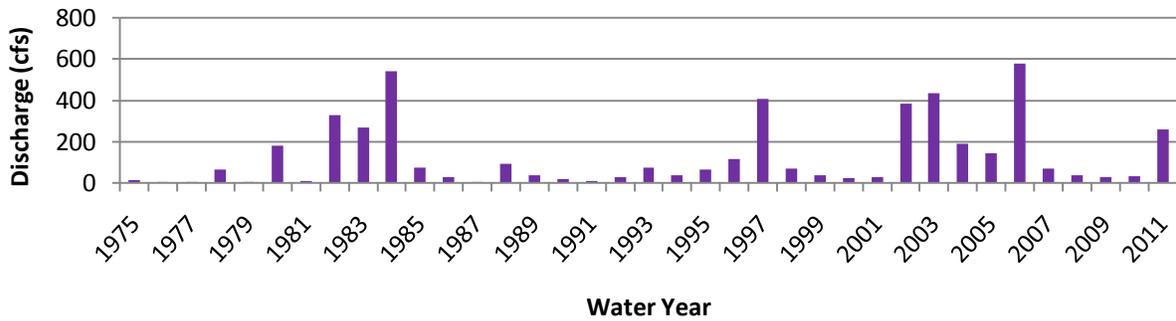
## Mean October Discharge on Lagunitas Creek near Point Reyes Station



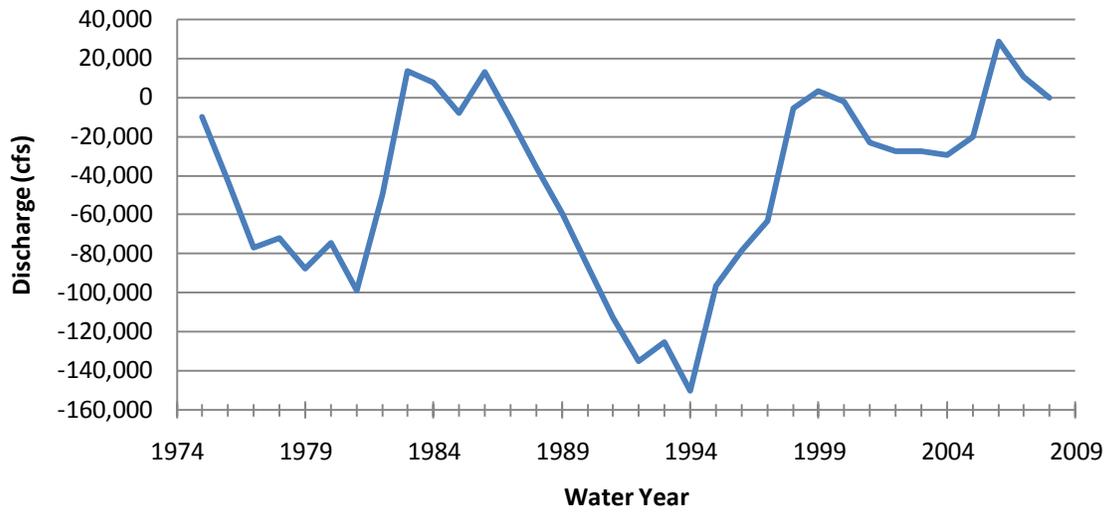
## Mean November Discharge on Lagunitas Creek near Point Reyes Station



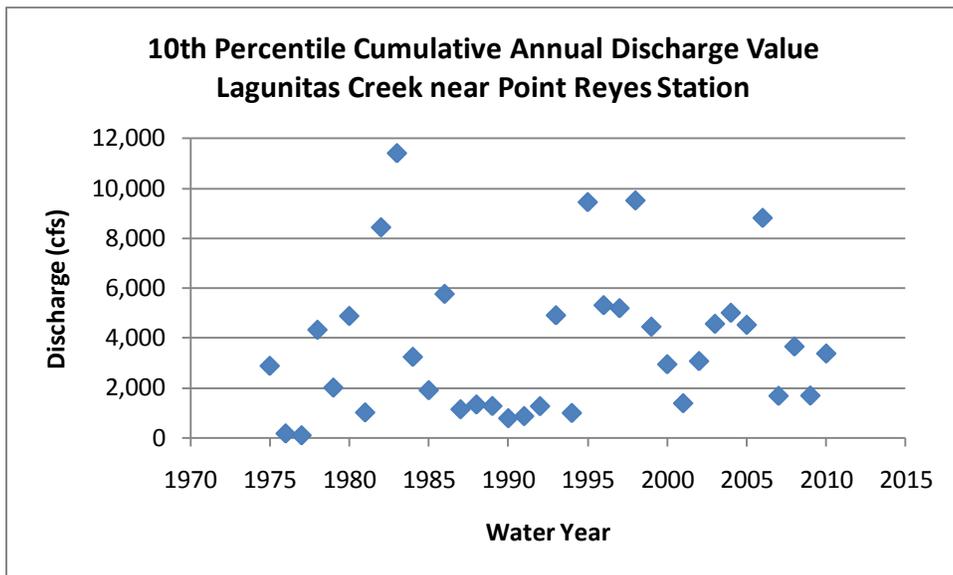
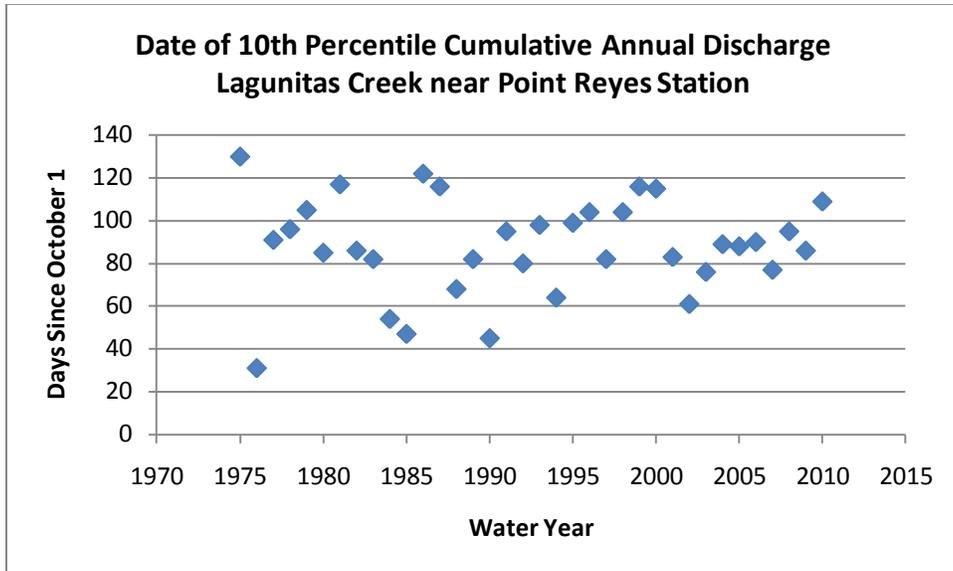
## Mean December Discharge on Lagunitas Creek near Point Reyes Station



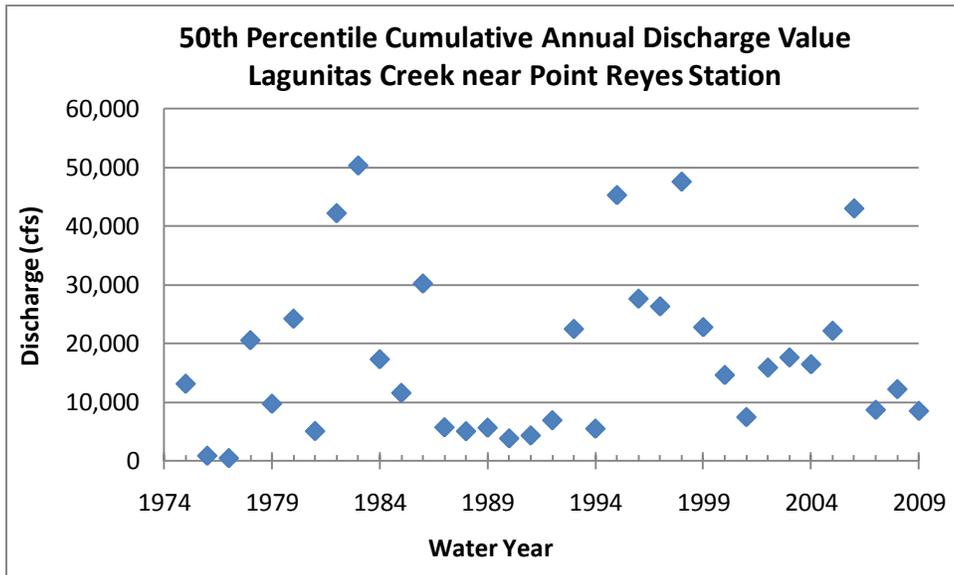
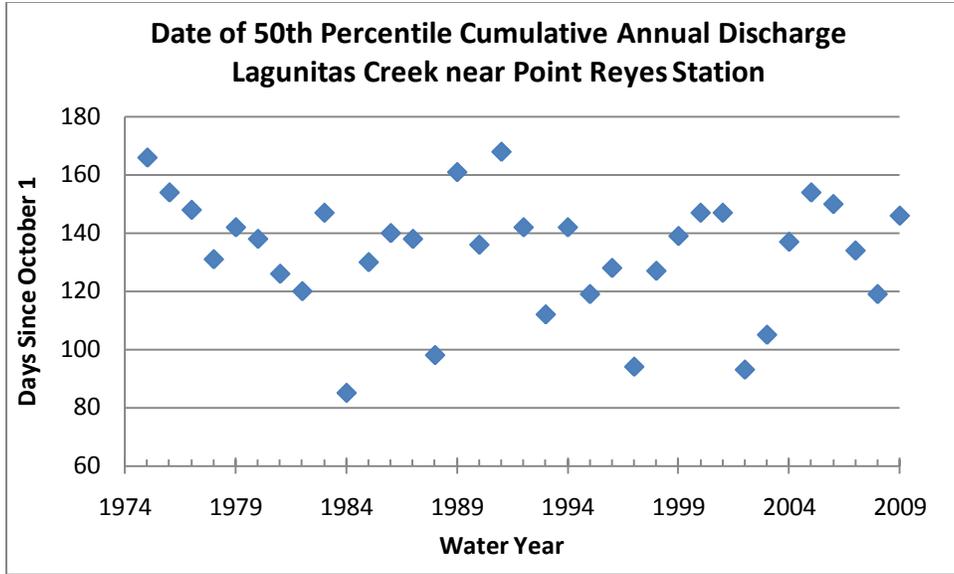
### Cumulative Departure from Mean Annual Discharge Lagunitas Creek near Point Reyes Station



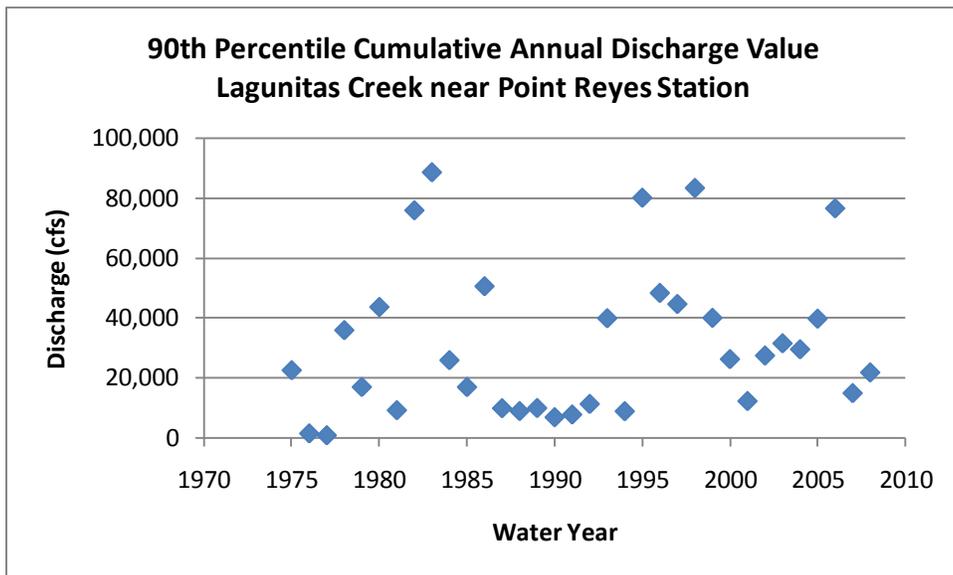
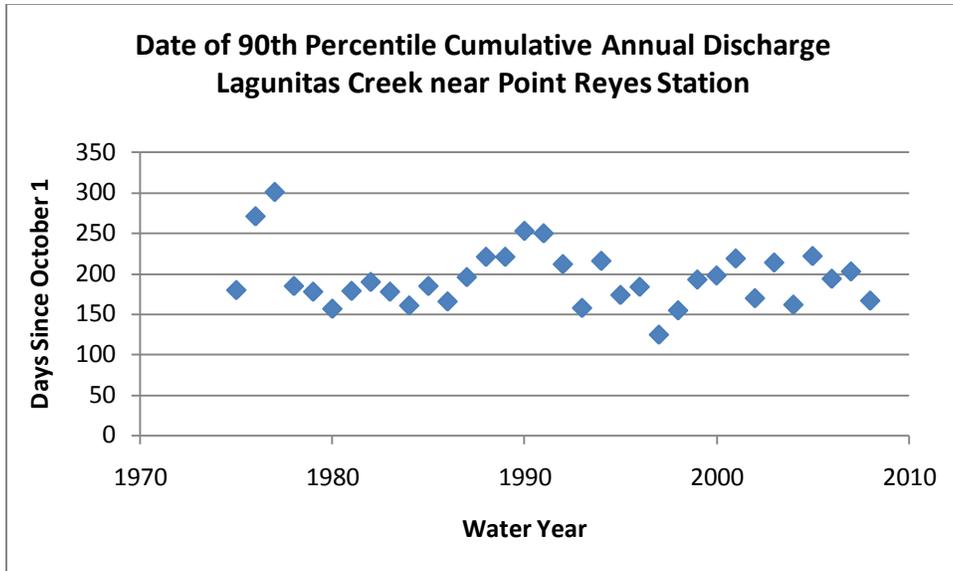
# TIMING OF RUNOFF



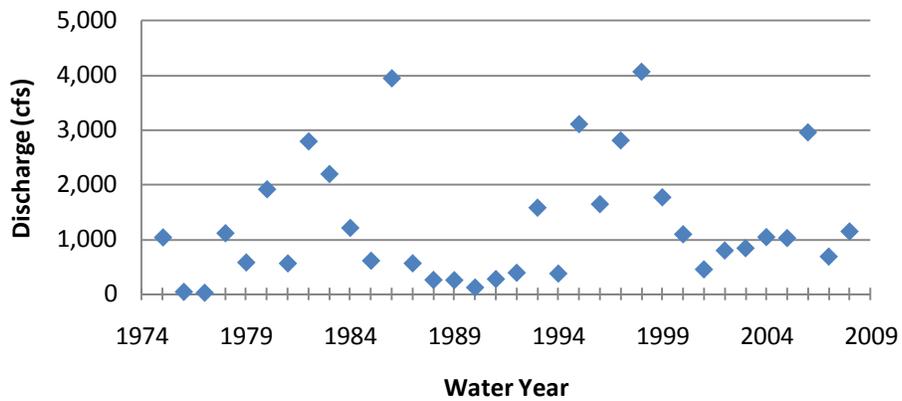
# TIMING OF RUNOFF



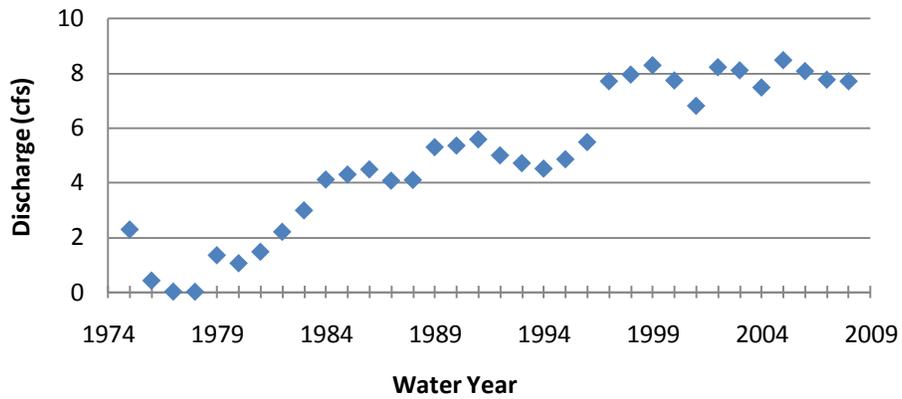
# TIMING OF RUNOFF



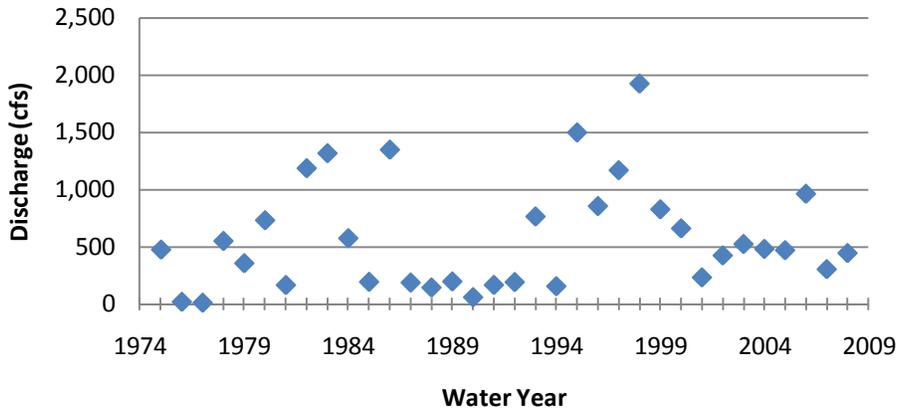
### Maximum 7-Day Average Streamflow Lagunitas Creek near Point Reyes Station



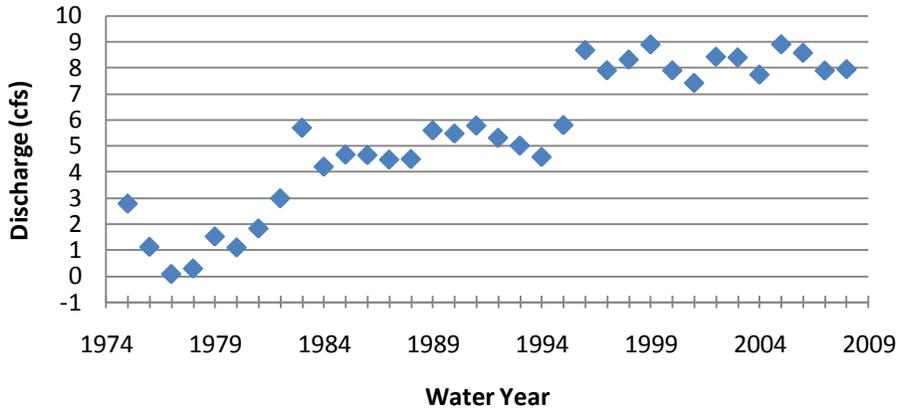
### Minimum 7-Day Average Streamflow Lagunitas Creek near Point Reyes Station

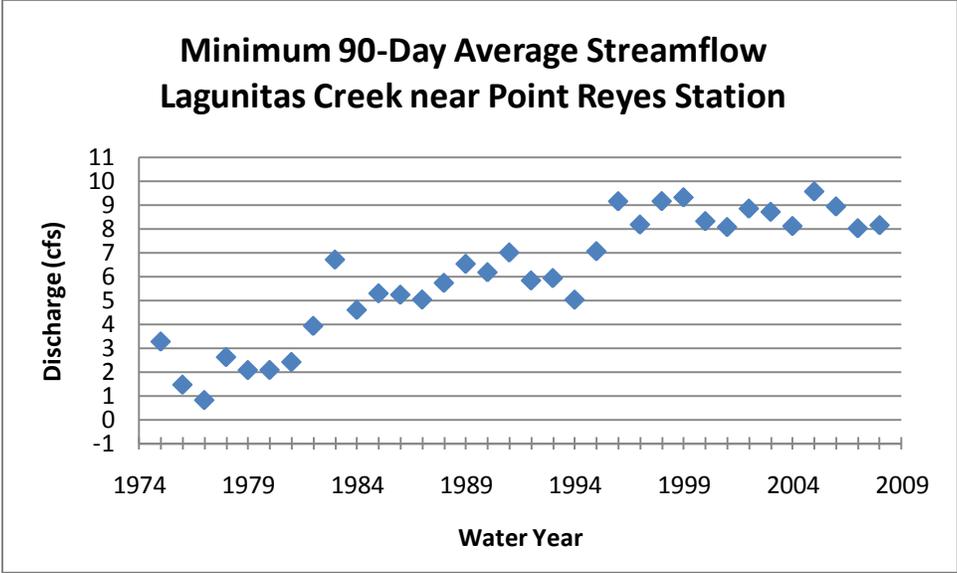
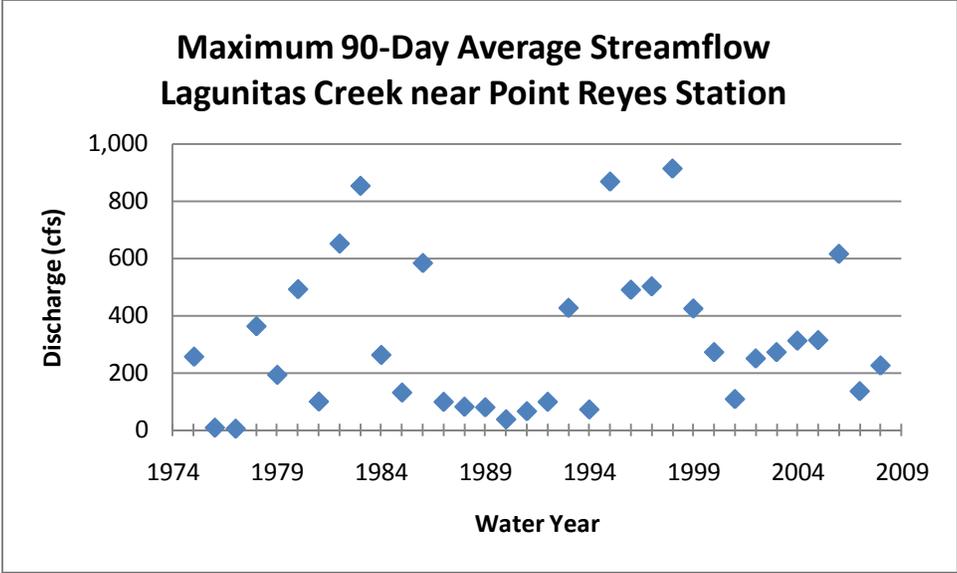


### Maximum 30-Day Average Streamflow Lagunitas Creek near Point Reyes Station



### Minimum 30-Day Average Streamflow Lagunitas Creek near Point Reyes Station





## RECURRENCE INTERVALS AND FLOW DURATION

### Streamflow Statistics

Statistic Name	Value	Units	Citation Number
<b>Flow-Duration Statistics</b>			
1_Percent_Duration	1620	cubic feet per second	41
10_Percent_Duration	161	cubic feet per second	41
20_Percent_Duration	53	cubic feet per second	41
25_Percent_Duration	36	cubic feet per second	41
30_Percent_Duration	26	cubic feet per second	41
40_Percent_Duration	17	cubic feet per second	41
5_Percent_Duration	421	cubic feet per second	41
50_Percent_Duration	11	cubic feet per second	41
60_Percent_Duration	8.53	cubic feet per second	41
70_Percent_Duration	6.5	cubic feet per second	41
75_Percent_Duration	5.7	cubic feet per second	41
80_Percent_Duration	4.9	cubic feet per second	41
90_Percent_Duration	2.7	cubic feet per second	41
95_Percent_Duration	1.9	cubic feet per second	41
99_Percent_Duration	0.354	cubic feet per second	41
<b>General Flow Statistics</b>			
Average_daily_streamflow	92.577	cubic feet per second	41
Maximum_daily_flow	10700	cubic feet per second	41
Minimum_daily_flow	0.01	cubic feet per second	41
Std_Dev_of_daily_flows	357.476	cubic feet per second	41
<b>Base Flow Statistics</b>			
Average_BFI_value	0.314	dimensionless	42
Number_of_years_to_compute_BFI	29	years	42
Std_dev_of_annual_BFI_values	0.137	dimensionless	42

### Citations

Citation Number	Citation Name and URL
41	Wolock, D.M., 2003, Flow characteristics at U.S. Geological Survey streamgages in the conterminous United States: U.S. Geological Survey Open-File Report 03-146, digital data set, available on World Wide Web at URL <a href="http://water.usgs.gov/lookup/getspatial?qsitesdd">http://water.usgs.gov/lookup/getspatial?qsitesdd</a>
42	Wolock, D.M., 2003, Base-flow index grid for the conterminous United States: U.S. Geological Survey Open-File Report 03-263, digital data set, available on World Wide Web at URL <a href="http://water.usgs.gov/lookup/getspatial?bfi48grd">http://water.usgs.gov/lookup/getspatial?bfi48grd</a>

