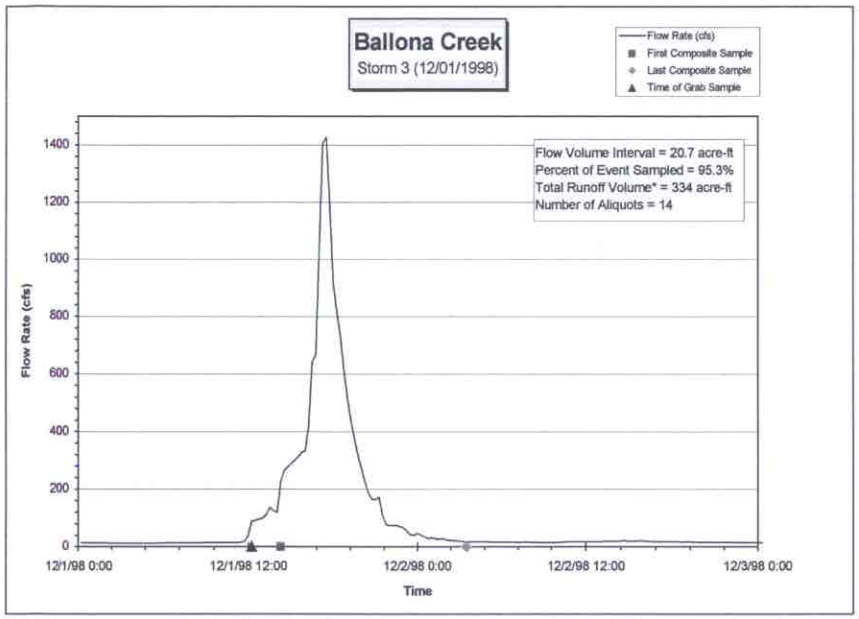
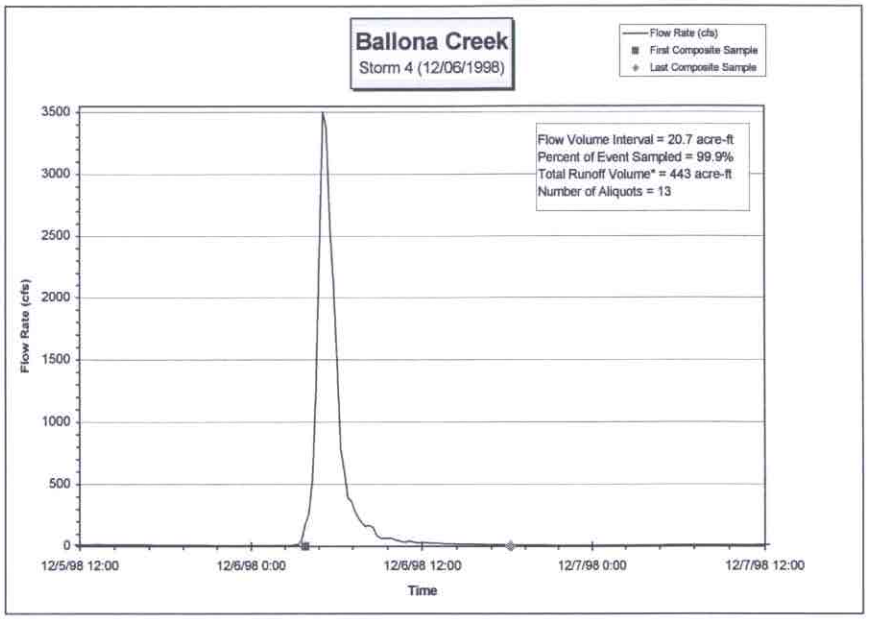
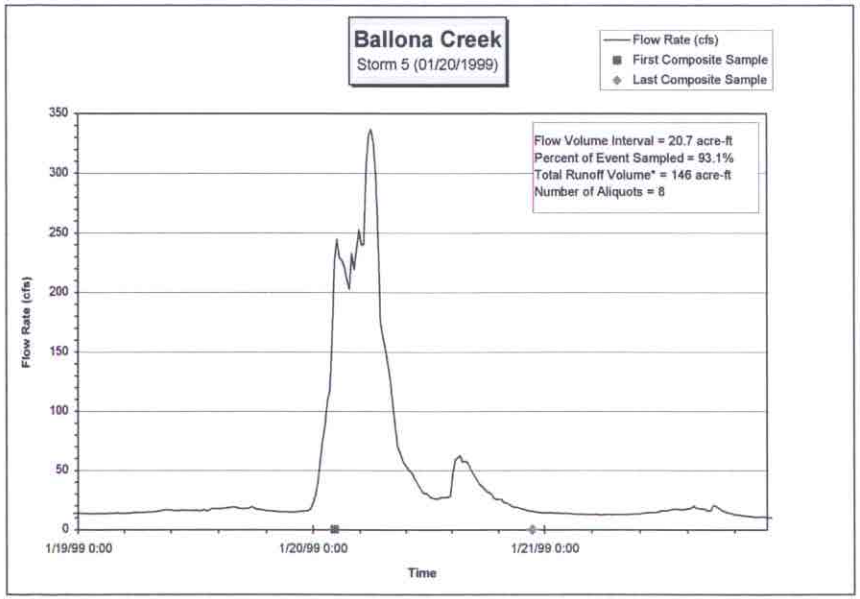
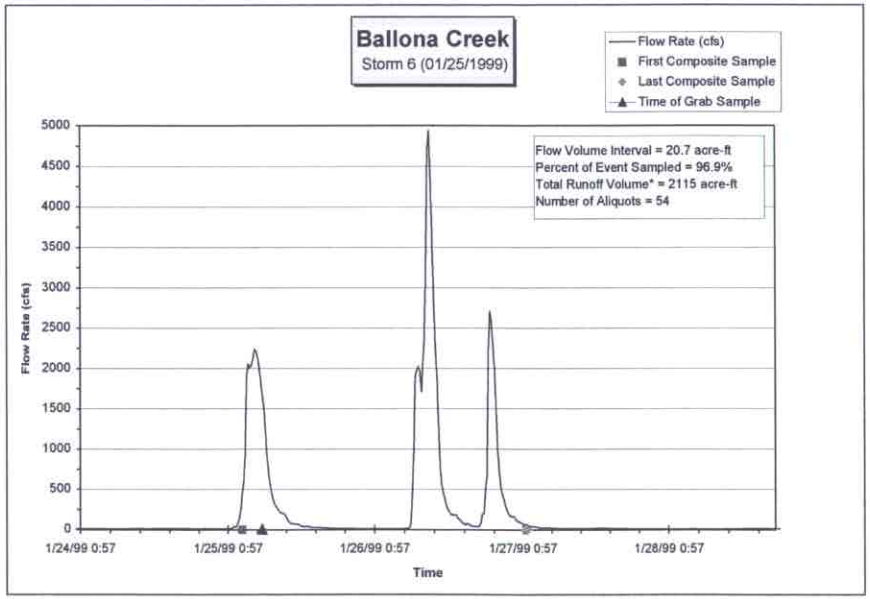
Appendix B1

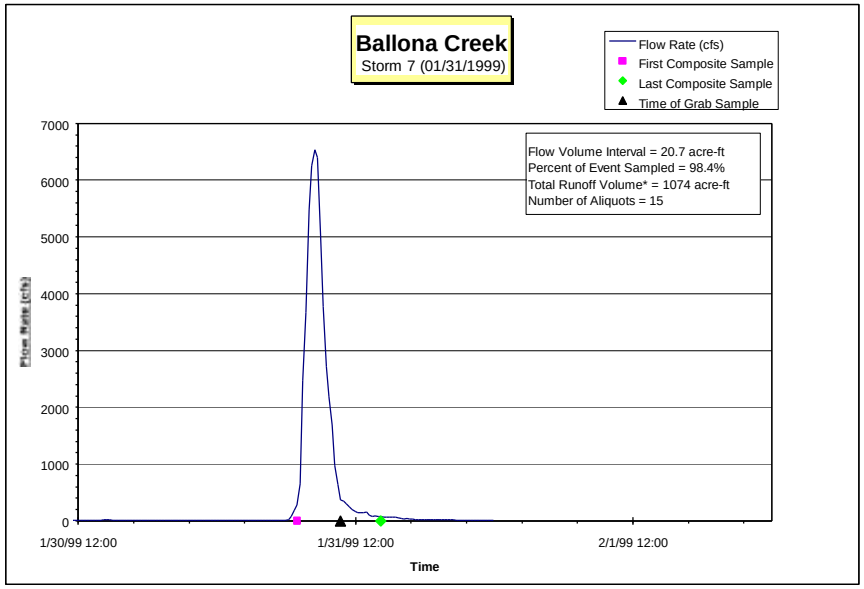
Hydrographs for Monitored Stations

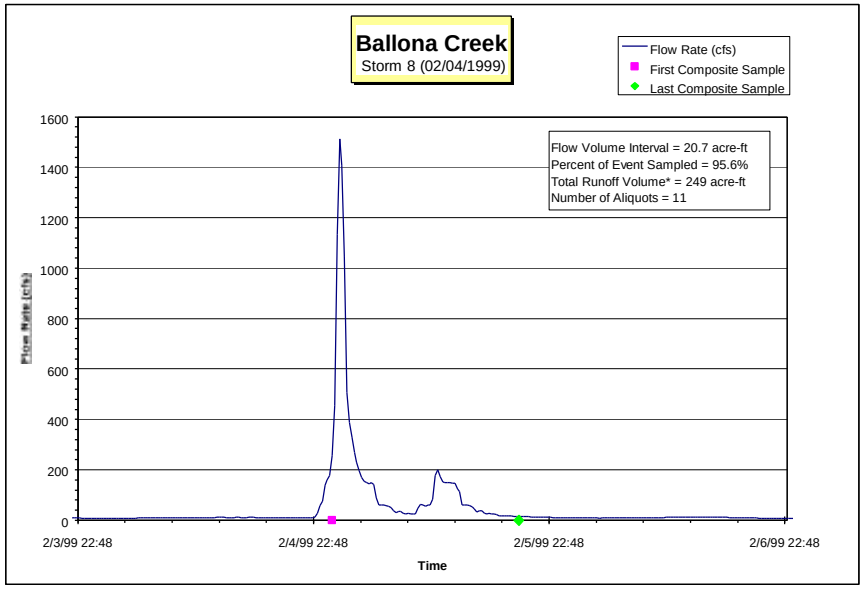

Ballona Creek
Storm 3 (12/01/1998)
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Time of Grab Sample
Flow Volume Interval = 20.7 acre-ft
Percent of Event Sampled = 95.3%
Total Runoff Volume* = 334 acre-ft
Number of Aliquots = 14
Flow Rate (cfs)
0
200
400
600
800
1000
1200
1400
12/1/98 0:00
12/1/98 12:00
12/2/98 0:00
12/2/98 12:00
12/3/98 0:00
Time

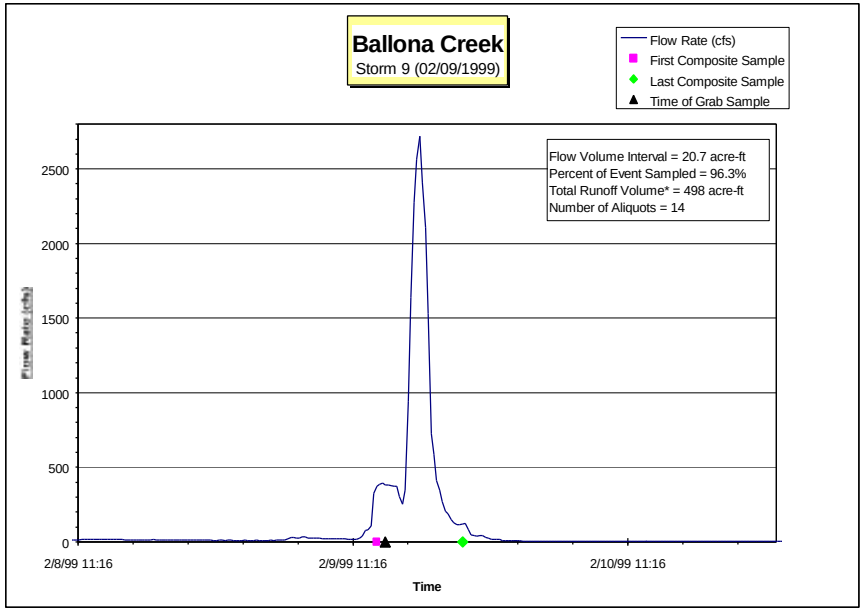

Ballona Creek
Storm 4 (12/06/1998)
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Flow Volume Interval = 20.7 acre-ft
Percent of Event Sampled = 99.9%
Total Runoff Volume* = 443 acre-ft
Number of Aliquots = 13
Flow Rate (cfs)
0
500
1000
1500
2000
2500
3000
3500
12/5/98 12:00
12/6/98 0:00
12/6/98 12:00
12/7/98 0:00
12/7/98 12:00
Time

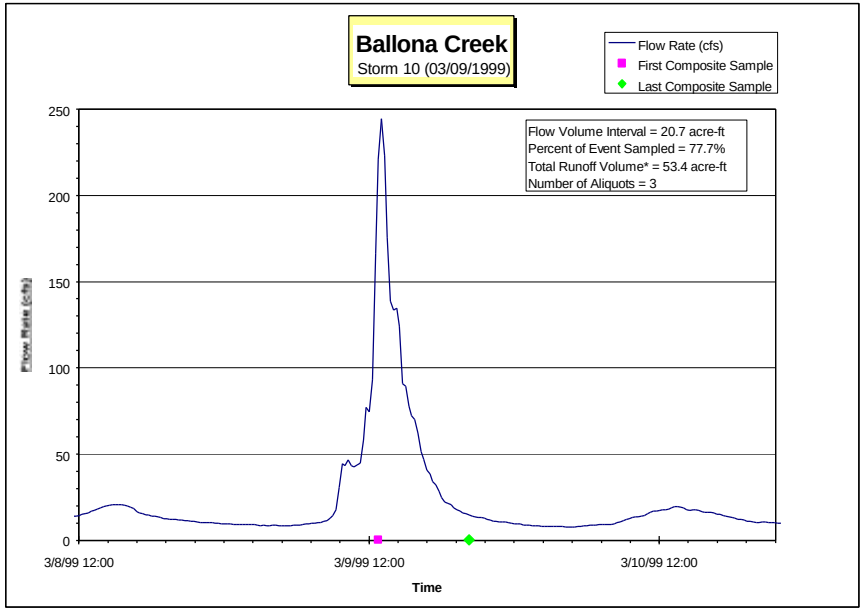

Ballona Creek
Storm 5 (01/20/1999)
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Flow Volume Interval = 20.7 acre-ft
Percent of Event Sampled = 93.1%
Total Runoff Volume* = 146 acre-ft
Number of Aliquots = 8
Flow Rate (cfs)
0
50
100
150
200
250
300
350
1/19/99 0:00
1/20/99 0:00
1/21/99 0:00
Time

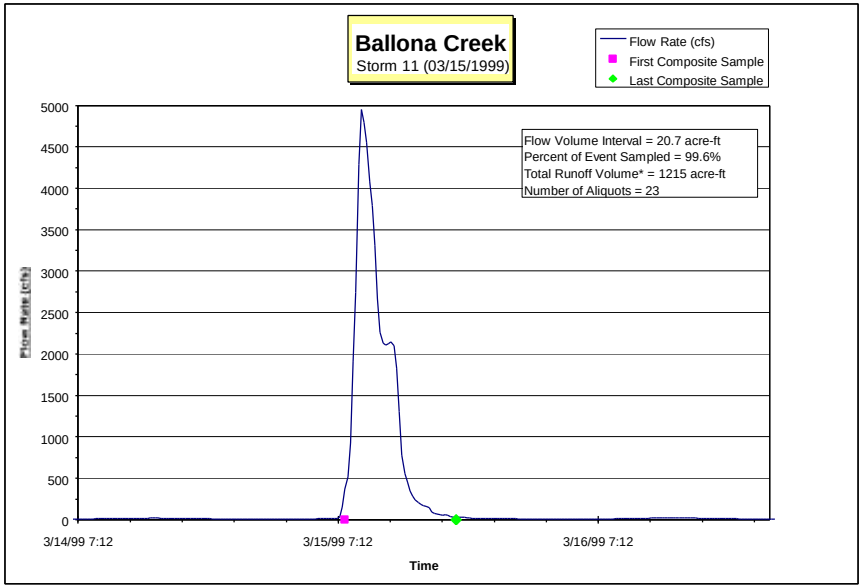

Ballona Creek
Storm 6 (01/25/1999)
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Time of Grab Sample
Flow Volume Interval = 20.7 acre-ft
Percent of Event Sampled = 96.9%
Total Runoff Volume* = 2115 acre-ft
Number of Aliquots = 54
Flow Rate (cfs)
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
1/24/99 0:57
1/25/99 0:57
1/26/99 0:57
1/27/99 0:57
1/28/99 0:57
Time

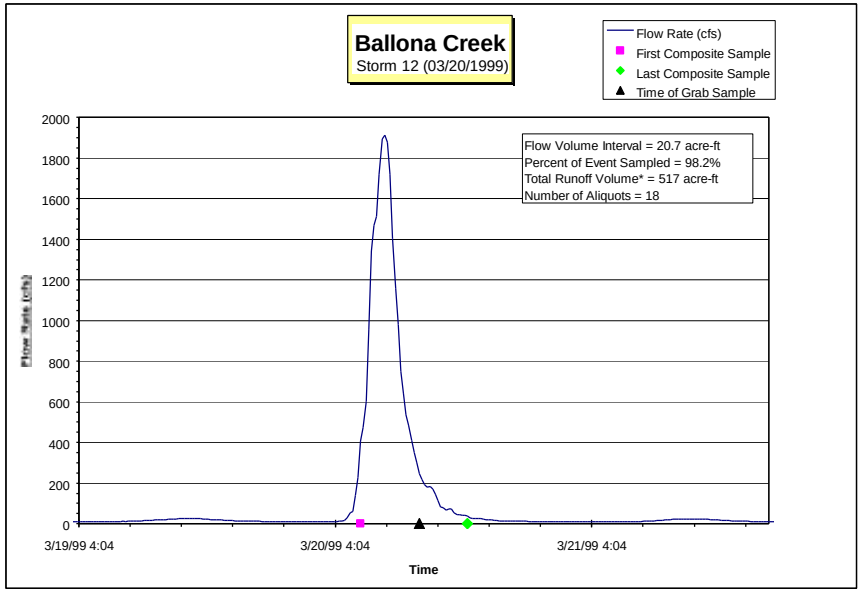

Ballona Creek
Storm 7 (01/31/1999)
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Time of Grab Sample
Flow Volume Interval = 20.7 acre-ft
Percent of Event Sampled = 98.4%
Total Runoff Volume* = 1074 acre-ft
Number of Aliquots = 15
Flow Rate (cfs)
7000
6000
5000
4000
3000
2000
1000
0
1/30/99 12:00
1/31/99 12:00
2/1/99 12:00
Time

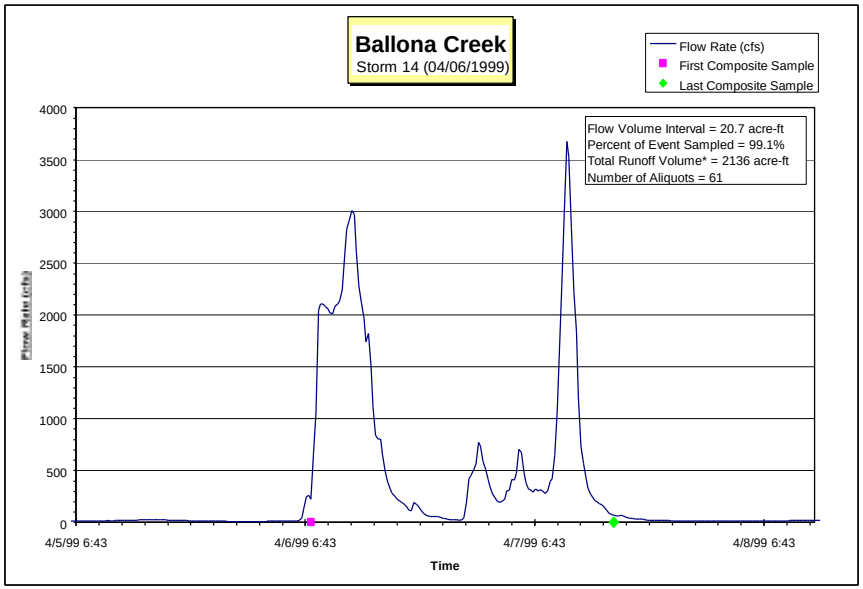

Ballona Creek
Storm 8 (02/04/1999)
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Flow Volume Interval = 20.7 acre-ft
Percent of Event Sampled = 95.6%
Total Runoff Volume* = 249 acre-ft
Number of Aliquots = 11
Flow Rate (cfs)
1600
1400
1200
1000
800
600
400
200
0
2/3/99 22:48
2/4/99 22:48
2/5/99 22:48
2/6/99 22:48
Time

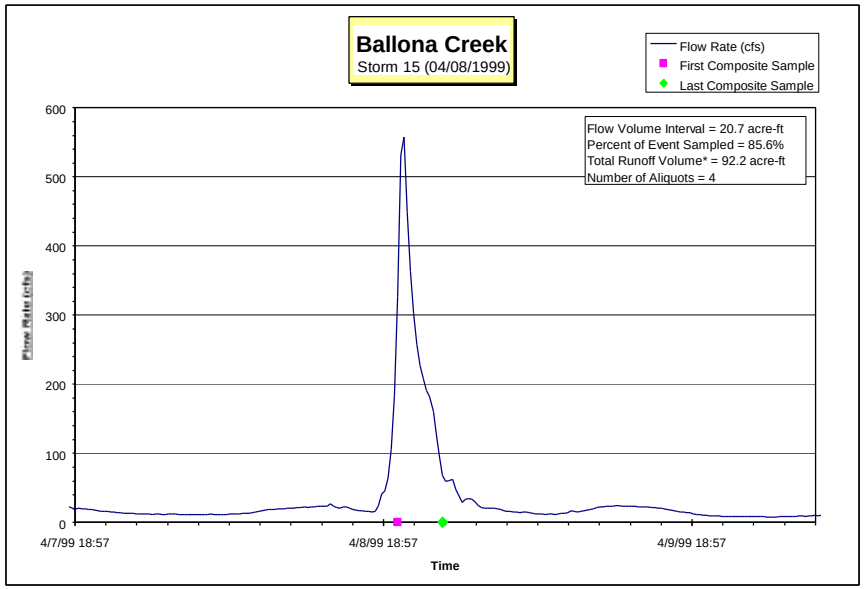

Ballona Creek
Storm 9 (02/09/1999)
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Time of Grab Sample
Flow Volume Interval = 20.7 acre-ft
Percent of Event Sampled = 96.3%
Total Runoff Volume* = 498 acre-ft
Number of Aliquots = 14
Flow Rate (cfs)
2500
2000
1500
1000
500
0
2/8/99 11:16
2/9/99 11:16
2/10/99 11:16
Time

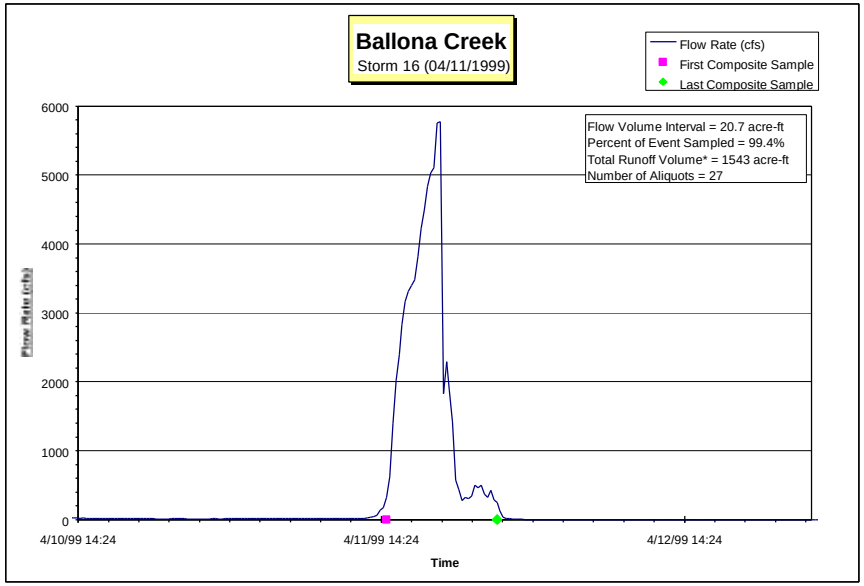

Ballona Creek
Storm 10 (03/09/1999)
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Flow Volume Interval = 20.7 acre-ft
Percent of Event Sampled = 77.7%
Total Runoff Volume* = 53.4 acre-ft
Number of Aliquots = 3
Flow Rate (cfs)
250
200
150
100
50
0
3/8/99 12:00
3/9/99 12:00
3/10/99 12:00
Time

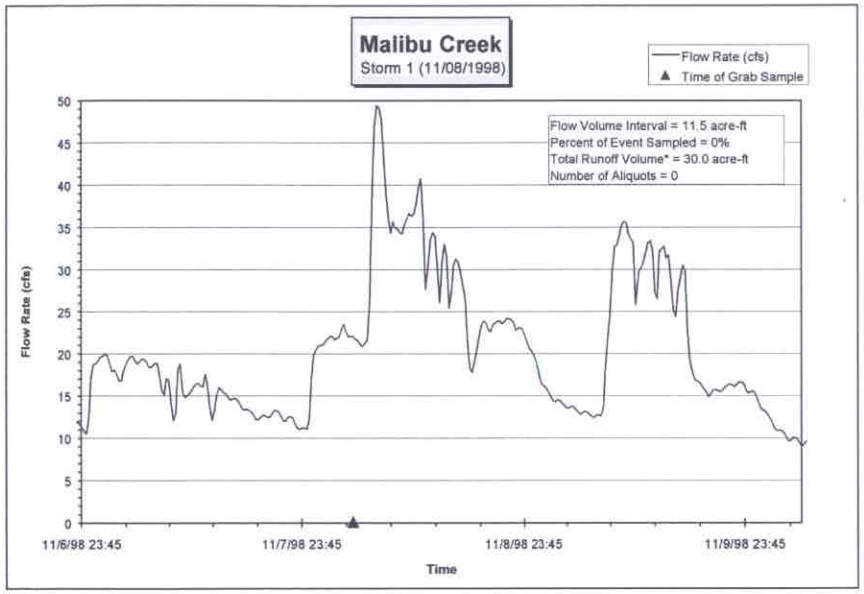

Ballona Creek
Storm 11 (03/15/1999)
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Flow Volume Interval = 20.7 acre-ft
Percent of Event Sampled = 99.6%
Total Runoff Volume* = 1215 acre-ft
Number of Aliquots = 23
Flow Rate (cfs)
5000
4500
4000
3500
3000
2500
2000
1500
1000
500
0
3/14/99 7:12
3/15/99 7:12
3/16/99 7:12
Time

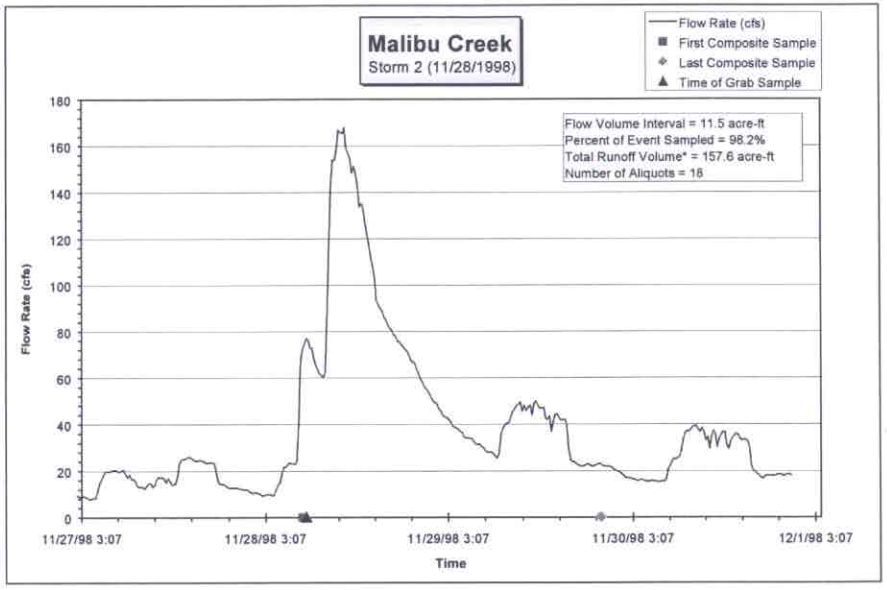

Ballona Creek
Storm 12 (03/20/1999)
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Time of Grab Sample
Flow Volume Interval = 20.7 acre-ft
Percent of Event Sampled = 98.2%
Total Runoff Volume* = 517 acre-ft
Number of Aliquots = 18
Flow Rate (cfs)
2000
1800
1600
1400
1200
1000
800
600
400
200
0
3/19/99 4:04
3/20/99 4:04
3/21/99 4:04
Time

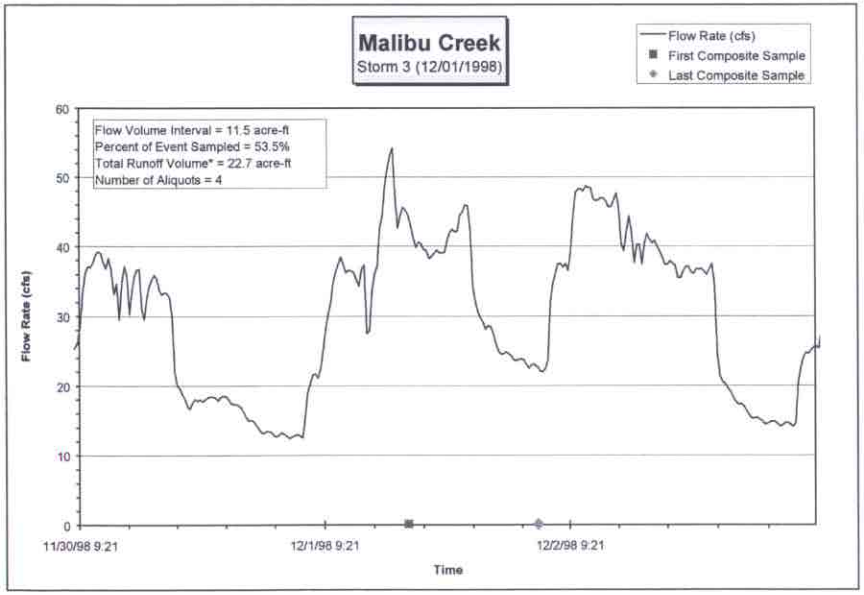

Ballona Creek
Storm 14 (04/06/1999)
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Flow Volume Interval = 20.7 acre-ft
Percent of Event Sampled = 99.1%
Total Runoff Volume* = 2136 acre-ft
Number of Aliquots = 61
Flow Rate (cfs)
4000
3500
3000
2500
2000
1500
1000
500
0
4/5/99 6:43
4/6/99 6:43
4/7/99 6:43
4/8/99 6:43
Time

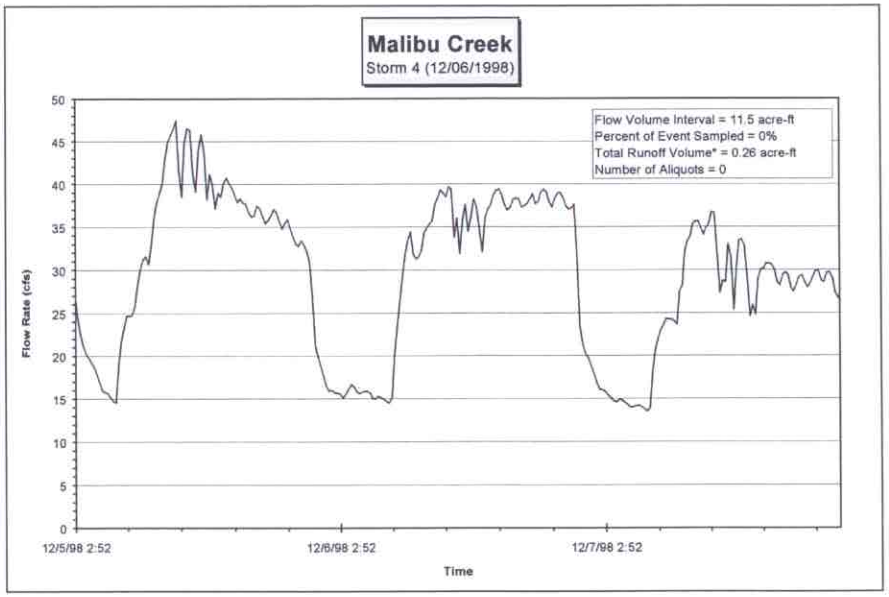

Ballona Creek
Storm 15 (04/08/1999)
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Flow Volume Interval = 20.7 acre-ft
Percent of Event Sampled = 85.6%
Total Runoff Volume* = 92.2 acre-ft
Number of Aliquots = 4
Flow Rate (cfs)
600
500
400
300
200
100
0
4/7/99 18:57
4/8/99 18:57
4/9/99 18:57
Time

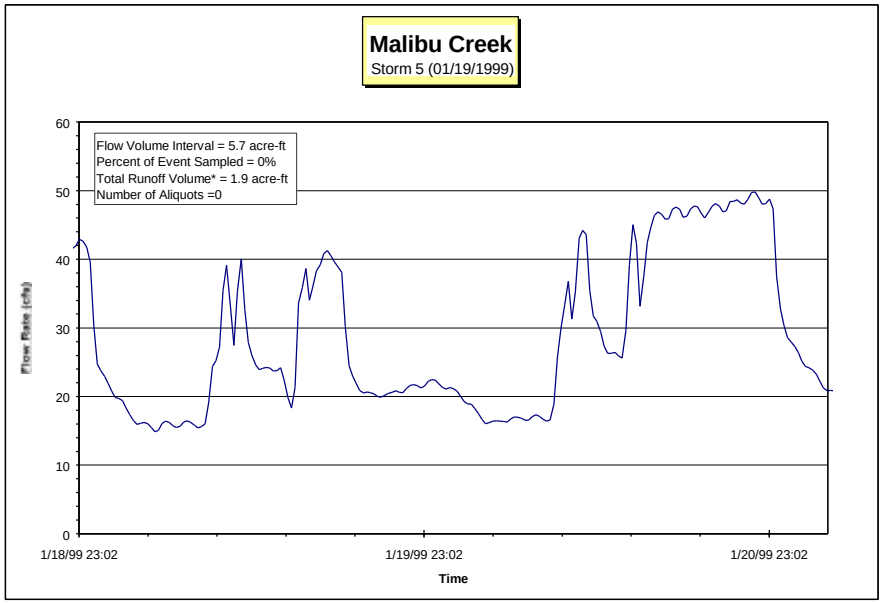

Ballona Creek
Storm 16 (04/11/1999)
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Flow Volume Interval = 20.7 acre-ft
Percent of Event Sampled = 99.4%
Total Runoff Volume* = 1543 acre-ft
Number of Aliquots = 27
6000
5000
4000
3000
2000
1000
0
Flow Rate (cfs)
4/10/99 14:24
4/11/99 14:24
4/12/99 14:24
Time

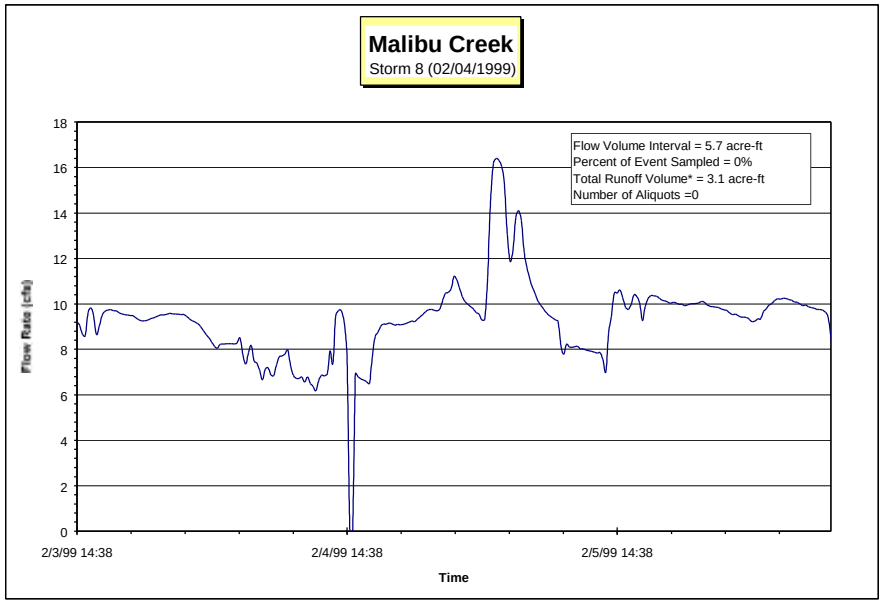

Malibu Creek
Storm 1 (11/08/1998)
Flow Rate (cfs)
Time of Grab Sample
Flow Volume Interval = 11.5 acre-ft
Percent of Event Sampled = 0%
Total Runoff Volume* = 30.0 acre-ft
Number of Aliquots = 0
Flow Rate (cfs)
0
5
10
15
20
25
30
35
40
45
50
11/6/98 23:45
11/7/98 23:45
11/8/98 23:45
11/9/98 23:45
Time

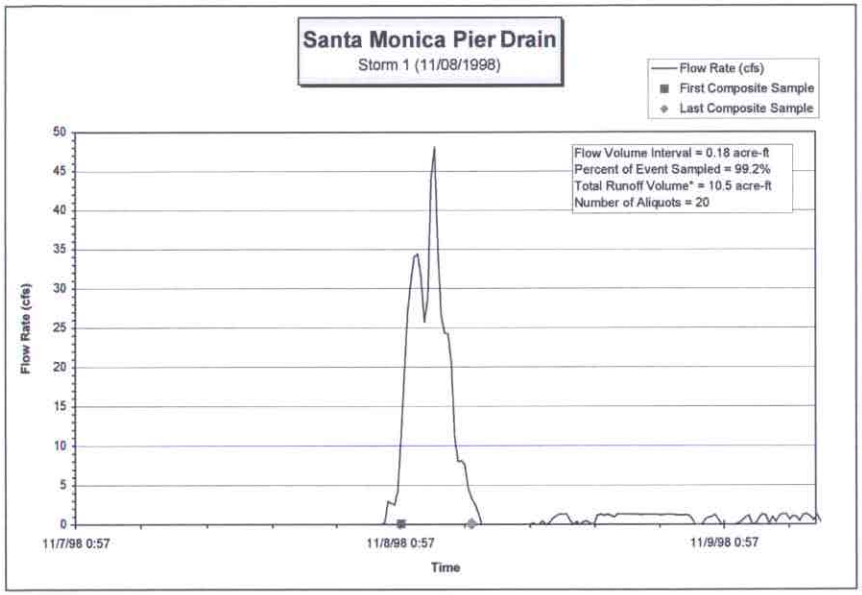

Malibu Creek
Storm 2 (11/28/1998)
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Time of Grab Sample
Flow Volume Interval = 11.5 acre-ft
Percent of Event Sampled = 98.2%
Total Runoff Volume* = 157.6 acre-ft
Number of Aliquots = 18
Flow Rate (cfs)
0
20
40
60
80
100
120
140
160
180
11/27/98 3:07
11/28/98 3:07
11/29/98 3:07
11/30/98 3:07
12/1/98 3:07
Time

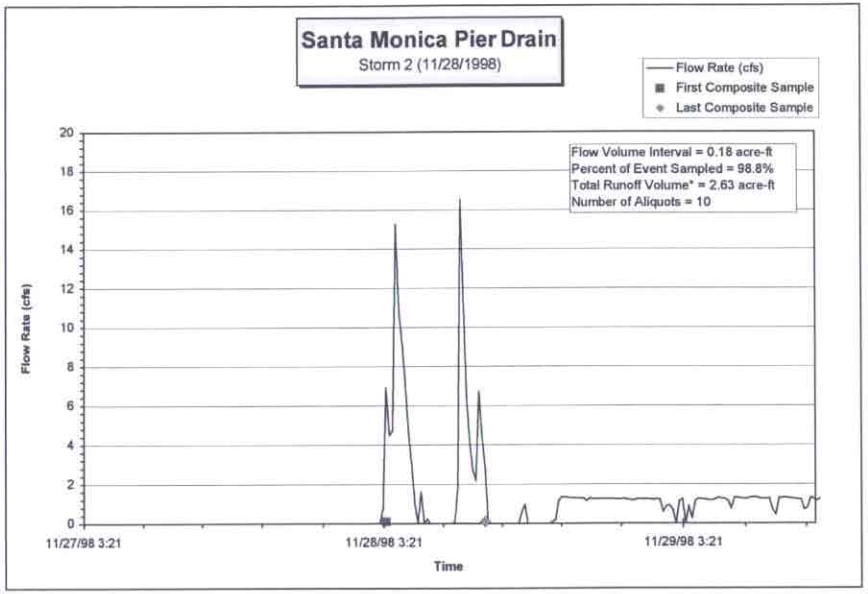

Malibu Creek
Storm 3 (12/01/1998)
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Flow Volume Interval = 11.5 acre-ft
Percent of Event Sampled = 53.5%
Total Runoff Volume* = 22.7 acre-ft
Number of Aliquots = 4
Flow Rate (cfs)
0
10
20
30
40
50
60
11/30/98 9:21
12/1/98 9:21
12/2/98 9:21
Time

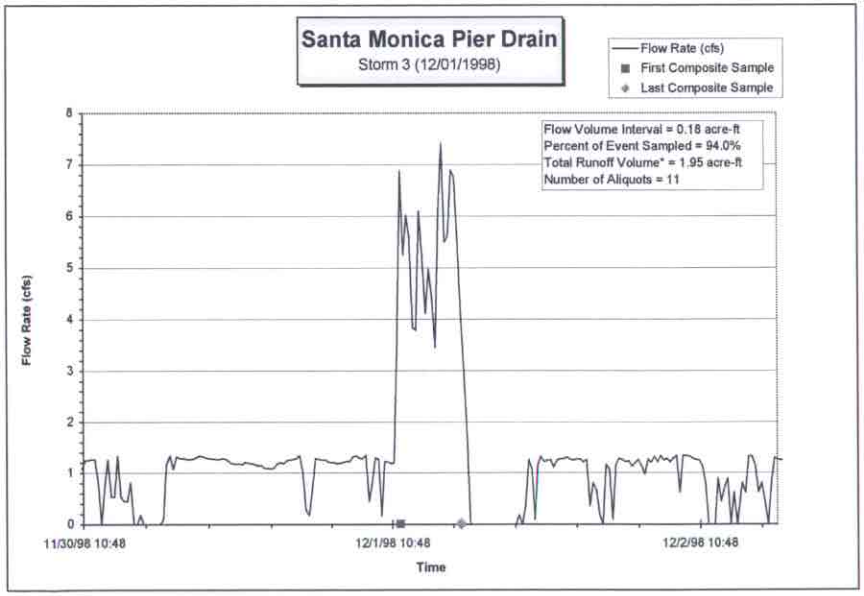

Malibu Creek
Storm 4 (12/06/1998)
Flow Volume Interval = 11.5 acre-ft
Percent of Event Sampled = 0%
Total Runoff Volume* = 0.26 acre-ft
Number of Aliquots = 0
Flow Rate (cfs)
0
5
10
15
20
25
30
35
40
45
50
12/5/98 2:52
12/6/98 2:52
12/7/98 2:52
Time

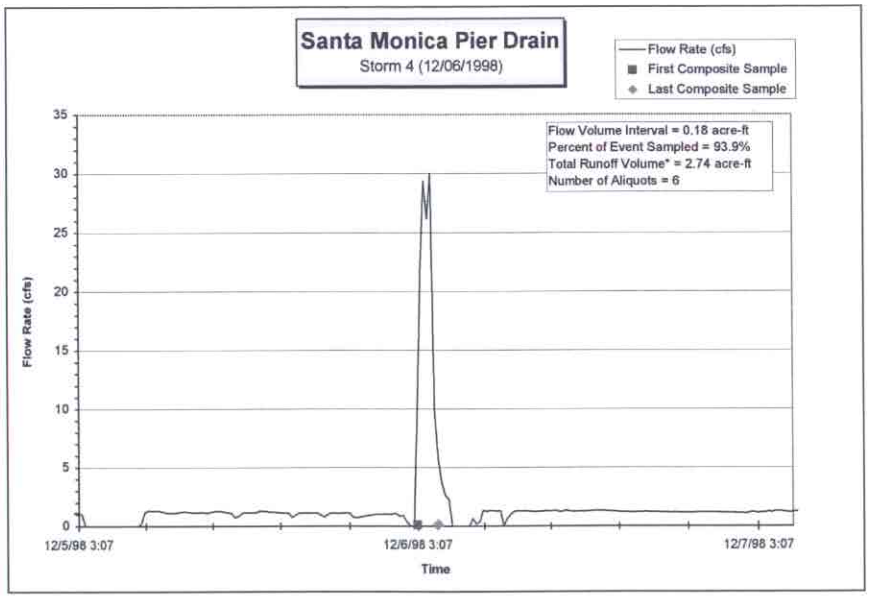

Malibu Creek
Storm 5 (01/19/1999)
Flow Volume Interval = 5.7 acre-ft
Percent of Event Sampled = 0%
Total Runoff Volume* = 1.9 acre-ft
Number of Aliquots =0
Flow Rate (cfs)
0
10
20
30
40
50
60
1/18/99 23:02
1/19/99 23:02
1/20/99 23:02
Time

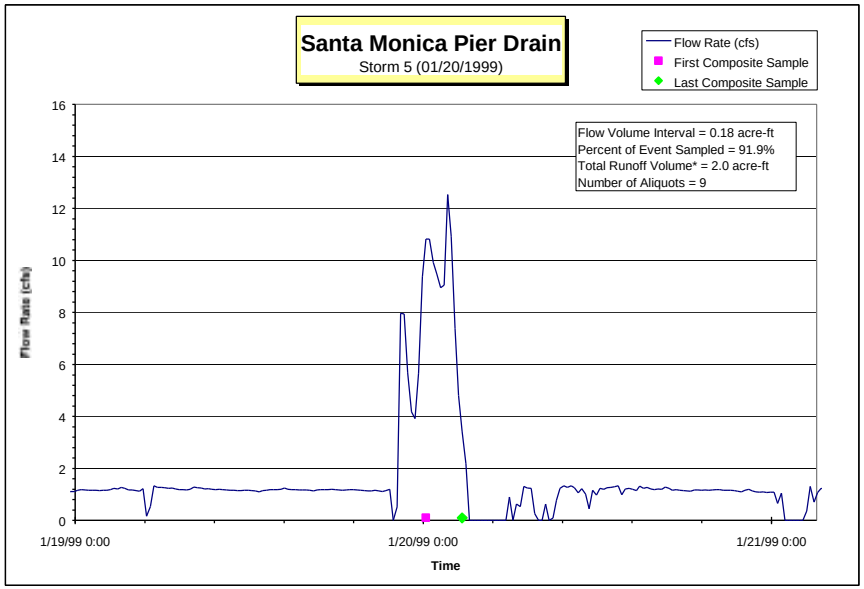

Malibu Creek
Storm 8 (02/04/1999)
Flow Volume Interval = 5.7 acre-ft
Percent of Event Sampled = 0%
Total Runoff Volume* = 3.1 acre-ft
Number of Aliquots =0
Flow Rate (cfs)
0
2
4
6
8
10
12
14
16
18
2/3/99 14:38
2/4/99 14:38
2/5/99 14:38
Time

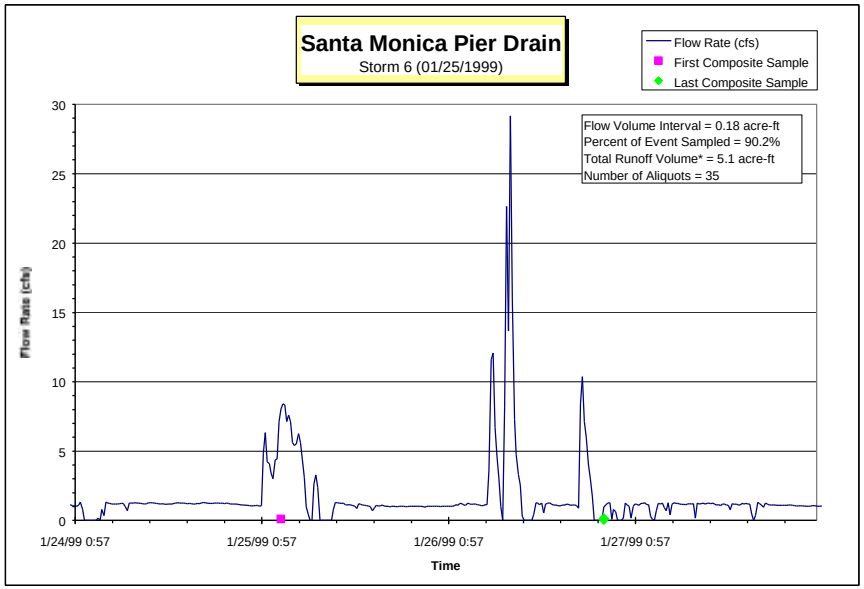

Santa Monica Pier Drain
Storm 1 (11/08/1998)
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Flow Volume Interval = 0.18 acre-ft
Percent of Event Sampled = 99.2%
Total Runoff Volume* = 10.5 acre-ft
Number of Aliquots = 20
Flow Rate (cfs)
0
5
10
15
20
25
30
35
40
45
50
11/7/98 0:57
11/8/98 0:57
11/9/98 0:57
Time

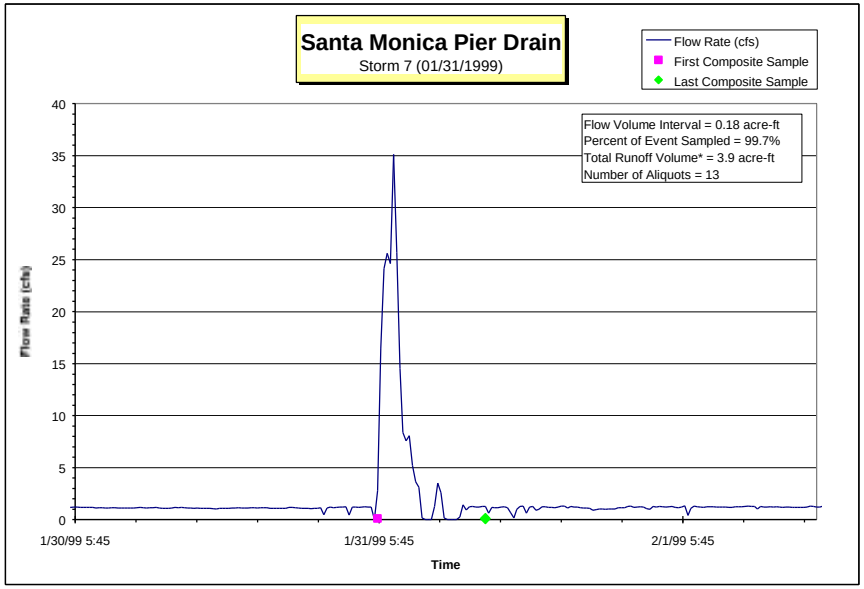

Santa Monica Pier Drain
Storm 2 (11/28/1998)
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Flow Volume Interval = 0.18 acre-ft
Percent of Event Sampled = 98.8%
Total Runoff Volume* = 2.63 acre-ft
Number of Aliquots = 10
Flow Rate (cfs)
0
2
4
6
8
10
12
14
16
18
20
11/27/98 3:21
11/28/98 3:21
11/29/98 3:21
Time

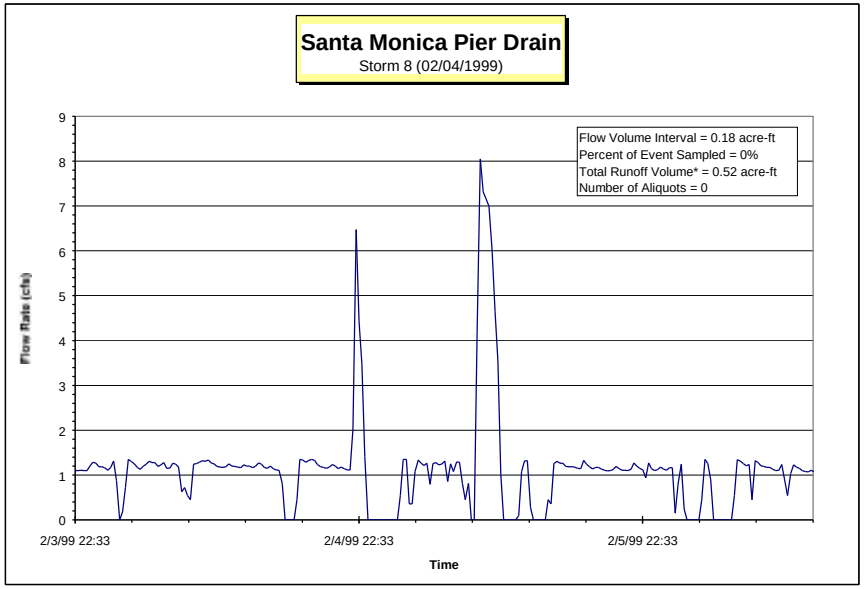

Santa Monica Pier Drain
Storm 3 (12/01/1998)
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Flow Volume Interval = 0.18 acre-ft
Percent of Event Sampled = 94.0%
Total Runoff Volume* = 1.95 acre-ft
Number of Aliquots = 11
Flow Rate (cfs)
0
1
2
3
4
5
6
7
8
11/30/98 10:48
12/1/98 10:48
12/2/98 10:48
Time

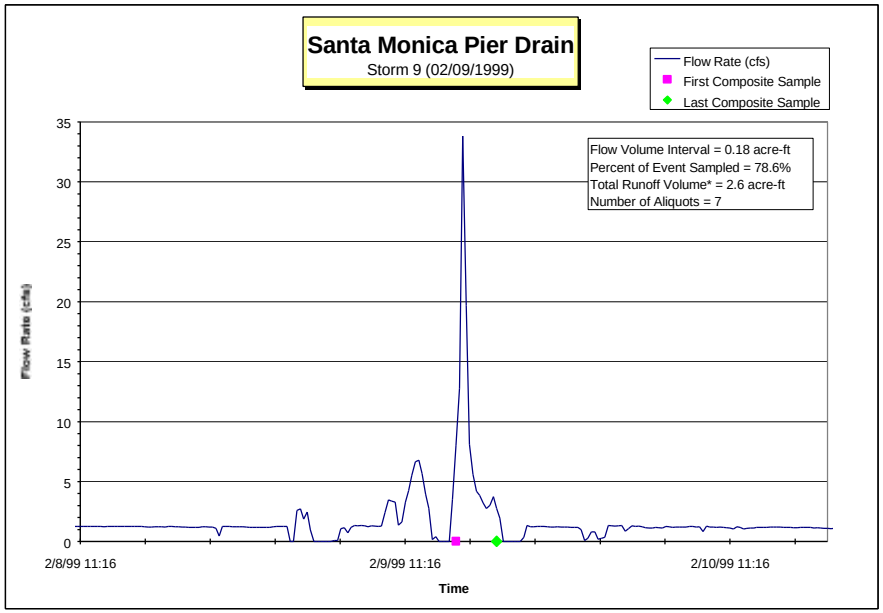

Santa Monica Pier Drain
Storm 4 (12/06/1998)
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Flow Volume Interval = 0.18 acre-ft
Percent of Event Sampled = 93.9%
Total Runoff Volume* = 2.74 acre-ft
Number of Aliquots = 6
Flow Rate (cfs)
0
5
10
15
20
25
30
35
12/5/98 3:07
12/6/98 3:07
12/7/98 3:07
Time

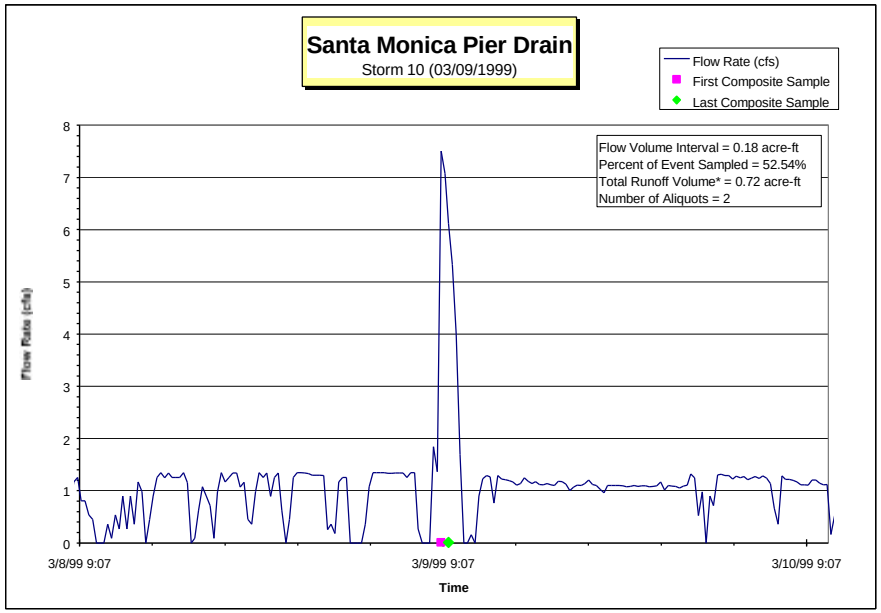

Santa Monica Pier Drain
Storm 5 (01/20/1999)
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Flow Volume Interval = 0.18 acre-ft
Percent of Event Sampled = 91.9%
Total Runoff Volume* = 2.0 acre-ft
Number of Aliquots = 9
Flow Rate (cfs)
0
2
4
6
8
10
12
14
16
1/19/99 0:00
1/20/99 0:00
1/21/99 0:00
Time

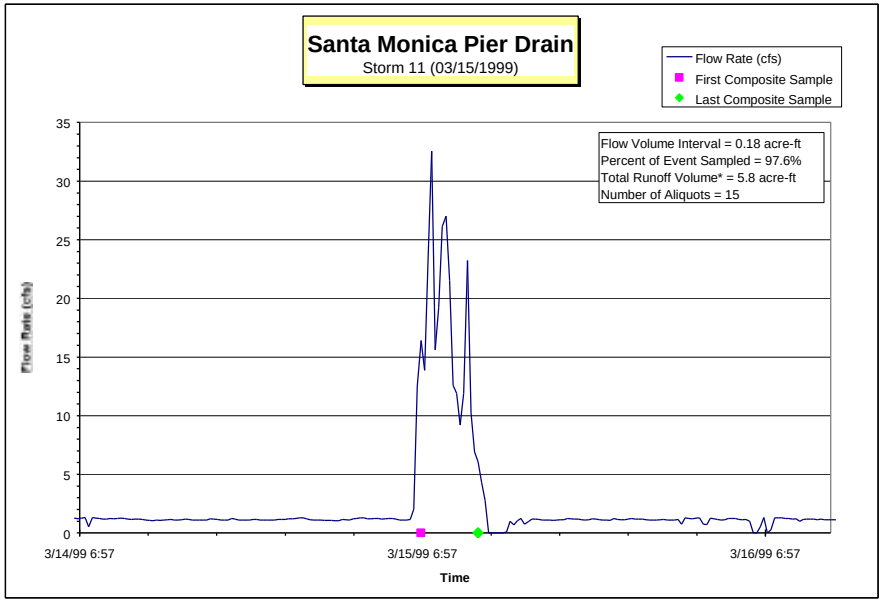

Santa Monica Pier Drain
Storm 6 (01/25/1999)
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Flow Volume Interval = 0.18 acre-ft
Percent of Event Sampled = 90.2%
Total Runoff Volume* = 5.1 acre-ft
Number of Aliquots = 35
Flow Rate (cfs)
0
5
10
15
20
25
30
1/24/99 0:57
1/25/99 0:57
1/26/99 0:57
1/27/99 0:57
Time

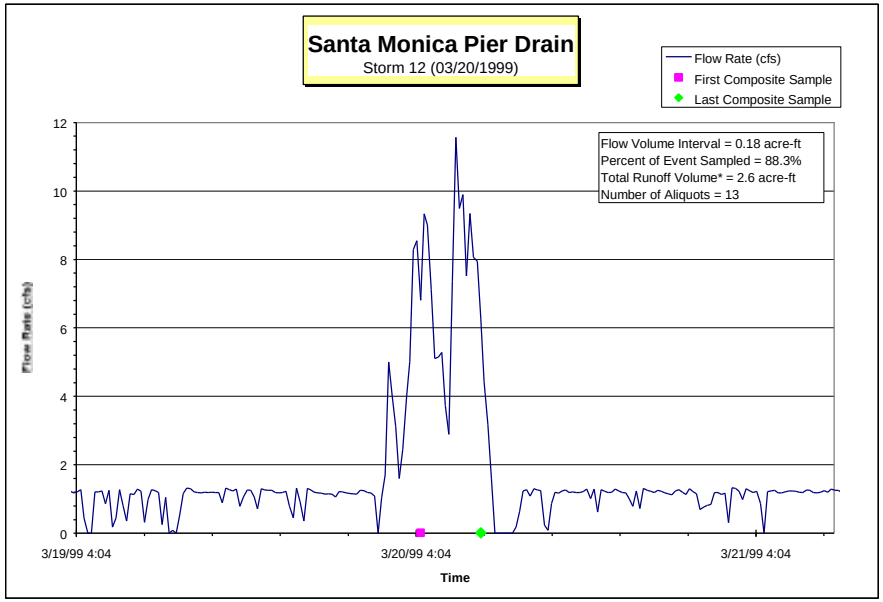

Santa Monica Pier Drain
Storm 7 (01/31/1999)
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Flow Volume Interval = 0.18 acre-ft
Percent of Event Sampled = 99.7%
Total Runoff Volume* = 3.9 acre-ft
Number of Aliquots = 13
Flow Rate (cfs)
0
5
10
15
20
25
30
35
40
1/30/99 5:45
1/31/99 5:45
2/1/99 5:45
Time

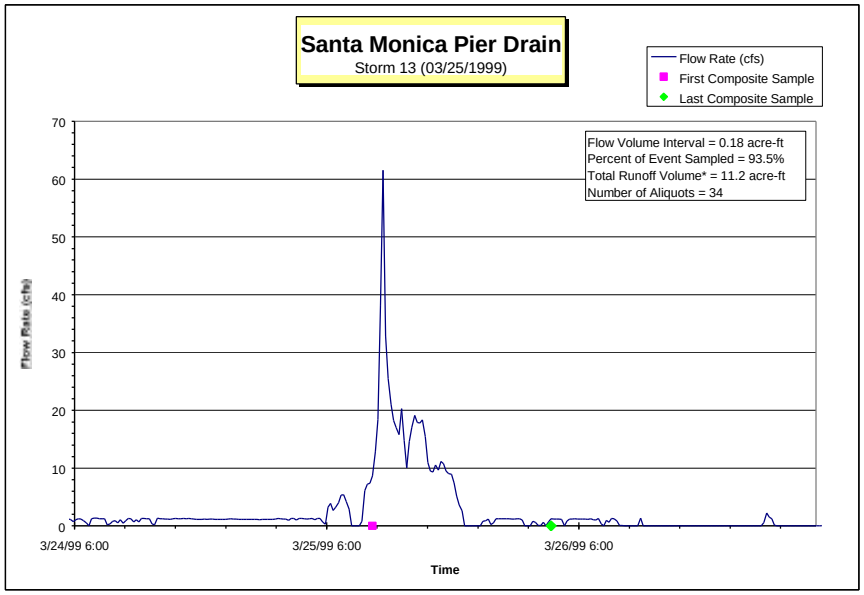

Santa Monica Pier Drain
Storm 8 (02/04/1999)
Flow Volume Interval = 0.18 acre-ft
Percent of Event Sampled = 0%
Total Runoff Volume* = 0.52 acre-ft
Number of Aliquots = 0
Flow Rate (cfs)
0
1
2
3
4
5
6
7
8
9
2/3/99 22:33
2/4/99 22:33
2/5/99 22:33
Time

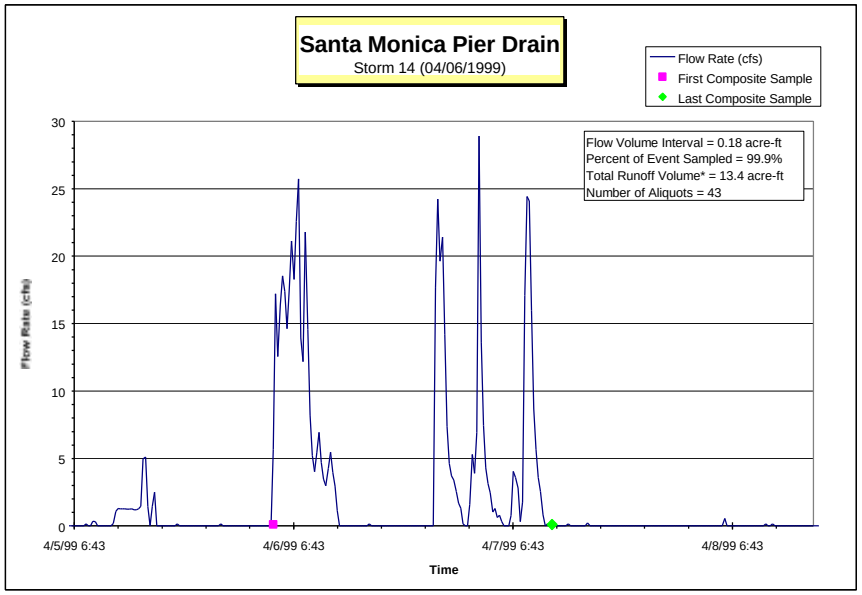

Santa Monica Pier Drain
Storm 9 (02/09/1999)
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Flow Volume Interval = 0.18 acre-ft
Percent of Event Sampled = 78.6%
Total Runoff Volume* = 2.6 acre-ft
Number of Aliquots = 7
Flow Rate (cfs)
0
5
10
15
20
25
30
35
2/8/99 11:16
2/9/99 11:16
2/10/99 11:16
Time

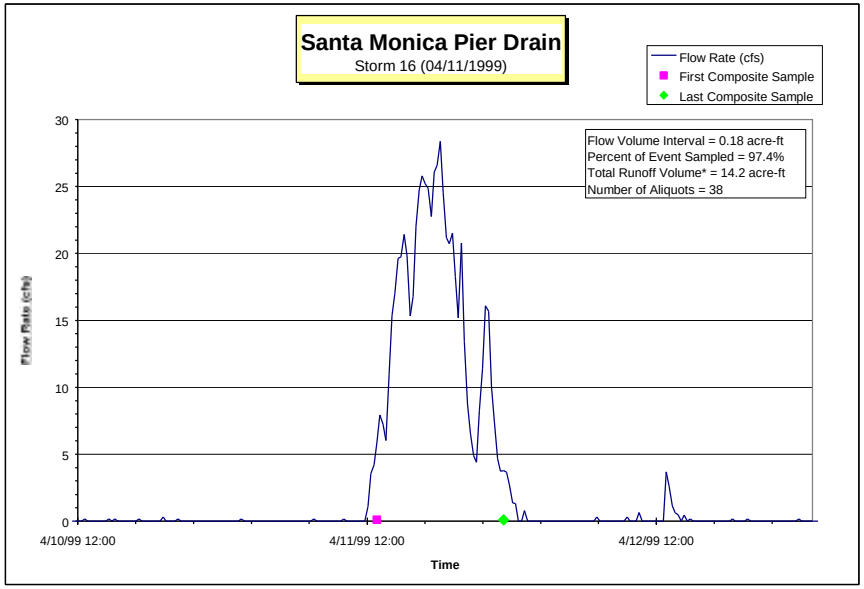

Santa Monica Pier Drain
Storm 10 (03/09/1999)
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Flow Volume Interval = 0.18 acre-ft
Percent of Event Sampled = 52.54%
Total Runoff Volume* = 0.72 acre-ft
Number of Aliquots = 2
Flow Rate (cfs)
0
1
2
3
4
5
6
7
8
3/8/99 9:07
3/9/99 9:07
3/10/99 9:07
Time

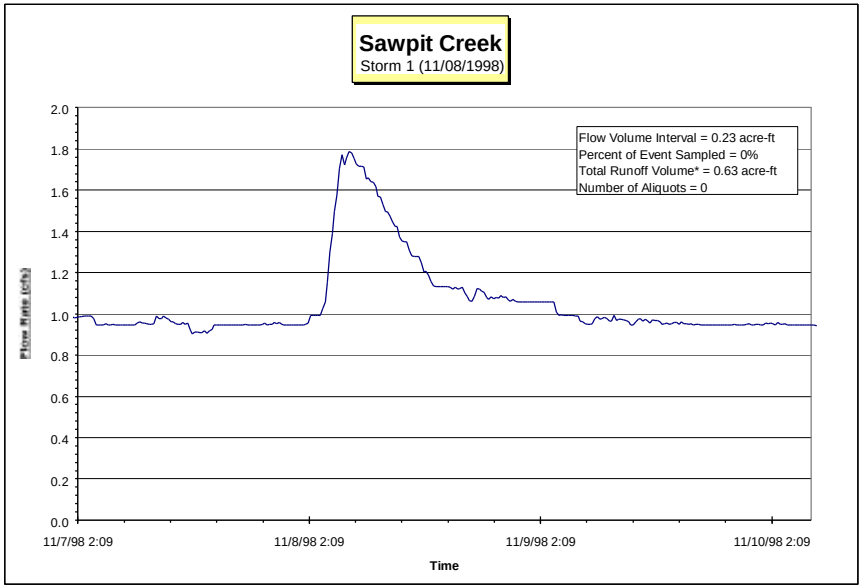

Santa Monica Pier Drain
Storm 11 (03/15/1999)
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Flow Volume Interval = 0.18 acre-ft
Percent of Event Sampled = 97.6%
Total Runoff Volume* = 5.8 acre-ft
Number of Aliquots = 15
Flow Rate (cfs)
0
5
10
15
20
25
30
35
3/14/99 6:57
3/15/99 6:57
3/16/99 6:57
Time

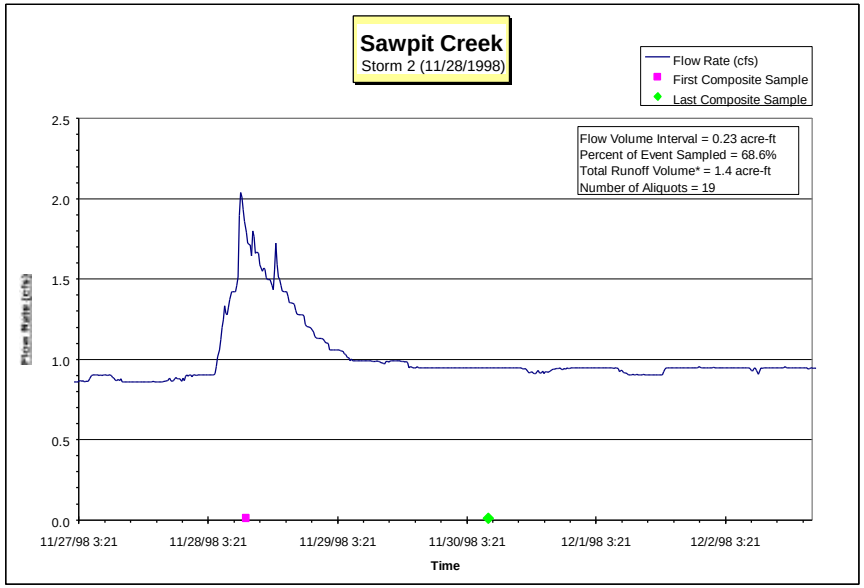

Santa Monica Pier Drain
Storm 12 (03/20/1999)
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Flow Volume Interval = 0.18 acre-ft
Percent of Event Sampled = 88.3%
Total Runoff Volume* = 2.6 acre-ft
Number of Aliquots = 13
Flow Rate (cfs)
0
2
4
6
8
10
12
3/19/99 4:04
3/20/99 4:04
3/21/99 4:04
Time

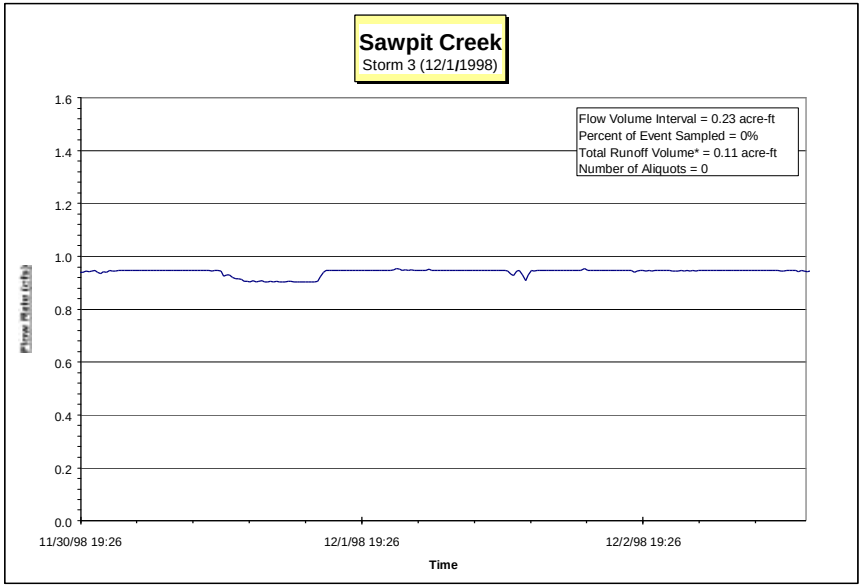

Santa Monica Pier Drain
Storm 13 (03/25/1999)
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Flow Volume Interval = 0.18 acre-ft
Percent of Event Sampled = 93.5%
Total Runoff Volume* = 11.2 acre-ft
Number of Aliquots = 34
Flow Rate (cfs)
0
10
20
30
40
50
60
70
3/24/99 6:00
3/25/99 6:00
3/26/99 6:00
Time

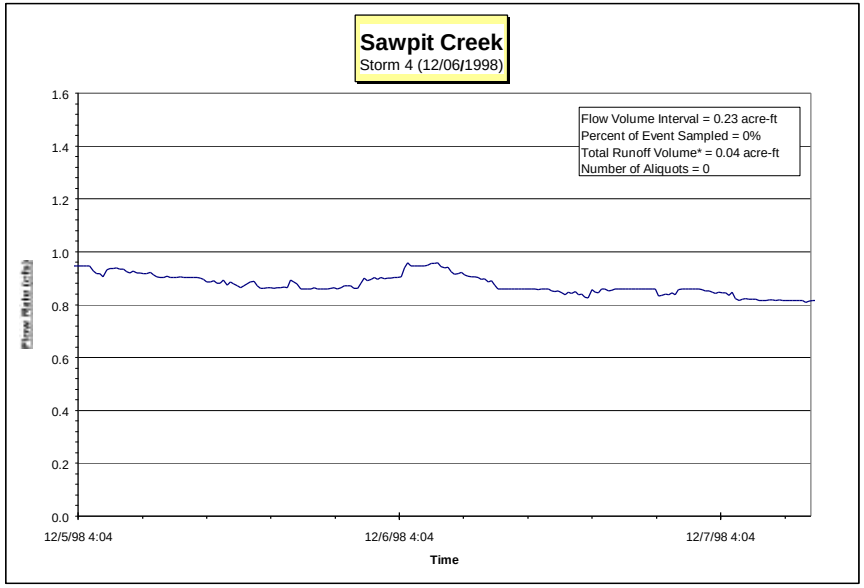

Santa Monica Pier Drain
Storm 14 (04/06/1999)
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Flow Volume Interval = 0.18 acre-ft
Percent of Event Sampled = 99.9%
Total Runoff Volume* = 13.4 acre-ft
Number of Aliquots = 43
Flow Rate (cfs)
0
5
10
15
20
25
30
4/5/99 6:43
4/6/99 6:43
4/7/99 6:43
4/8/99 6:43
Time

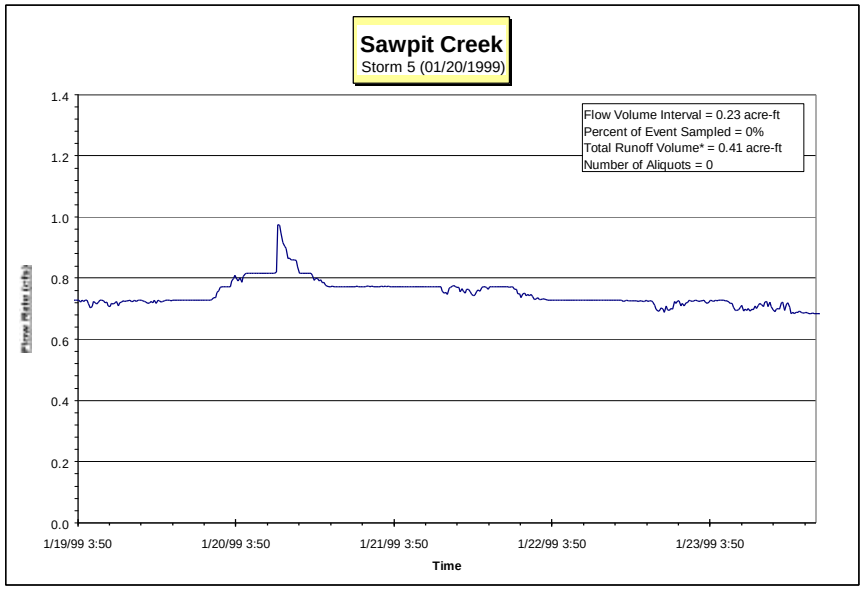

Santa Monica Pier Drain
Storm 16 (04/11/1999)
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Flow Volume Interval = 0.18 acre-ft
Percent of Event Sampled = 97.4%
Total Runoff Volume* = 14.2 acre-ft
Number of Aliquots = 38
Flow Rate (cfs)
0
5
10
15
20
25
30
4/10/99 12:00
4/11/99 12:00
4/12/99 12:00
Time

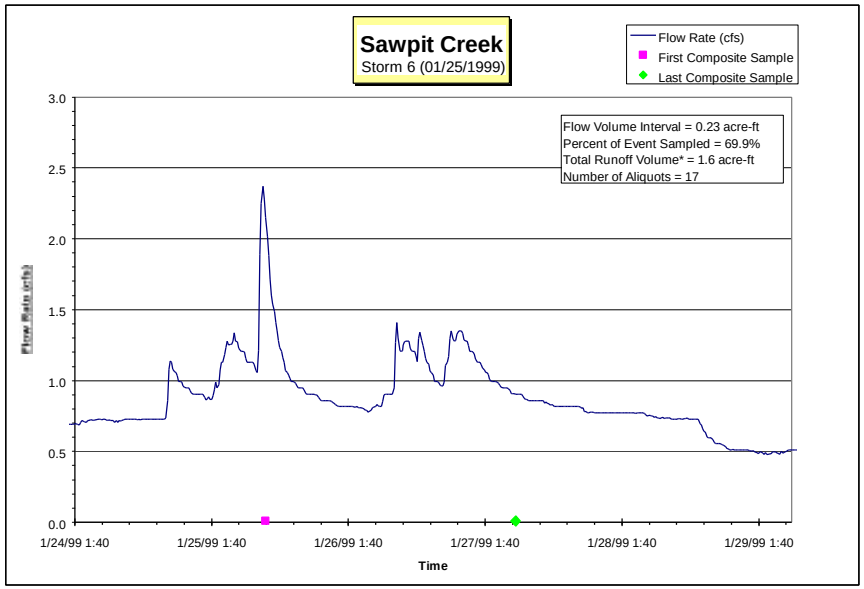

Sawpit Creek
Storm 1 (11/08/1998)
Flow Volume Interval = 0.23 acre-ft
Percent of Event Sampled = 0%
Total Runoff Volume* = 0.63 acre-ft
Number of Aliquots = 0
Flow Rate (cfs)
2.0
1.8
1.6
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
11/7/98 2:09
11/8/98 2:09
11/9/98 2:09
11/10/98 2:09
Time

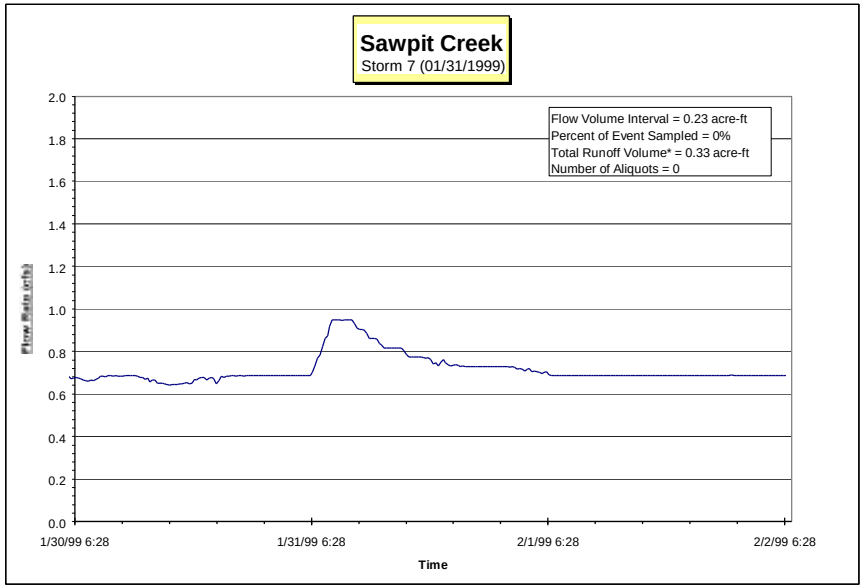

Sawpit Creek
Storm 2 (11/28/1998)
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Flow Volume Interval = 0.23 acre-ft
Percent of Event Sampled = 68.6%
Total Runoff Volume* = 1.4 acre-ft
Number of Aliquots = 19
Flow Rate (cfs)
2.5
2.0
1.5
1.0
0.5
0.0
11/27/98 3:21
11/28/98 3:21
11/29/98 3:21
11/30/98 3:21
12/1/98 3:21
12/2/98 3:21
Time

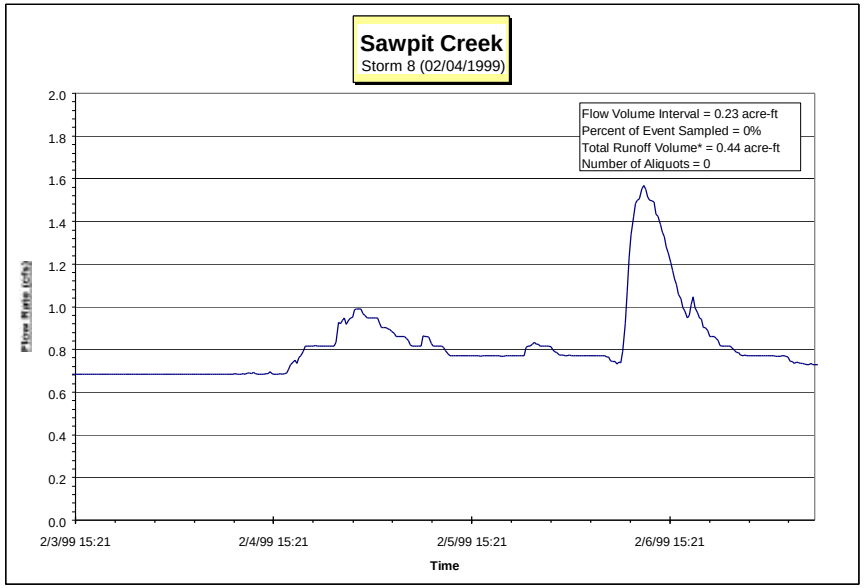

Sawpit Creek
Storm 3 (12/1/1998)
Flow Volume Interval = 0.23 acre-ft
Percent of Event Sampled = 0%
Total Runoff Volume* = 0.11 acre-ft
Number of Aliquots = 0
Flow Rate (cfs)
1.6
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
11/30/98 19:26
12/1/98 19:26
12/2/98 19:26
Time

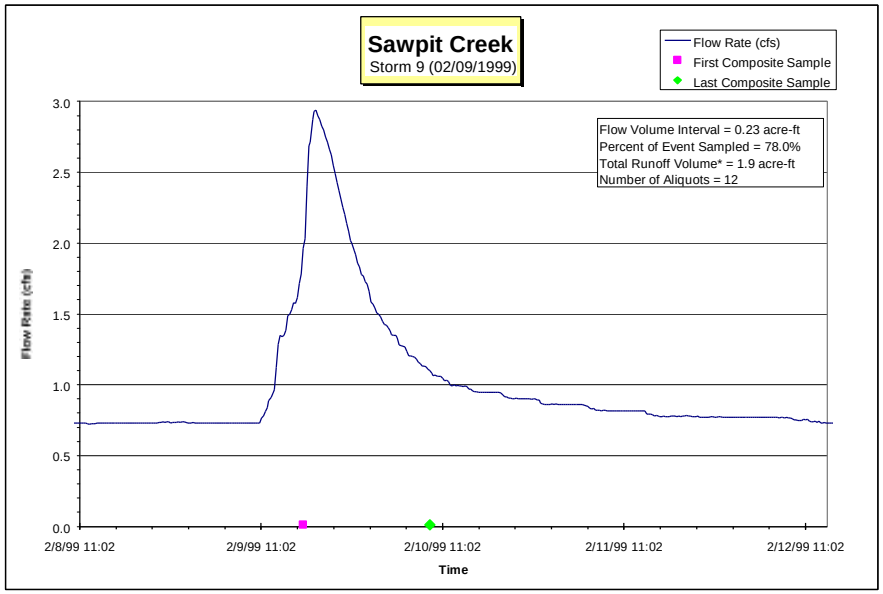

Sawpit Creek
Storm 4 (12/06/1998)
Flow Volume Interval = 0.23 acre-ft
Percent of Event Sampled = 0%
Total Runoff Volume* = 0.04 acre-ft
Number of Aliquots = 0
Flow Rate (cfs)
1.6
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
12/5/98 4:04
12/6/98 4:04
12/7/98 4:04
Time

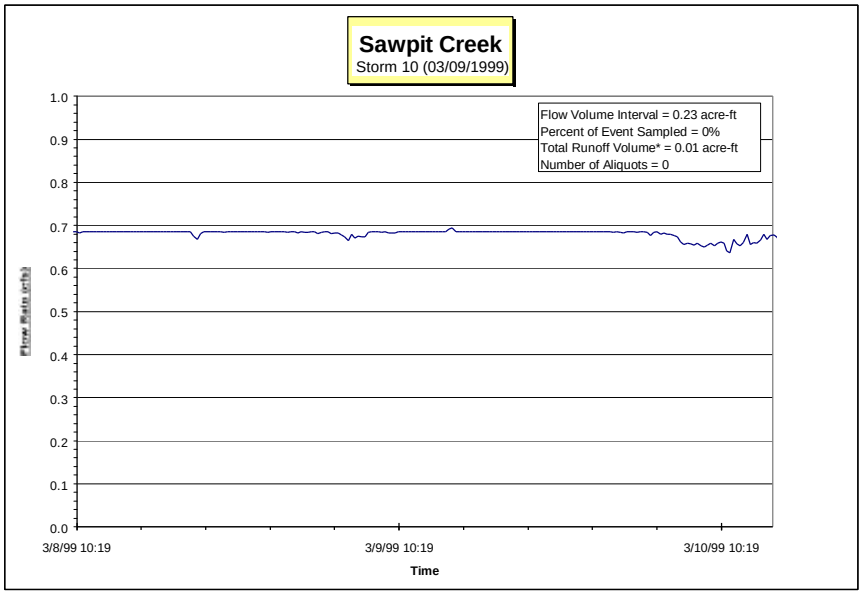

Sawpit Creek
Storm 5 (01/20/1999)
Flow Volume Interval = 0.23 acre-ft
Percent of Event Sampled = 0%
Total Runoff Volume* = 0.41 acre-ft
Number of Aliquots = 0
Flow Rate (cfs)
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
1/19/99 3:50
1/20/99 3:50
1/21/99 3:50
1/22/99 3:50
1/23/99 3:50
Time

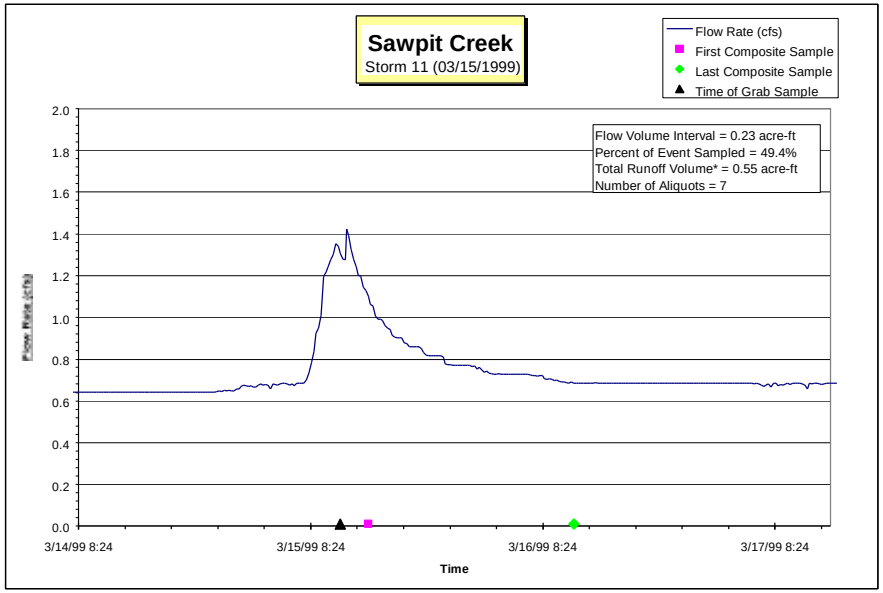

Sawpit Creek
Storm 6 (01/25/1999)
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Flow Volume Interval = 0.23 acre-ft
Percent of Event Sampled = 69.9%
Total Runoff Volume* = 1.6 acre-ft
Number of Aliquots = 17
Flow Rate (cfs)
3.0
2.5
2.0
1.5
1.0
0.5
0.0
1/24/99 1:40
1/25/99 1:40
1/26/99 1:40
1/27/99 1:40
1/28/99 1:40
1/29/99 1:40
Time

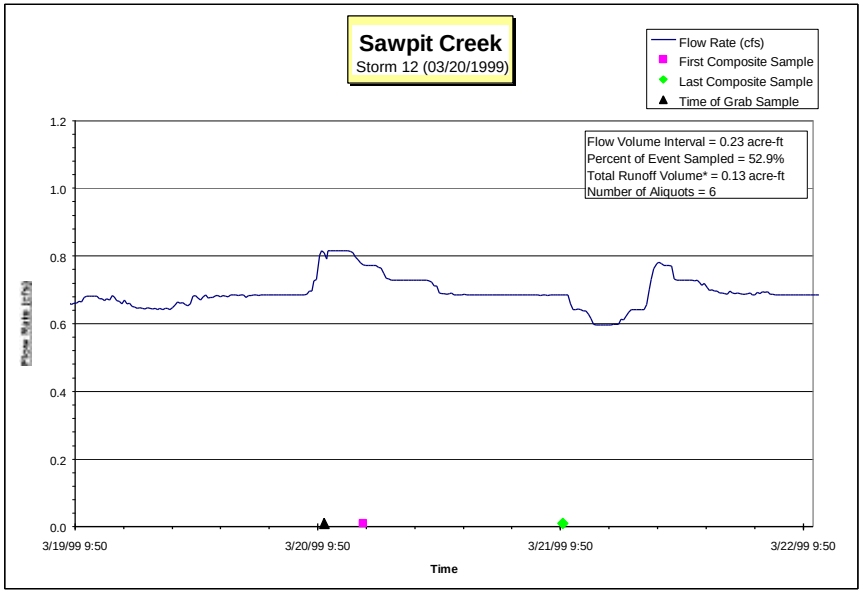

Sawpit Creek
Storm 7 (01/31/1999)
Flow Volume Interval = 0.23 acre-ft
Percent of Event Sampled = 0%
Total Runoff Volume* = 0.33 acre-ft
Number of Aliquots = 0
Flow Rate (cfs)
2.0
1.8
1.6
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
1/30/99 6:28
1/31/99 6:28
2/1/99 6:28
2/2/99 6:28
Time

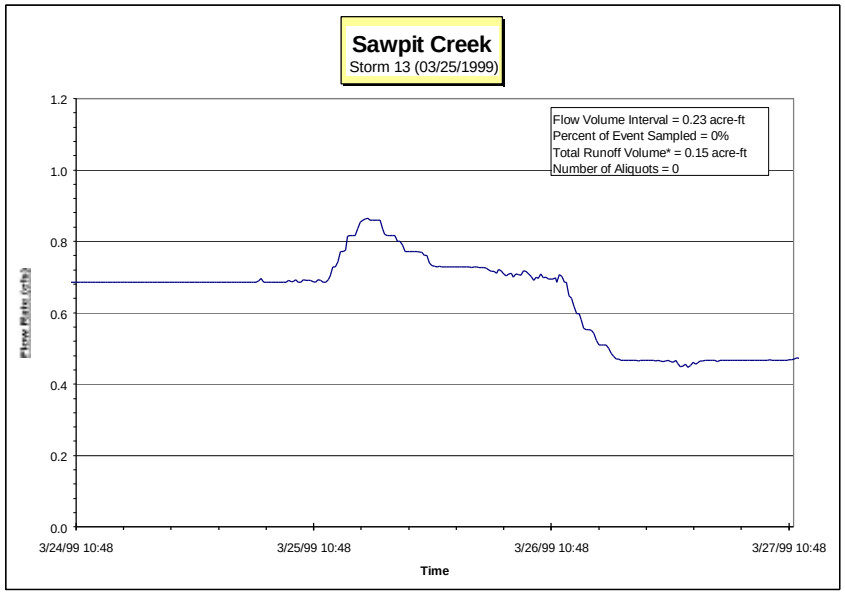

Sawpit Creek
Storm 8 (02/04/1999)
Flow Volume Interval = 0.23 acre-ft
Percent of Event Sampled = 0%
Total Runoff Volume* = 0.44 acre-ft
Number of Aliquots = 0
Flow Rate (cfs)
2.0
1.8
1.6
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
2/3/99 15:21
2/4/99 15:21
2/5/99 15:21
2/6/99 15:21
Time

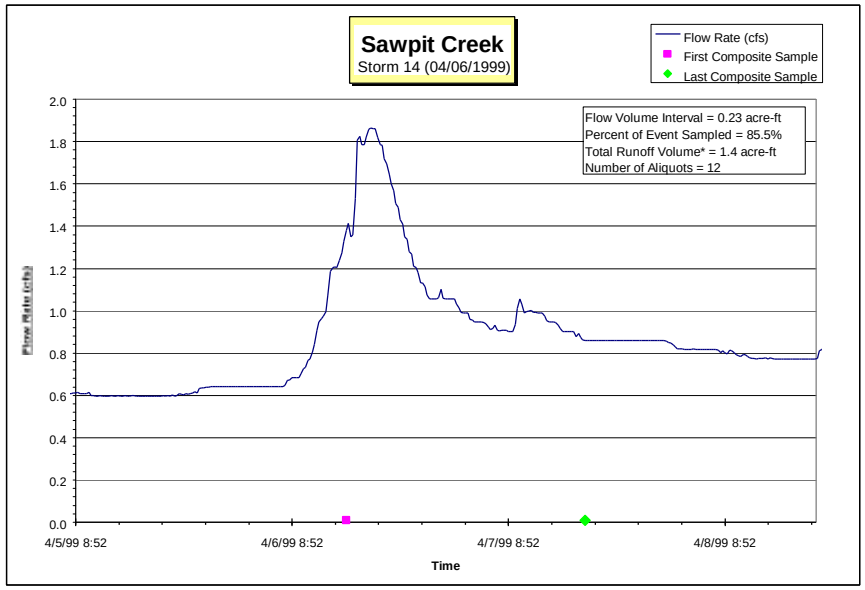

Sawpit Creek
Storm 9 (02/09/1999)
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Flow Volume Interval = 0.23 acre-ft
Percent of Event Sampled = 78.0%
Total Runoff Volume* = 1.9 acre-ft
Number of Aliquots = 12
Flow Rate (cfs)
3.0
2.5
2.0
1.5
1.0
0.5
0.0
2/8/99 11:02
2/9/99 11:02
2/10/99 11:02
2/11/99 11:02
2/12/99 11:02
Time

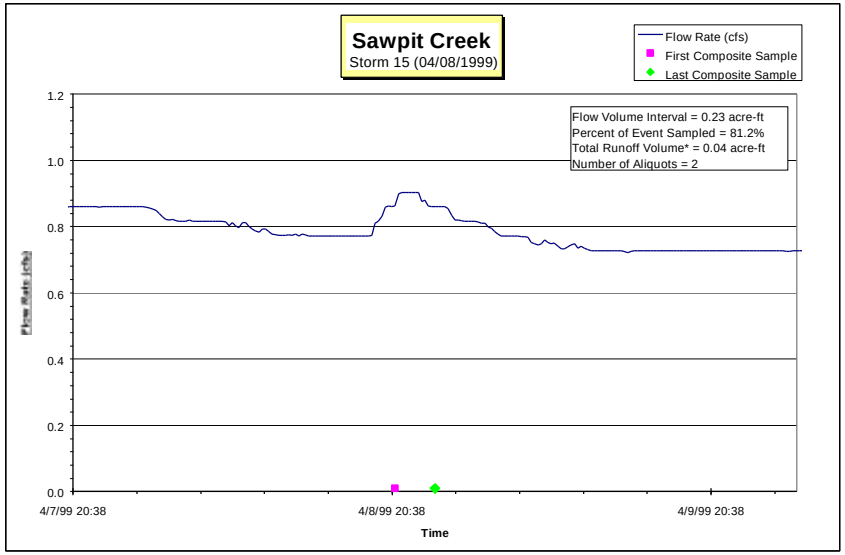

Sawpit Creek
Storm 10 (03/09/1999)
Flow Volume Interval = 0.23 acre-ft
Percent of Event Sampled = 0%
Total Runoff Volume* = 0.01 acre-ft
Number of Aliquots = 0
Flow Rate (cfs)
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
3/8/99 10:19
3/9/99 10:19
3/10/99 10:19
Time

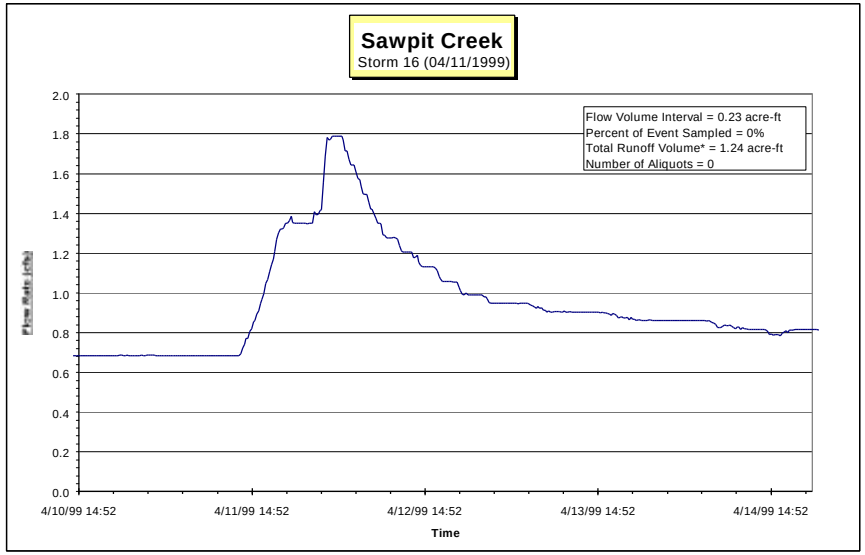

Sawpit Creek
Storm 11 (03/15/1999)
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Time of Grab Sample
Flow Volume Interval = 0.23 acre-ft
Percent of Event Sampled = 49.4%
Total Runoff Volume* = 0.55 acre-ft
Number of Aliquots = 7
Flow Rate (cfs)
2.0
1.8
1.6
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
3/14/99 8:24
3/15/99 8:24
3/16/99 8:24
3/17/99 8:24
Time

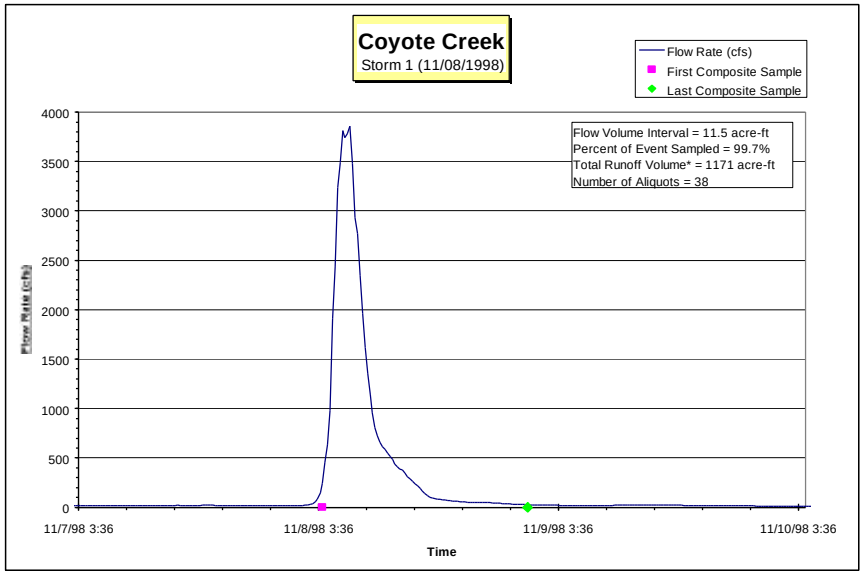

Sawpit Creek
Storm 12 (03/20/1999)
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Time of Grab Sample
Flow Volume Interval = 0.23 acre-ft
Percent of Event Sampled = 52.9%
Total Runoff Volume* = 0.13 acre-ft
Number of Aliquots = 6
Flow Rate (cfs)
1.2
1.0
0.8
0.6
0.4
0.2
0.0
3/19/99 9:50
3/20/99 9:50
3/21/99 9:50
3/22/99 9:50
Time

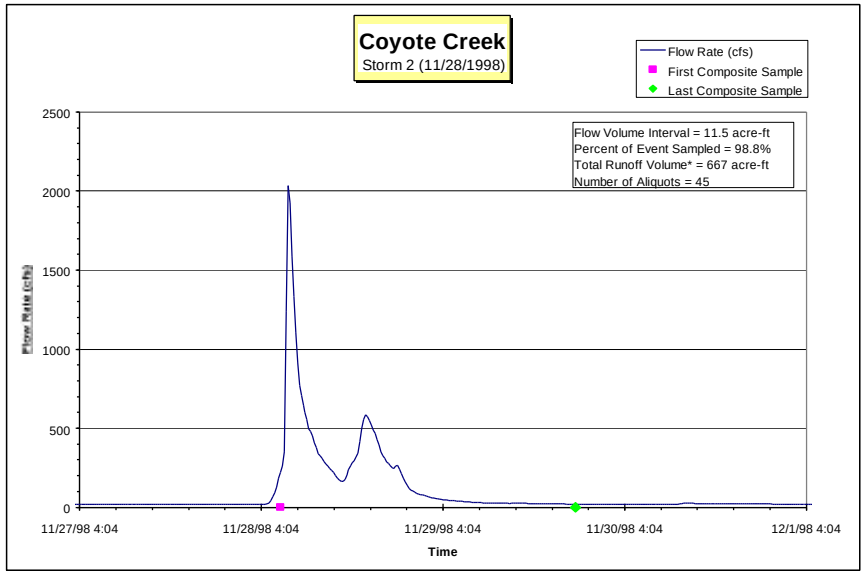

Sawpit Creek
Storm 13 (03/25/1999)
Flow Volume Interval = 0.23 acre-ft
Percent of Event Sampled = 0%
Total Runoff Volume* = 0.15 acre-ft
Number of Aliquots = 0
Flow Rate (cfs)
1.2
1.0
0.8
0.6
0.4
0.2
0.0
3/24/99 10:48
3/25/99 10:48
3/26/99 10:48
3/27/99 10:48
Time

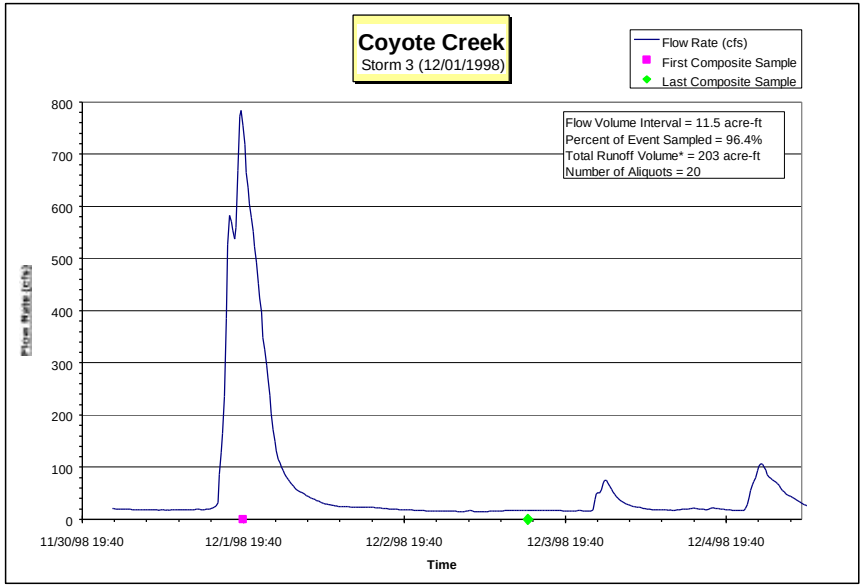

Sawpit Creek
Storm 14 (04/06/1999)
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Flow Volume Interval = 0.23 acre-ft
Percent of Event Sampled = 85.5%
Total Runoff Volume* = 1.4 acre-ft
Number of Aliquots = 12
Flow Rate (cfs)
2.0
1.8
1.6
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
4/5/99 8:52
4/6/99 8:52
4/7/99 8:52
4/8/99 8:52
Time

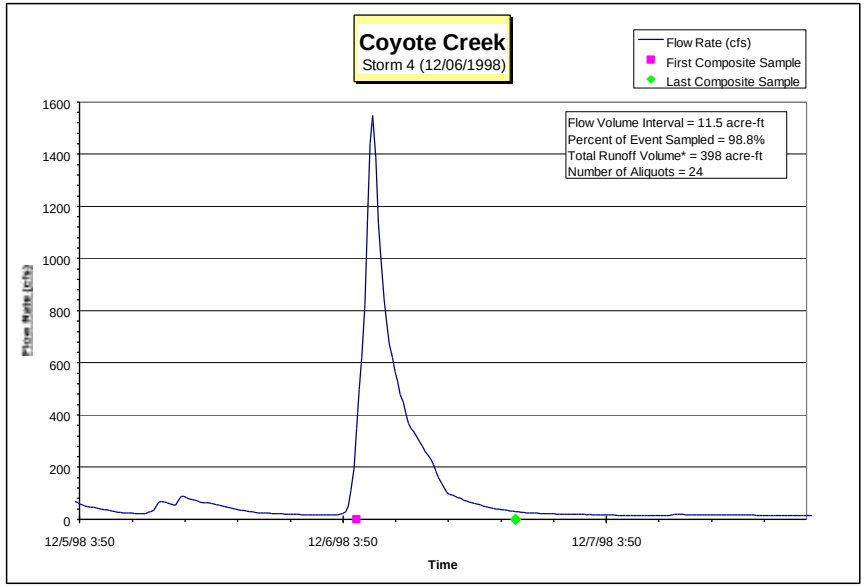

Sawpit Creek
Storm 15 (04/08/1999)
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Flow Volume Interval = 0.23 acre-ft
Percent of Event Sampled = 81.2%
Total Runoff Volume* = 0.04 acre-ft
Number of Aliquots = 2
Flow Rate (cfs)
1.2
1.0
0.8
0.6
0.4
0.2
0.0
4/7/99 20:38
4/8/99 20:38
4/9/99 20:38
Time

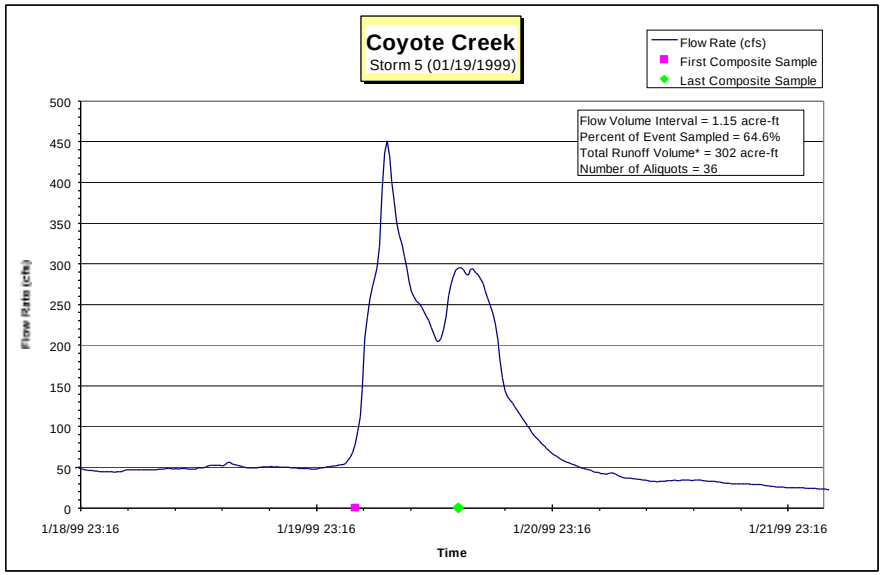

Sawpit Creek
Storm 16 (04/11/1999)
Flow Volume Interval = 0.23 acre-ft
Percent of Event Sampled = 0%
Total Runoff Volume* = 1.24 acre-ft
Number of Aliquots = 0
Flow Rate (cfs)
2.0
1.8
1.6
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
4/10/99 14:52
4/11/99 14:52
4/12/99 14:52
4/13/99 14:52
4/14/99 14:52
Time

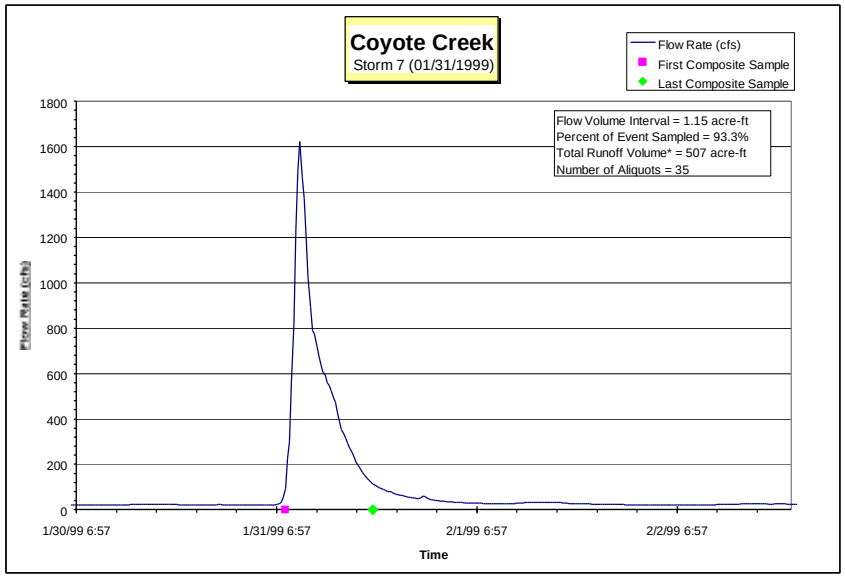

Coyote Creek
Storm 1 (11/08/1998)
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Flow Volume Interval = 11.5 acre-ft
Percent of Event Sampled = 99.7%
Total Runoff Volume* = 1171 acre-ft
Number of Aliquots = 38
Flow Rate (cfs)
4000
3500
3000
2500
2000
1500
1000
500
0
11/7/98 3:36
11/8/98 3:36
11/9/98 3:36
11/10/98 3:36
Time

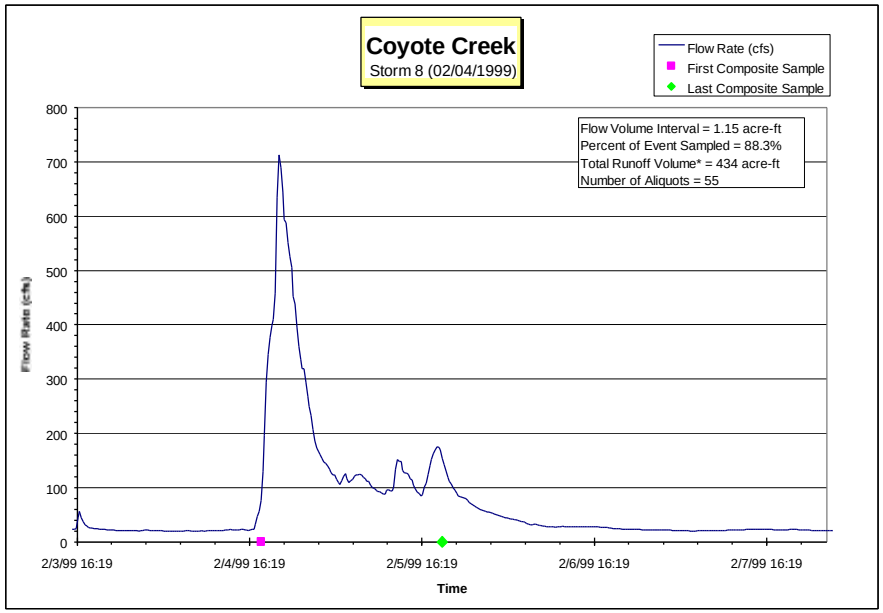

Coyote Creek
Storm 2 (11/28/1998)
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Flow Volume Interval = 11.5 acre-ft
Percent of Event Sampled = 98.8%
Total Runoff Volume* = 667 acre-ft
Number of Aliquots = 45
Flow Rate (cfs)
2500
2000
1500
1000
500
0
11/27/98 4:04
11/28/98 4:04
11/29/98 4:04
11/30/98 4:04
12/1/98 4:04
Time

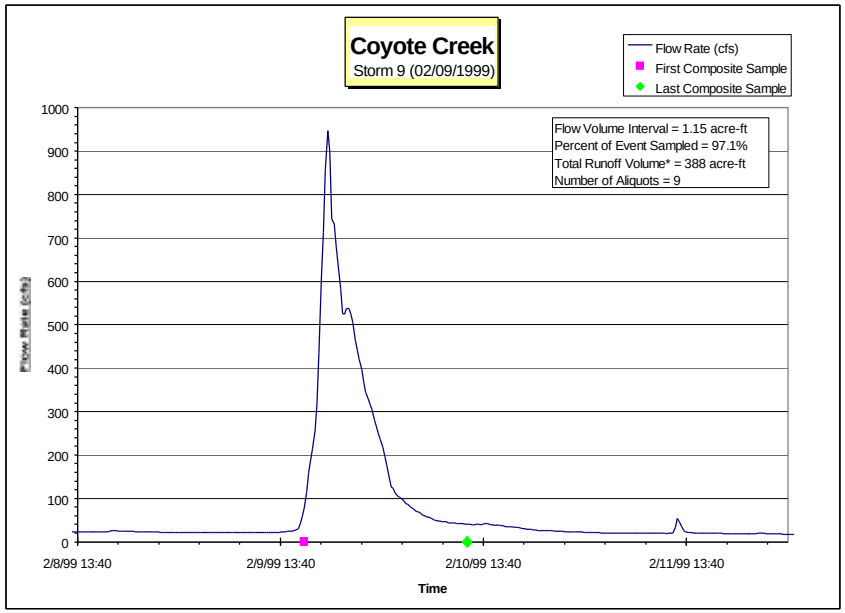

Coyote Creek
Storm 3 (12/01/1998)
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Flow Volume Interval = 11.5 acre-ft
Percent of Event Sampled = 96.4%
Total Runoff Volume* = 203 acre-ft
Number of Aliquots = 20
Flow Rate (cfs)
800
700
600
500
400
300
200
100
0
11/30/98 19:40
12/1/98 19:40
12/2/98 19:40
12/3/98 19:40
12/4/98 19:40
Time

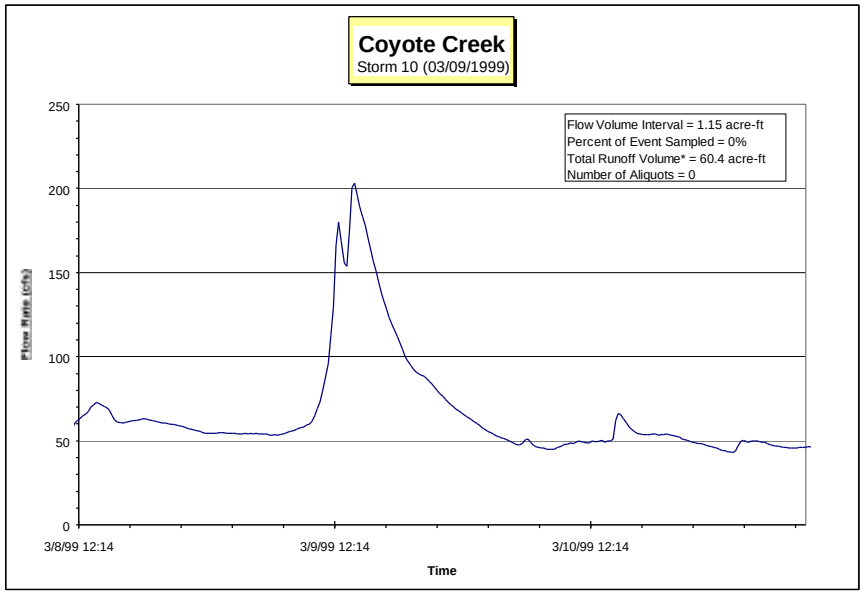

Coyote Creek
Storm 4 (12/06/1998)
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Flow Volume Interval = 11.5 acre-ft
Percent of Event Sampled = 98.8%
Total Runoff Volume* = 398 acre-ft
Number of Aliquots = 24
Flow Rate (cfs)
1600
1400
1200
1000
800
600
400
200
0
12/5/98 3:50
12/6/98 3:50
12/7/98 3:50
Time

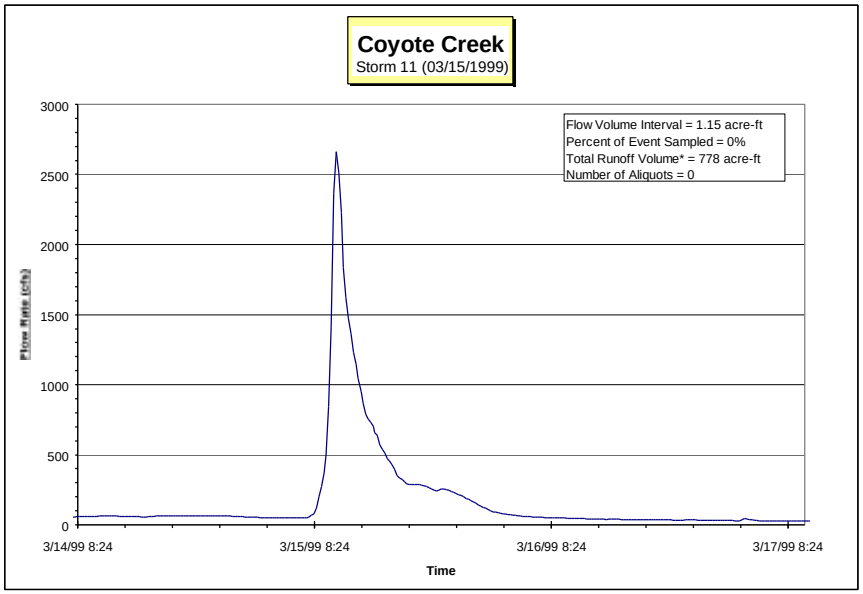

Coyote Creek
Storm 5 (01/19/1999)
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Flow Volume Interval = 1.15 acre-ft
Percent of Event Sampled = 64.6%
Total Runoff Volume* = 302 acre-ft
Number of Aliquots = 36
Flow Rate (cfs)
500
450
400
350
300
250
200
150
100
50
0
1/18/99 23:16
1/19/99 23:16
1/20/99 23:16
1/21/99 23:16
Time

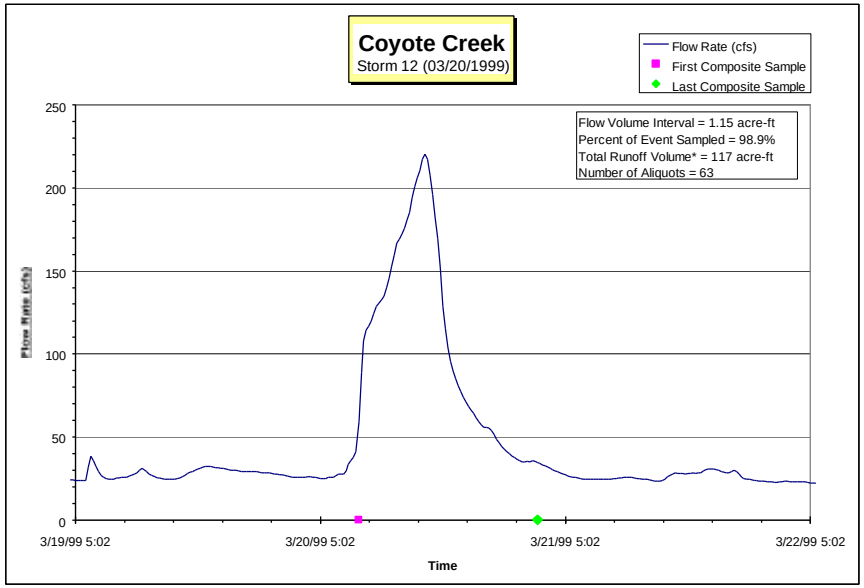

Coyote Creek
Storm 7 (01/31/1999)
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Flow Volume Interval = 1.15 acre-ft
Percent of Event Sampled = 93.3%
Total Runoff Volume* = 507 acre-ft
Number of Aliquots = 35
Flow Rate (cfs)
1800
1600
1400
1200
1000
800
600
400
200
0
1/30/99 6:57
1/31/99 6:57
2/1/99 6:57
2/2/99 6:57
Time

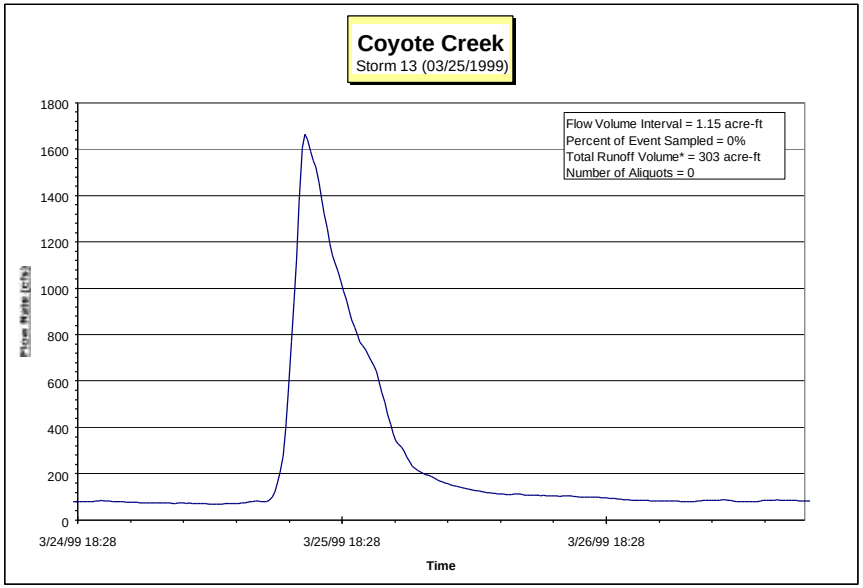

Coyote Creek
Storm 8 (02/04/1999)
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Flow Volume Interval = 1.15 acre-ft
Percent of Event Sampled = 88.3%
Total Runoff Volume* = 434 acre-ft
Number of Aliquots = 55
Flow Rate (cfs)
800
700
600
500
400
300
200
100
0
2/3/99 16:19
2/4/99 16:19
2/5/99 16:19
2/6/99 16:19
2/7/99 16:19
Time

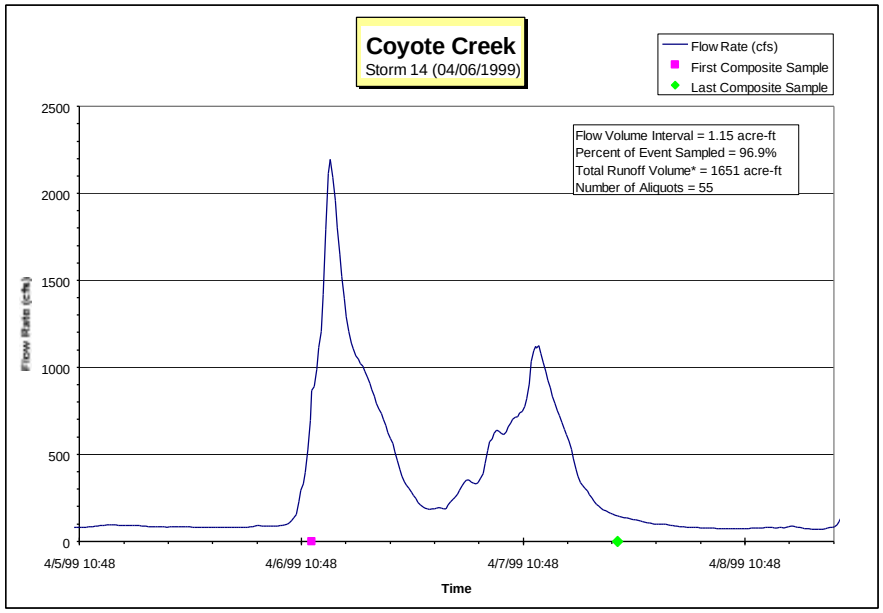

Coyote Creek
Storm 9 (02/09/1999)
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Flow Volume Interval = 1.15 acre-ft
Percent of Event Sampled = 97.1%
Total Runoff Volume* = 388 acre-ft
Number of Aliquots = 9
Flow Rate (cfs)
1000
900
800
700
600
500
400
300
200
100
0
2/8/99 13:40
2/9/99 13:40
2/10/99 13:40
2/11/99 13:40
Time

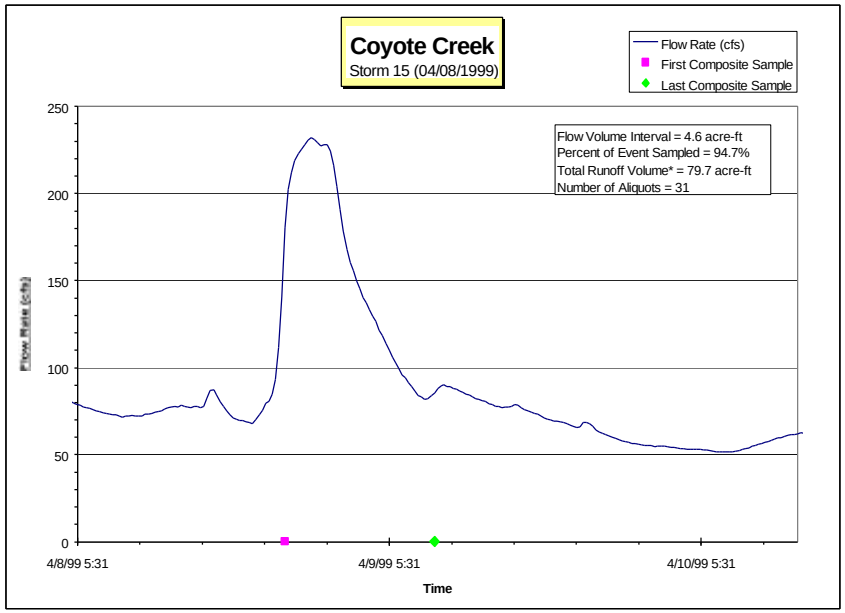

Coyote Creek
Storm 10 (03/09/1999)
Flow Volume Interval = 1.15 acre-ft
Percent of Event Sampled = 0%
Total Runoff Volume* = 60.4 acre-ft
Number of Aliquots = 0
Flow Rate (cfs)
250
200
150
100
50
0
3/8/99 12:14
3/9/99 12:14
3/10/99 12:14
Time

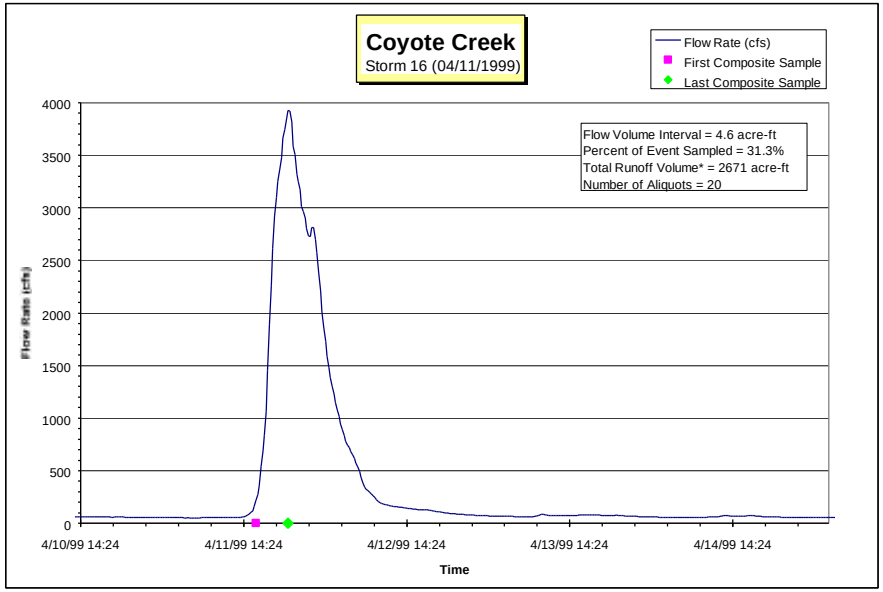

Coyote Creek
Storm 11 (03/15/1999)
Flow Volume Interval = 1.15 acre-ft
Percent of Event Sampled = 0%
Total Runoff Volume* = 778 acre-ft
Number of Aliquots = 0
Flow Rate (cfs)
3000
2500
2000
1500
1000
500
0
3/14/99 8:24
3/15/99 8:24
3/16/99 8:24
3/17/99 8:24
Time

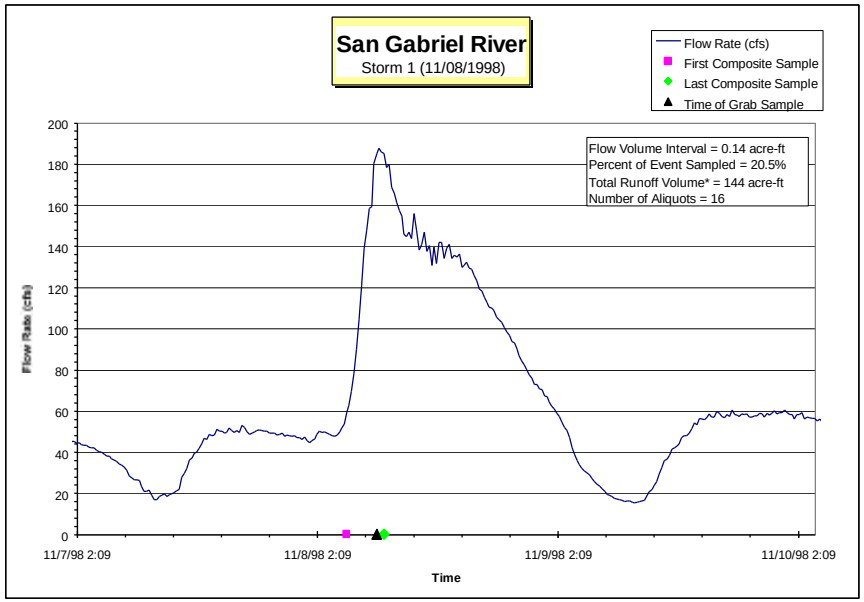

Coyote Creek
Storm 12 (03/20/1999)
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Flow Volume Interval = 1.15 acre-ft
Percent of Event Sampled = 98.9%
Total Runoff Volume* = 117 acre-ft
Number of Aliquots = 63
Flow Rate (cfs)
250
200
150
100
50
0
3/19/99 5:02
3/20/99 5:02
3/21/99 5:02
3/22/99 5:02
Time

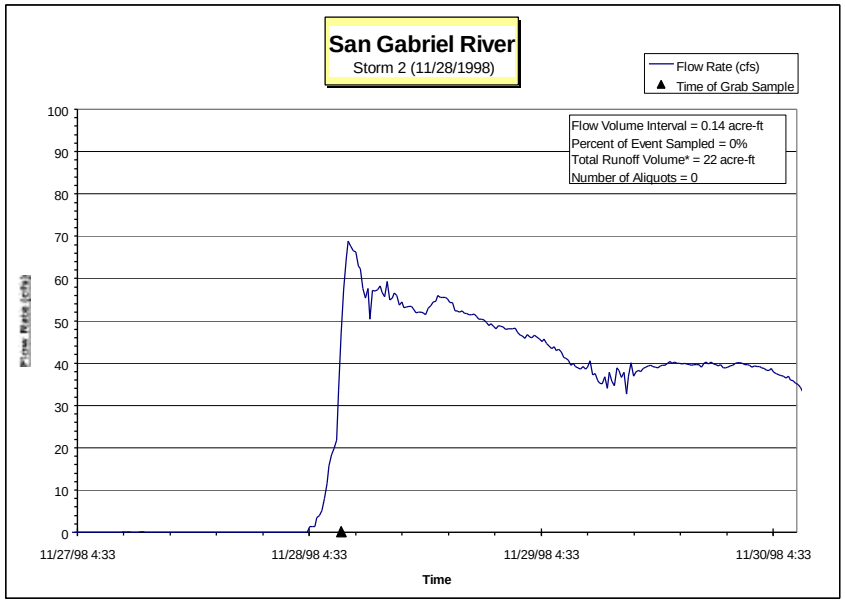

Coyote Creek
Storm 13 (03/25/1999)
Flow Volume Interval = 1.15 acre-ft
Percent of Event Sampled = 0%
Total Runoff Volume* = 303 acre-ft
Number of Aliquots = 0
Flow Rate (cfs)
1800
1600
1400
1200
1000
800
600
400
200
0
3/24/99 18:28
3/25/99 18:28
3/26/99 18:28
Time

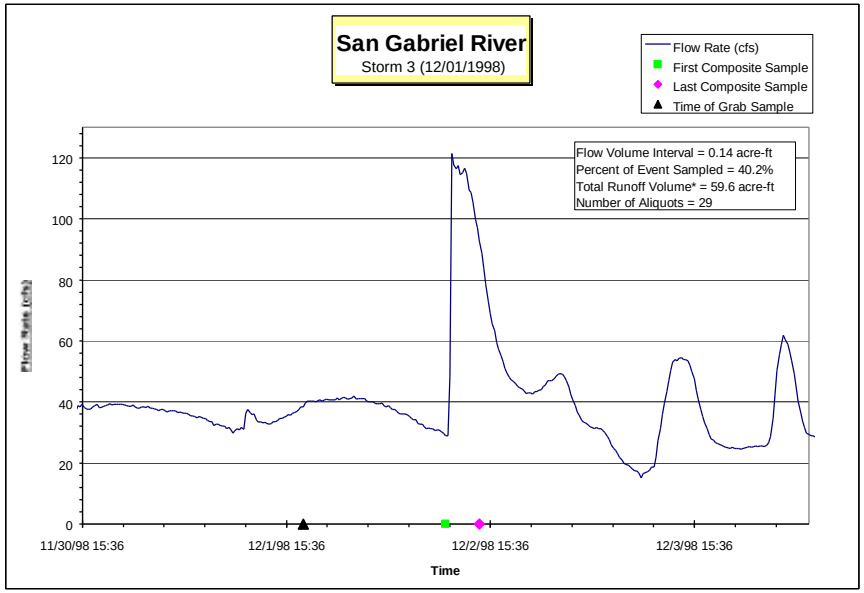

Coyote Creek
Storm 14 (04/06/1999)
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Flow Volume Interval = 1.15 acre-ft
Percent of Event Sampled = 96.9%
Total Runoff Volume* = 1651 acre-ft
Number of Aliquots = 55
Flow Rate (cfs)
2500
2000
1500
1000
500
0
4/5/99 10:48
4/6/99 10:48
4/7/99 10:48
4/8/99 10:48
Time

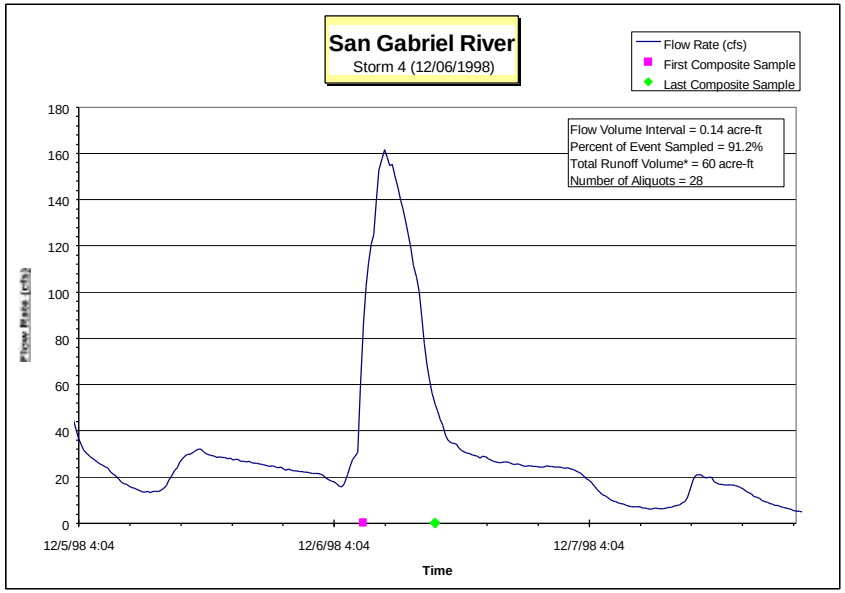

Coyote Creek
Storm 15 (04/08/1999)
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Flow Volume Interval = 4.6 acre-ft
Percent of Event Sampled = 94.7%
Total Runoff Volume* = 79.7 acre-ft
Number of Aliquots = 31
Flow Rate (cfs)
250
200
150
100
50
0
4/8/99 5:31
4/9/99 5:31
4/10/99 5:31
Time

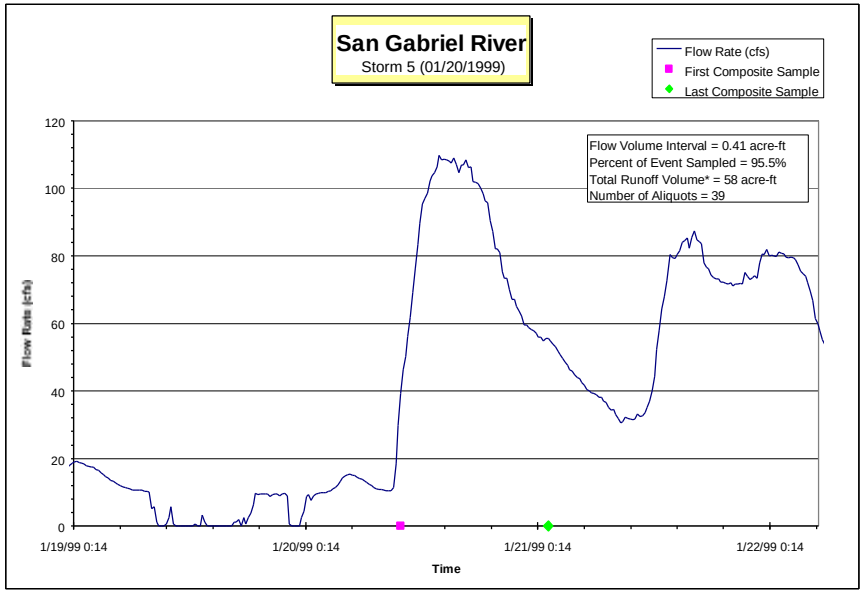

Coyote Creek
Storm 16 (04/11/1999)
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Flow Volume Interval = 4.6 acre-ft
Percent of Event Sampled = 31.3%
Total Runoff Volume* = 2671 acre-ft
Number of Aliquots = 20
Flow Rate (cfs)
4000
3500
3000
2500
2000
1500
1000
500
0
4/10/99 14:24
4/11/99 14:24
4/12/99 14:24
4/13/99 14:24
4/14/99 14:24
Time

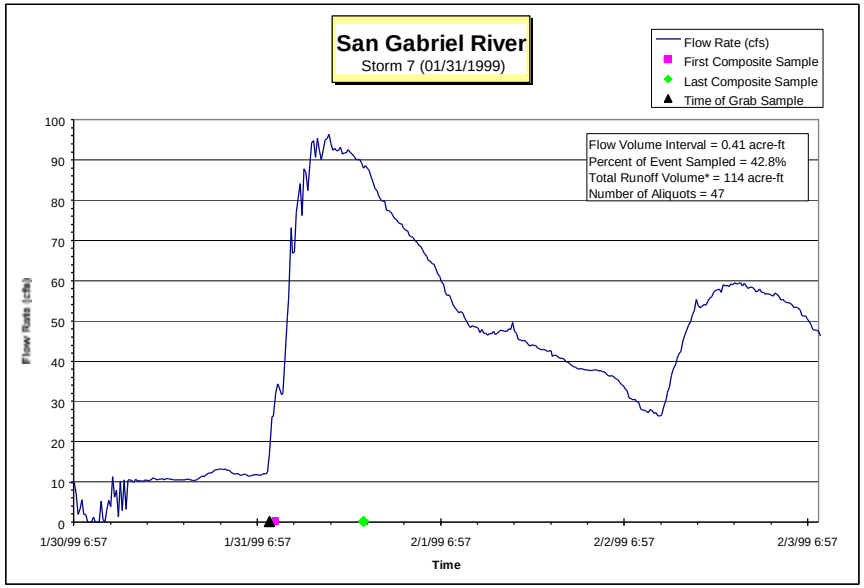

San Gabriel River
Storm 1 (11/08/1998)
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Time of Grab Sample
Flow Volume Interval = 0.14 acre-ft
Percent of Event Sampled = 20.5%
Total Runoff Volume* = 144 acre-ft
Number of Aliquots = 16
Flow Rate (cfs)
0
20
40
60
80
100
120
140
160
180
200
11/7/98 2:09
11/8/98 2:09
11/9/98 2:09
11/10/98 2:09
Time

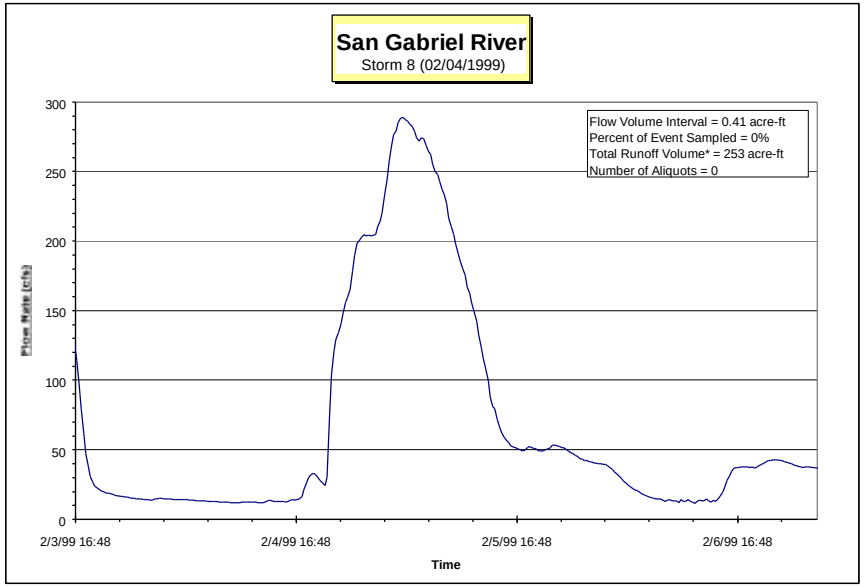

San Gabriel River
Storm 2 (11/28/1998)
Flow Rate (cfs)
Time of Grab Sample
Flow Volume Interval = 0.14 acre-ft
Percent of Event Sampled = 0%
Total Runoff Volume* = 22 acre-ft
Number of Aliquots = 0
Flow Rate (cfs)
0
10
20
30
40
50
60
70
80
90
100
11/27/98 4:33
11/28/98 4:33
11/29/98 4:33
11/30/98 4:33
Time

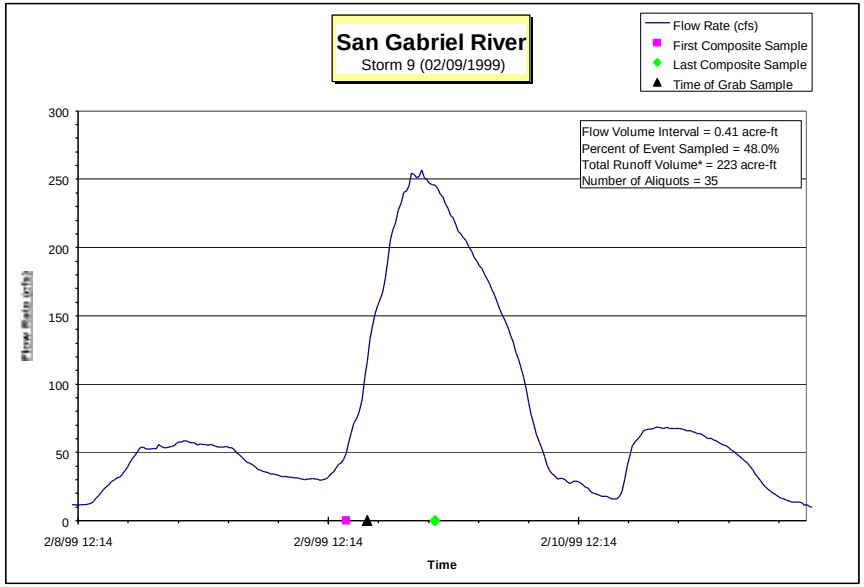

San Gabriel River
Storm 3 (12/01/1998)
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Time of Grab Sample
Flow Volume Interval = 0.14 acre-ft
Percent of Event Sampled = 40.2%
Total Runoff Volume* = 59.6 acre-ft
Number of Aliquots = 29
Flow Rate (cfs)
0
20
40
60
80
100
120
11/30/98 15:36
12/1/98 15:36
12/2/98 15:36
12/3/98 15:36
Time

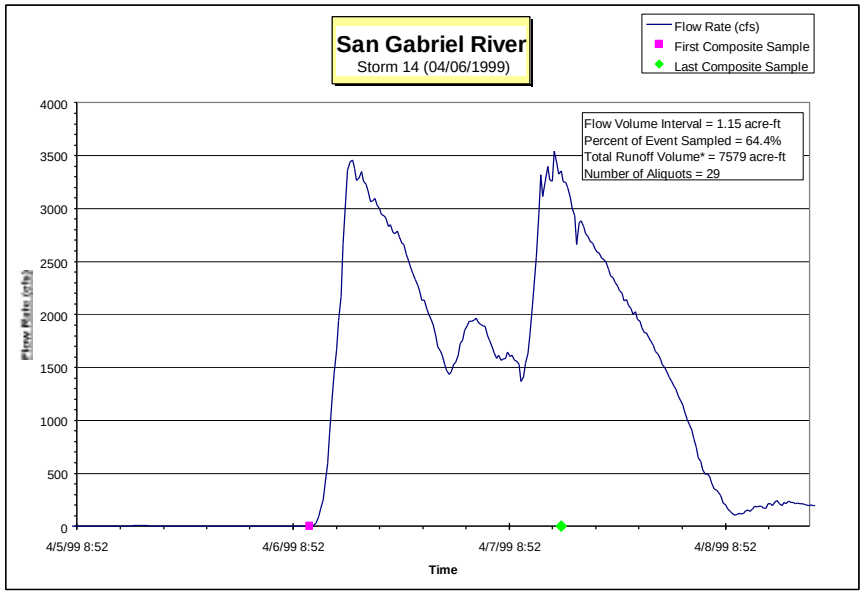

San Gabriel River
Storm 4 (12/06/1998)
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Flow Volume Interval = 0.14 acre-ft
Percent of Event Sampled = 91.2%
Total Runoff Volume* = 60 acre-ft
Number of Aliquots = 28
Flow Rate (cfs)
0
20
40
60
80
100
120
140
160
180
12/5/98 4:04
12/6/98 4:04
12/7/98 4:04
Time

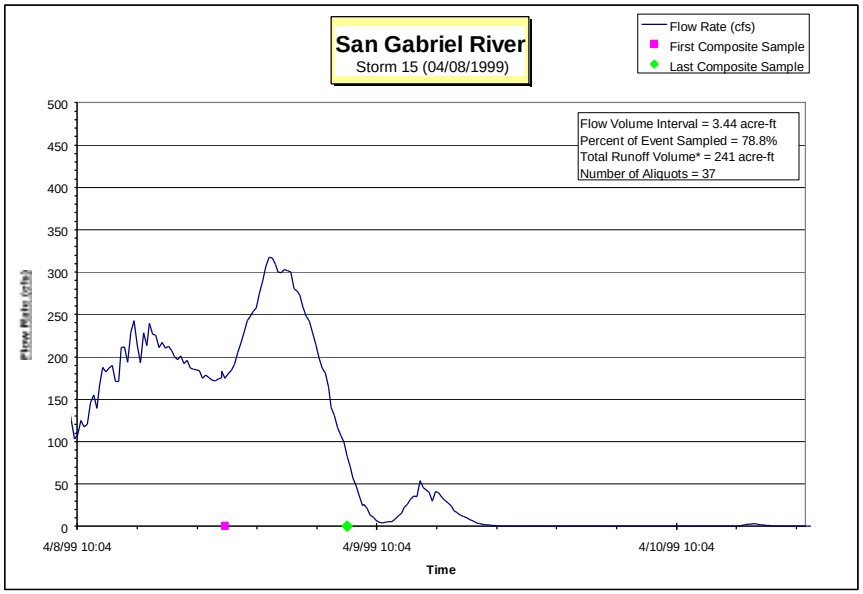

San Gabriel River
Storm 5 (01/20/1999)
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Flow Volume Interval = 0.41 acre-ft
Percent of Event Sampled = 95.5%
Total Runoff Volume* = 58 acre-ft
Number of Aliquots = 39
Flow Rate (cfs)
0
20
40
60
80
100
120
1/19/99 0:14
1/20/99 0:14
1/21/99 0:14
1/22/99 0:14
Time

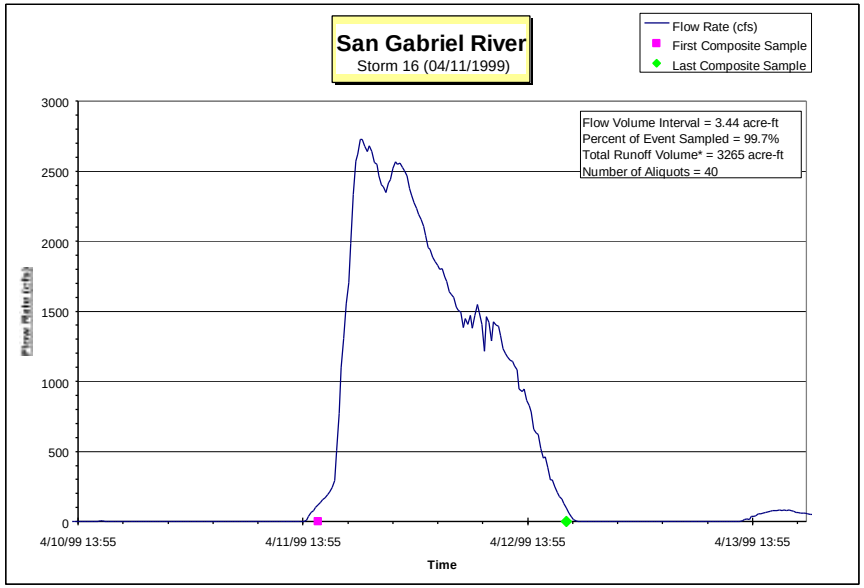

San Gabriel River
Storm 7 (01/31/1999)
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Time of Grab Sample
Flow Volume Interval = 0.41 acre-ft
Percent of Event Sampled = 42.8%
Total Runoff Volume* = 114 acre-ft
Number of Aliquots = 47
Flow Rate (cfs)
0
10
20
30
40
50
60
70
80
90
100
1/30/99 6:57
1/31/99 6:57
2/1/99 6:57
2/2/99 6:57
2/3/99 6:57
Time

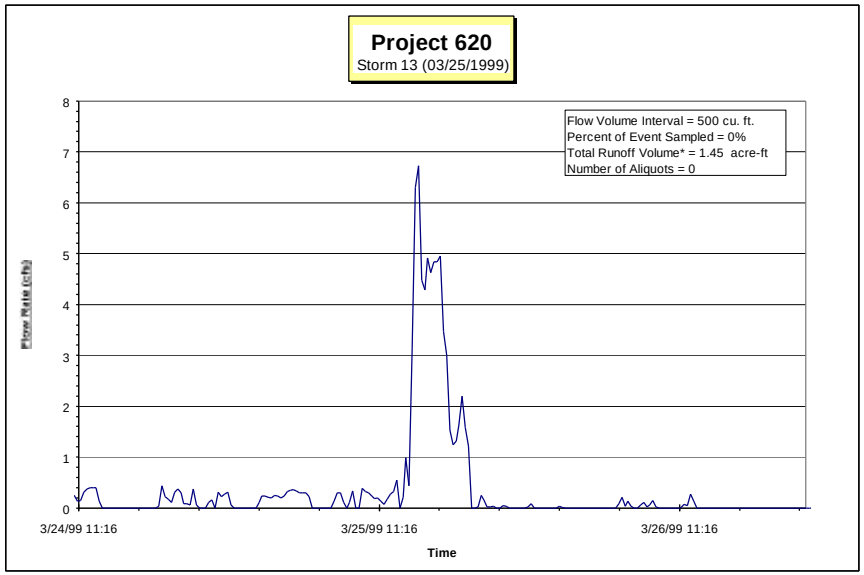

San Gabriel River
Storm 8 (02/04/1999)
Flow Volume Interval = 0.41 acre-ft
Percent of Event Sampled = 0%
Total Runoff Volume* = 253 acre-ft
Number of Aliquots = 0
Flow Rate (cfs)
0
50
100
150
200
250
300
2/3/99 16:48
2/4/99 16:48
2/5/99 16:48
2/6/99 16:48
Time

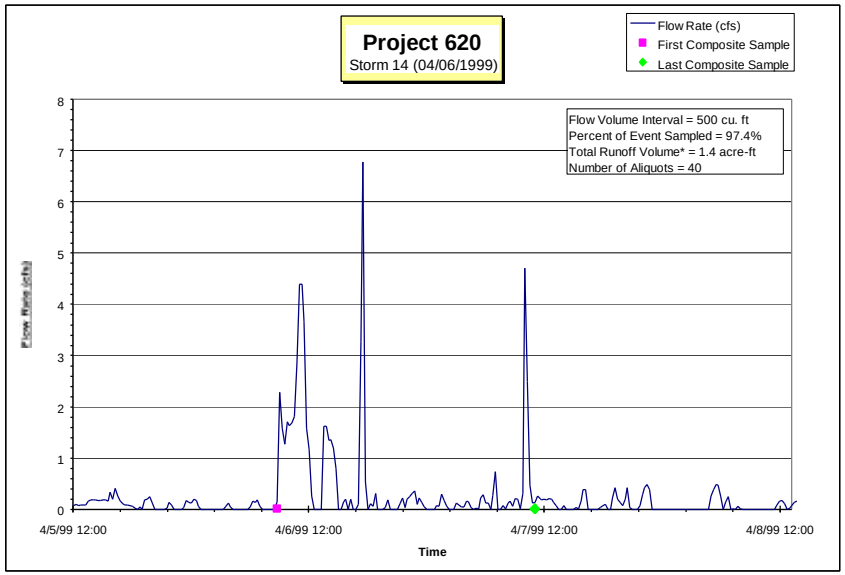

San Gabriel River
Storm 9 (02/09/1999)
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Time of Grab Sample
Flow Volume Interval = 0.41 acre-ft
Percent of Event Sampled = 48.0%
Total Runoff Volume* = 223 acre-ft
Number of Aliquots = 35
Flow Rate (cfs)
0
50
100
150
200
250
300
2/8/99 12:14
2/9/99 12:14
2/10/99 12:14
Time

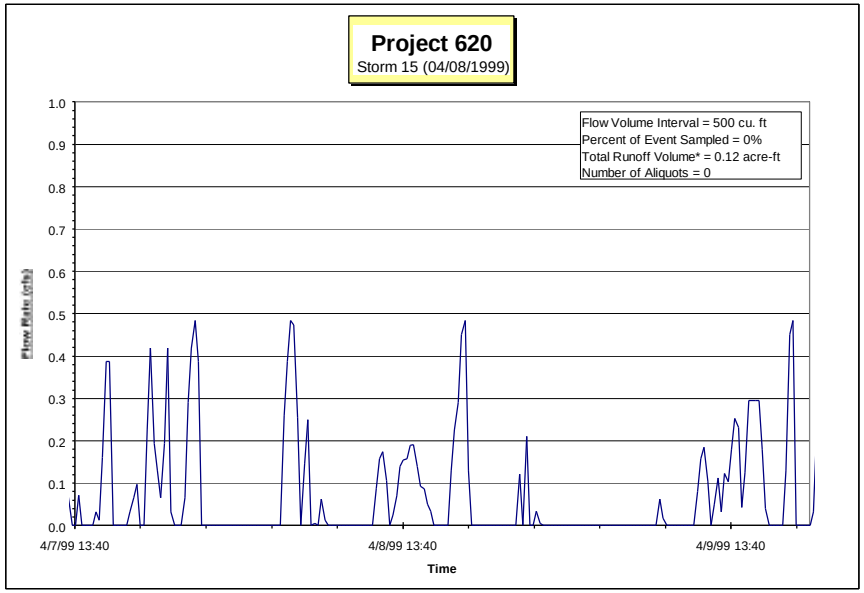

San Gabriel River
Storm 14 (04/06/1999)
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Flow Volume Interval = 1.15 acre-ft
Percent of Event Sampled = 64.4%
Total Runoff Volume* = 7579 acre-ft
Number of Aliquots = 29
Flow Rate (cfs)
4000
3500
3000
2500
2000
1500
1000
500
0
4/5/99 8:52
4/6/99 8:52
4/7/99 8:52
4/8/99 8:52
Time

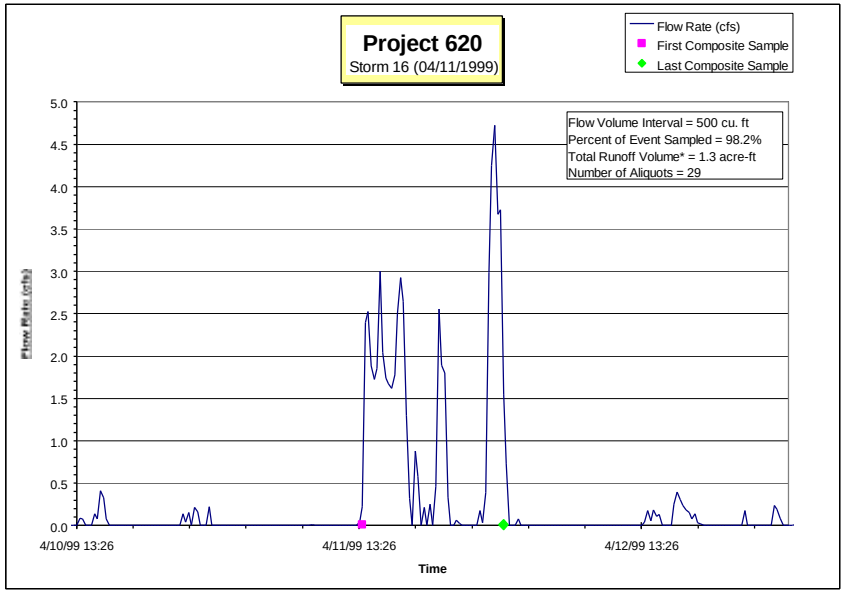

San Gabriel River
Storm 15 (04/08/1999)
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Flow Volume Interval = 3.44 acre-ft
Percent of Event Sampled = 78.8%
Total Runoff Volume* = 241 acre-ft
Number of Aliquots = 37
Flow Rate (cfs)
500
450
400
350
300
250
200
150
100
50
0
4/8/99 10:04
4/9/99 10:04
4/10/99 10:04
Time

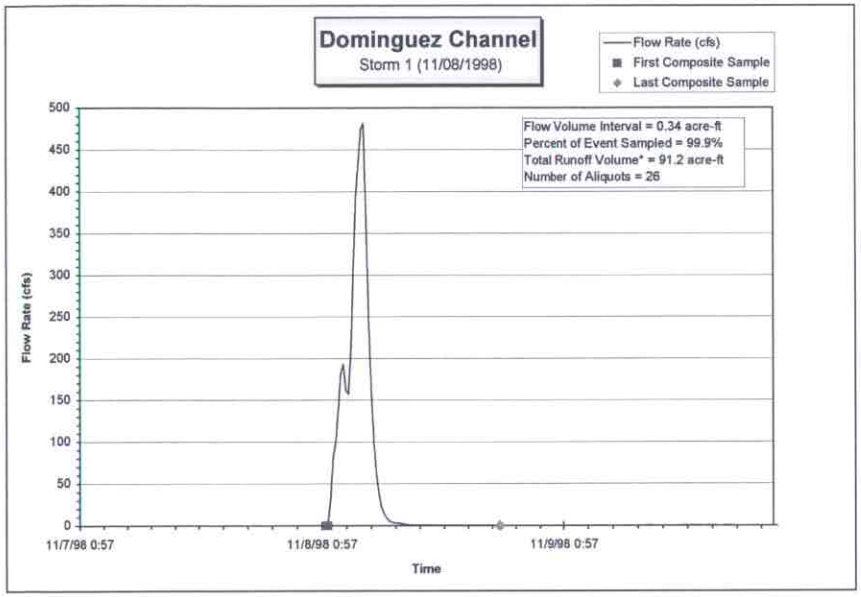

San Gabriel River
Storm 16 (04/11/1999)
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Flow Volume Interval = 3.44 acre-ft
Percent of Event Sampled = 99.7%
Total Runoff Volume* = 3265 acre-ft
Number of Aliquots = 40
Flow Rate (cfs)
3000
2500
2000
1500
1000
500
0
4/10/99 13:55
4/11/99 13:55
4/12/99 13:55
4/13/99 13:55
Time

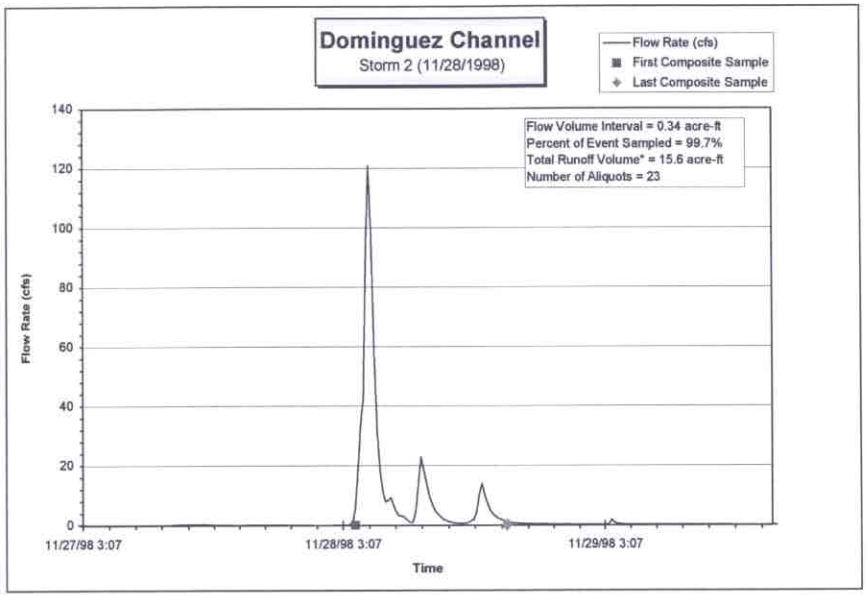

Project 620
Storm 13 (03/25/1999)
Flow Volume Interval = 500 cu. ft.
Percent of Event Sampled = 0%
Total Runoff Volume* = 1.45 acre-ft
Number of Aliquots = 0
Flow Rate (cfs)
0
1
2
3
4
5
6
7
8
3/24/99 11:16
3/25/99 11:16
3/26/99 11:16
Time

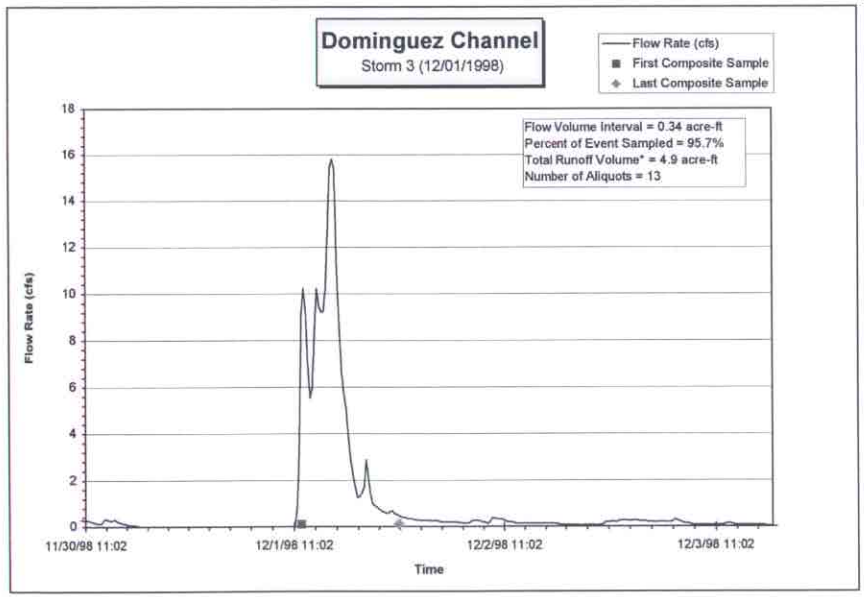

Project 620
Storm 14 (04/06/1999)
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Flow Volume Interval = 500 cu. ft
Percent of Event Sampled = 97.4%
Total Runoff Volume* = 1.4 acre-ft
Number of Aliquots = 40
Flow Rate (cfs)
0
1
2
3
4
5
6
7
8
4/5/99 12:00
4/6/99 12:00
4/7/99 12:00
4/8/99 12:00
Time

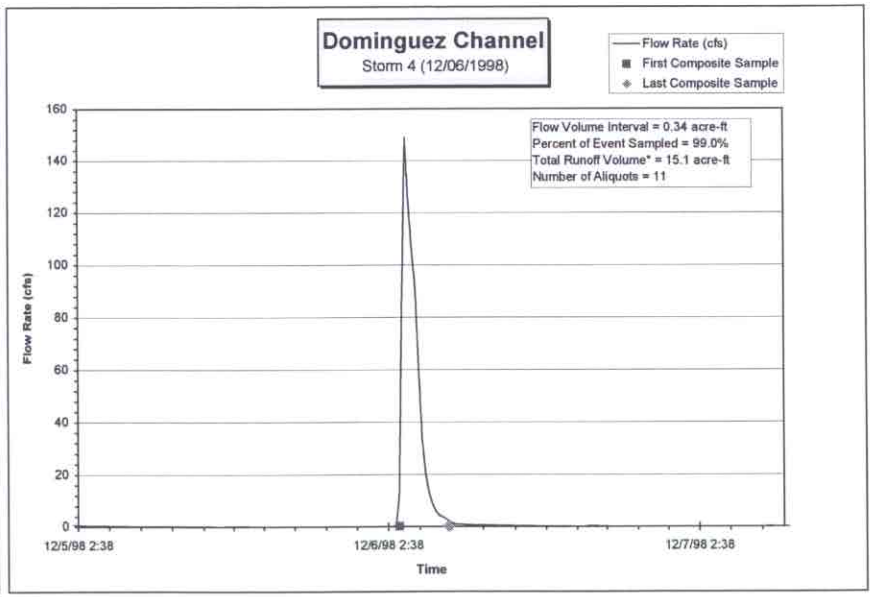

Project 620
Storm 15 (04/08/1999)
Flow Volume Interval = 500 cu. ft
Percent of Event Sampled = 0%
Total Runoff Volume* = 0.12 acre-ft
Number of Aliquots = 0
Flow Rate (cfs)
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
4/7/99 13:40
4/8/99 13:40
4/9/99 13:40
Time

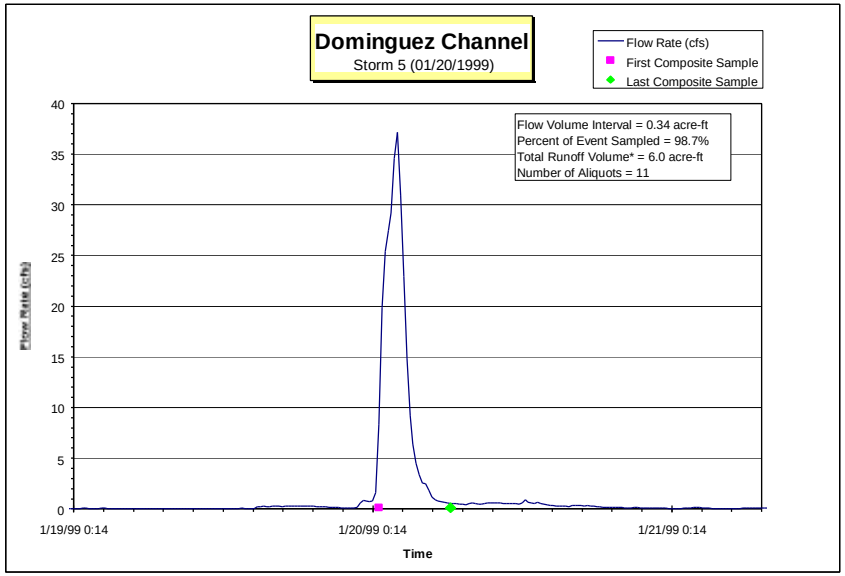

Project 620
Storm 16 (04/11/1999)
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Flow Volume Interval = 500 cu. ft
Percent of Event Sampled = 98.2%
Total Runoff Volume* = 1.3 acre-ft
Number of Aliquots = 29
Flow Rate (cfs)
0.0
0.5
1.0
1.5
2.0
2.5
3.0
3.5
4.0
4.5
5.0
4/10/99 13:26
4/11/99 13:26
4/12/99 13:26
Time

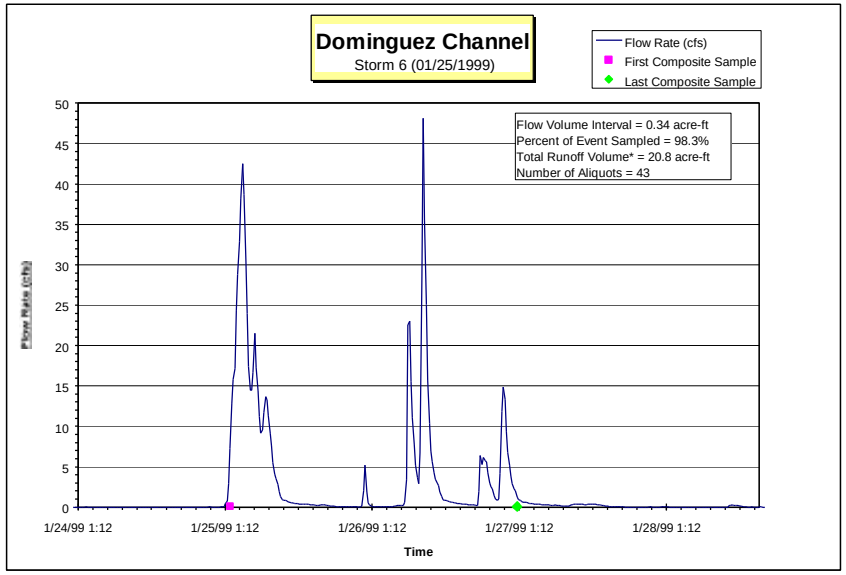

Dominguez Channel
Storm 1 (11/08/1998)
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Flow Volume Interval = 0.34 acre-ft
Percent of Event Sampled = 99.9%
Total Runoff Volume* = 91.2 acre-ft
Number of Aliquots = 26
Flow Rate (cfs)
0
50
100
150
200
250
300
350
400
450
500
11/7/98 0:57
11/8/98 0:57
11/9/98 0:57
Time

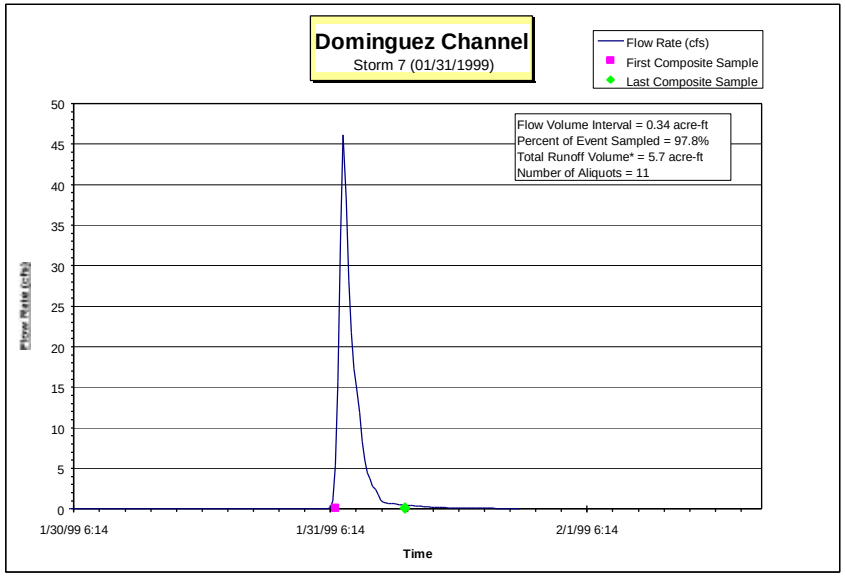

Dominguez Channel
Storm 2 (11/28/1998)
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Flow Volume Interval = 0.34 acre-ft
Percent of Event Sampled = 99.7%
Total Runoff Volume* = 15.6 acre-ft
Number of Aliquots = 23
Flow Rate (cfs)
0
20
40
60
80
100
120
140
11/27/98 3:07
11/28/98 3:07
11/29/98 3:07
Time

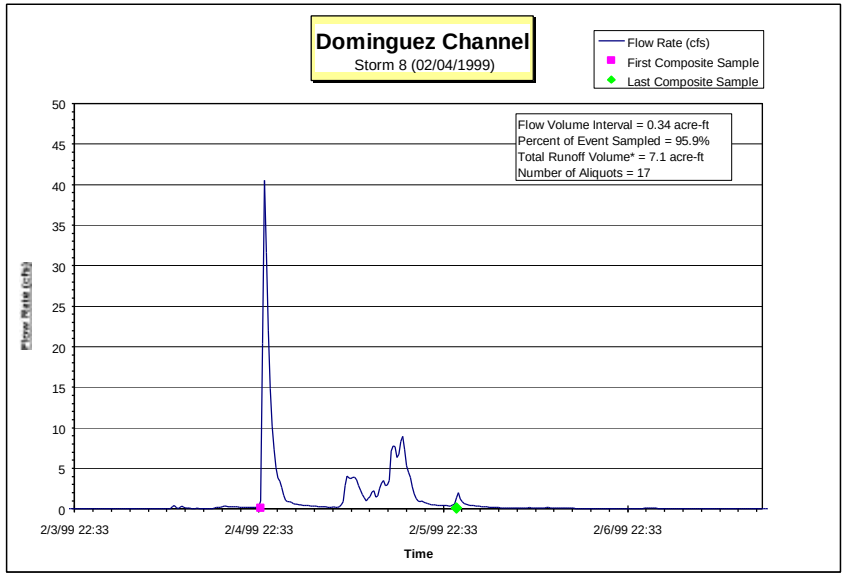

Dominguez Channel
Storm 3 (12/01/1998)
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Flow Volume Interval = 0.34 acre-ft
Percent of Event Sampled = 95.7%
Total Runoff Volume* = 4.9 acre-ft
Number of Aliquots = 13
Flow Rate (cfs)
0
2
4
6
8
10
12
14
16
18
11/30/98 11:02
12/1/98 11:02
12/2/98 11:02
12/3/98 11:02
Time

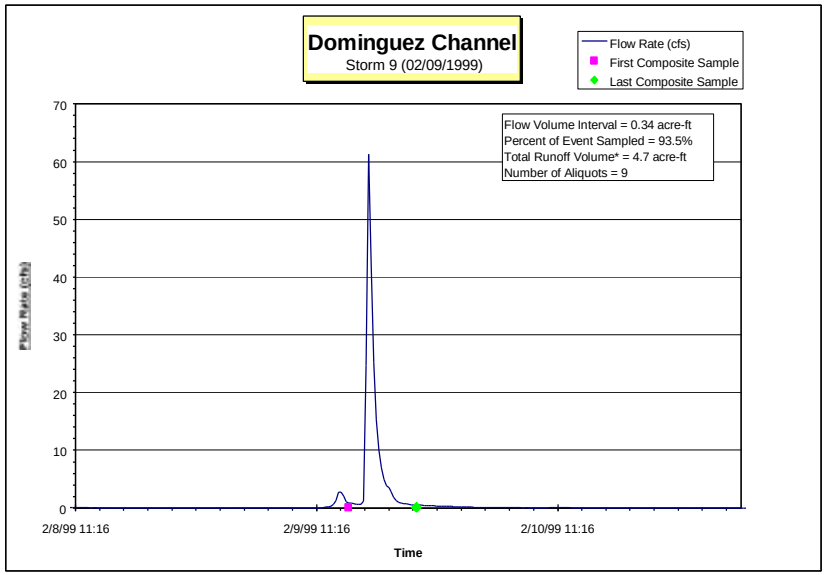

Dominguez Channel
Storm 4 (12/06/1998)
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Flow Volume Interval = 0.34 acre-ft
Percent of Event Sampled = 99.0%
Total Runoff Volume* = 15.1 acre-ft
Number of Aliquots = 11
Flow Rate (cfs)
0
20
40
60
80
100
120
140
160
12/5/98 2:38
12/6/98 2:38
12/7/98 2:38
Time

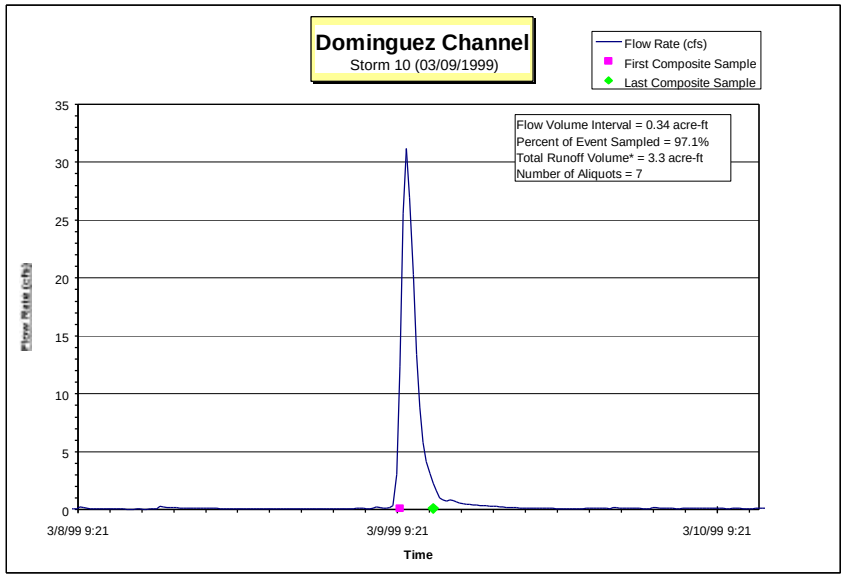

Dominguez Channel
Storm 5 (01/20/1999)
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Flow Volume Interval = 0.34 acre-ft
Percent of Event Sampled = 98.7%
Total Runoff Volume* = 6.0 acre-ft
Number of Aliquots = 11
Flow Rate (cfs)
0
5
10
15
20
25
30
35
40
1/19/99 0:14
1/20/99 0:14
1/21/99 0:14
Time

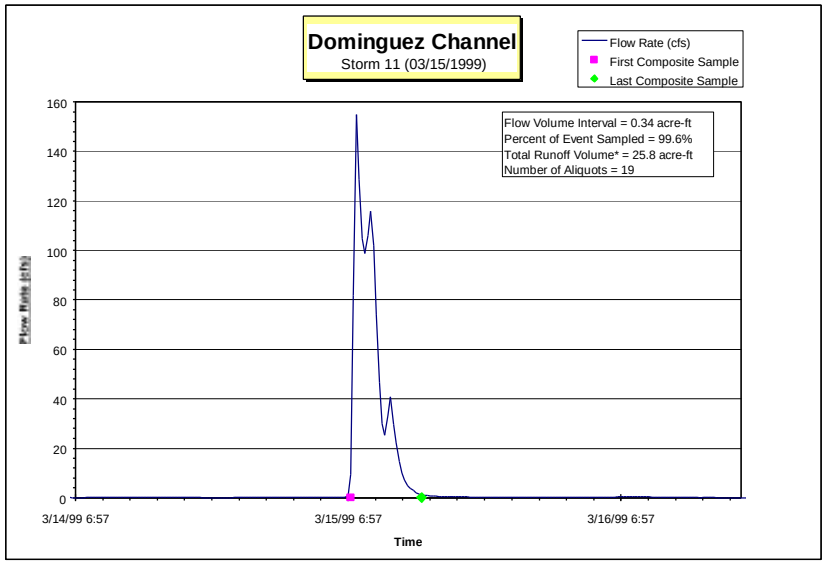

Dominguez Channel
Storm 6 (01/25/1999)
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Flow Volume Interval = 0.34 acre-ft
Percent of Event Sampled = 98.3%
Total Runoff Volume* = 20.8 acre-ft
Number of Aliquots = 43
Flow Rate (cfs)
0
5
10
15
20
25
30
35
40
45
50
1/24/99 1:12
1/25/99 1:12
1/26/99 1:12
1/27/99 1:12
1/28/99 1:12
Time

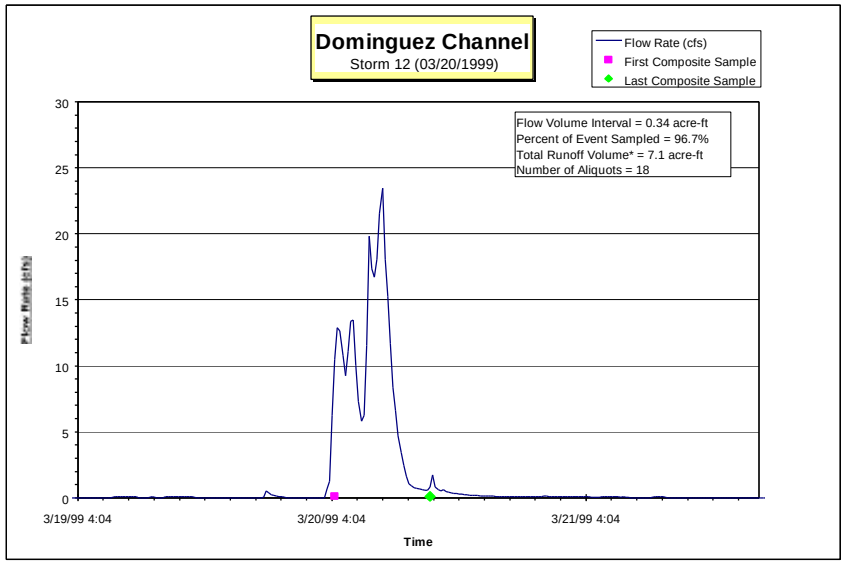

Dominguez Channel
Storm 7 (01/31/1999)
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Flow Volume Interval = 0.34 acre-ft
Percent of Event Sampled = 97.8%
Total Runoff Volume* = 5.7 acre-ft
Number of Aliquots = 11
Flow Rate (cfs)
0
5
10
15
20
25
30
35
40
45
50
1/30/99 6:14
1/31/99 6:14
2/1/99 6:14
Time

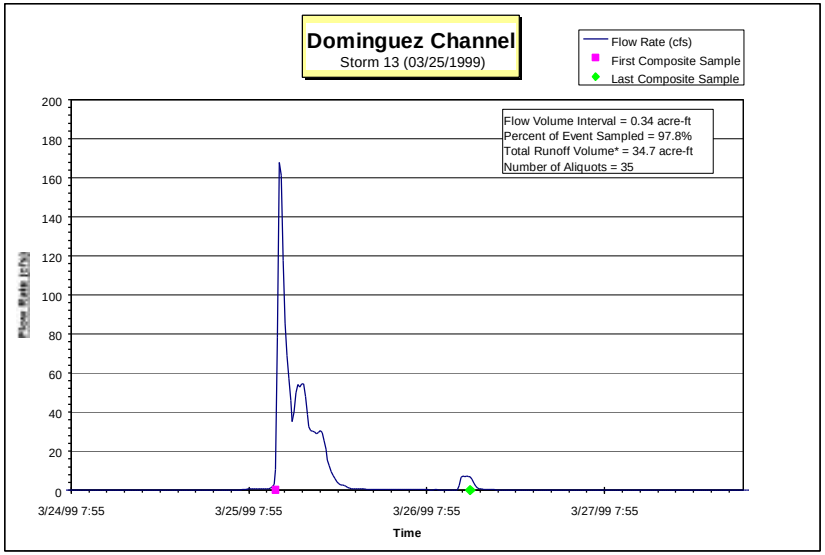

Dominguez Channel
Storm 8 (02/04/1999)
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Flow Volume Interval = 0.34 acre-ft
Percent of Event Sampled = 95.9%
Total Runoff Volume* = 7.1 acre-ft
Number of Aliquots = 17
Flow Rate (cfs)
0
5
10
15
20
25
30
35
40
45
50
2/3/99 22:33
2/4/99 22:33
2/5/99 22:33
2/6/99 22:33
Time

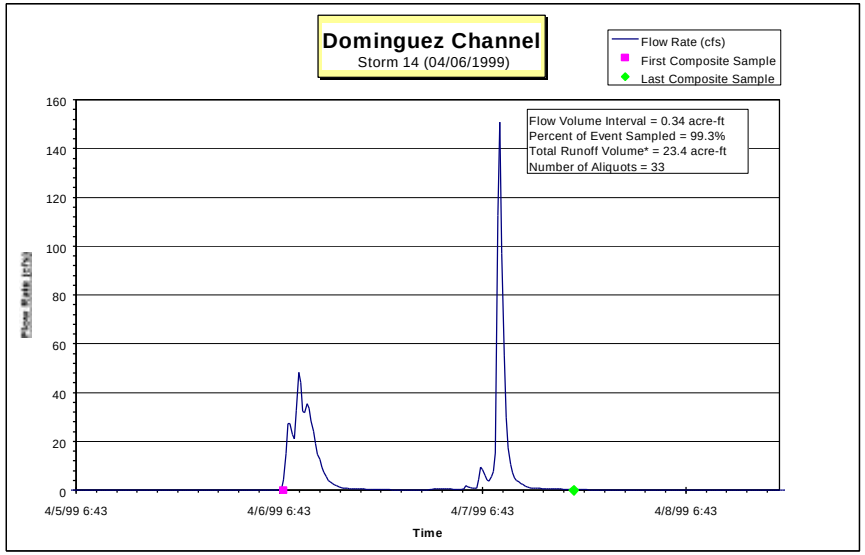

Dominguez Channel
Storm 9 (02/09/1999)
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Flow Volume Interval = 0.34 acre-ft
Percent of Event Sampled = 93.5%
Total Runoff Volume* = 4.7 acre-ft
Number of Aliquots = 9
Flow Rate (cfs)
0
10
20
30
40
50
60
70
2/8/99 11:16
2/9/99 11:16
2/10/99 11:16
Time

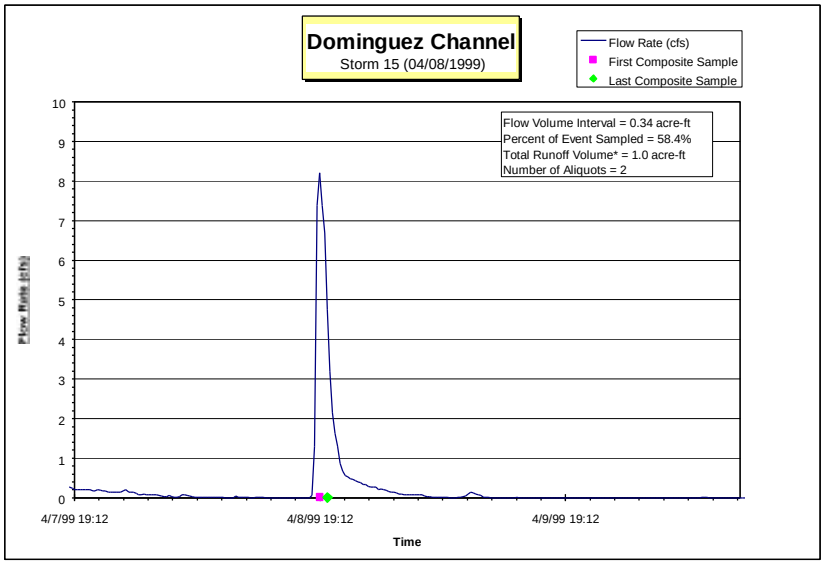

Dominguez Channel
Storm 10 (03/09/1999)
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Flow Volume Interval = 0.34 acre-ft
Percent of Event Sampled = 97.1%
Total Runoff Volume* = 3.3 acre-ft
Number of Aliquots = 7
Flow Rate (cfs)
0
5
10
15
20
25
30
35
3/8/99 9:21
3/9/99 9:21
3/10/99 9:21
Time

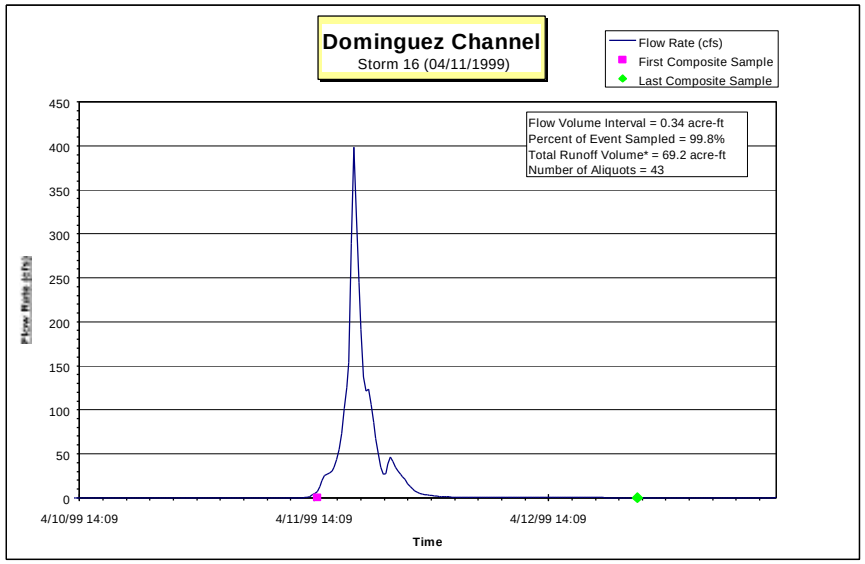

Dominguez Channel
Storm 11 (03/15/1999)
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Flow Volume Interval = 0.34 acre-ft
Percent of Event Sampled = 99.6%
Total Runoff Volume* = 25.8 acre-ft
Number of Aliquots = 19
Flow Rate (cfs)
0
20
40
60
80
100
120
140
160
3/14/99 6:57
3/15/99 6:57
3/16/99 6:57
Time

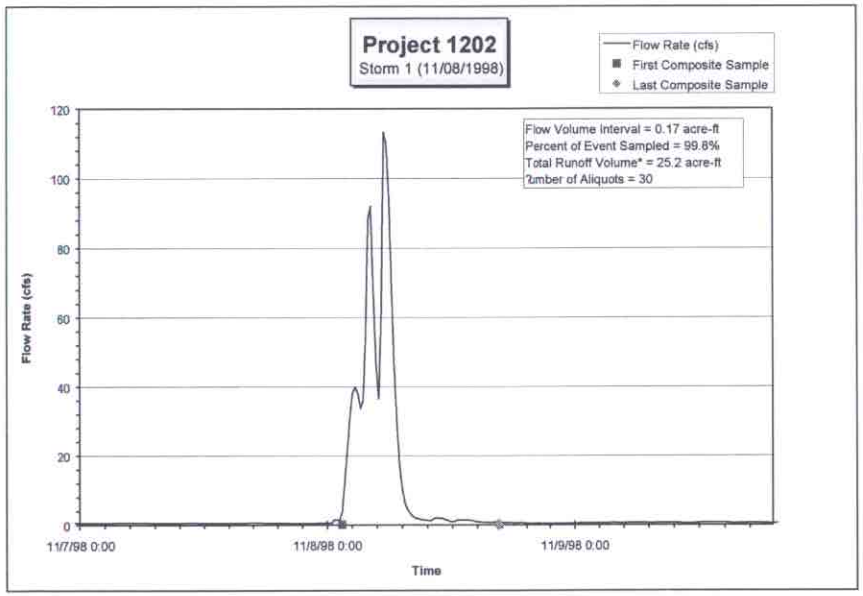

Dominguez Channel
Storm 12 (03/20/1999)
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Flow Volume Interval = 0.34 acre-ft
Percent of Event Sampled = 96.7%
Total Runoff Volume* = 7.1 acre-ft
Number of Aliquots = 18
Flow Rate (cfs)
0
5
10
15
20
25
30
3/19/99 4:04
3/20/99 4:04
3/21/99 4:04
Time

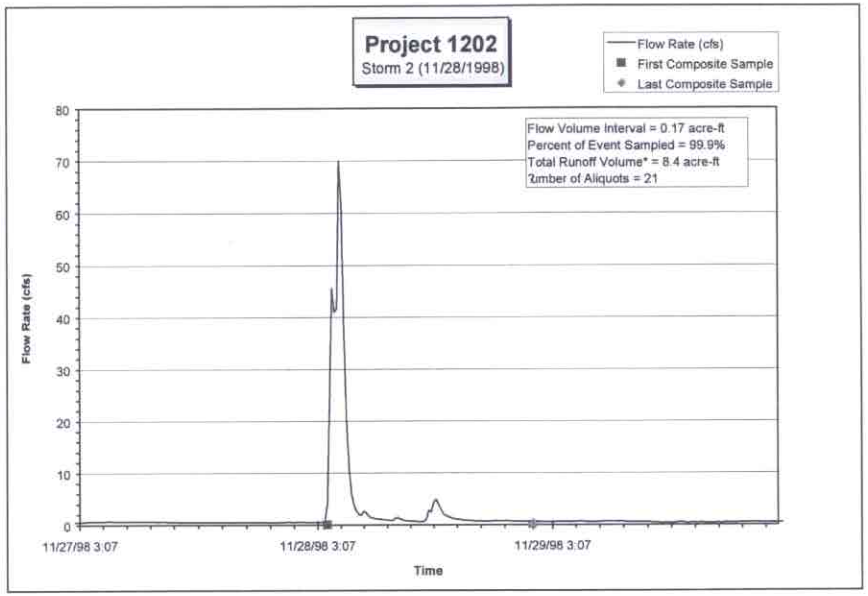

Dominguez Channel
Storm 13 (03/25/1999)
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Flow Volume Interval = 0.34 acre-ft
Percent of Event Sampled = 97.8%
Total Runoff Volume* = 34.7 acre-ft
Number of Aliquots = 35
Flow Rate (cfs)
200
180
160
140
120
100
80
60
40
20
0
3/24/99 7:55
3/25/99 7:55
3/26/99 7:55
3/27/99 7:55
Time

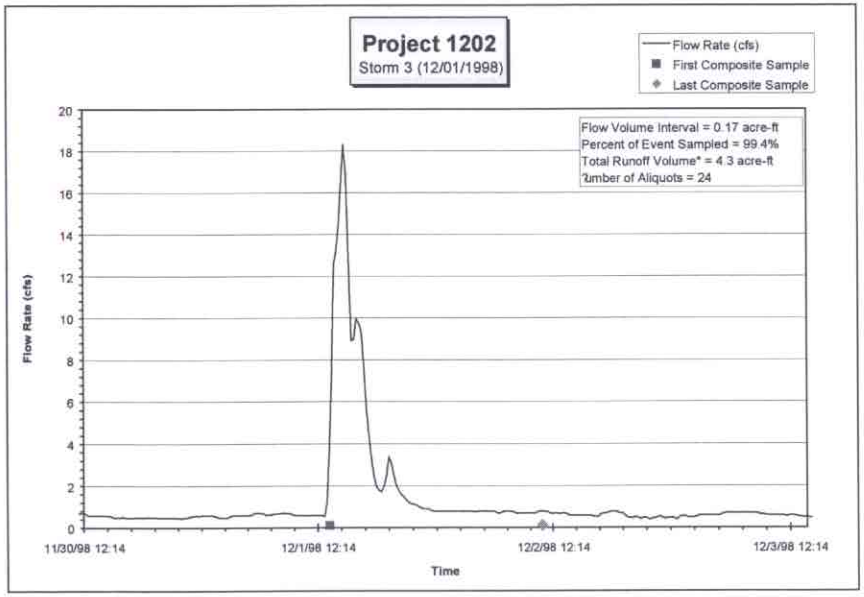

Dominguez Channel
Storm 14 (04/06/1999)
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Flow Volume Interval = 0.34 acre-ft
Percent of Event Sampled = 99.3%
Total Runoff Volume* = 23.4 acre-ft
Number of Aliquots = 33
Flow Rate (cfs)
160
140
120
100
80
60
40
20
0
4/5/99 6:43
4/6/99 6:43
4/7/99 6:43
4/8/99 6:43
Time

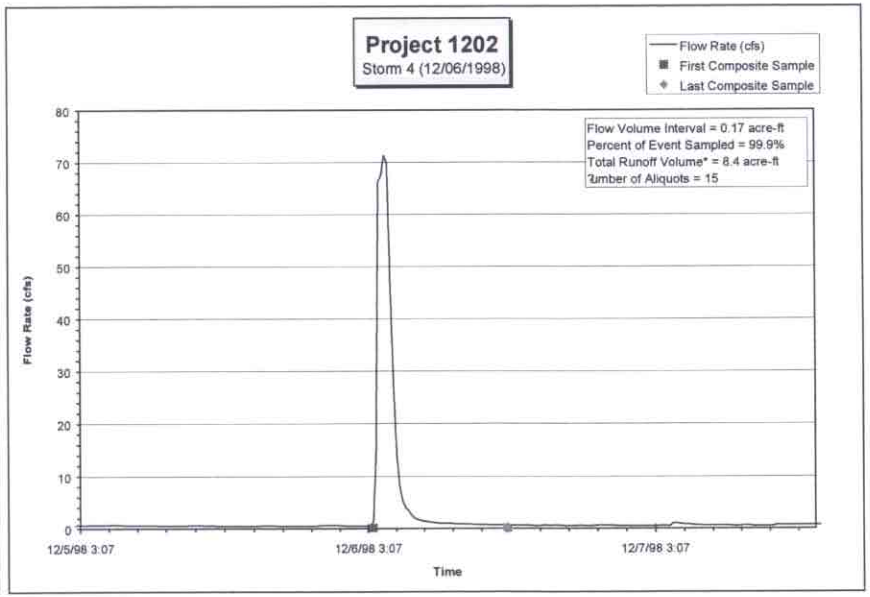

Dominguez Channel
Storm 15 (04/08/1999)
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Flow Volume Interval = 0.34 acre-ft
Percent of Event Sampled = 58.4%
Total Runoff Volume* = 1.0 acre-ft
Number of Aliquots = 2
Flow Rate (cfs)
10
9
8
7
6
5
4
3
2
1
0
4/7/99 19:12
4/8/99 19:12
4/9/99 19:12
Time

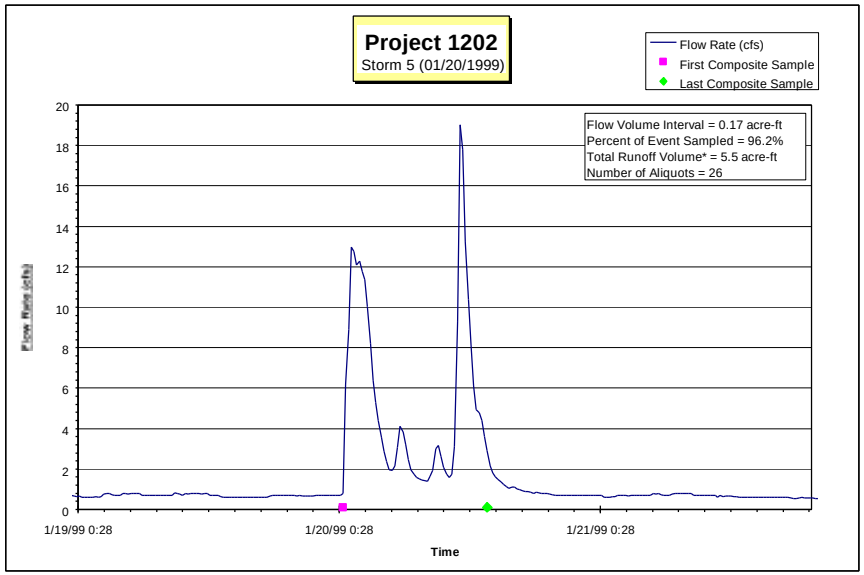

Dominguez Channel
Storm 16 (04/11/1999)
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Flow Volume Interval = 0.34 acre-ft
Percent of Event Sampled = 99.8%
Total Runoff Volume* = 69.2 acre-ft
Number of Aliquots = 43
Flow Rate (cfs)
450
400
350
300
250
200
150
100
50
0
4/10/99 14:09
4/11/99 14:09
4/12/99 14:09
Time

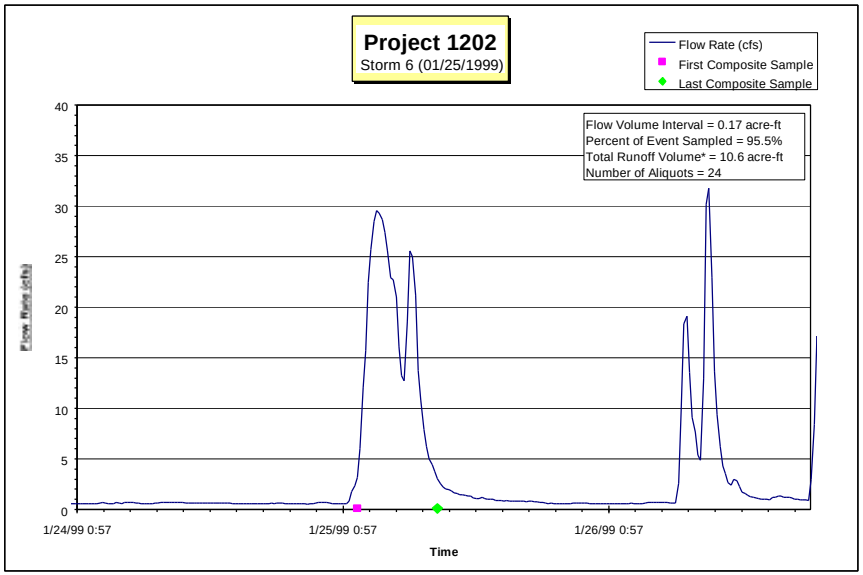

Project 1202
Storm 1 (11/08/1998)
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Flow Volume Interval = 0.17 acre-ft
Percent of Event Sampled = 99.8%
Total Runoff Volume* = 25.2 acre-ft
Number of Aliquots = 30
Flow Rate (cfs)
0
20
40
60
80
100
120
11/7/98 0:00
11/8/98 0:00
11/9/98 0:00
Time

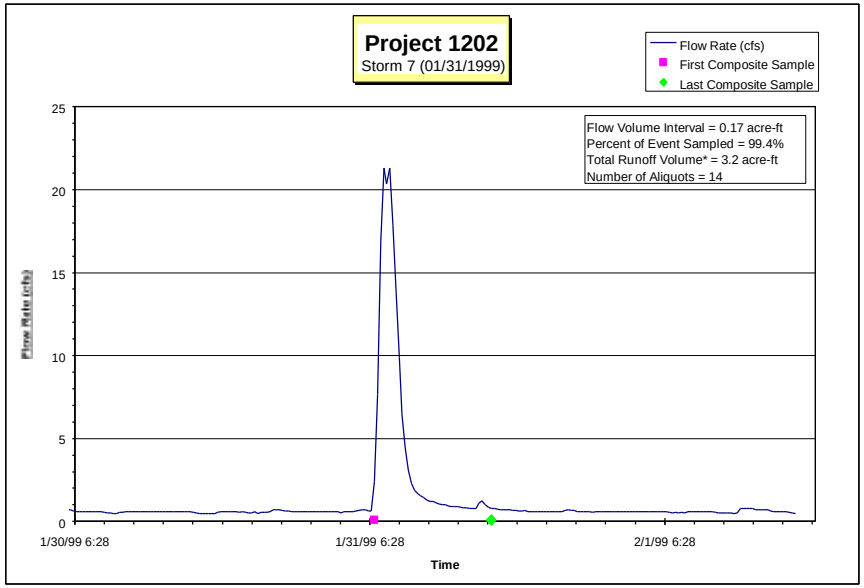

Project 1202
Storm 2 (11/28/1998)
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Flow Volume Interval = 0.17 acre-ft
Percent of Event Sampled = 99.9%
Total Runoff Volume* = 8.4 acre-ft
Number of Aliquots = 21
Flow Rate (cfs)
0
10
20
30
40
50
60
70
80
11/27/98 3:07
11/28/98 3:07
11/29/98 3:07
Time

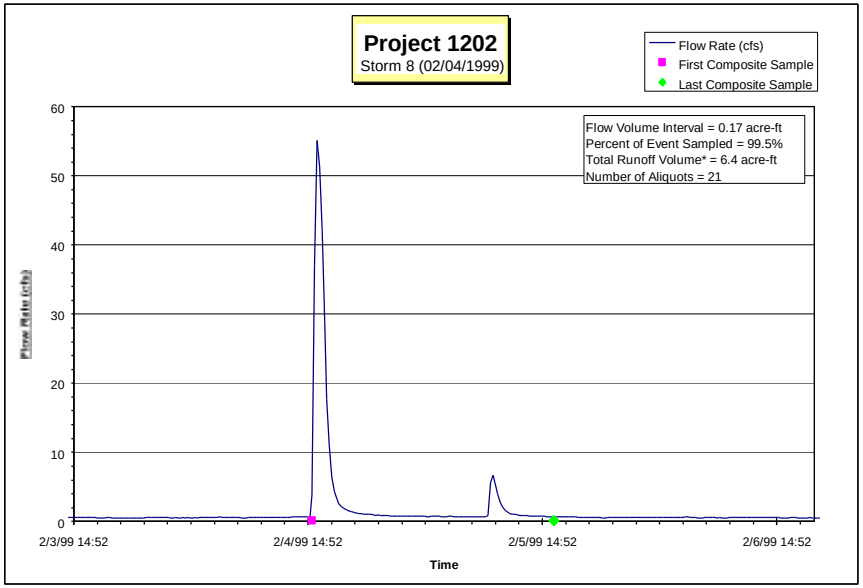

Project 1202
Storm 3 (12/01/1998)
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Flow Volume Interval = 0.17 acre-ft
Percent of Event Sampled = 99.4%
Total Runoff Volume* = 4.3 acre-ft
Number of Aliquots = 24
Flow Rate (cfs)
0
2
4
6
8
10
12
14
16
18
20
11/30/98 12:14
12/1/98 12:14
12/2/98 12:14
12/3/98 12:14
Time

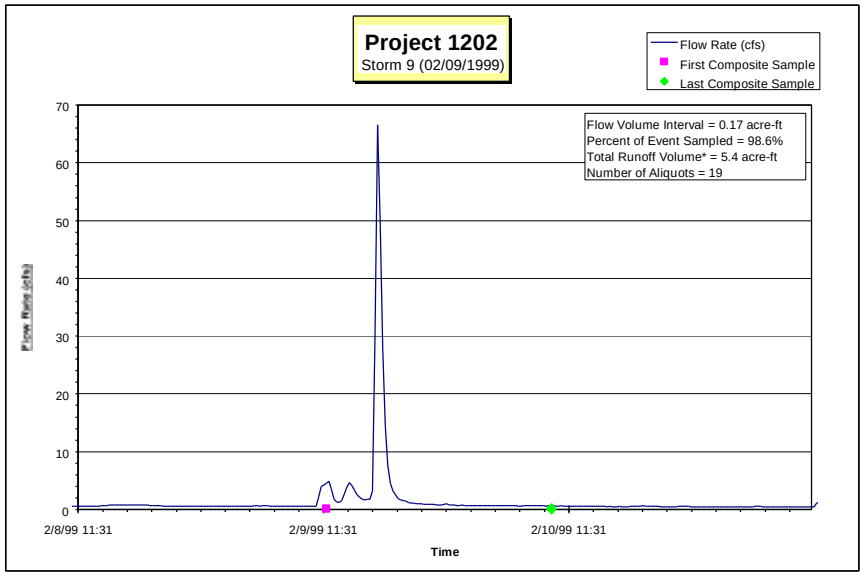

Project 1202
Storm 4 (12/06/1998)
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Flow Volume Interval = 0.17 acre-ft
Percent of Event Sampled = 99.9%
Total Runoff Volume* = 8.4 acre-ft
Number of Aliquots = 15
Flow Rate (cfs)
0
10
20
30
40
50
60
70
80
12/5/98 3:07
12/6/98 3:07
12/7/98 3:07
Time

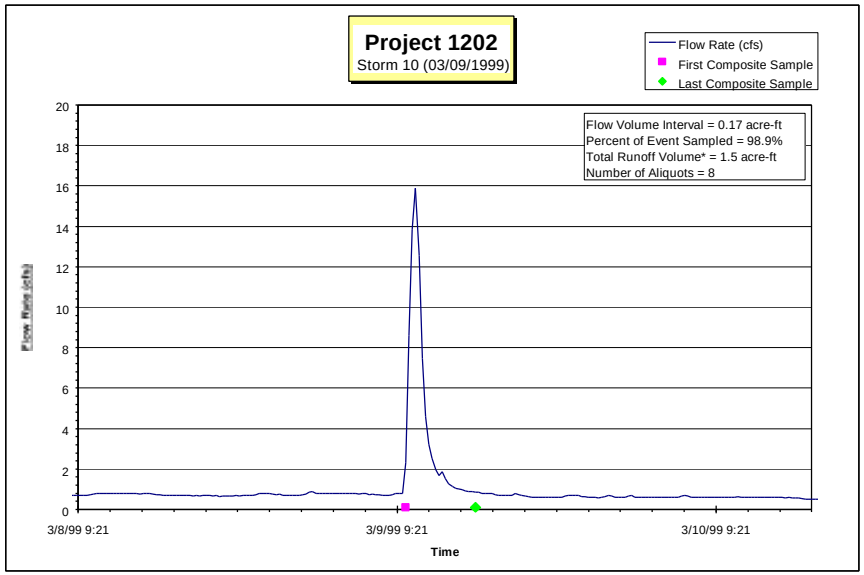

Project 1202
Storm 5 (01/20/1999)
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Flow Volume Interval = 0.17 acre-ft
Percent of Event Sampled = 96.2%
Total Runoff Volume* = 5.5 acre-ft
Number of Aliquots = 26
Flow Rate (cfs)
0
2
4
6
8
10
12
14
16
18
20
1/19/99 0:28
1/20/99 0:28
1/21/99 0:28
Time

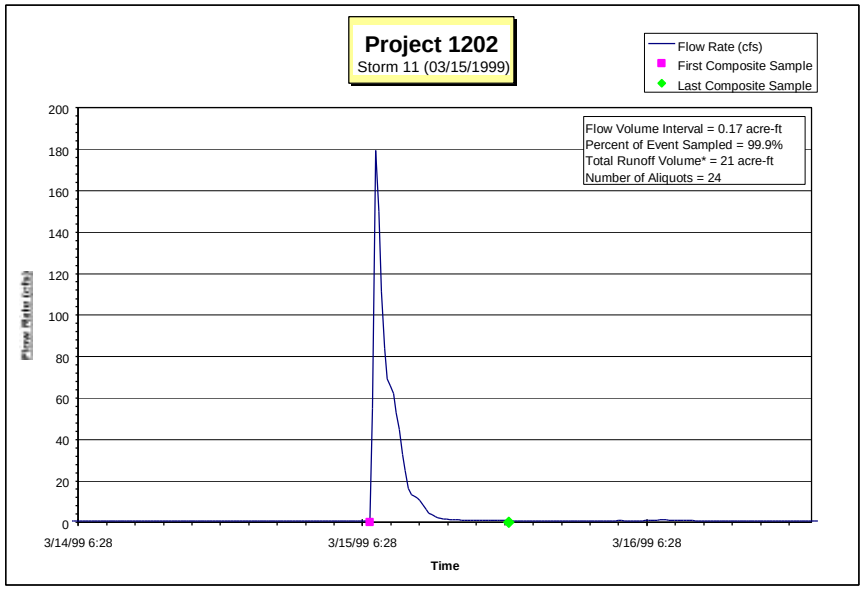

Project 1202
Storm 6 (01/25/1999)
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Flow Volume Interval = 0.17 acre-ft
Percent of Event Sampled = 95.5%
Total Runoff Volume* = 10.6 acre-ft
Number of Aliquots = 24
Flow Rate (cfs)
0
5
10
15
20
25
30
35
40
1/24/99 0:57
1/25/99 0:57
1/26/99 0:57
Time

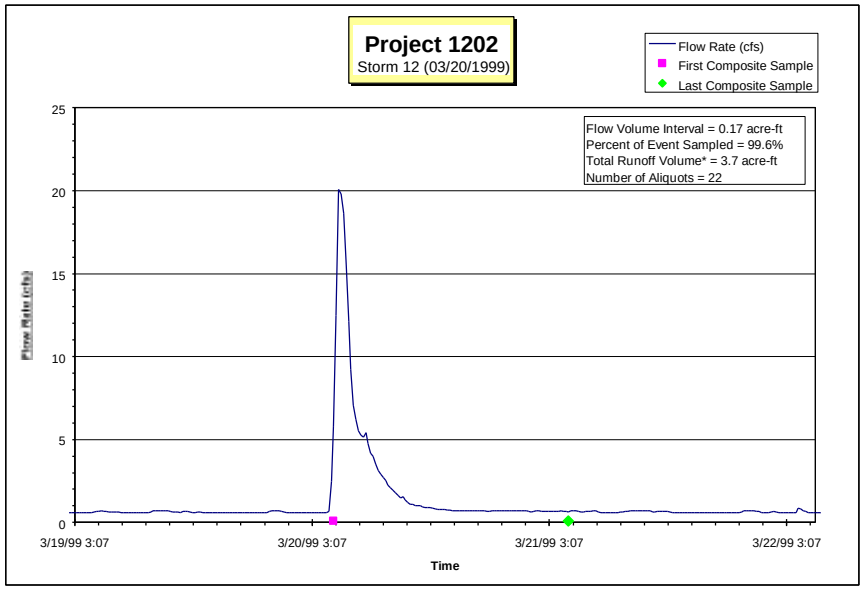

Project 1202
Storm 7 (01/31/1999)
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Flow Volume Interval = 0.17 acre-ft
Percent of Event Sampled = 99.4%
Total Runoff Volume* = 3.2 acre-ft
Number of Aliquots = 14
Flow Rate (cfs)
0
5
10
15
20
25
1/30/99 6:28
1/31/99 6:28
2/1/99 6:28
Time

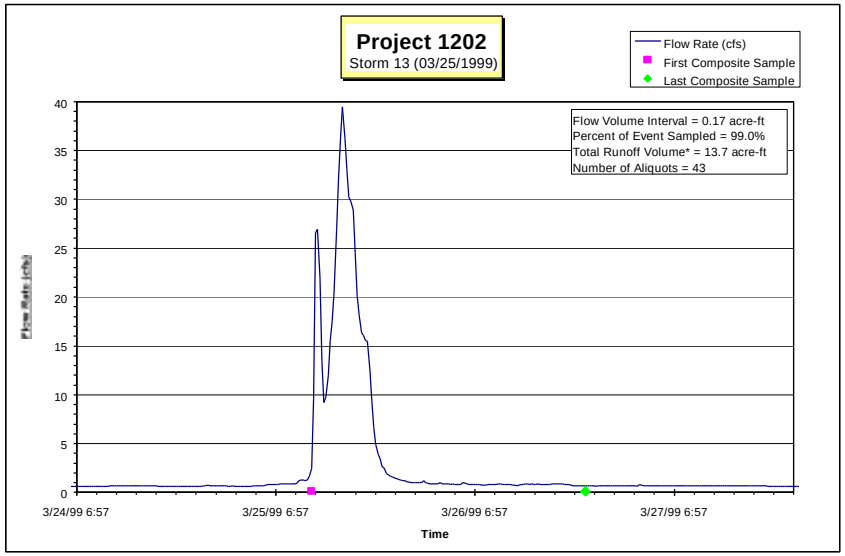

Project 1202
Storm 8 (02/04/1999)
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Flow Volume Interval = 0.17 acre-ft
Percent of Event Sampled = 99.5%
Total Runoff Volume* = 6.4 acre-ft
Number of Aliquots = 21
Flow Rate (cfs)
0
10
20
30
40
50
60
2/3/99 14:52
2/4/99 14:52
2/5/99 14:52
2/6/99 14:52
Time

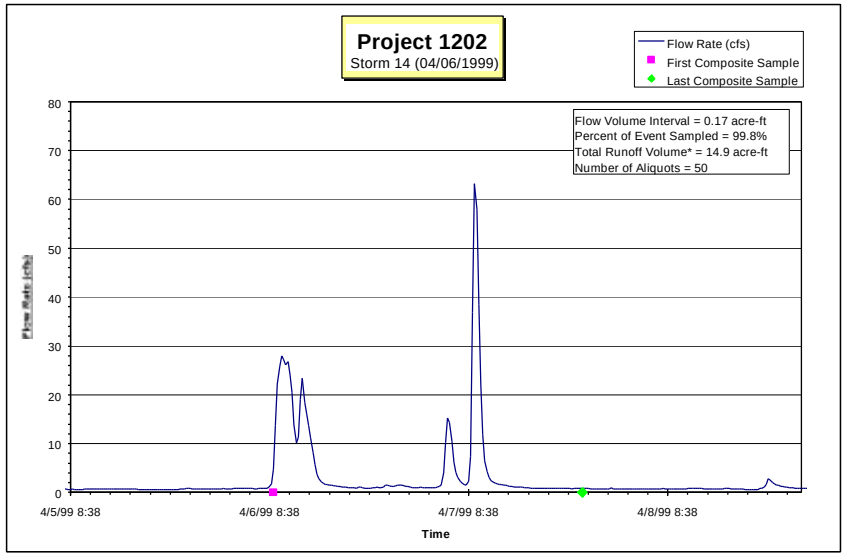

Project 1202
Storm 9 (02/09/1999)
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Flow Volume Interval = 0.17 acre-ft
Percent of Event Sampled = 98.6%
Total Runoff Volume* = 5.4 acre-ft
Number of Aliquots = 19
Flow Rate (cfs)
0
10
20
30
40
50
60
70
2/8/99 11:31
2/9/99 11:31
2/10/99 11:31
Time

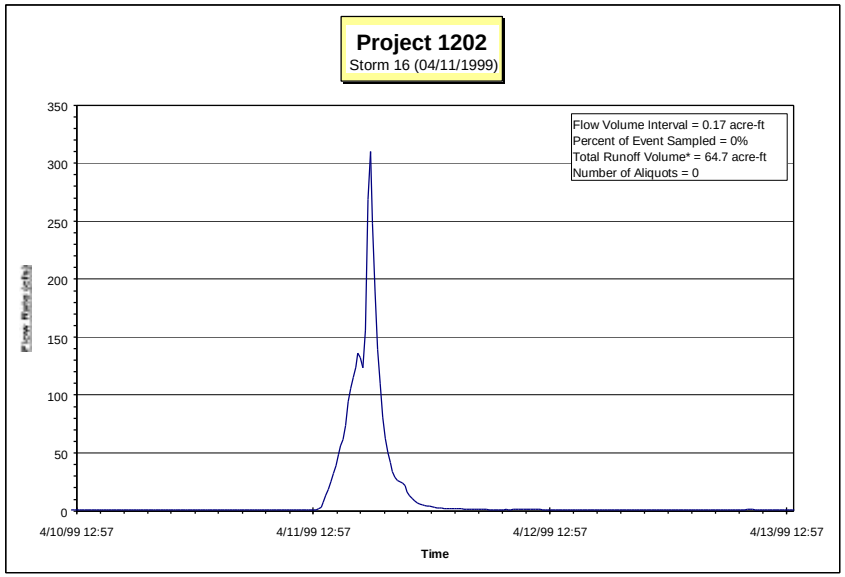

Project 1202
Storm 10 (03/09/1999)
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Flow Volume Interval = 0.17 acre-ft
Percent of Event Sampled = 98.9%
Total Runoff Volume* = 1.5 acre-ft
Number of Aliquots = 8
Flow Rate (cfs)
0
2
4
6
8
10
12
14
16
18
20
3/8/99 9:21
3/9/99 9:21
3/10/99 9:21
Time

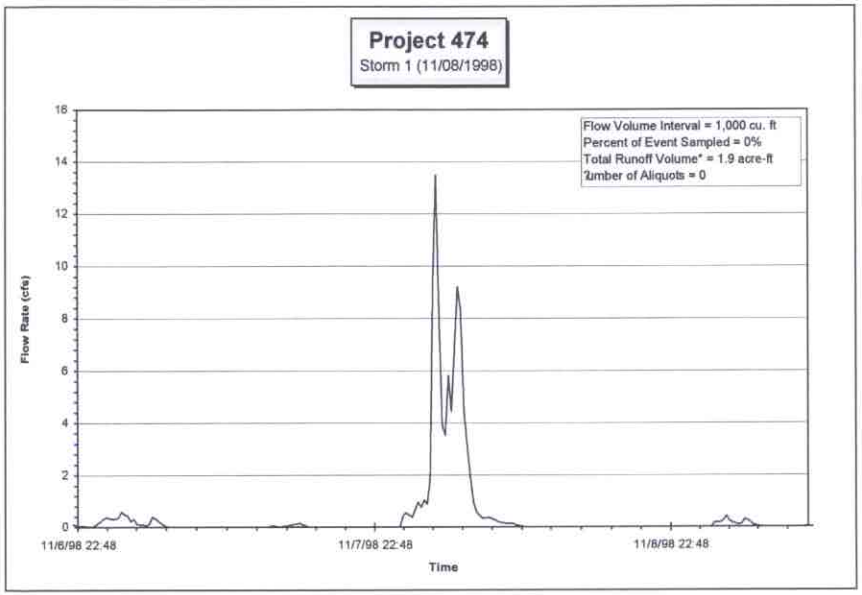

Project 1202
Storm 11 (03/15/1999)
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Flow Volume Interval = 0.17 acre-ft
Percent of Event Sampled = 99.9%
Total Runoff Volume* = 21 acre-ft
Number of Aliquots = 24
Flow Rate (cfs)
0
20
40
60
80
100
120
140
160
180
200
3/14/99 6:28
3/15/99 6:28
3/16/99 6:28
Time

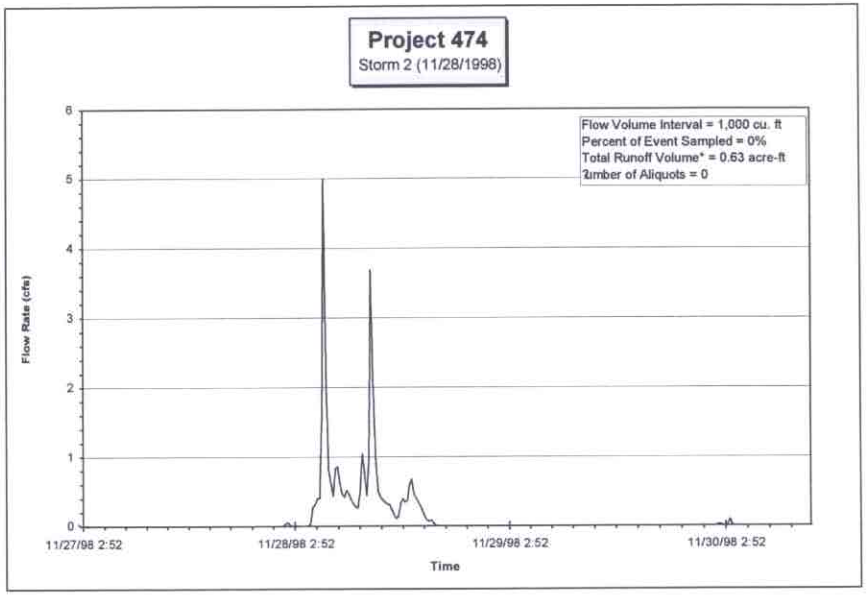

Project 1202
Storm 12 (03/20/1999)
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Flow Volume Interval = 0.17 acre-ft
Percent of Event Sampled = 99.6%
Total Runoff Volume* = 3.7 acre-ft
Number of Aliquots = 22
Flow Rate (cfs)
0
5
10
15
20
25
3/19/99 3:07
3/20/99 3:07
3/21/99 3:07
3/22/99 3:07
Time

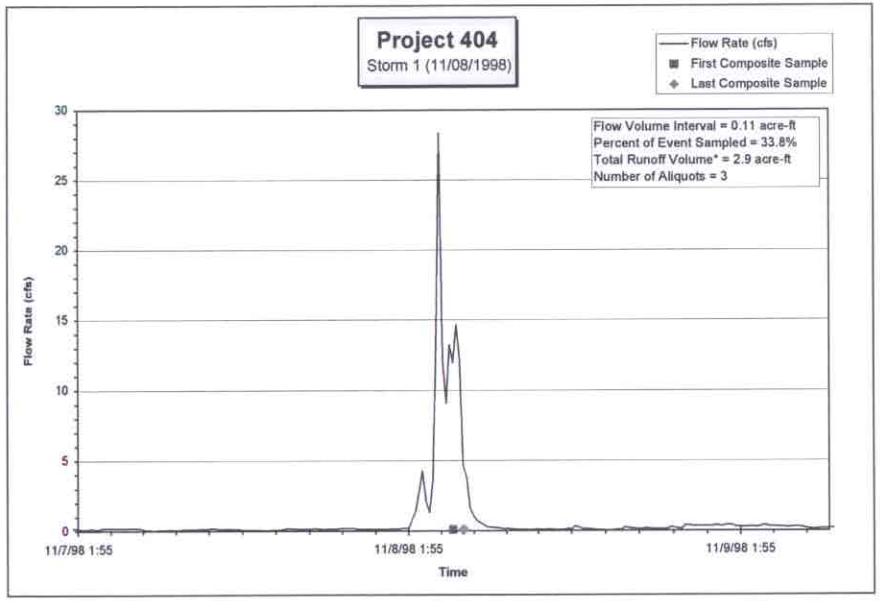

Project 1202
Storm 13 (03/25/1999)
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Flow Volume Interval = 0.17 acre-ft
Percent of Event Sampled = 99.0%
Total Runoff Volume* = 13.7 acre-ft
Number of Aliquots = 43
Flow Rate (cfs)
0
5
10
15
20
25
30
35
40
3/24/99 6:57
3/25/99 6:57
3/26/99 6:57
3/27/99 6:57
Time

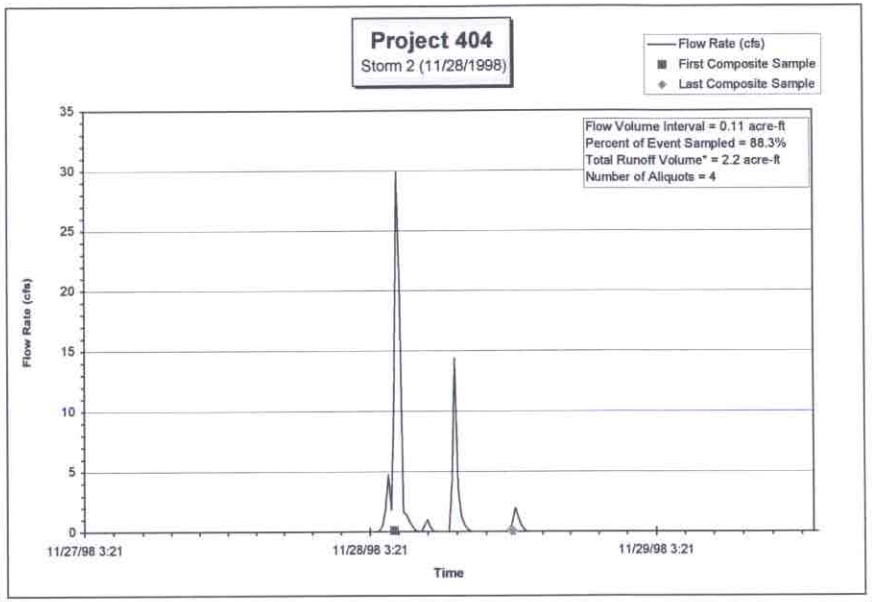

Project 1202
Storm 14 (04/06/1999)
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Flow Volume Interval = 0.17 acre-ft
Percent of Event Sampled = 99.8%
Total Runoff Volume* = 14.9 acre-ft
Number of Aliquots = 50
Flow Rate (cfs)
0
10
20
30
40
50
60
70
80
4/5/99 8:38
4/6/99 8:38
4/7/99 8:38
4/8/99 8:38
Time

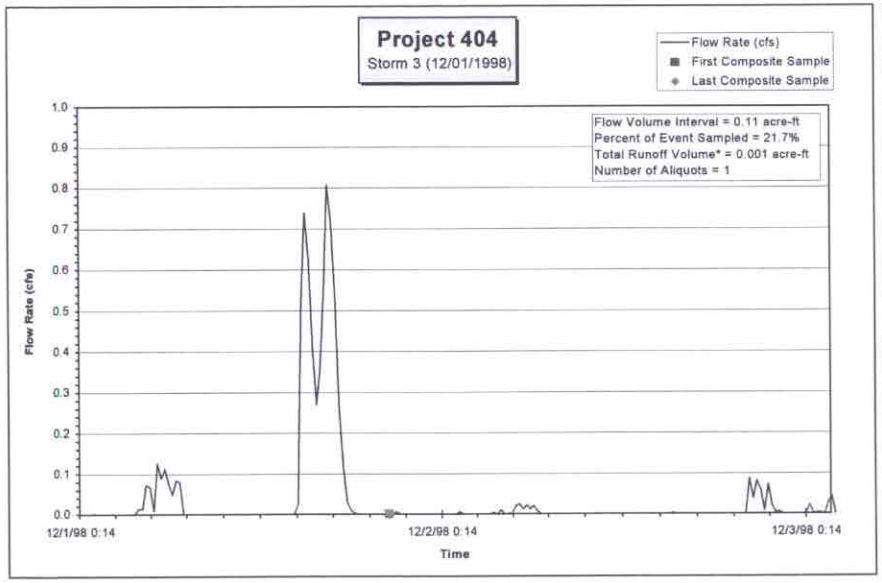

Project 1202
Storm 16 (04/11/1999)
Flow Volume Interval = 0.17 acre-ft
Percent of Event Sampled = 0%
Total Runoff Volume* = 64.7 acre-ft
Number of Aliquots = 0
Flow Rate (cfs)
0
50
100
150
200
250
300
350
4/10/99 12:57
4/11/99 12:57
4/12/99 12:57
4/13/99 12:57
Time

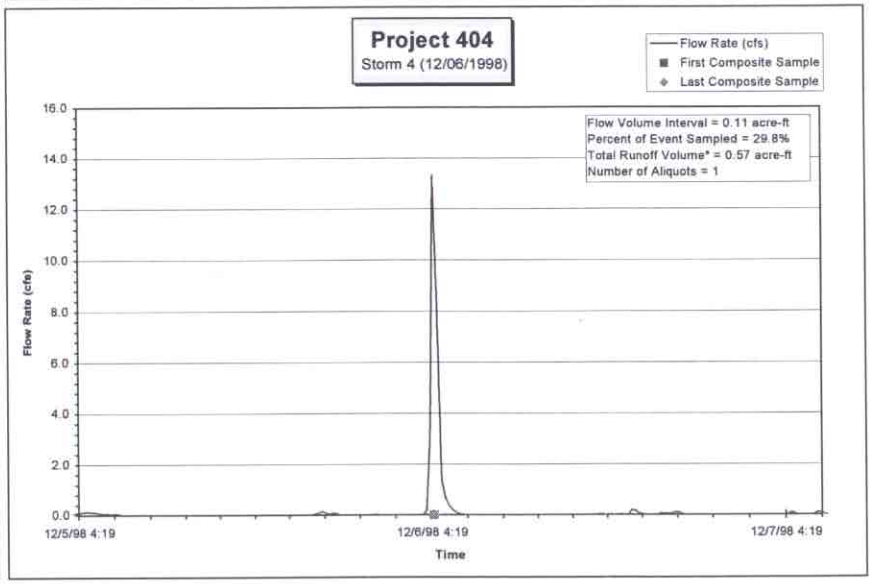

Project 474
Storm 1 (11/08/1998)
Flow Volume Interval = 1,000 cu. ft
Percent of Event Sampled = 0%
Total Runoff Volume* = 1.9 acre-ft
Number of Aliquots = 0
Flow Rate (cfs)
0
2
4
6
8
10
12
14
16
11/6/98 22:48
11/7/98 22:48
11/8/98 22:48
Time

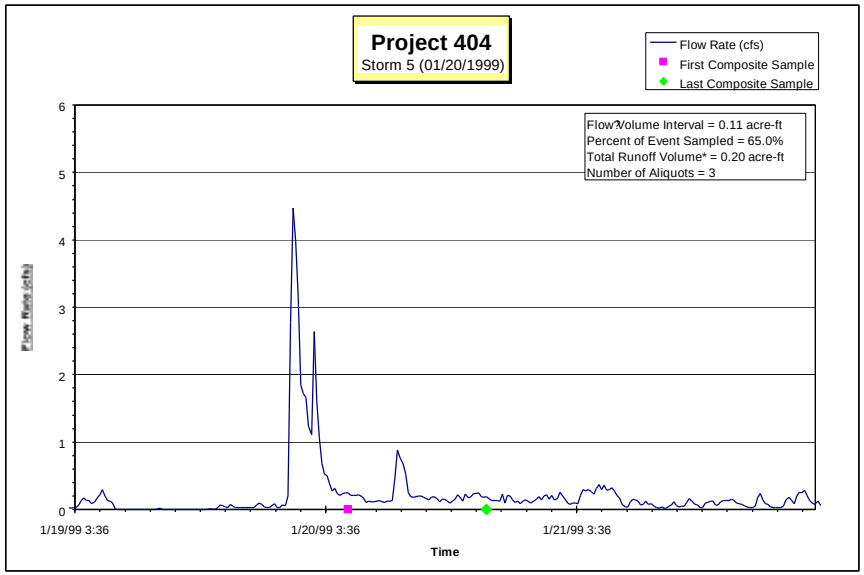

Project 474
Storm 2 (11/28/1998)
Flow Volume Interval = 1,000 cu. ft
Percent of Event Sampled = 0%
Total Runoff Volume* = 0.63 acre-ft
Number of Aliquots = 0
Flow Rate (cfs)
0
1
2
3
4
5
6
11/27/98 2:52
11/28/98 2:52
11/29/98 2:52
11/30/98 2:52
Time

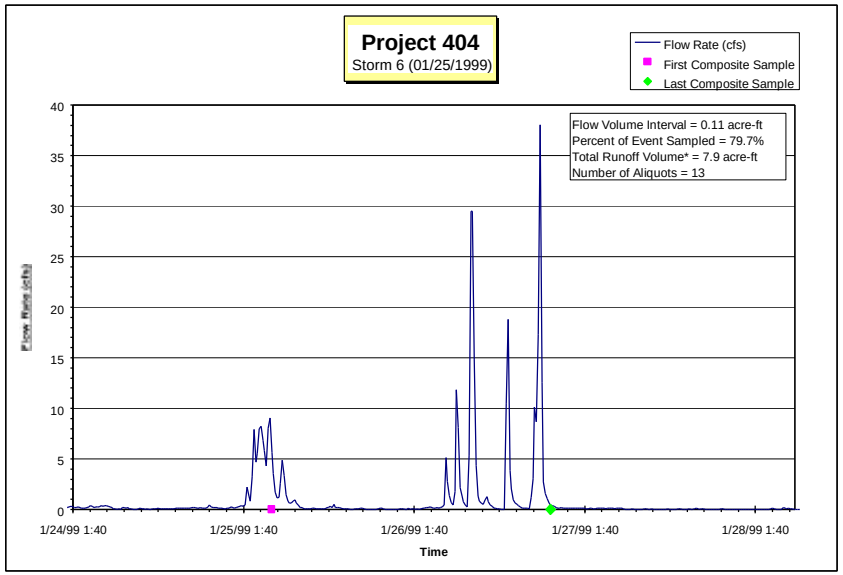

Project 404
Storm 1 (11/08/1998)
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Flow Volume Interval = 0.11 acre-ft
Percent of Event Sampled = 33.8%
Total Runoff Volume* = 2.9 acre-ft
Number of Aliquots = 3
Flow Rate (cfs)
0
5
10
15
20
25
30
11/7/98 1:55
11/8/98 1:55
11/9/98 1:55
Time

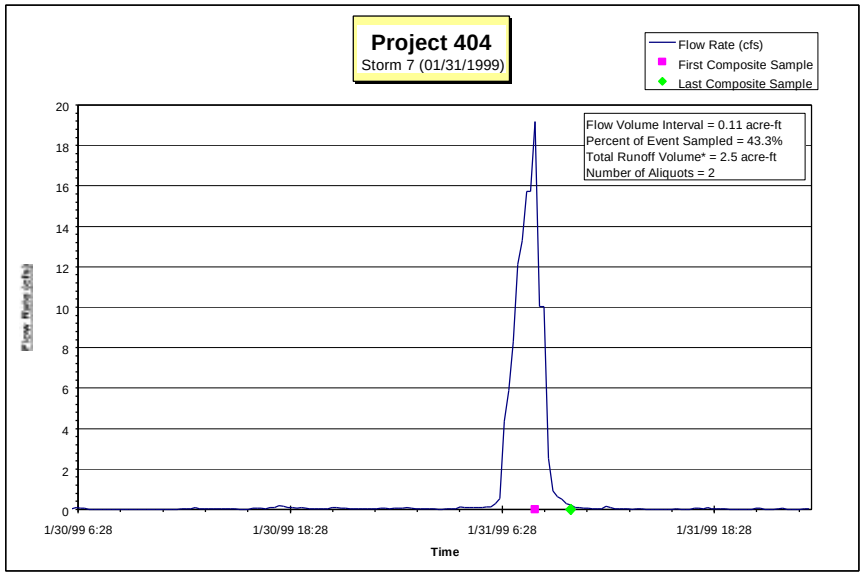

Project 404
Storm 2 (11/28/1998)
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Flow Volume Interval = 0.11 acre-ft
Percent of Event Sampled = 88.3%
Total Runoff Volume* = 2.2 acre-ft
Number of Aliquots = 4
Flow Rate (cfs)
0
5
10
15
20
25
30
35
11/27/98 3:21
11/28/98 3:21
11/29/98 3:21
Time

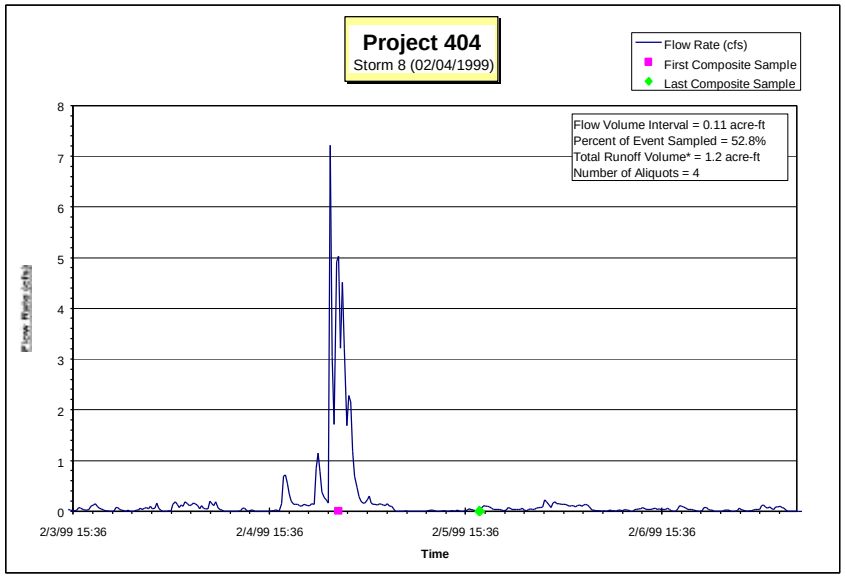

Project 404
Storm 3 (12/01/1998)
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Flow Volume Interval = 0.11 acre-ft
Percent of Event Sampled = 21.7%
Total Runoff Volume* = 0.001 acre-ft
Number of Aliquots = 1
Flow Rate (cfs)
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
12/1/98 0:14
12/2/98 0:14
12/3/98 0:14
Time

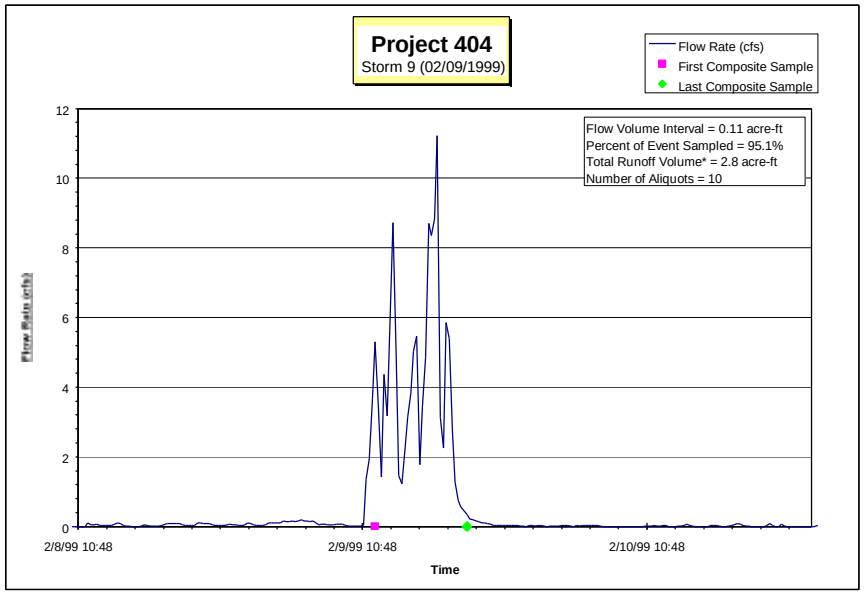

Project 404
Storm 4 (12/06/1998)
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Flow Volume Interval = 0.11 acre-ft
Percent of Event Sampled = 29.8%
Total Runoff Volume* = 0.57 acre-ft
Number of Aliquots = 1
Flow Rate (cfs)
0.0
2.0
4.0
6.0
8.0
10.0
12.0
14.0
16.0
12/5/98 4:19
12/6/98 4:19
12/7/98 4:19
Time

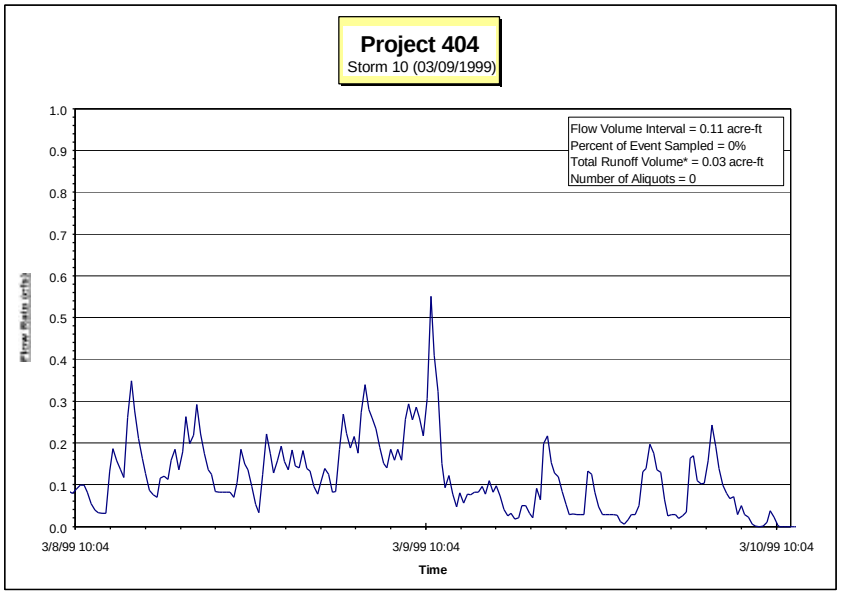

Project 404
Storm 5 (01/20/1999)
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Flow Volume Interval = 0.11 acre-ft
Percent of Event Sampled = 65.0%
Total Runoff Volume* = 0.20 acre-ft
Number of Aliquots = 3
Flow Rate (cfs)
0
1
2
3
4
5
6
1/19/99 3:36
1/20/99 3:36
1/21/99 3:36
Time

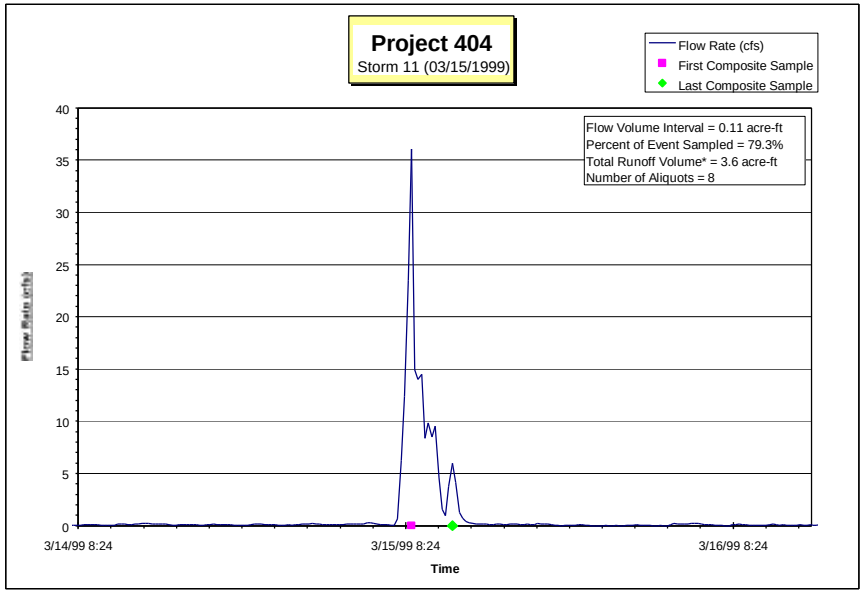

Project 404
Storm 6 (01/25/1999)
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Flow Volume Interval = 0.11 acre-ft
Percent of Event Sampled = 79.7%
Total Runoff Volume* = 7.9 acre-ft
Number of Aliquots = 13
Flow Rate (cfs)
0
5
10
15
20
25
30
35
40
1/24/99 1:40
1/25/99 1:40
1/26/99 1:40
1/27/99 1:40
1/28/99 1:40
Time

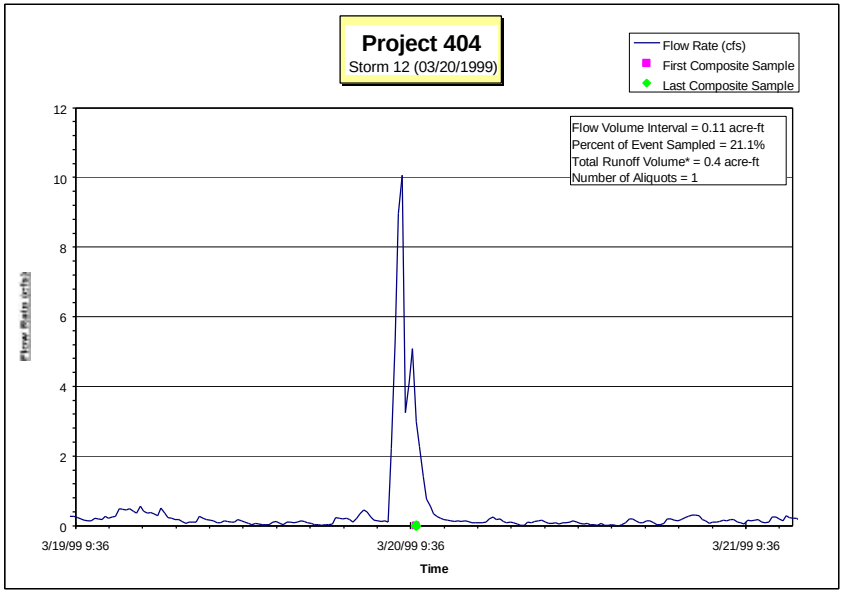

Project 404
Storm 7 (01/31/1999)
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Flow Volume Interval = 0.11 acre-ft
Percent of Event Sampled = 43.3%
Total Runoff Volume* = 2.5 acre-ft
Number of Aliquots = 2
Flow Rate (cfs)
0
2
4
6
8
10
12
14
16
18
20
1/30/99 6:28
1/30/99 18:28
1/31/99 6:28
1/31/99 18:28
Time

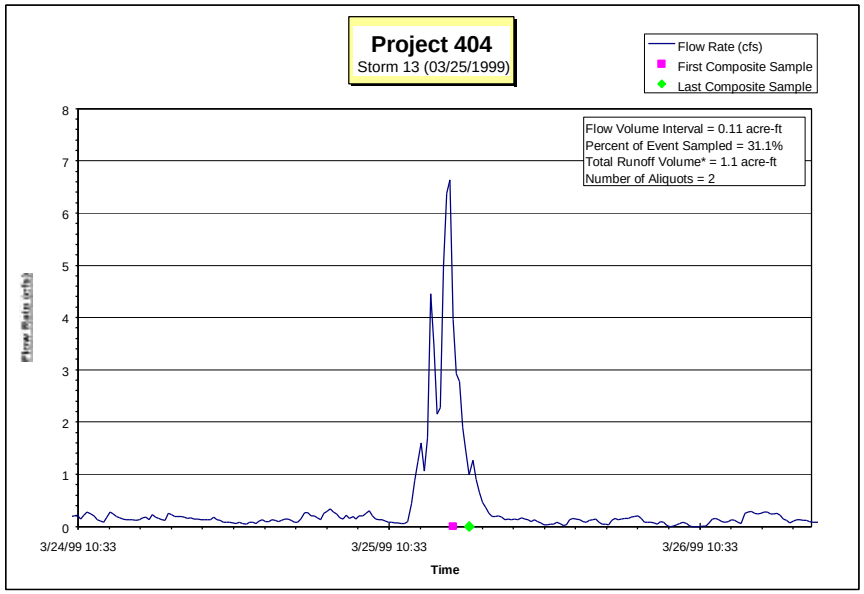

Project 404
Storm 8 (02/04/1999)
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Flow Volume Interval = 0.11 acre-ft
Percent of Event Sampled = 52.8%
Total Runoff Volume* = 1.2 acre-ft
Number of Aliquots = 4
Flow Rate (cfs)
0
1
2
3
4
5
6
7
8
2/3/99 15:36
2/4/99 15:36
2/5/99 15:36
2/6/99 15:36
Time

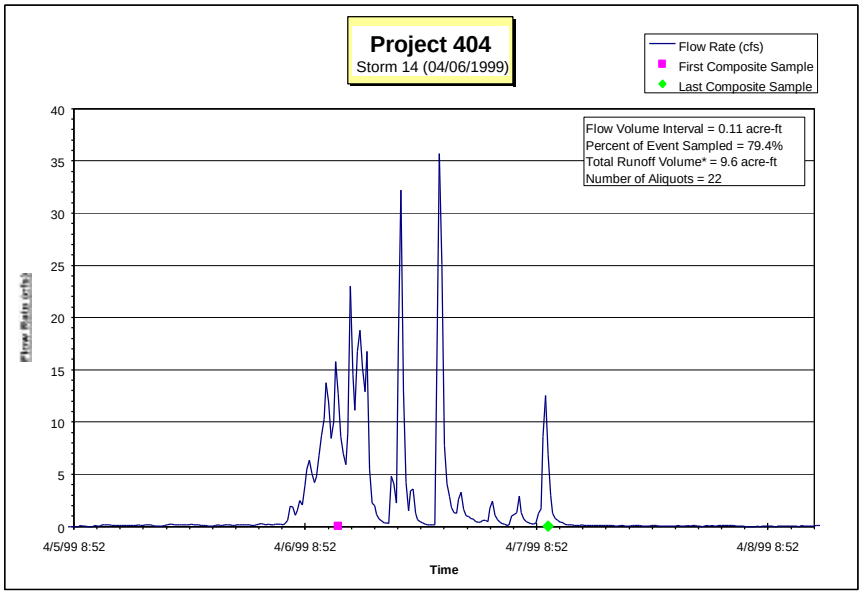

Project 404
Storm 9 (02/09/1999)
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Flow Volume Interval = 0.11 acre-ft
Percent of Event Sampled = 95.1%
Total Runoff Volume* = 2.8 acre-ft
Number of Aliquots = 10
Flow Rate (cfs)
0
2
4
6
8
10
12
2/8/99 10:48
2/9/99 10:48
2/10/99 10:48
Time

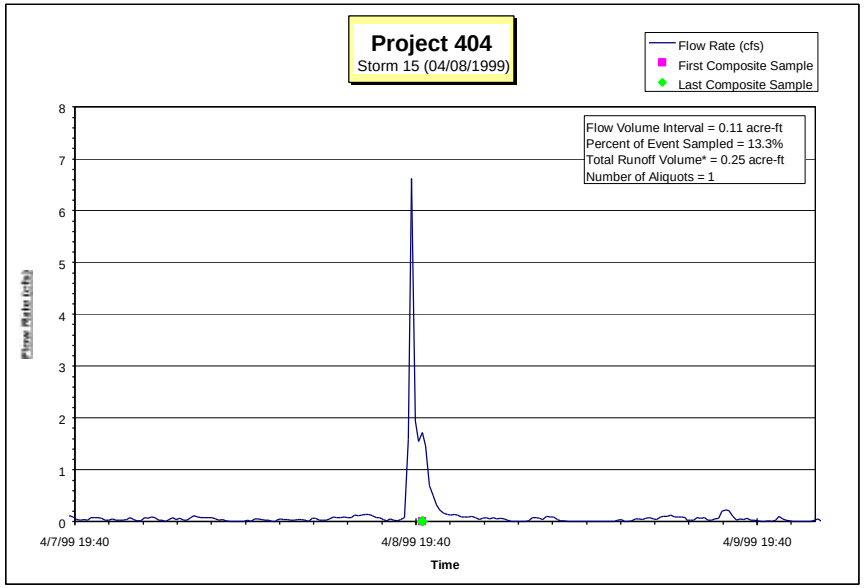

Project 404
Storm 10 (03/09/1999)
Flow Volume Interval = 0.11 acre-ft
Percent of Event Sampled = 0%
Total Runoff Volume* = 0.03 acre-ft
Number of Aliquots = 0
Flow Rate (cfs)
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
3/8/99 10:04
3/9/99 10:04
3/10/99 10:04
Time

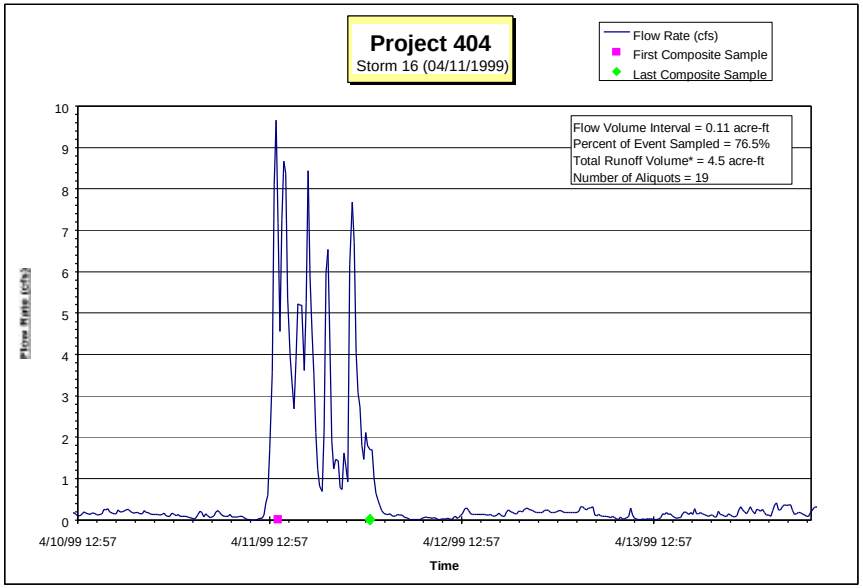

Project 404
Storm 11 (03/15/1999)
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Flow Volume Interval = 0.11 acre-ft
Percent of Event Sampled = 79.3%
Total Runoff Volume* = 3.6 acre-ft
Number of Aliquots = 8
Flow Rate (cfs)
0
5
10
15
20
25
30
35
40
3/14/99 8:24
3/15/99 8:24
3/16/99 8:24
Time

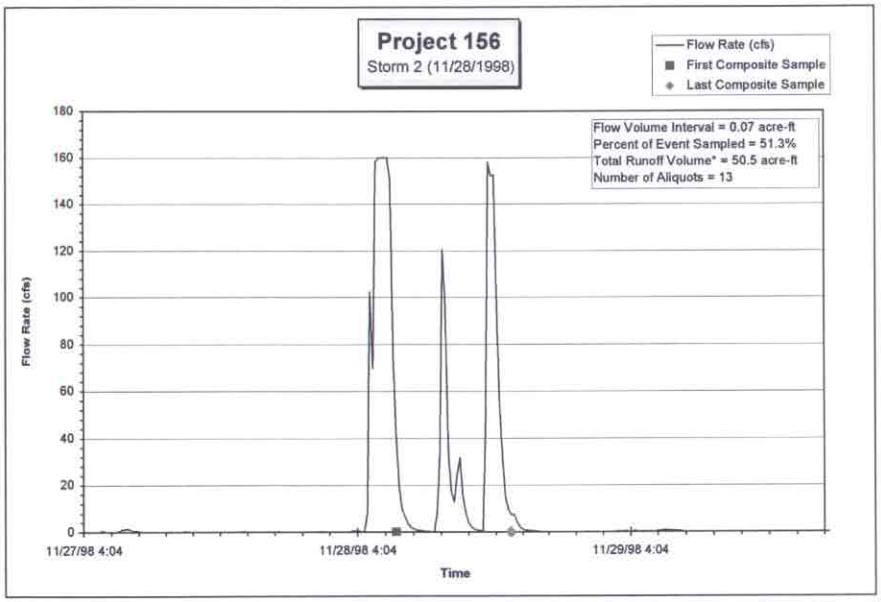

Project 404
Storm 12 (03/20/1999)
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Flow Volume Interval = 0.11 acre-ft
Percent of Event Sampled = 21.1%
Total Runoff Volume* = 0.4 acre-ft
Number of Aliquots = 1
Flow Rate (cfs)
0
2
4
6
8
10
12
3/19/99 9:36
3/20/99 9:36
3/21/99 9:36
Time

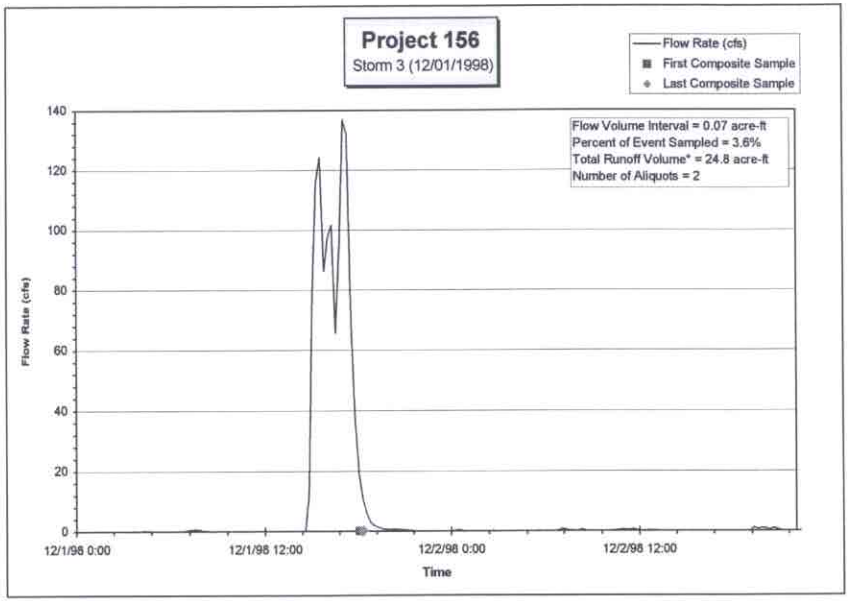

Project 404
Storm 13 (03/25/1999)
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Flow Volume Interval = 0.11 acre-ft
Percent of Event Sampled = 31.1%
Total Runoff Volume* = 1.1 acre-ft
Number of Aliquots = 2
Flow Rate (cfs)
0
1
2
3
4
5
6
7
8
3/24/99 10:33
3/25/99 10:33
3/26/99 10:33
Time

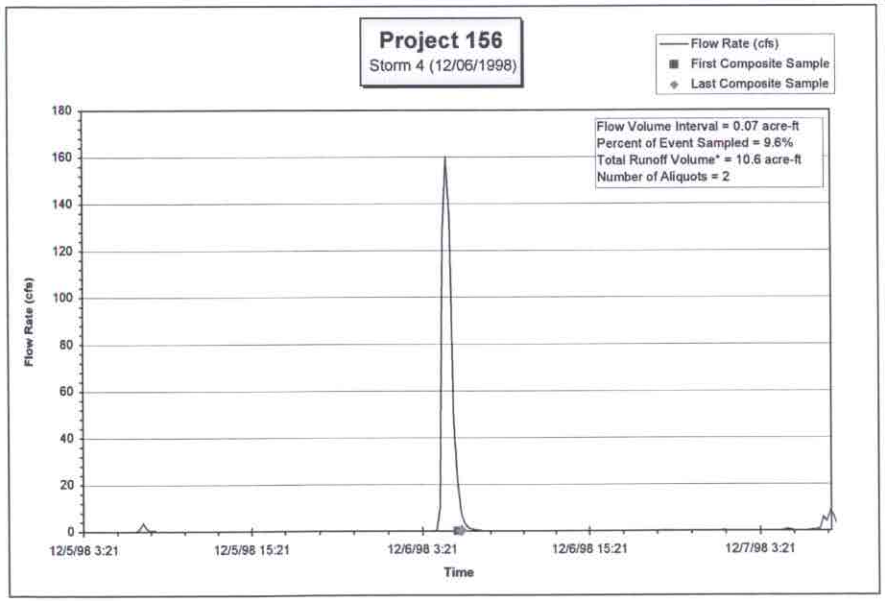

Project 404
Storm 14 (04/06/1999)
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Flow Volume Interval = 0.11 acre-ft
Percent of Event Sampled = 79.4%
Total Runoff Volume* = 9.6 acre-ft
Number of Aliquots = 22
Flow Rate (cfs)
0
5
10
15
20
25
30
35
40
4/5/99 8:52
4/6/99 8:52
4/7/99 8:52
4/8/99 8:52
Time

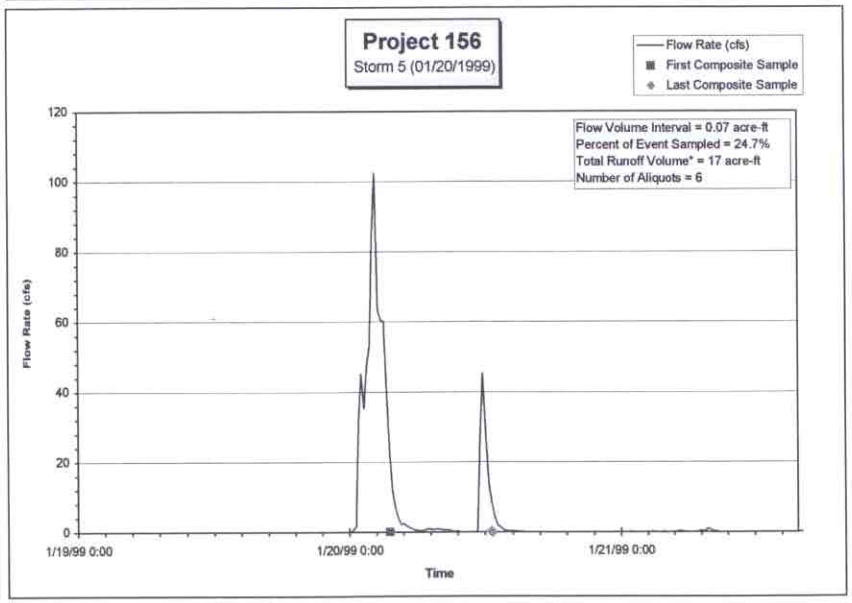

Project 404
Storm 15 (04/08/1999)
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Flow Volume Interval = 0.11 acre-ft
Percent of Event Sampled = 13.3%
Total Runoff Volume* = 0.25 acre-ft
Number of Aliquots = 1
Flow Rate (cfs)
0
1
2
3
4
5
6
7
8
4/7/99 19:40
4/8/99 19:40
4/9/99 19:40
Time

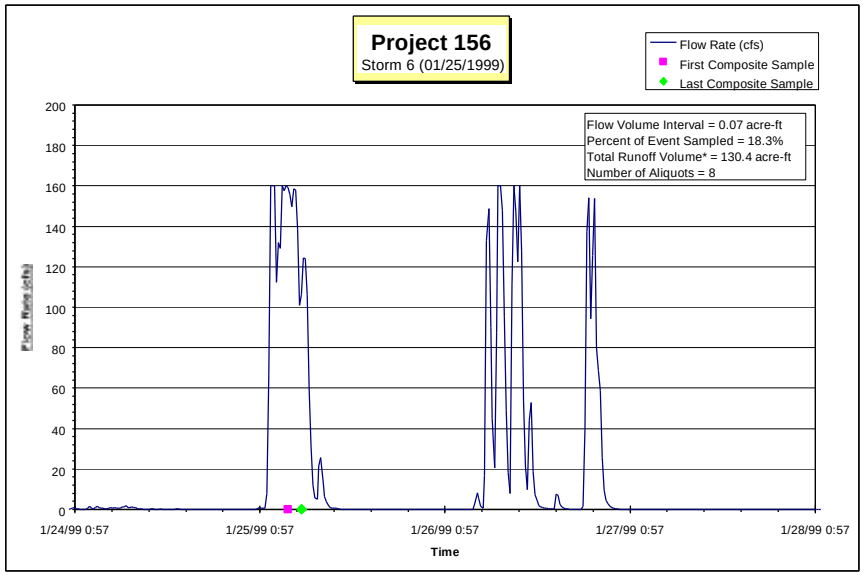

Project 404
Storm 16 (04/11/1999)
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Flow Volume Interval = 0.11 acre-ft
Percent of Event Sampled = 76.5%
Total Runoff Volume* = 4.5 acre-ft
Number of Aliquots = 19
Flow Rate (cfs)
0
1
2
3
4
5
6
7
8
9
10
4/10/99 12:57
4/11/99 12:57
4/12/99 12:57
4/13/99 12:57
Time

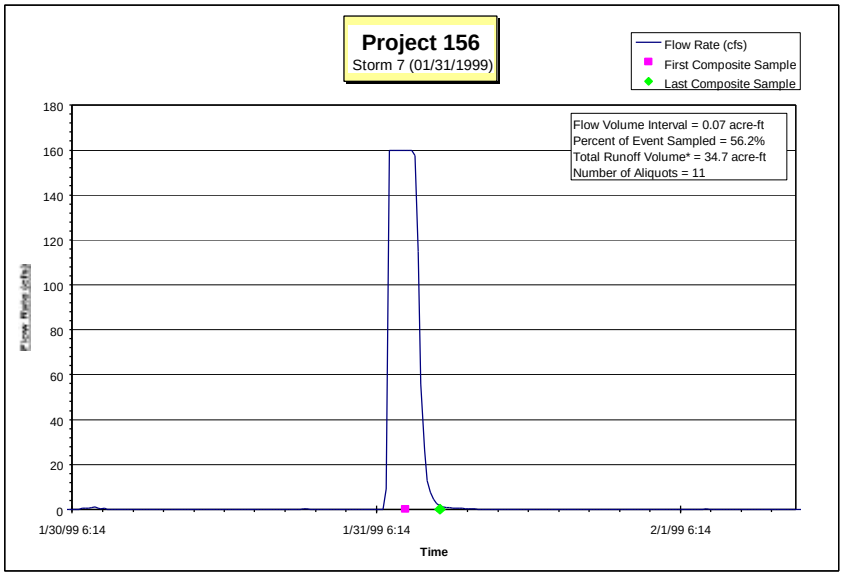

Project 156
Storm 2 (11/28/1998)
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Flow Volume Interval = 0.07 acre-ft
Percent of Event Sampled = 51.3%
Total Runoff Volume* = 50.5 acre-ft
Number of Aliquots = 13
Flow Rate (cfs)
180
160
140
120
100
80
60
40
20
0
11/27/98 4:04
11/28/98 4:04
11/29/98 4:04
Time

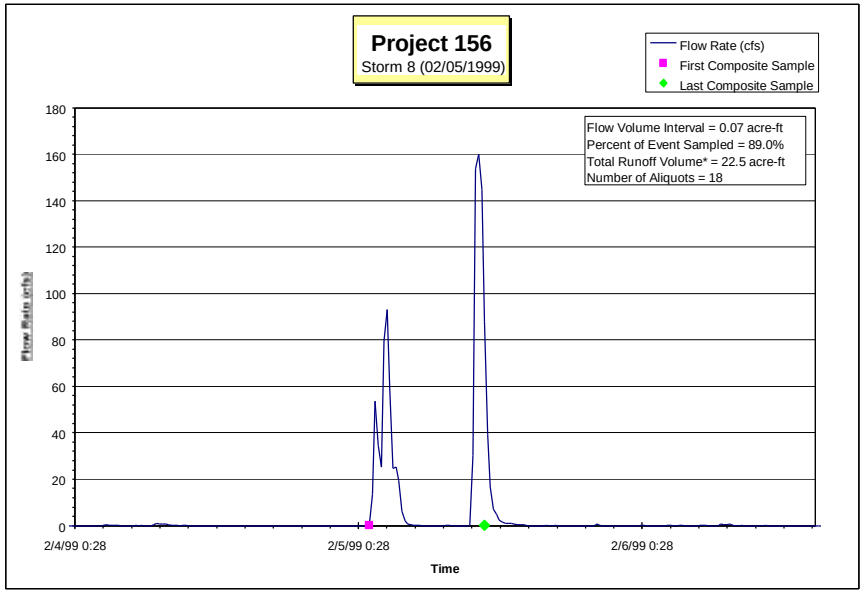

Project 156
Storm 3 (12/01/1998)
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Flow Volume Interval = 0.07 acre-ft
Percent of Event Sampled = 3.6%
Total Runoff Volume* = 24.8 acre-ft
Number of Aliquots = 2
Flow Rate (cfs)
140
120
100
80
60
40
20
0
12/1/98 0:00
12/1/98 12:00
12/2/98 0:00
12/2/98 12:00
Time

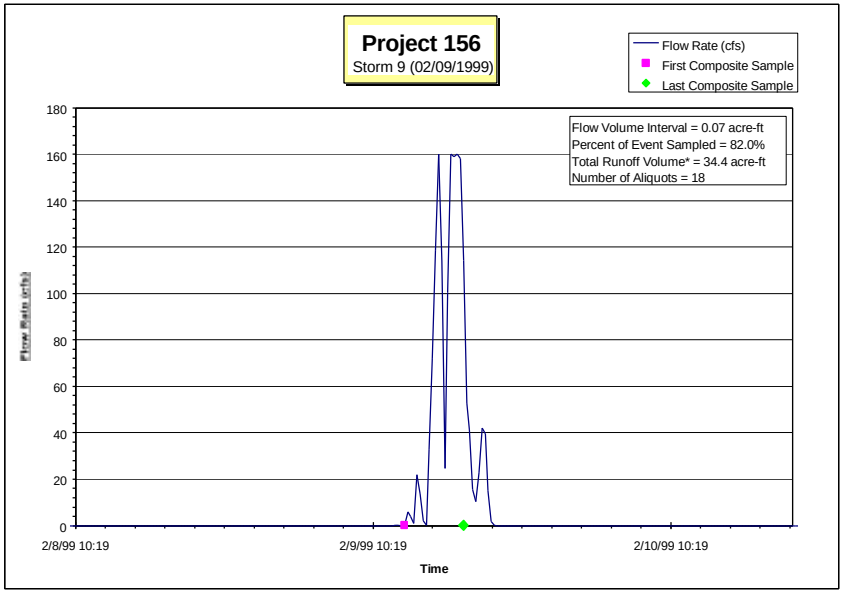

Project 156
Storm 4 (12/06/1998)
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Flow Volume Interval = 0.07 acre-ft
Percent of Event Sampled = 9.6%
Total Runoff Volume* = 10.6 acre-ft
Number of Aliquots = 2
Flow Rate (cfs)
180
160
140
120
100
80
60
40
20
0
12/5/98 3:21
12/5/98 15:21
12/6/98 3:21
12/6/98 15:21
12/7/98 3:21
Time

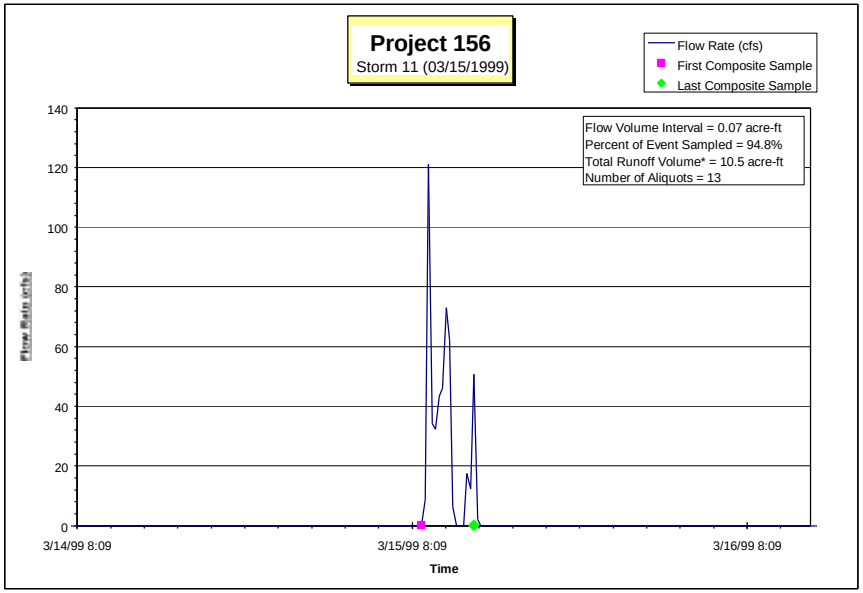

Project 156
Storm 5 (01/20/1999)
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Flow Volume Interval = 0.07 acre-ft
Percent of Event Sampled = 24.7%
Total Runoff Volume* = 17 acre-ft
Number of Aliquots = 6
Flow Rate (cfs)
120
100
80
60
40
20
0
1/19/99 0:00
1/20/99 0:00
1/21/99 0:00
Time

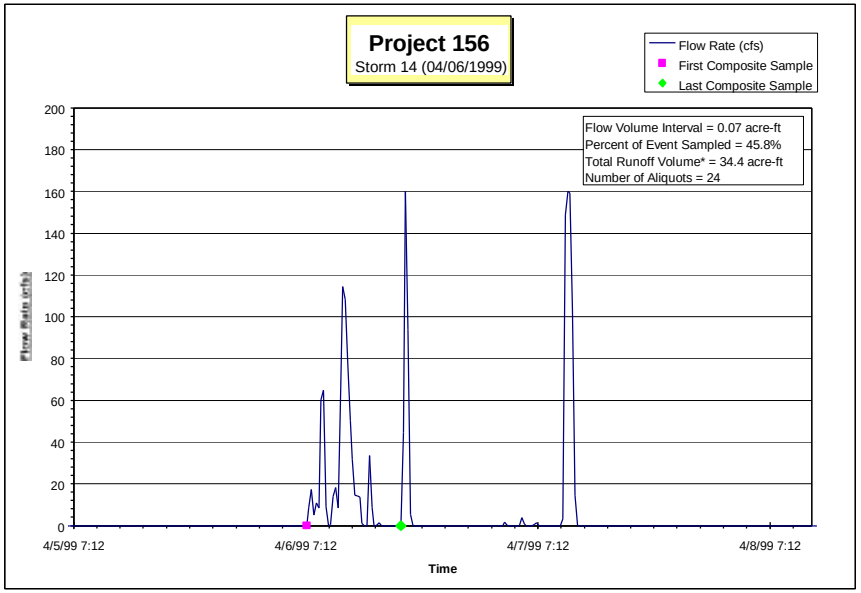

Project 156
Storm 6 (01/25/1999)
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Flow Volume Interval = 0.07 acre-ft
Percent of Event Sampled = 18.3%
Total Runoff Volume* = 130.4 acre-ft
Number of Aliquots = 8
Flow Rate (cfs)
0
20
40
60
80
100
120
140
160
180
200
1/24/99 0:57
1/25/99 0:57
1/26/99 0:57
1/27/99 0:57
1/28/99 0:57
Time

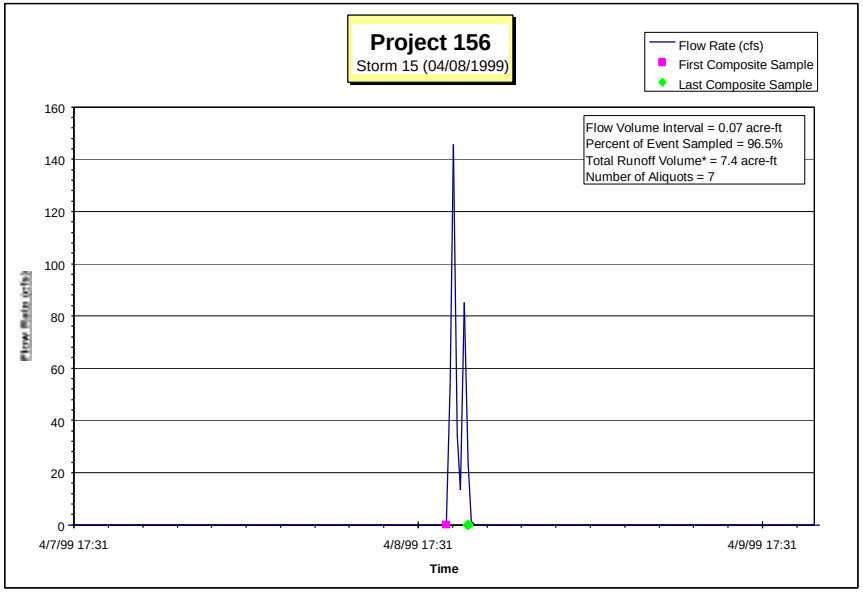

Project 156
Storm 7 (01/31/1999)
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Flow Volume Interval = 0.07 acre-ft
Percent of Event Sampled = 56.2%
Total Runoff Volume* = 34.7 acre-ft
Number of Aliquots = 11
Flow Rate (cfs)
0
20
40
60
80
100
120
140
160
180
1/30/99 6:14
1/31/99 6:14
2/1/99 6:14
Time

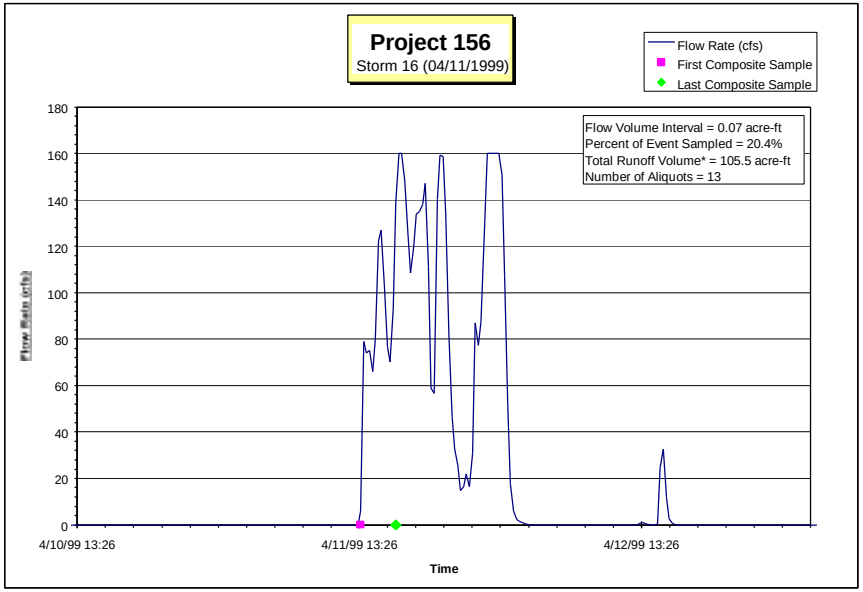

Project 156
Storm 8 (02/05/1999)
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Flow Volume Interval = 0.07 acre-ft
Percent of Event Sampled = 89.0%
Total Runoff Volume* = 22.5 acre-ft
Number of Aliquots = 18
Flow Rate (cfs)
0
20
40
60
80
100
120
140
160
180
2/4/99 0:28
2/5/99 0:28
2/6/99 0:28
Time


Project 156
Storm 9 (02/09/1999)
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Flow Volume Interval = 0.07 acre-ft
Percent of Event Sampled = 82.0%
Total Runoff Volume* = 34.4 acre-ft
Number of Aliquots = 18
Flow Rate (cfs)
0
20
40
60
80
100
120
140
160
180
2/8/99 10:19
2/9/99 10:19
2/10/99 10:19
Time


Project 156
Storm 11 (03/15/1999)
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Flow Volume Interval = 0.07 acre-ft
Percent of Event Sampled = 94.8%
Total Runoff Volume* = 10.5 acre-ft
Number of Aliquots = 13
Flow Rate (cfs)
0
20
40
60
80
100
120
140
3/14/99 8:09
3/15/99 8:09
3/16/99 8:09
Time


Project 156
Storm 14 (04/06/1999)
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Flow Volume Interval = 0.07 acre-ft
Percent of Event Sampled = 45.8%
Total Runoff Volume* = 34.4 acre-ft
Number of Aliquots = 24
Flow Rate (cfs)
0
20
40
60
80
100
120
140
160
180
200
4/5/99 7:12
4/6/99 7:12
4/7/99 7:12
4/8/99 7:12
Time


Project 156
Storm 15 (04/08/1999)
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Flow Volume Interval = 0.07 acre-ft
Percent of Event Sampled = 96.5%
Total Runoff Volume* = 7.4 acre-ft
Number of Aliquots = 7
Flow Rate (cfs)
0
20
40
60
80
100
120
140
160
4/7/99 17:31
4/8/99 17:31
4/9/99 17:31
Time


Project 156
Storm 16 (04/11/1999)
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Flow Volume Interval = 0.07 acre-ft
Percent of Event Sampled = 20.4%
Total Runoff Volume* = 105.5 acre-ft
Number of Aliquots = 13
Flow Rate (cfs)
0
20
40
60
80
100
120
140
160
180
4/10/99 13:26
4/11/99 13:26
4/12/99 13:26
Time