APPENDIX E. Annual Hydrographs, 1994—2009, from San Lorenzo, Soquel and Corralitos Watersheds.

Figure 1. The 1994 Daily Average Discharge for the USGS Gage and Median Daily Flow of Record On the San Lorenzo River at Big Trees.

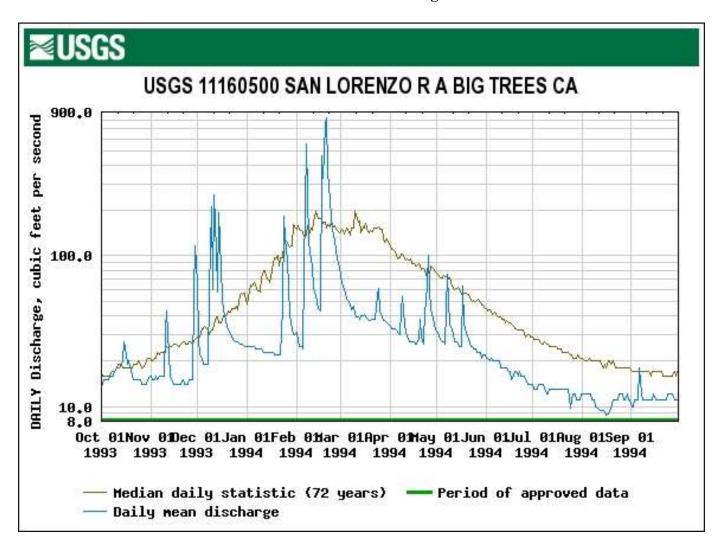


Figure 2. The 1995 Daily Average Discharge for the USGS Gage and Median Daily Flow of Record On the San Lorenzo River at Big Trees.

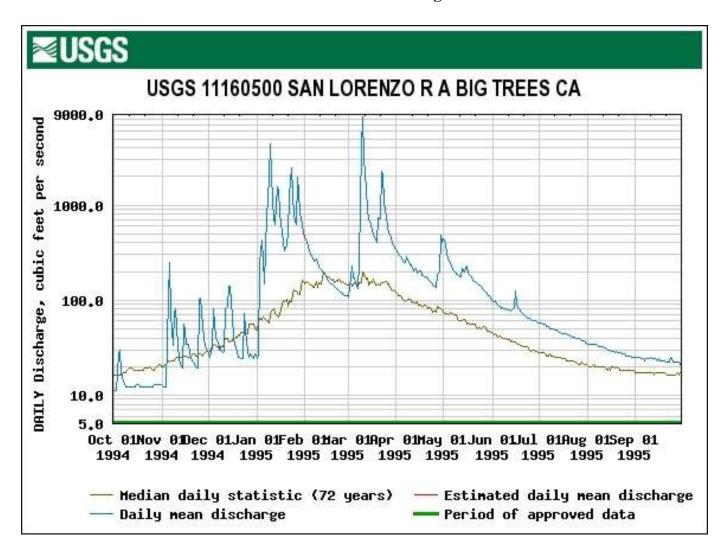


Figure 3. The 1997 Daily Average Discharge for the USGS Gage and Median Daily Flow of Record On the San Lorenzo River at Big Trees.

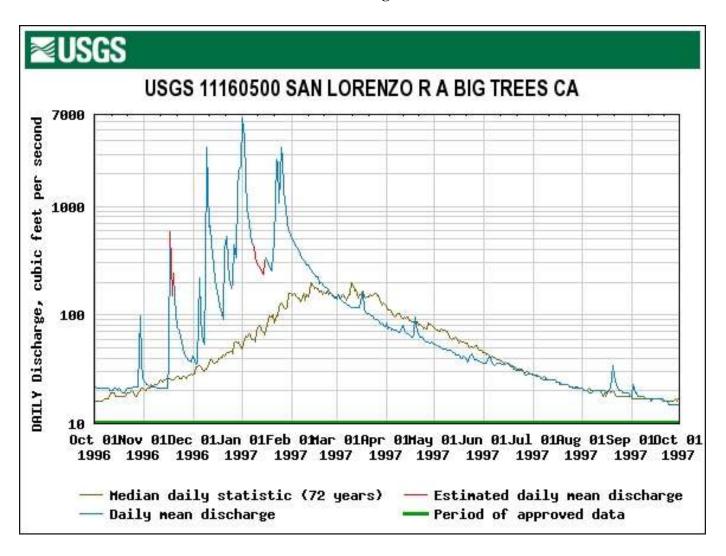


Figure 4. The 1998 Daily Average Discharge for the USGS Gage and Median Daily Flow of Record On the San Lorenzo River at Big Trees.

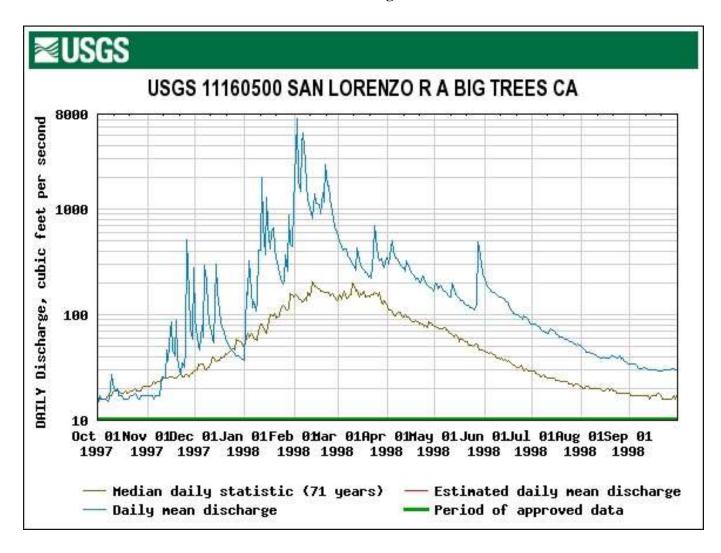


Figure 5. The 1999 Daily Average Discharge for the USGS Gage and Median Daily Flow of Record On the San Lorenzo River at Big Trees.

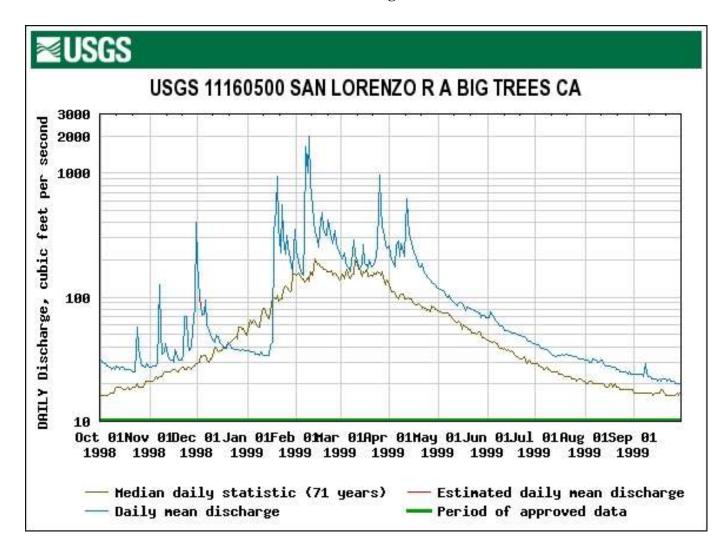


Figure 6. The 2000 Daily Average Discharge for the USGS Gage and Median Daily Flow of Record On the San Lorenzo River at Big Trees.

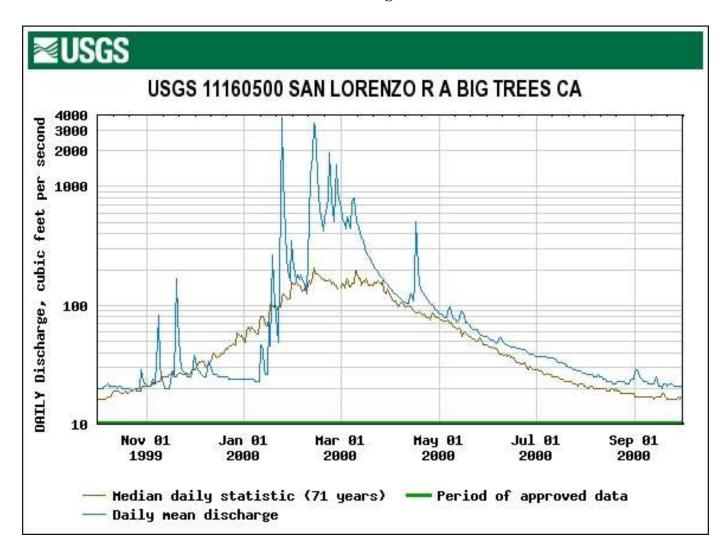


Figure 7. The 2001 Daily Average Discharge for the USGS Gage and Median Daily Flow of Record On the San Lorenzo River at Big Trees.

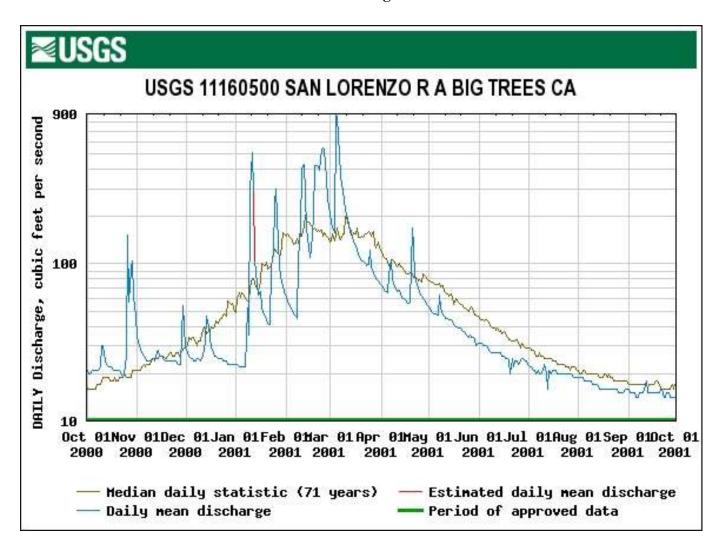


Figure 8. The 2002 Daily Average Discharge for the USGS Gage and Median Daily Flow of Record On the San Lorenzo River at Big Trees.

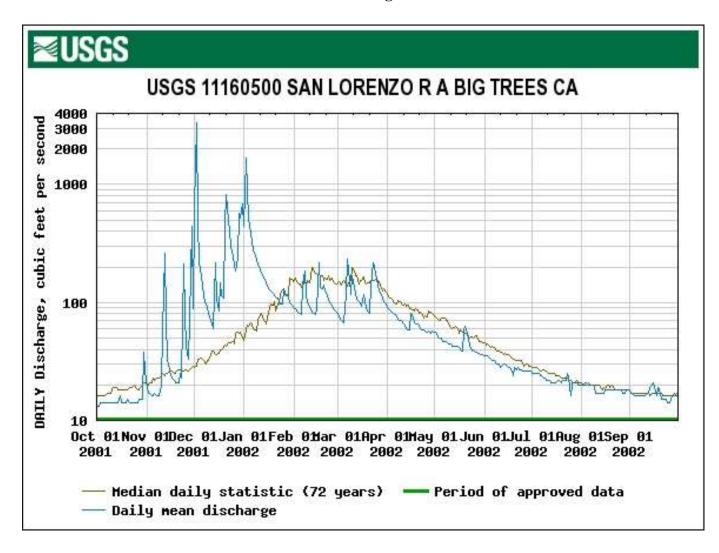


Figure 9. The 2003 Daily Average Discharge and Median Daily Flow of Record for the USGS Gage On the San Lorenzo River at Big Trees.

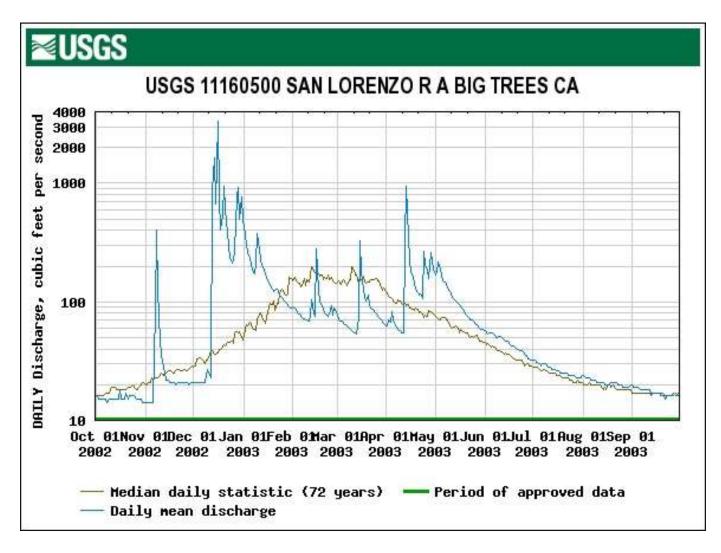


Figure 10. The 2004 Daily Average Discharge and Median Daily Flow of Record for the USGS Gage On the San Lorenzo River at Big Trees.

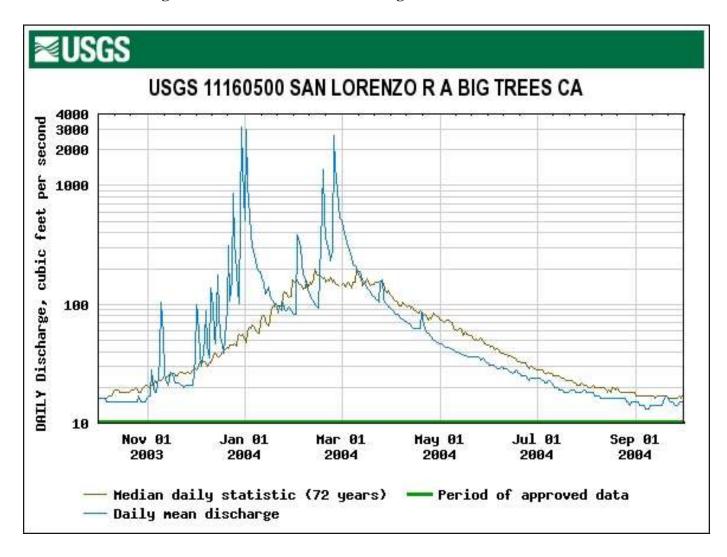


Figure 11. The 2005 Daily Average Discharge and Median Daily Flow of Record for the USGS Gage On the San Lorenzo River at Big Trees.

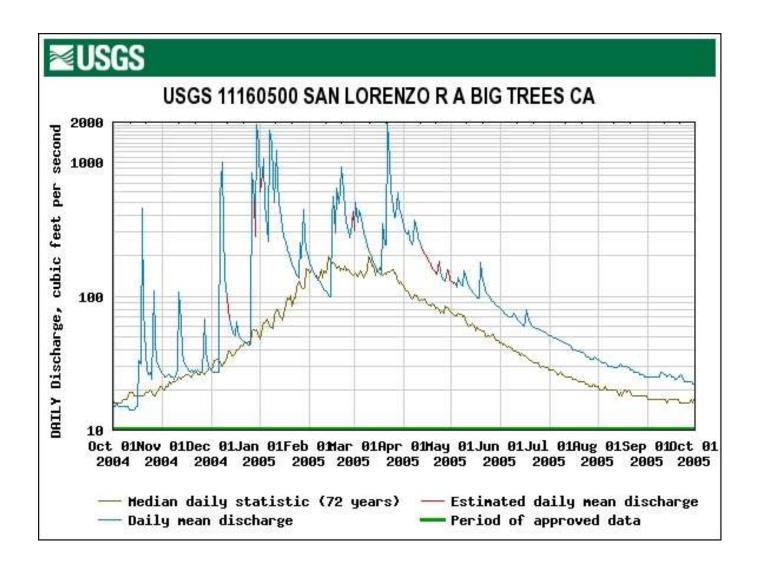


Figure 12. The 2005 Daily Average Discharge and Median Daily Flow of Record for the USGS Gage On the San Lorenzo River at Santa Cruz. (Included because of equipment malfunction at the Big Trees Gage during a stormflow in early January.)

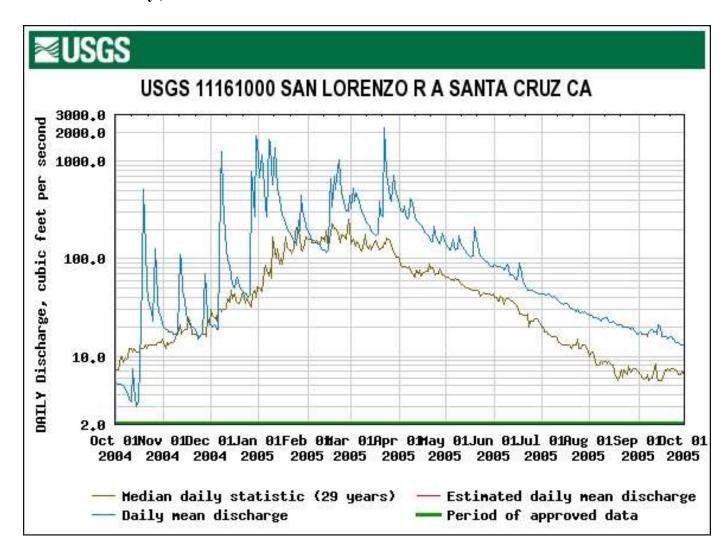


Figure 13. The 2006 Daily Average Discharge and Median Daily Flow of Record for the USGS Gage On the San Lorenzo River at Big Trees.

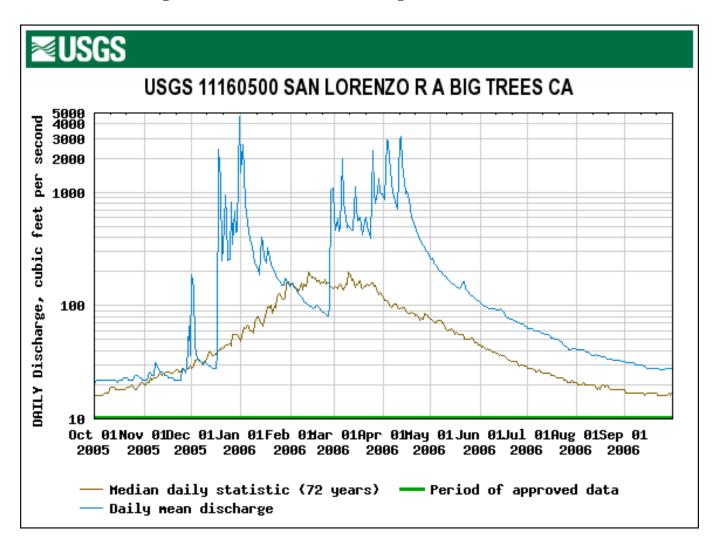


Figure 14. The 2007 Daily Average Discharge and Median Daily Flow of Record for the USGS Gage On the San Lorenzo River at Big Trees.

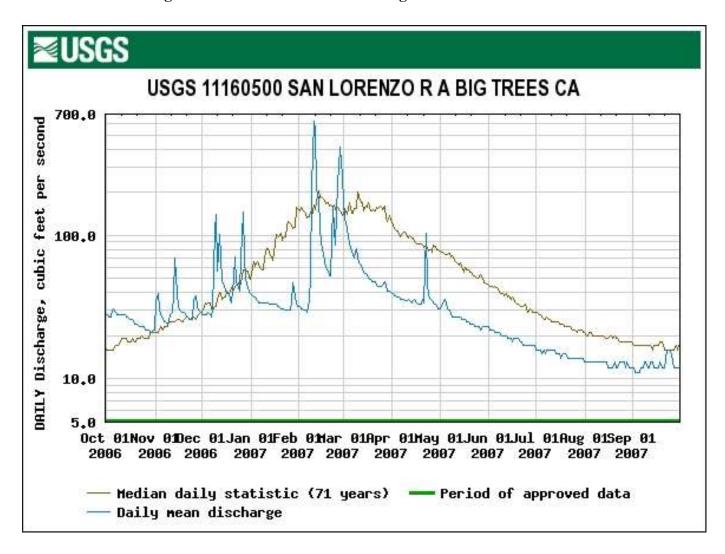


Figure 15. The 1995 Daily Mean and Peak Flood Flow at the USGS Gage on Soquel Creek at Soquel.

Figure 1. The 1995 daily mean and peak flood flow for the USGS gage on Soquel Creek at Soquel.

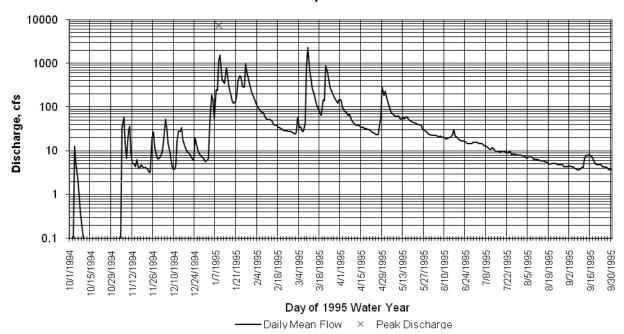
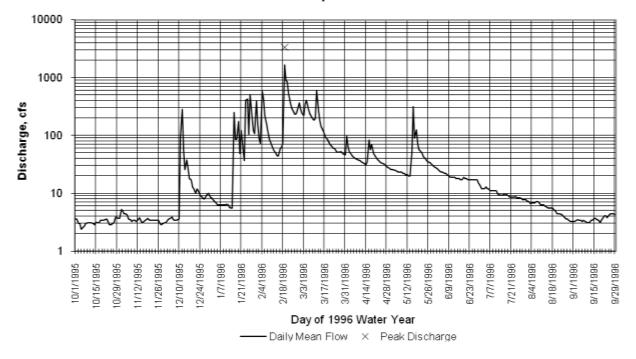


Figure 16. The 1996 Daily Mean and Peak Flood Flow at the USGS Gage on Soquel Creek at Soquel.

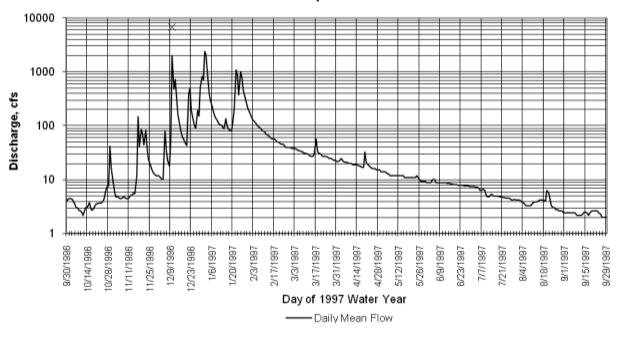
Figure 2. The 1996 daily mean and peak flood flow for the USGS gage on Soquel Creek at Soquel.



17

Figure 17. The 1997 Daily Mean and Peak Flood Flow at the USGS Gage on Soquel Creek at Soquel.

Figure 3. The 1997 daily mean and peak flood flow for the USGS gage on Soquel Creek at Soquel.



18

Figure 18. The 1998 Daily Mean and Peak Flood Flow at the USGS Gage on Soquel Creek at Soquel.

Figure 4. The 1998 daily mean and peak flood flows for the USGS gage on Soquel Creek at Soquel.

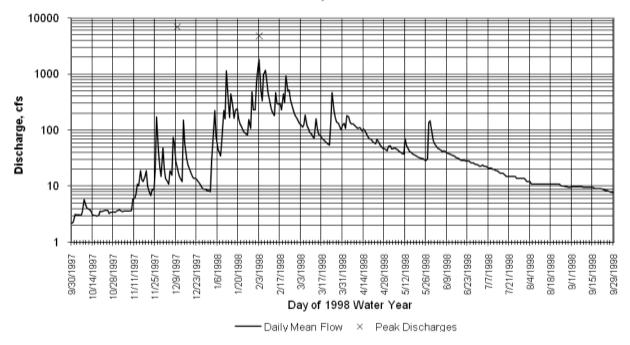


Figure 19. The 1999 Daily Mean and Peak Flood Flow at the USGS Gage on Soquel Creek at Soquel.

10000 1000 Discharge, cfs 100 10 12/9/1998 1/6/1999 2/3/1999 3/3/1999 4/14/1999 5/12/1999 6/23/1999 7/7/1999 7/21/1999 8/4/1999 8/18/1999 9/29/1999 10/14/1998 10/28/1998 11/25/1998 9/30/1998 11/11/1998 12/23/1998 2/17/1999 3/17/1999 3/31/1999 4/28/1999 Day of 1999 Water Year -Daily Mean Flow

Figure 5. The 1999 daily mean and peak flood flow for the USGS gage on Soquel Creek at Soquel.

Figure 20. The 2000 Daily Mean and Peak Flood Flow at the USGS Gage on Soquel Creek at Soquel.

10000 1000 1000 100

1/20/2000

2/3/2000

2/17/2000

3/2/2000

3/16/2000

12/23/1999

9/30/1999 10/28/1999 11/11/1999 11/26/1999

Figure 6. The 2000 daily mean and peak flood flow for the USGS gage on Soquel Creek at Soquel.

Day of 2000 Water Year

Daily Mean Flow

4/13/2000 4/27/2000 5/11/2000 5/26/2000 6/22/2000

6/8/2000

7/20/2000

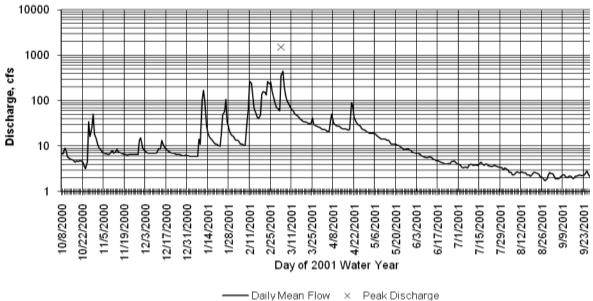
7/6/2000

8/17/2000 8/31/2000

8/3/2000

Figure 21. The 2001 Daily Mean and Peak Flood Flow at the USGS Gage on Soquel Creek at Soquel.

Figure 7. The 2001 daily mean and peak flood flow for the USGS gage on Soquel Creek at Soquel. (Preliminary, subject to change)



— Daily Mean Flow A Feak Discharge

Figure 22. The 2002 Daily Mean and Peak Flood Flow at the USGS Gage on Soquel Creek at Soquel.

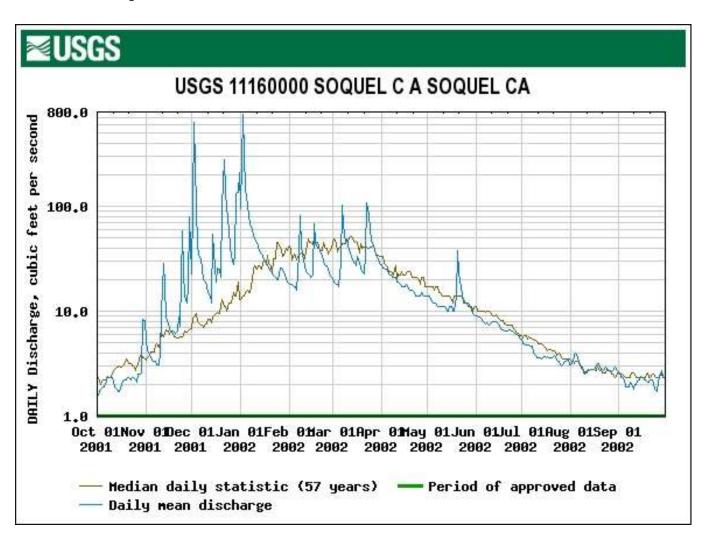
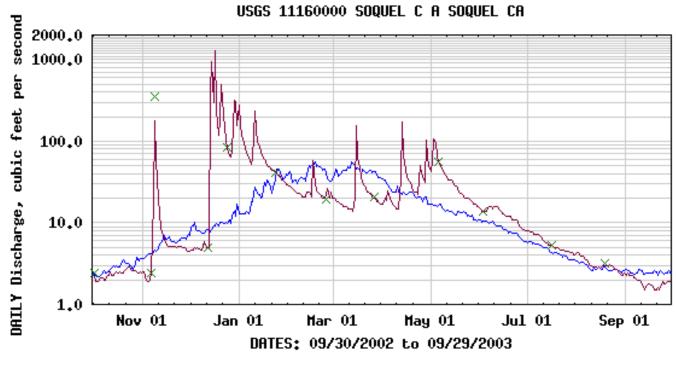


Figure 23. The 2003 Daily Mean and Median Flow at the USGS Gage on Soquel Creek at Soquel.

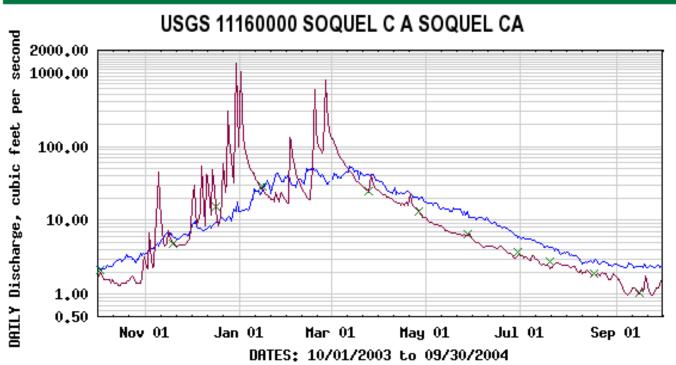


## **EXPLANATION**

- --- HEDIAN DAILY STREAMFLOW BASED ON 51 YEARS OF RECORD
- × MEASURED Discharge
- DAILY MEAN DISCHARGE

Figure 24. The 2004 Daily Mean and Median Flow at the USGS Gage on Soquel Creek at Soquel.





## **EXPLANATION**

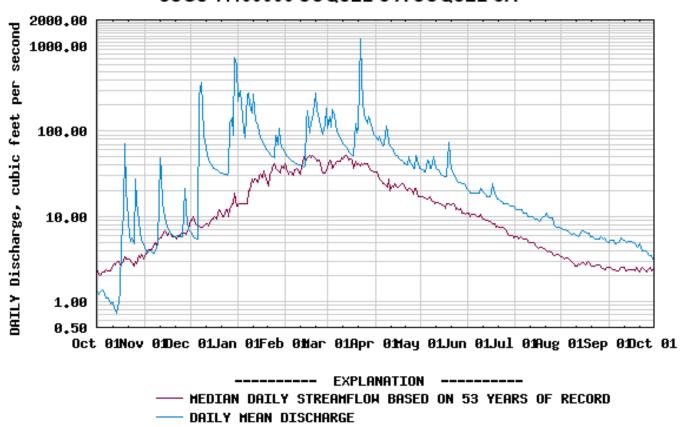
- HEDIAN DAILY STREAMFLOW BASED ON 52 YEARS OF RECORD
- × MEASURED Discharge
- DAILY MEAN DISCHARGE

**Provisional Data Subject to Revision** 

Figure 25. The 2005 Daily Mean and Median Flow at the USGS Gage on Soquel Creek at Soquel.







**Provisional Data Subject to Revision** 

Figure 26. The 2006 Daily Mean and Median Flow at the USGS Gage on Soquel Creek at Soquel.

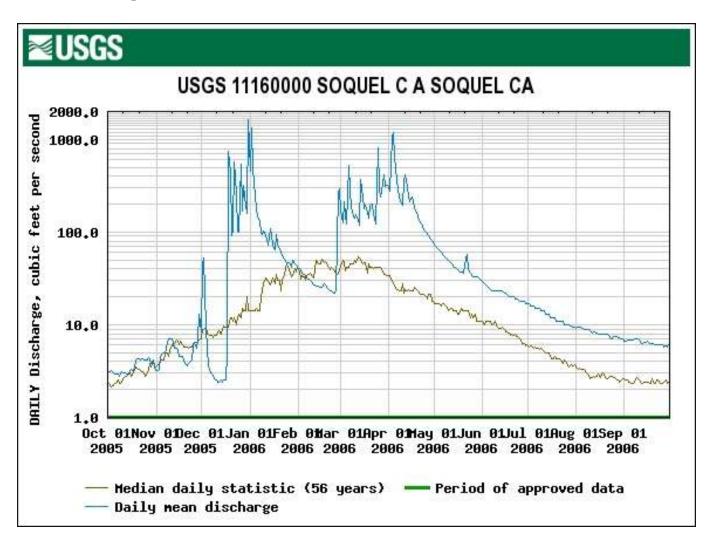


Figure 27. The 2007 Daily Mean and Median Flow at the USGS Gage on Soquel Creek at Soquel.

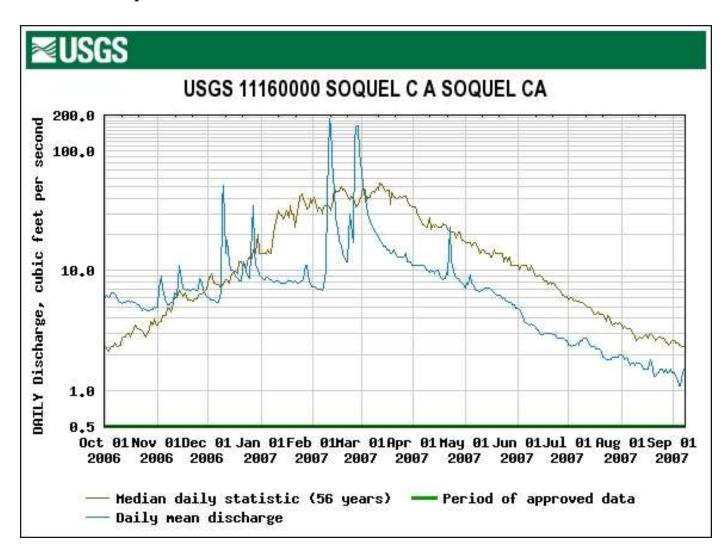


Figure 28. The 1981 Daily Mean Flow at the USGS Gage on Corralitos Creek at Freedom. (USGS website would not provide logarithmic scale of discharge.)

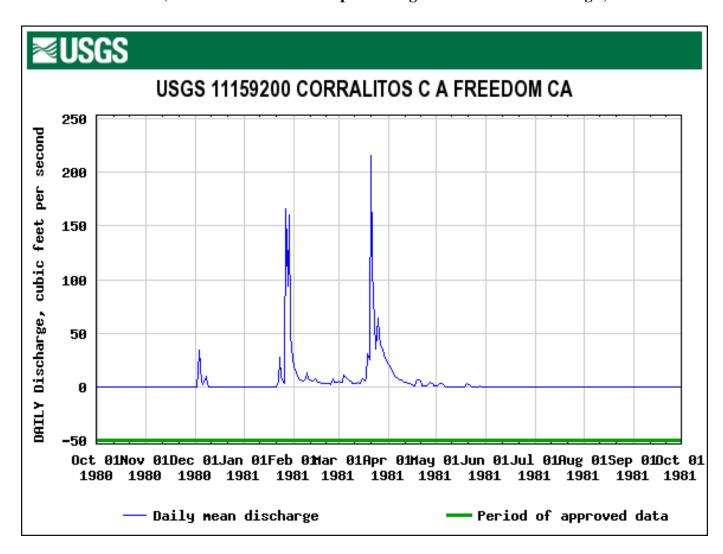


Figure 29. The 1994 Daily Mean Flow at the USGS Gage on Corralitos Creek at Freedom. (USGS website would not provide logarithmic scale of discharge.)

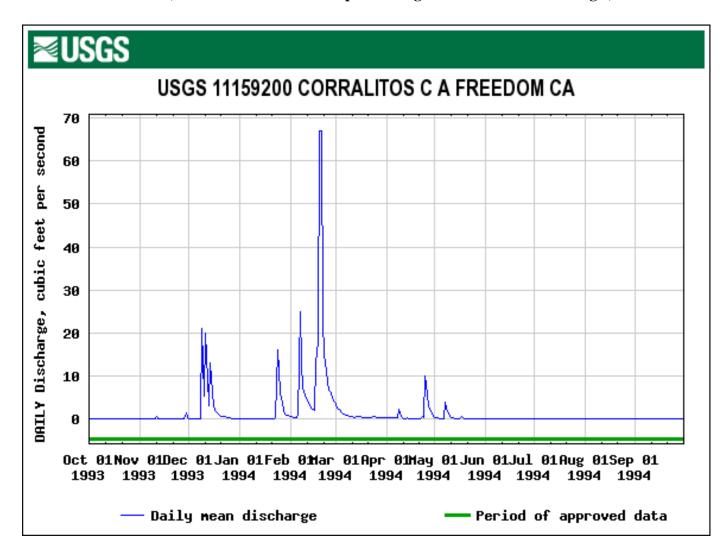


Figure 30. The 2006 Daily Mean Flow at the USGS Gage on Corralitos Creek at Freedom.

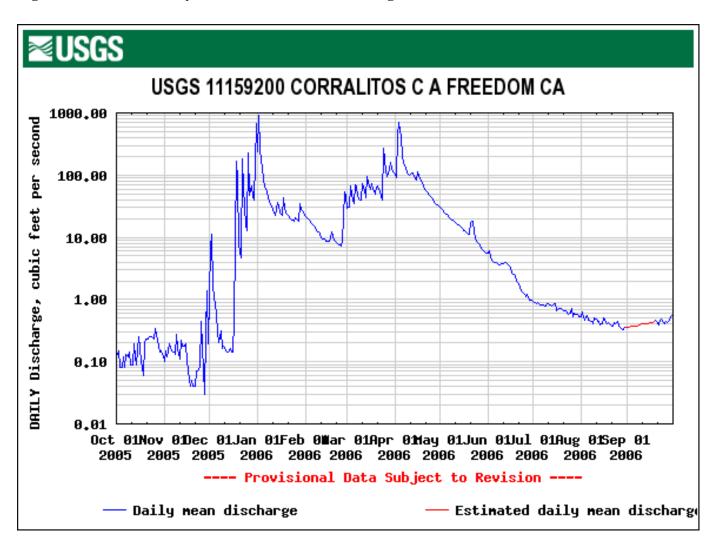


Figure 31. The 2006 Daily Mean Flow at the USGS Gage on Corralitos Creek at Freedom with Median Flow Statistics.

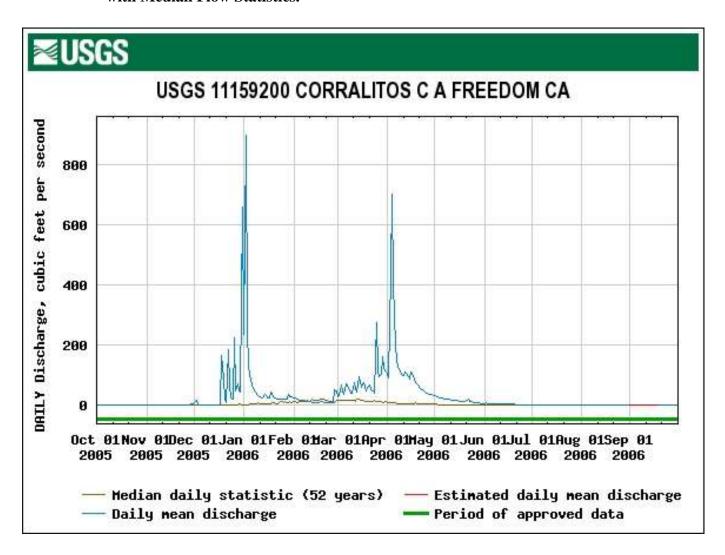


Figure 32. The 2007 Daily Mean and Median Flow at the USGS Gage on Corralitos Creek at Freedom. (USGS website would not provide a logarithmic scale of discharge).

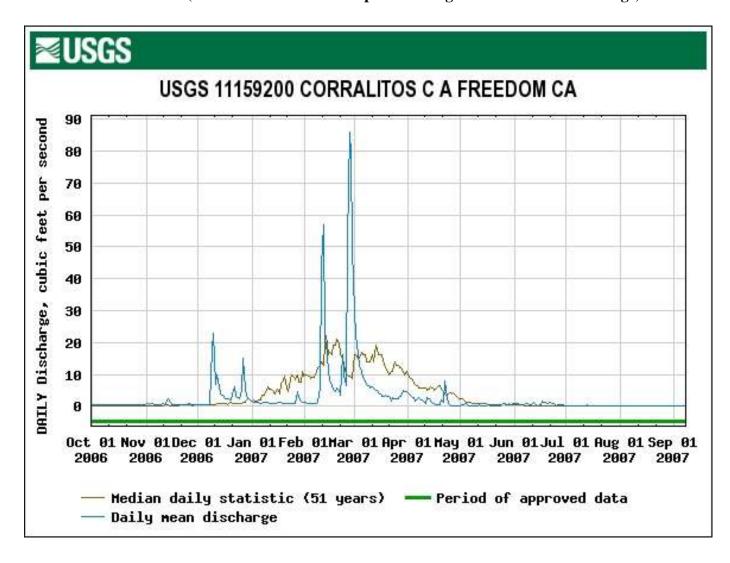


Figure 33. The 2009 Daily Average Discharge and Median Daily Flow of Record for the USGS Gage On the San Lorenzo River at Big Trees.

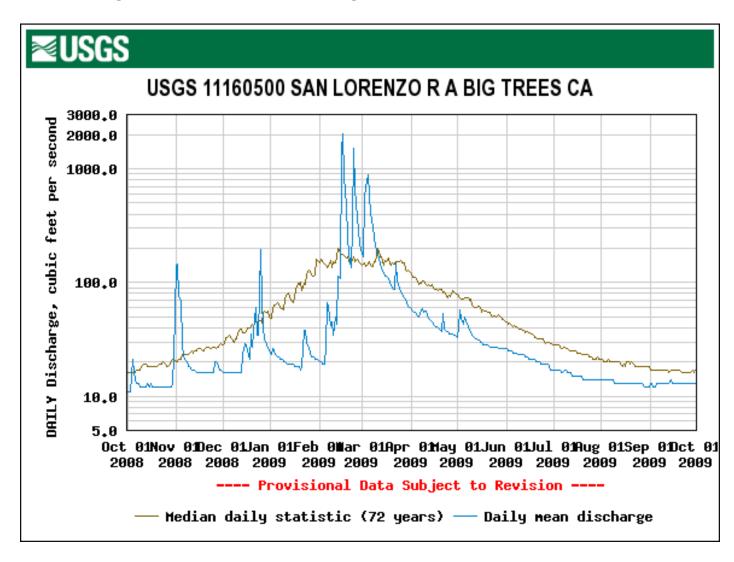


Figure 34. The 2008 Daily Average Discharge and Median Daily Flow of Record for the USGS Gage On the San Lorenzo River at Big Trees.

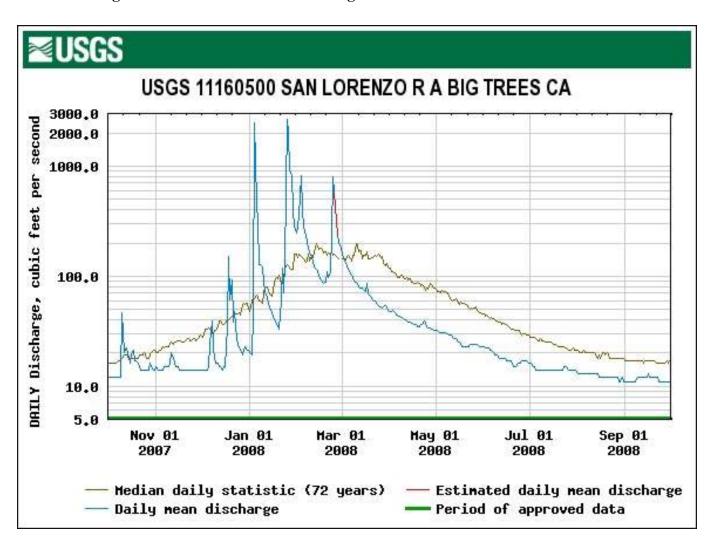


Figure 35. The 2009 Daily Mean and Median Flow at the USGS Gage on Soquel Creek at Soquel.

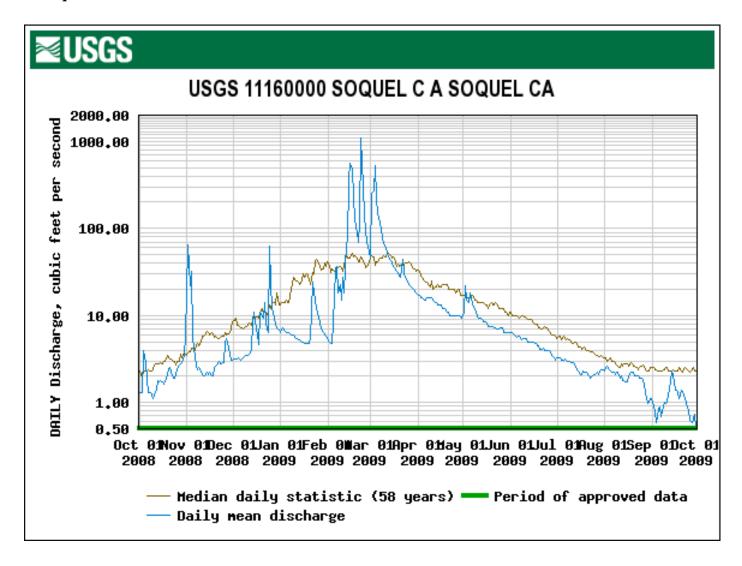


Figure 36. The 2008 Daily Mean and Median Flow at the USGS Gage on Soquel Creek at Soquel.

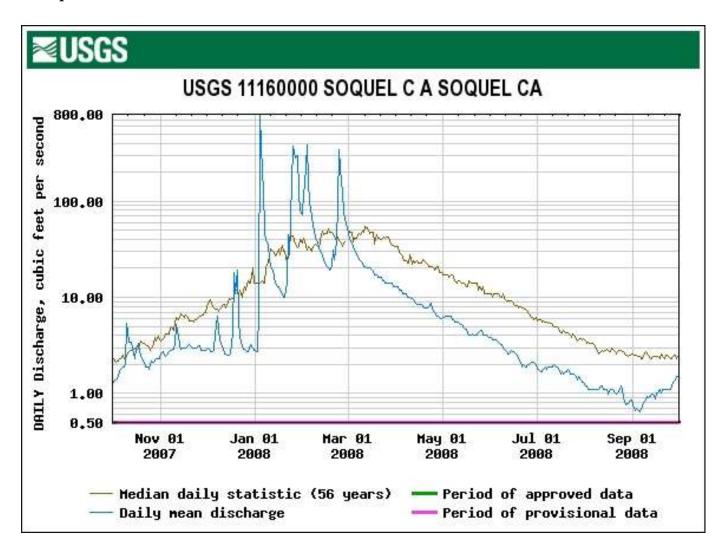


Figure 37. The 2009 Daily Mean and Median Flow at the USGS Gage on Corralitos Creek at Freedom. (USGS website would not provide a logarithmic scale of discharge).

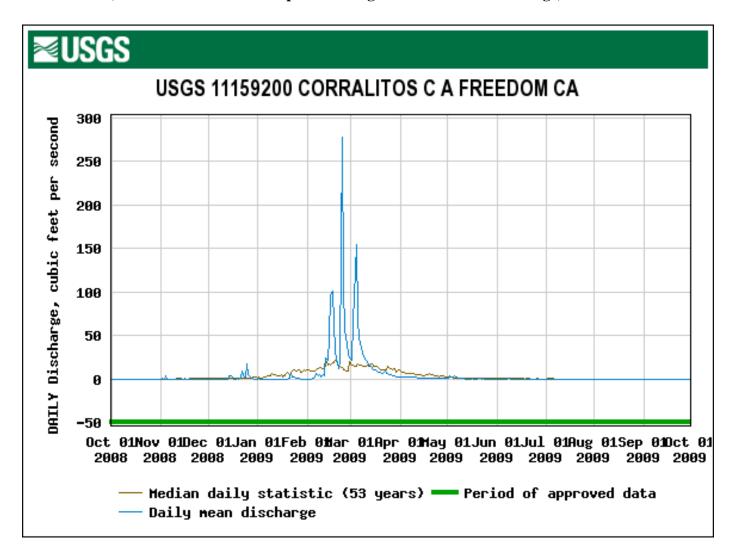


Figure 38. The 2008 Daily Mean and Median Flow at the USGS Gage on Corralitos Creek at Freedom. (USGS website would not provide a logarithmic scale of discharge).

