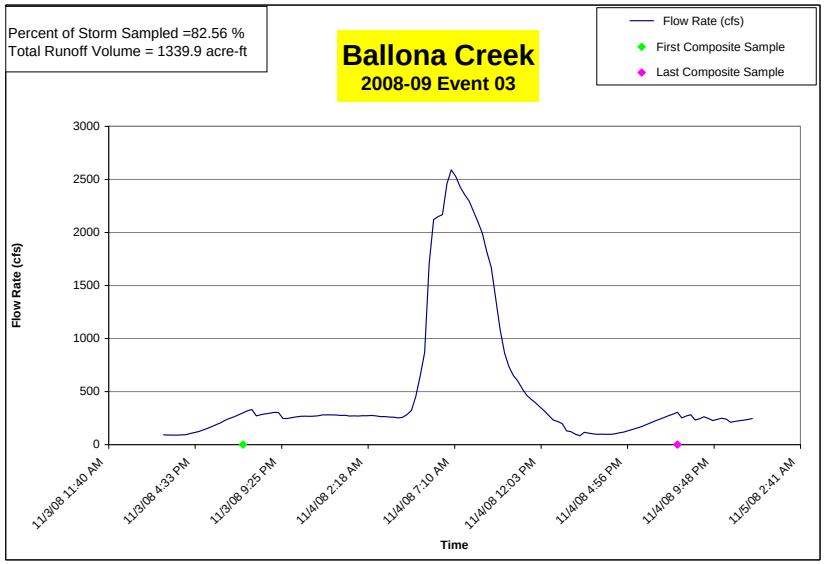
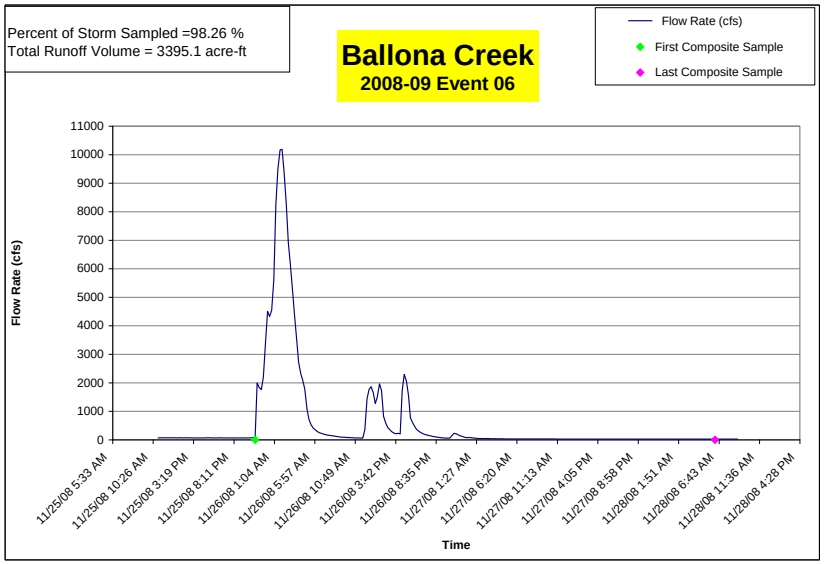
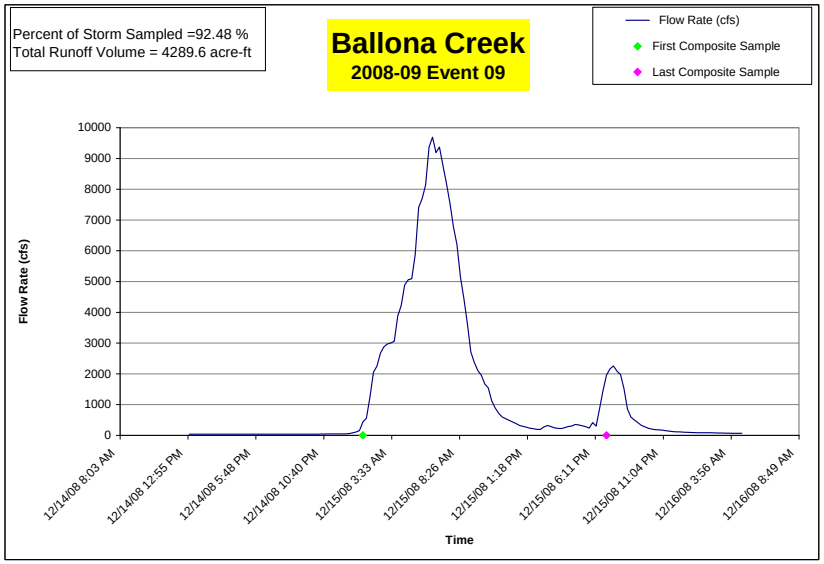
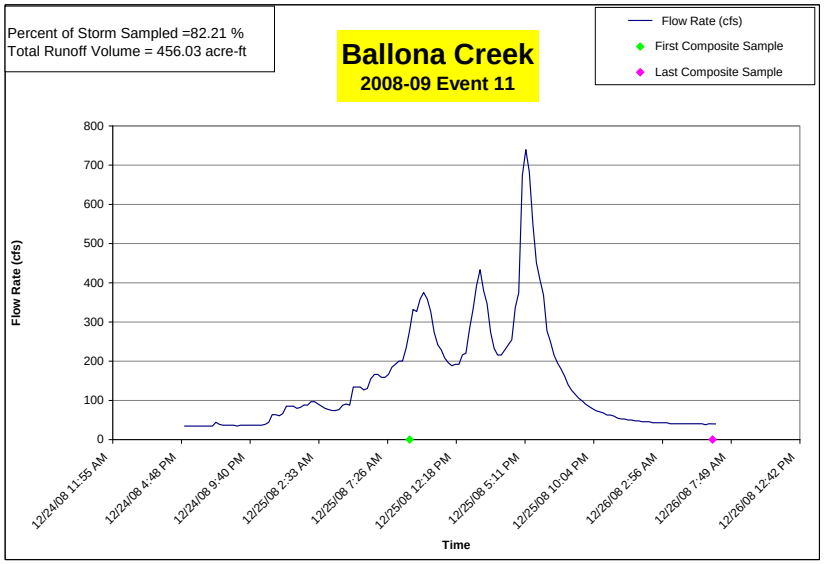
APPENDIX A

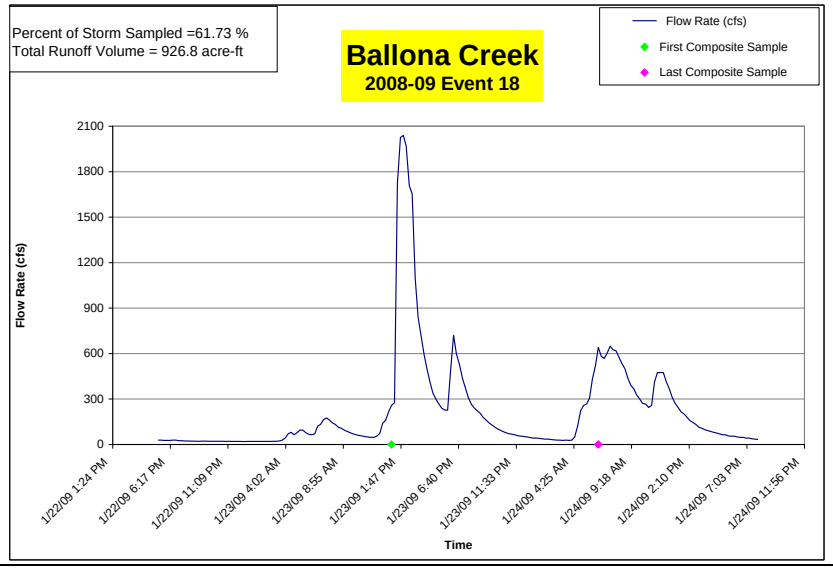
Hydrographs for Catchments Monitored During Storms

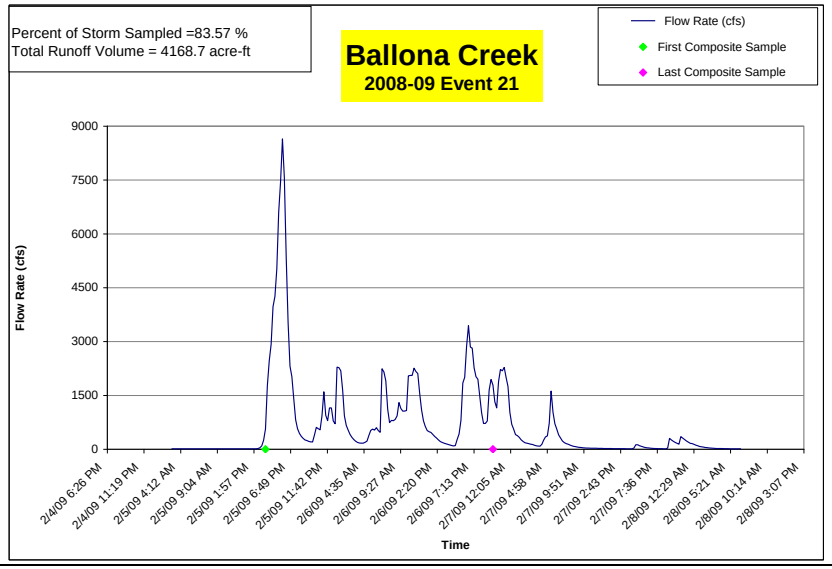

Percent of Storm Sampled =82.56 %
Total Runoff Volume = 1339.9 acre-ft
Ballona Creek
2008-09 Event 03
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Flow Rate (cfs)
Time

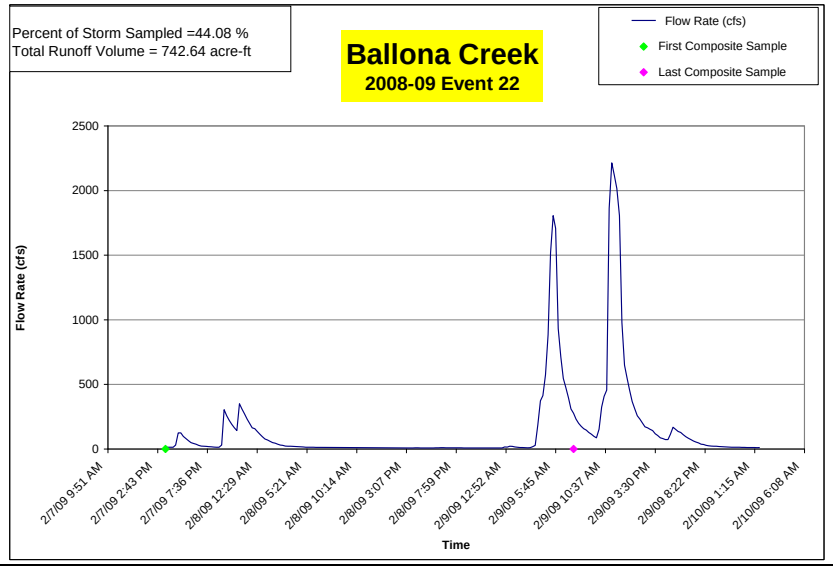

Percent of Storm Sampled =98.26 %
Total Runoff Volume = 3395.1 acre-ft
Ballona Creek
2008-09 Event 06
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Flow Rate (cfs)
Time

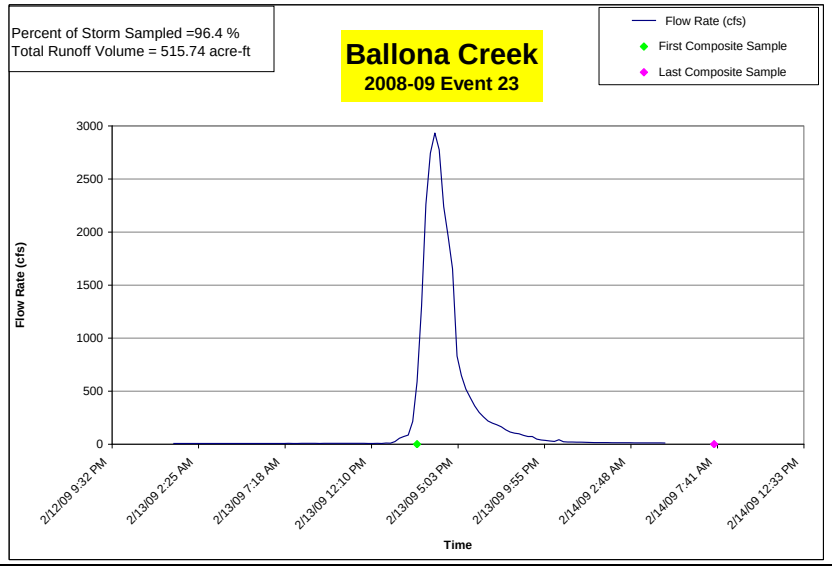

Percent of Storm Sampled =92.48 %
Total Runoff Volume = 4289.6 acre-ft
Ballona Creek
2008-09 Event 09
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Flow Rate (cfs)
Time

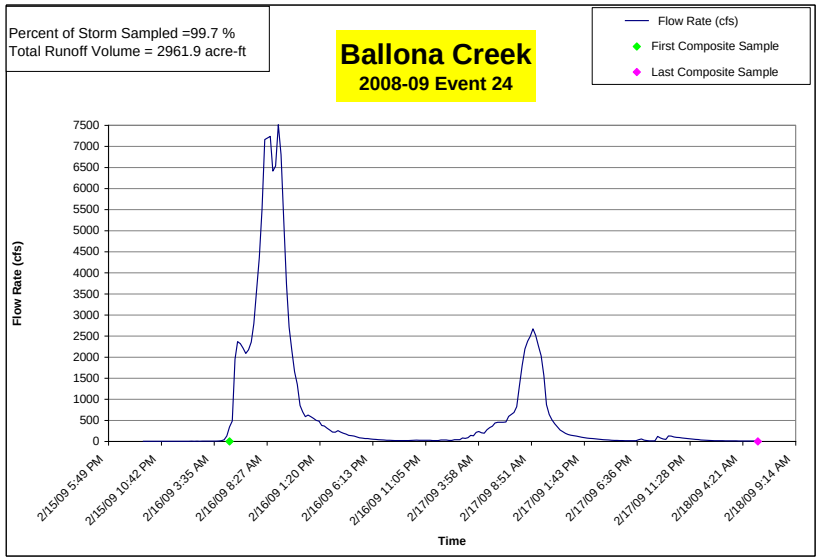

Percent of Storm Sampled =82.21 %
Total Runoff Volume = 456.03 acre-ft
Ballona Creek
2008-09 Event 11
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Flow Rate (cfs)
Time

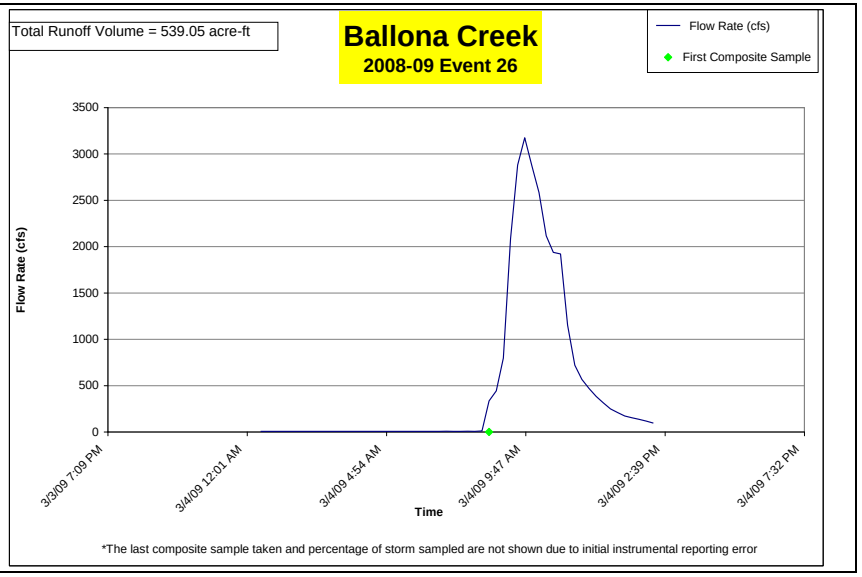

Percent of Storm Sampled =61.73 %
Total Runoff Volume = 926.8 acre-ft
Ballona Creek
2008-09 Event 18
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Flow Rate (cfs)
Time

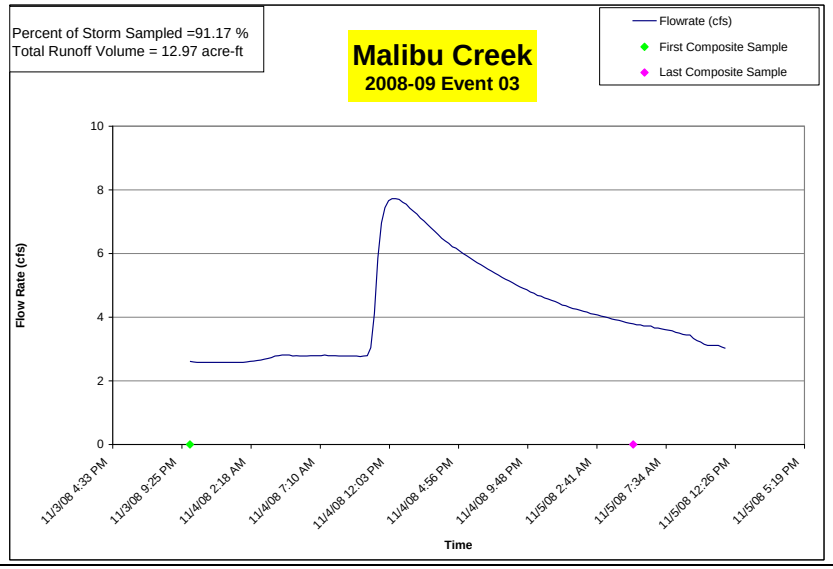

Percent of Storm Sampled =83.57 %
Total Runoff Volume = 4168.7 acre-ft
Ballona Creek
2008-09 Event 21
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Flow Rate (cfs)
Time

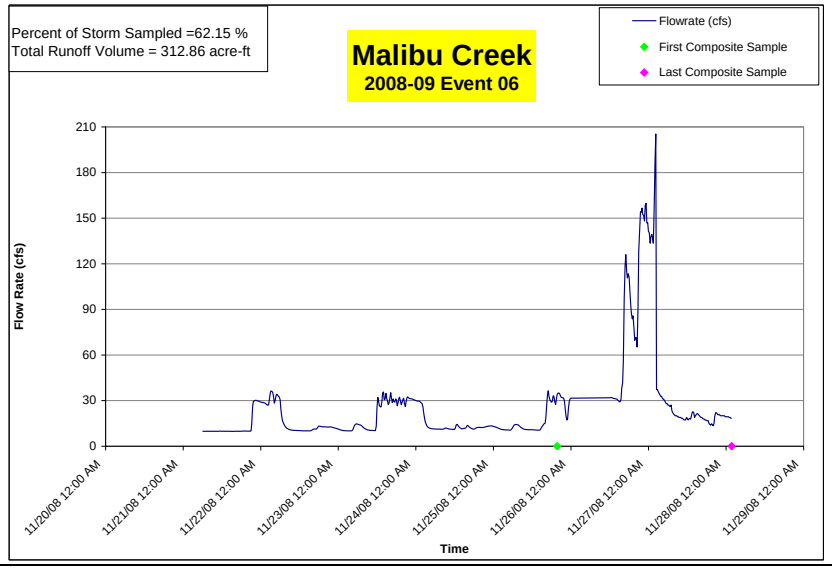

Percent of Storm Sampled =44.08 %
Total Runoff Volume = 742.64 acre-ft
Ballona Creek
2008-09 Event 22
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Flow Rate (cfs)
Time

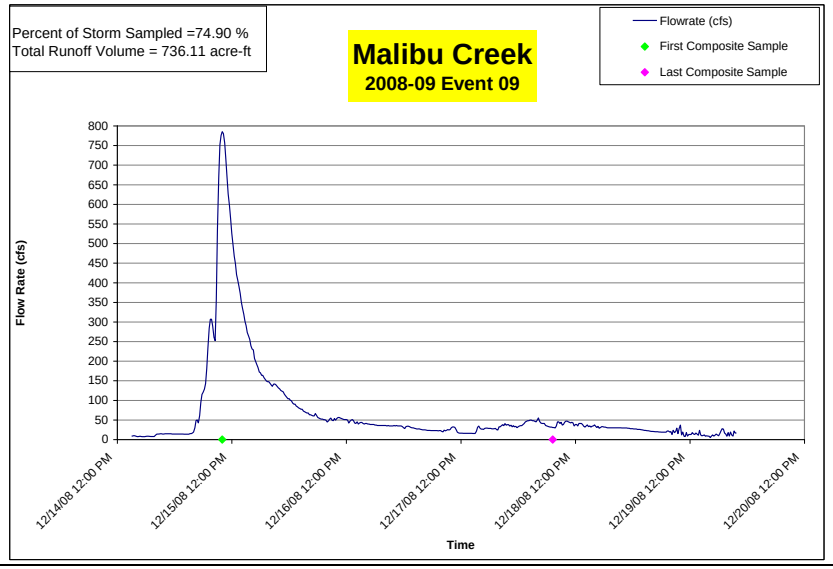

Percent of Storm Sampled =96.4 %
Total Runoff Volume = 515.74 acre-ft
Ballona Creek
2008-09 Event 23
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Flow Rate (cfs)
Time

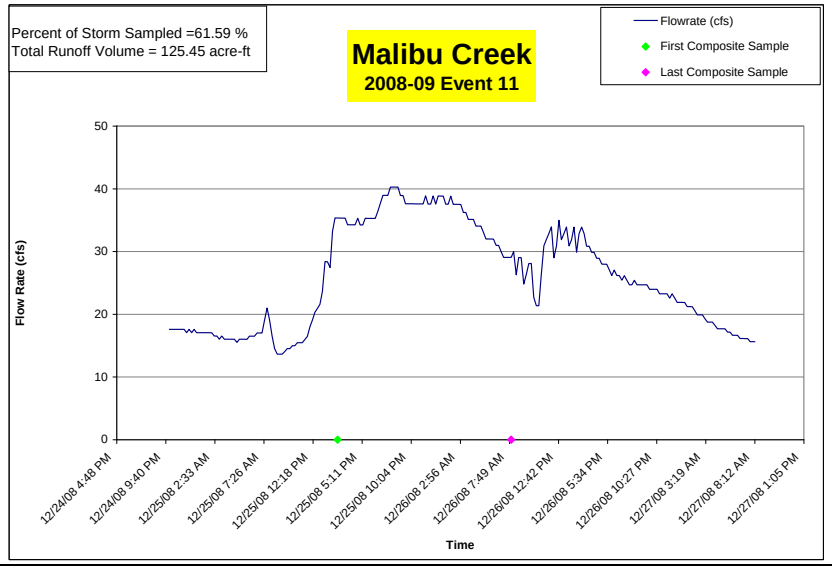

Percent of Storm Sampled =99.7 %
Total Runoff Volume = 2961.9 acre-ft
Ballona Creek
2008-09 Event 24
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Flow Rate (cfs)
7500
7000
6500
6000
5500
5000
4500
4000
3500
3000
2500
2000
1500
1000
500
0
2/15/09 5:49 PM
2/15/09 10:42 PM
2/16/09 3:35 AM
2/16/09 8:27 AM
2/16/09 1:20 PM
2/16/09 6:13 PM
2/16/09 11:05 PM
2/17/09 3:58 AM
2/17/09 8:51 AM
2/17/09 1:43 PM
2/17/09 6:36 PM
2/17/09 11:28 PM
2/18/09 4:21 AM
2/18/09 9:14 AM
Time

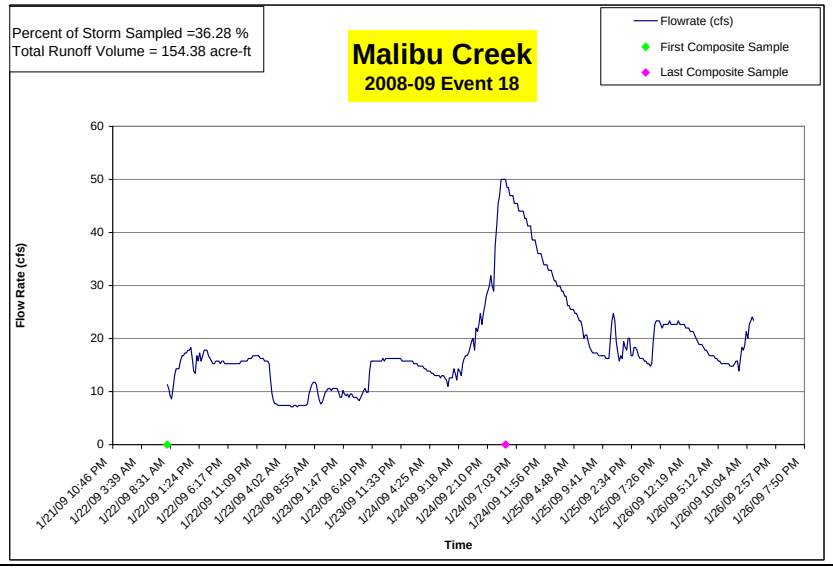

Total Runoff Volume = 539.05 acre-ft
Ballona Creek
2008-09 Event 26
Flow Rate (cfs)
First Composite Sample
Flow Rate (cfs)
3500
3000
2500
2000
1500
1000
500
0
3/3/09 7:09 PM
3/4/09 12:01 AM
3/4/09 4:54 AM
3/4/09 9:47 AM
3/4/09 2:39 PM
3/4/09 7:32 PM
Time
*The last composite sample taken and percentage of storm sampled are not shown due to initial instrumental reporting error

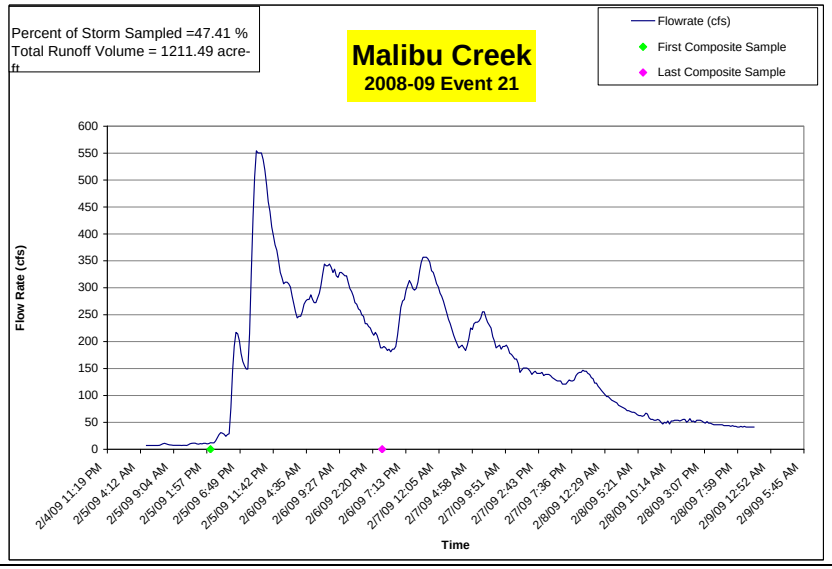

Percent of Storm Sampled =91.17 %
Total Runoff Volume = 12.97 acre-ft
Malibu Creek
2008-09 Event 03
Flowrate (cfs)
First Composite Sample
Last Composite Sample
Flow Rate (cfs)
Time

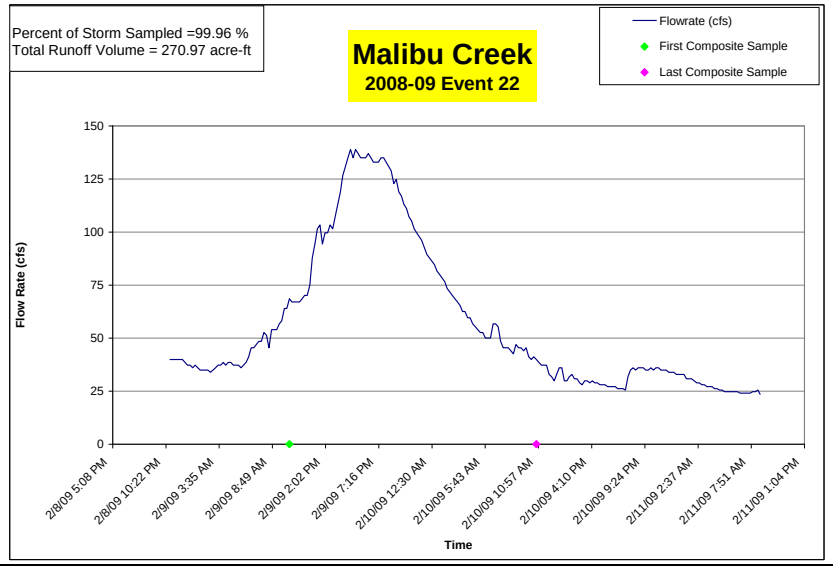

Percent of Storm Sampled =62.15 %
Total Runoff Volume = 312.86 acre-ft
Malibu Creek
2008-09 Event 06
Flowrate (cfs)
First Composite Sample
Last Composite Sample
Flow Rate (cfs)
Time

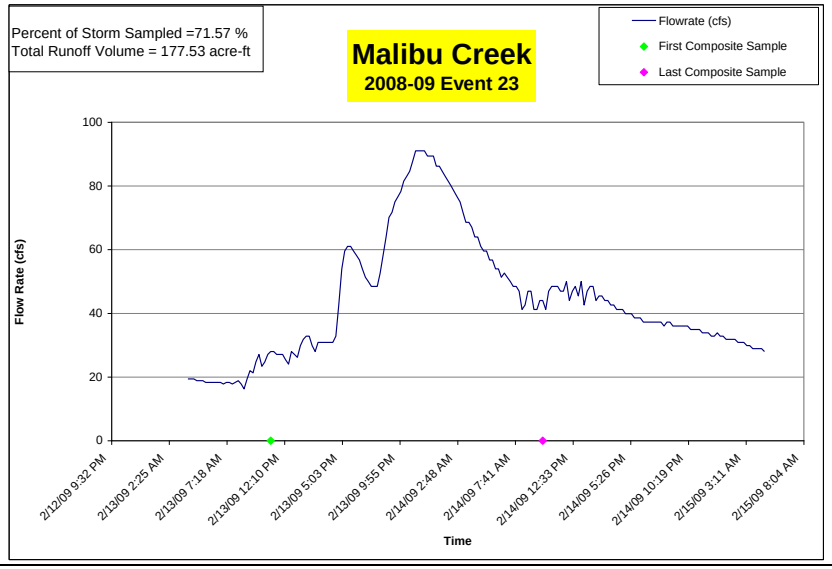

Percent of Storm Sampled =74.90 %
Total Runoff Volume = 736.11 acre-ft
Malibu Creek
2008-09 Event 09
Flowrate (cfs)
First Composite Sample
Last Composite Sample
Flow Rate (cfs)
Time

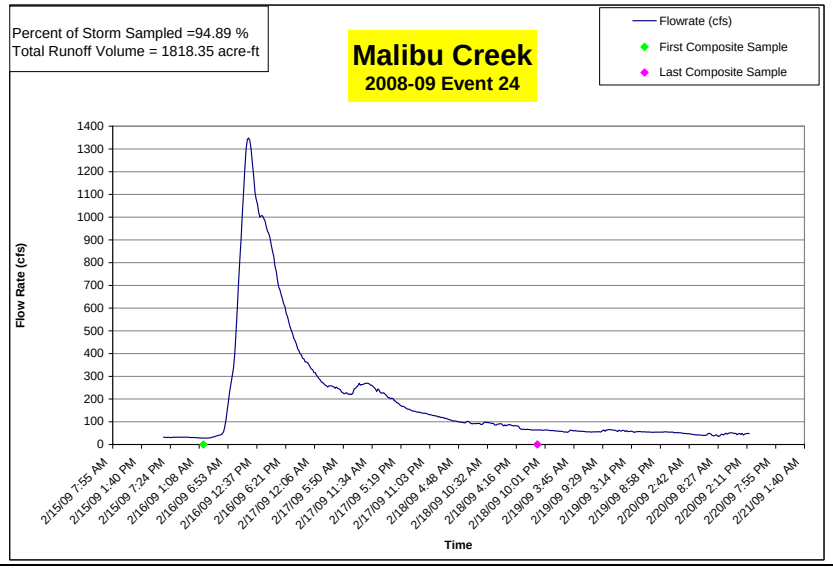

Percent of Storm Sampled =61.59 %
Total Runoff Volume = 125.45 acre-ft
Malibu Creek
2008-09 Event 11
Flowrate (cfs)
First Composite Sample
Last Composite Sample
Flow Rate (cfs)
Time

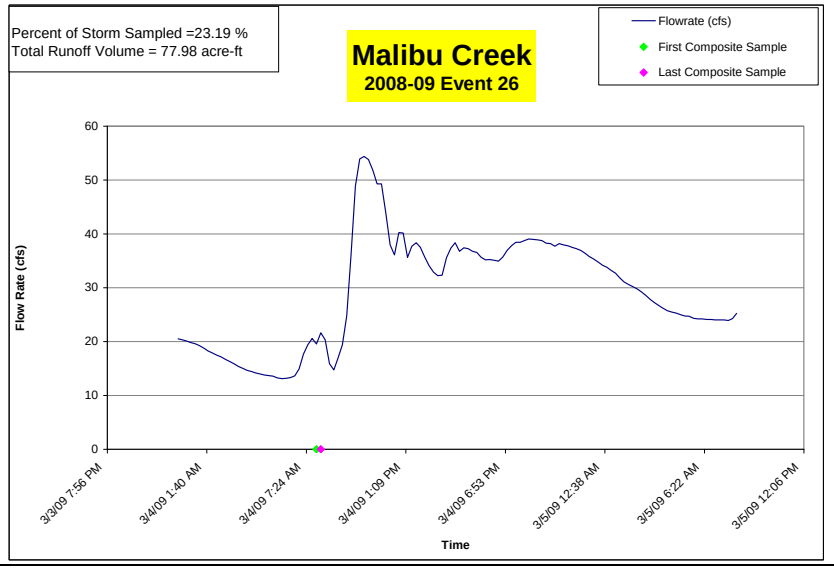

Percent of Storm Sampled =36.28 %
Total Runoff Volume = 154.38 acre-ft
Malibu Creek
2008-09 Event 18
Flowrate (cfs)
First Composite Sample
Last Composite Sample
Flow Rate (cfs)
Time

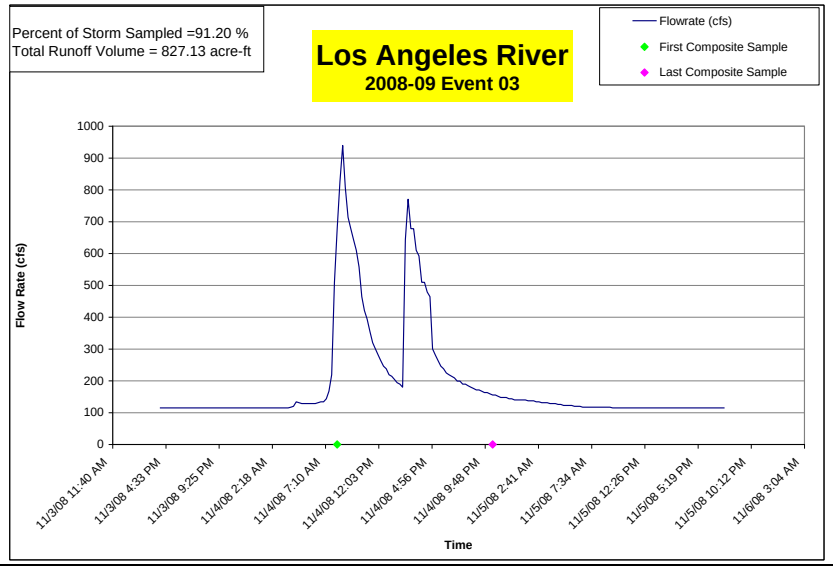

Percent of Storm Sampled =47.41 %
Total Runoff Volume = 1211.49 acre-ft
Malibu Creek
2008-09 Event 21
Flowrate (cfs)
First Composite Sample
Last Composite Sample
Flow Rate (cfs)
Time

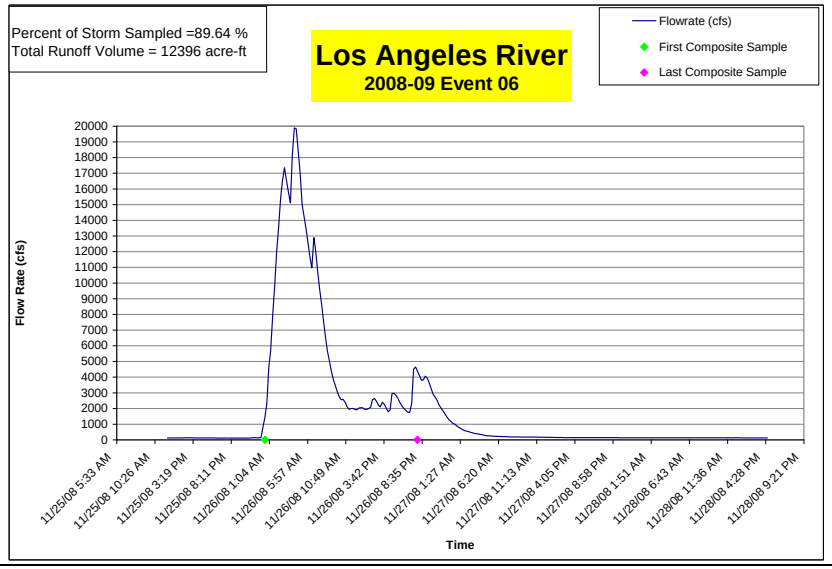

Percent of Storm Sampled =99.96 %
Total Runoff Volume = 270.97 acre-ft
Malibu Creek
2008-09 Event 22
Flowrate (cfs)
First Composite Sample
Last Composite Sample
Flow Rate (cfs)
Time

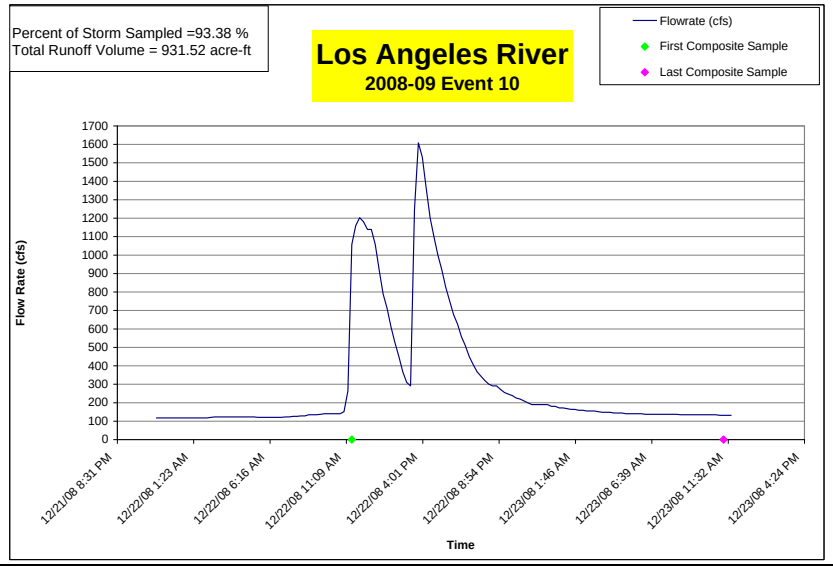

Percent of Storm Sampled =71.57 %
Total Runoff Volume = 177.53 acre-ft
Malibu Creek
2008-09 Event 23
Flowrate (cfs)
First Composite Sample
Last Composite Sample
Flow Rate (cfs)
Time

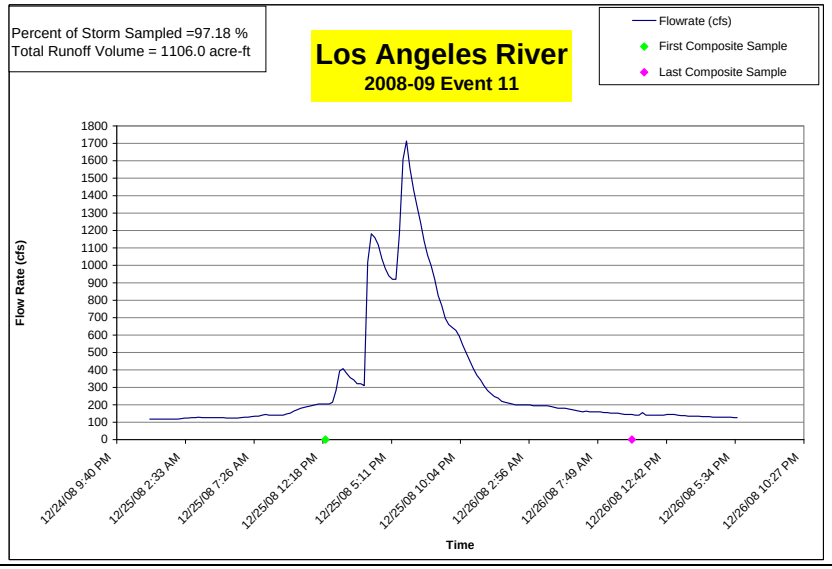

Percent of Storm Sampled =94.89 %
Total Runoff Volume = 1818.35 acre-ft
Malibu Creek
2008-09 Event 24
Flowrate (cfs)
First Composite Sample
Last Composite Sample
Flow Rate (cfs)
Time

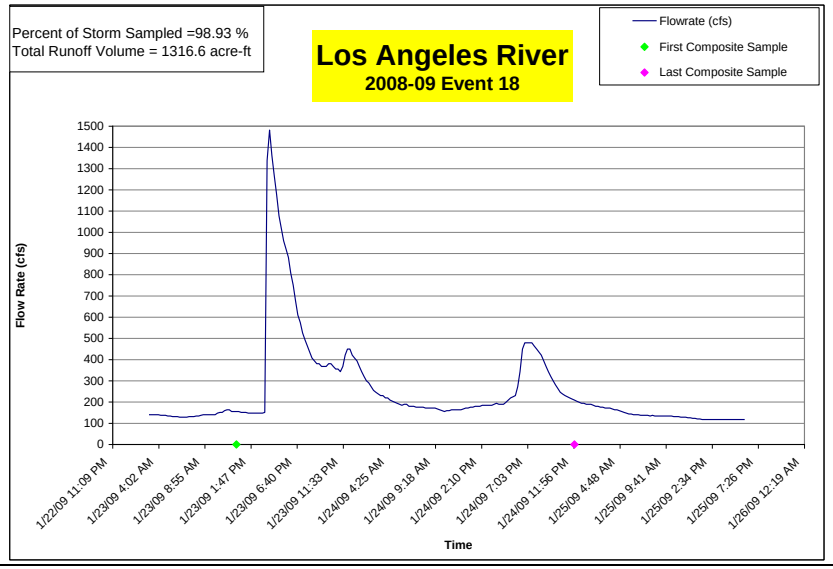

Percent of Storm Sampled =23.19 %
Total Runoff Volume = 77.98 acre-ft
Malibu Creek
2008-09 Event 26
Flowrate (cfs)
First Composite Sample
Last Composite Sample
Flow Rate (cfs)
Time

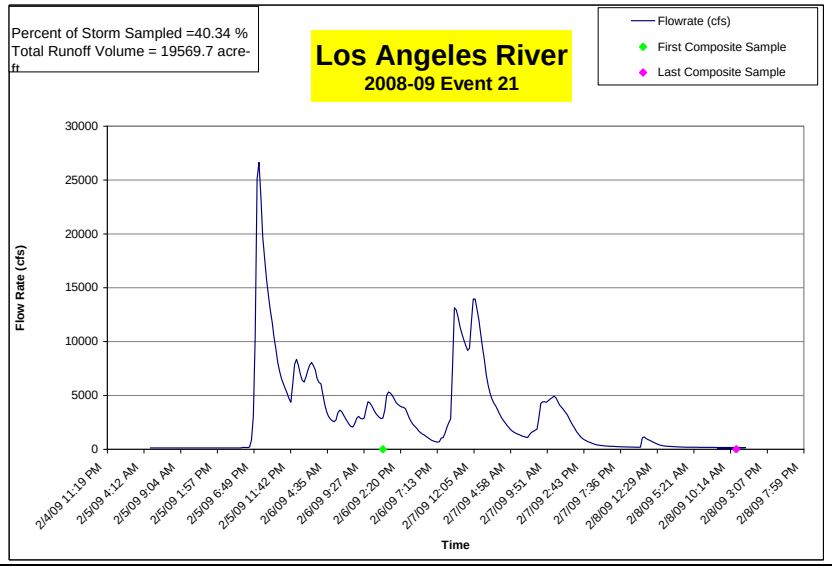

Percent of Storm Sampled =91.20 %
Total Runoff Volume = 827.13 acre-ft
Los Angeles River
2008-09 Event 03
Flowrate (cfs)
First Composite Sample
Last Composite Sample
Flow Rate (cfs)
Time

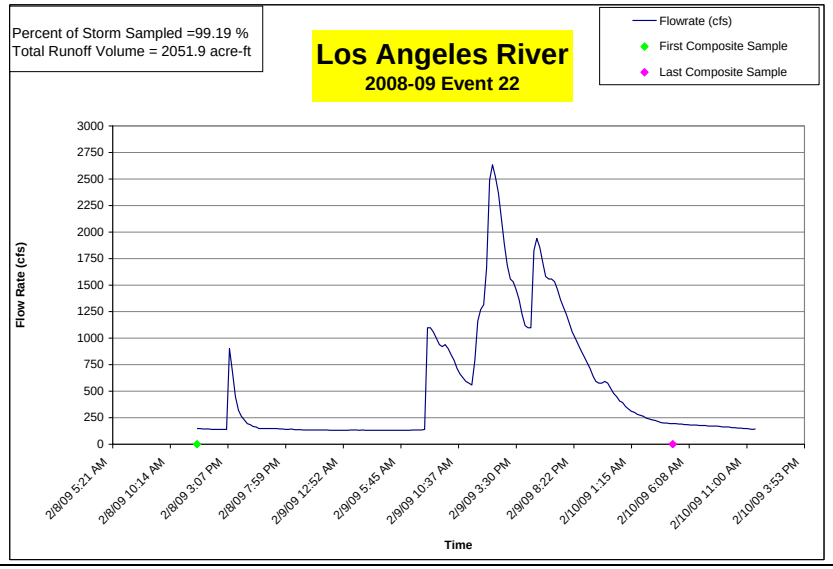

Percent of Storm Sampled =89.64 %
Total Runoff Volume = 12396 acre-ft
Los Angeles River
2008-09 Event 06
Flowrate (cfs)
First Composite Sample
Last Composite Sample
Flow Rate (cfs)
Time

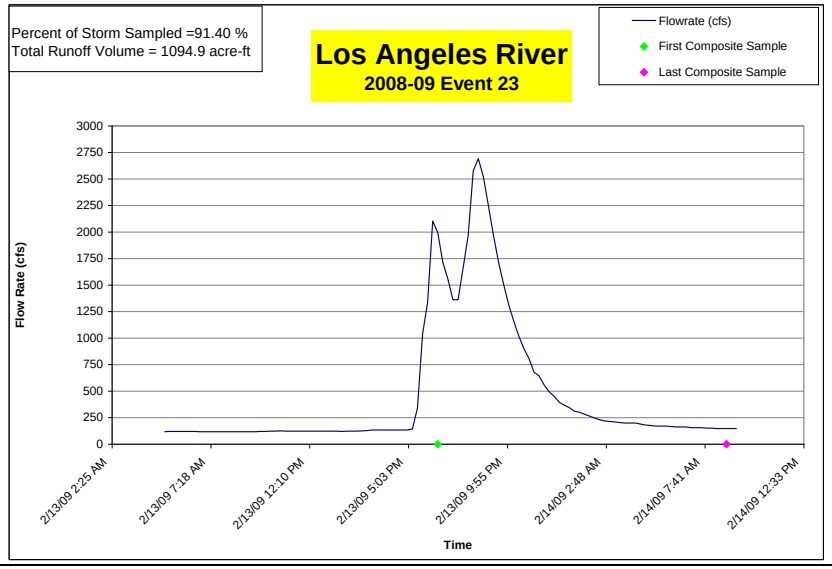

Percent of Storm Sampled =93.38 %
Total Runoff Volume = 931.52 acre-ft
Los Angeles River
2008-09 Event 10
Flowrate (cfs)
First Composite Sample
Last Composite Sample
Flow Rate (cfs)
Time

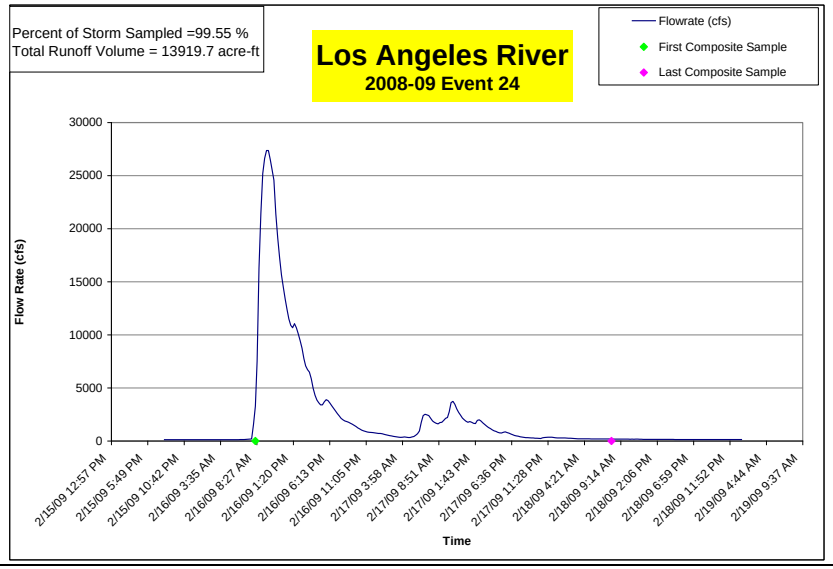

Percent of Storm Sampled =97.18 %
Total Runoff Volume = 1106.0 acre-ft
Los Angeles River
2008-09 Event 11
Flowrate (cfs)
First Composite Sample
Last Composite Sample
Flow Rate (cfs)
Time

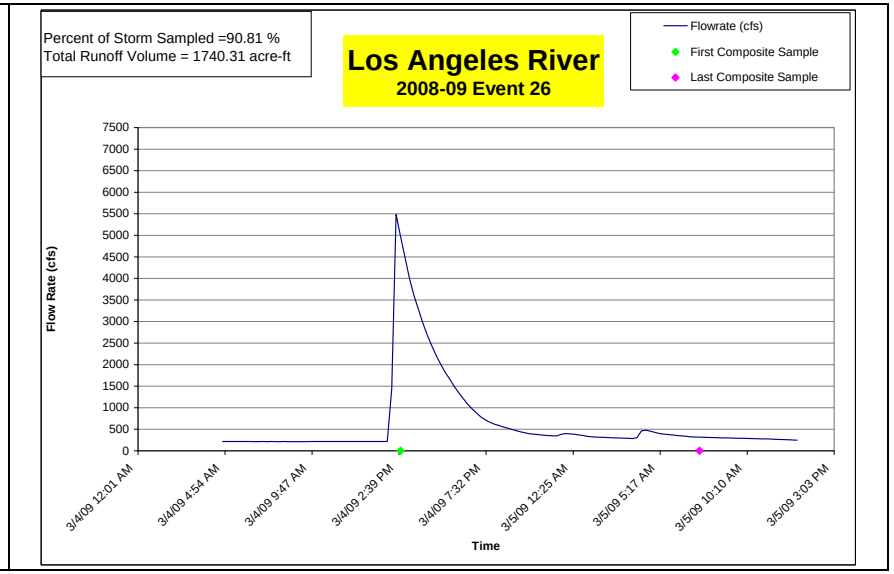

Percent of Storm Sampled =98.93 %
Total Runoff Volume = 1316.6 acre-ft
Los Angeles River
2008-09 Event 18
Flowrate (cfs)
First Composite Sample
Last Composite Sample
Flow Rate (cfs)
Time

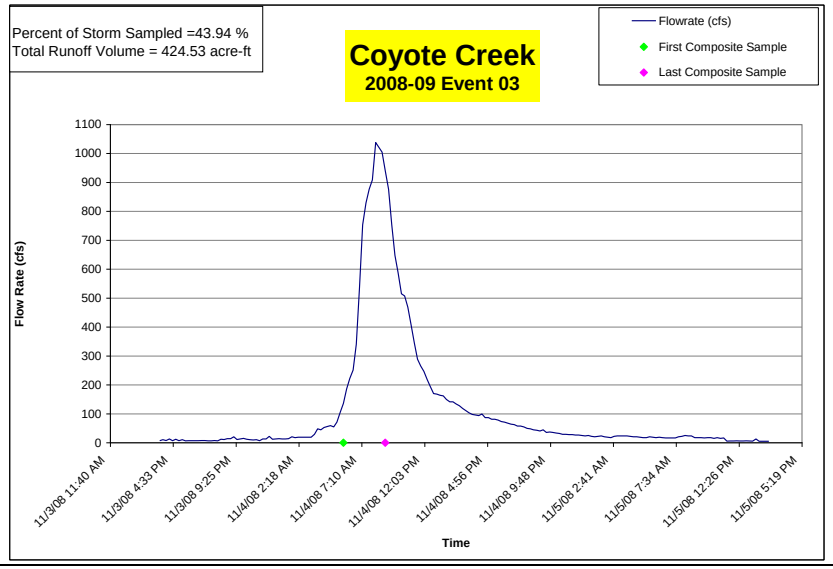

Percent of Storm Sampled =40.34 %
Total Runoff Volume = 19569.7 acre-ft
Los Angeles River
2008-09 Event 21
Flowrate (cfs)
First Composite Sample
Last Composite Sample
Flow Rate (cfs)
Time

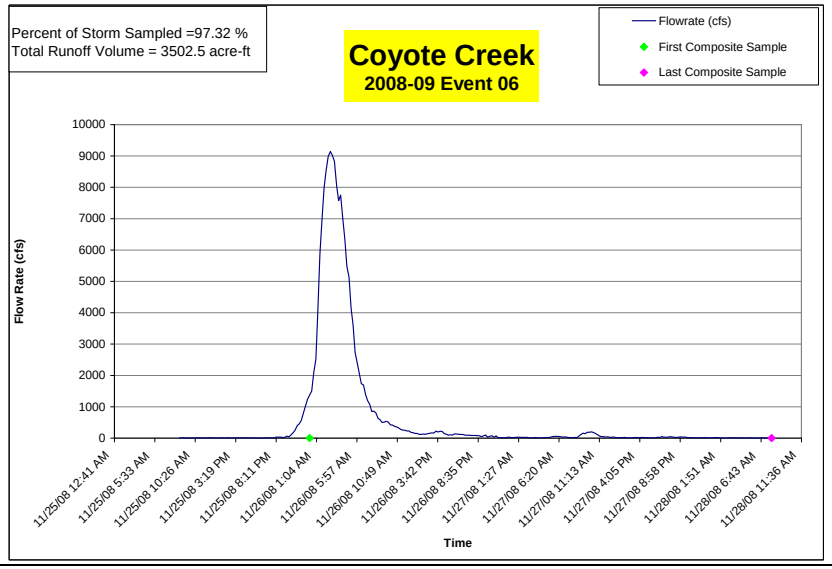

Percent of Storm Sampled =99.19 %
Total Runoff Volume = 2051.9 acre-ft
Los Angeles River
2008-09 Event 22
Flowrate (cfs)
First Composite Sample
Last Composite Sample
Flow Rate (cfs)
Time

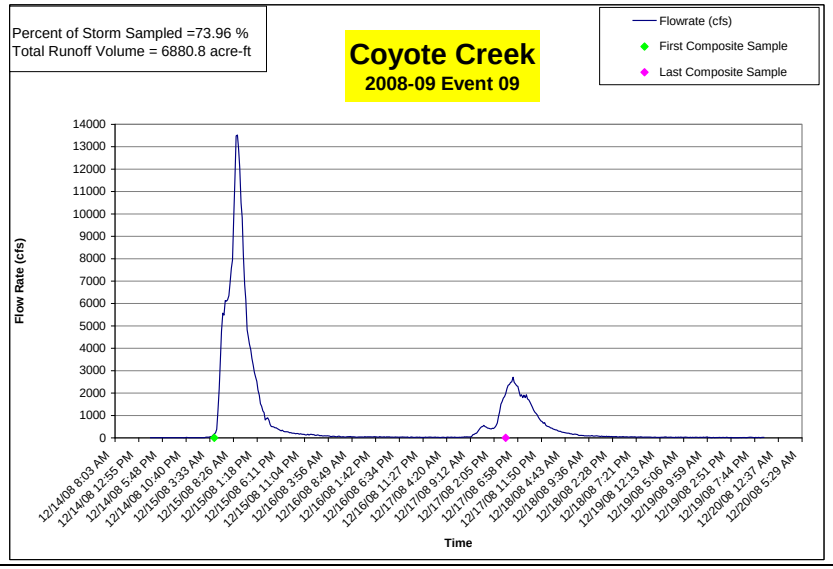

Percent of Storm Sampled =91.40 %
Total Runoff Volume = 1094.9 acre-ft
Los Angeles River
2008-09 Event 23
Flowrate (cfs)
First Composite Sample
Last Composite Sample
Flow Rate (cfs)
Time

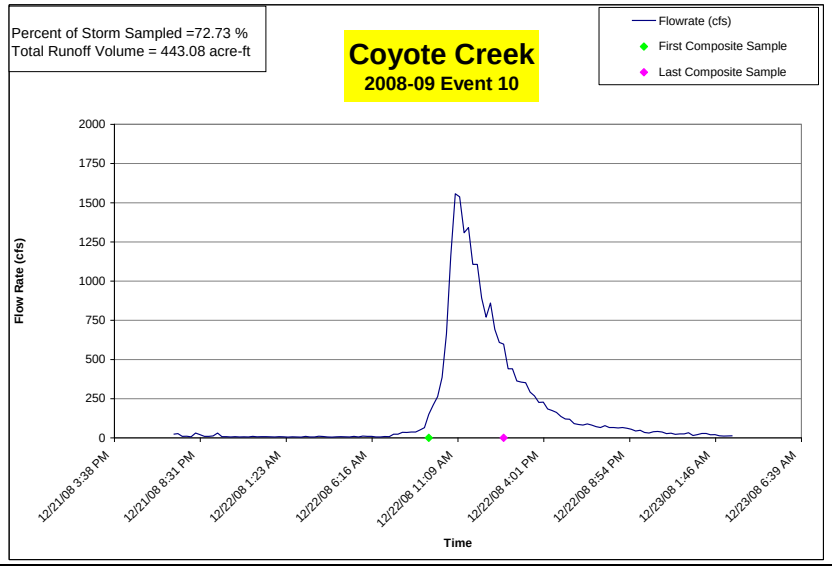

Percent of Storm Sampled =99.55 %
Total Runoff Volume = 13919.7 acre-ft
Los Angeles River
2008-09 Event 24
Flowrate (cfs)
First Composite Sample
Last Composite Sample
Flow Rate (cfs)
30000
25000
20000
15000
10000
5000
0
2/15/09 12:57 PM
2/15/09 5:49 PM
2/15/09 10:42 PM
2/16/09 3:35 AM
2/16/09 8:27 AM
2/16/09 1:20 PM
2/16/09 6:13 PM
2/16/09 11:05 PM
2/17/09 3:58 AM
2/17/09 8:51 AM
2/17/09 1:43 PM
2/17/09 6:36 PM
2/17/09 11:28 PM
2/18/09 4:21 AM
2/18/09 9:14 AM
2/18/09 2:06 PM
2/18/09 6:59 PM
2/19/09 11:52 PM
2/19/09 4:44 AM
2/19/09 9:37 AM
Time

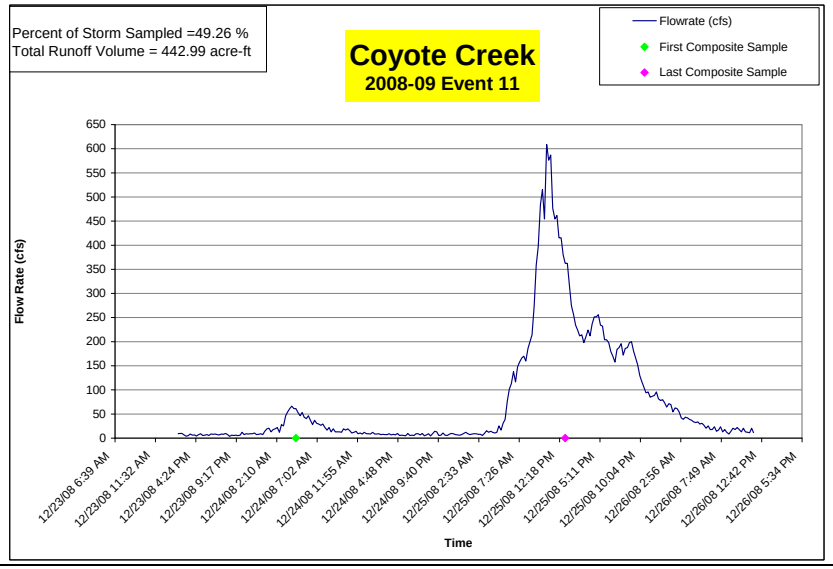

Percent of Storm Sampled =90.81 %
Total Runoff Volume = 1740.31 acre-ft
Los Angeles River
2008-09 Event 26
Flowrate (cfs)
First Composite Sample
Last Composite Sample
Flow Rate (cfs)
7500
7000
6500
6000
5500
5000
4500
4000
3500
3000
2500
2000
1500
1000
500
0
3/4/09 12:01 AM
3/4/09 4:54 AM
3/4/09 9:47 AM
3/4/09 2:39 PM
3/4/09 7:32 PM
3/5/09 12:25 AM
3/5/09 5:17 AM
3/5/09 10:10 AM
3/5/09 3:03 PM
Time

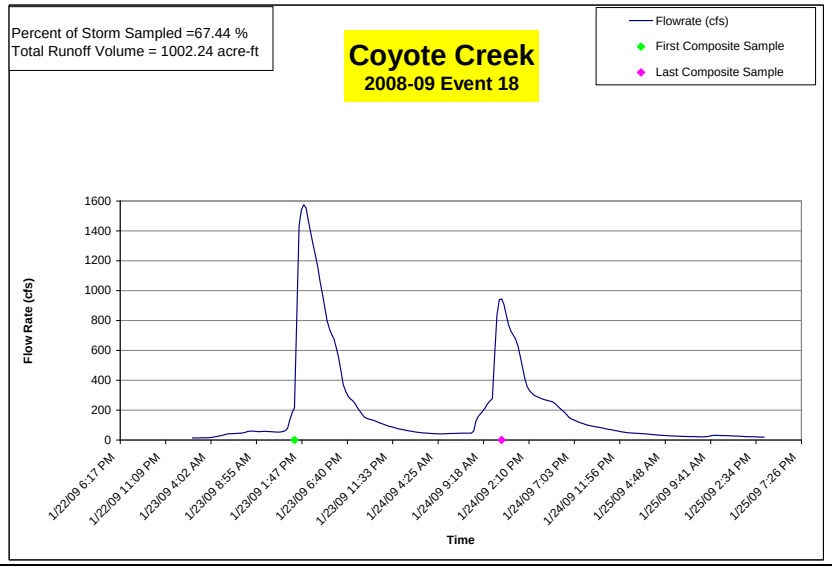

Percent of Storm Sampled =43.94 %
Total Runoff Volume = 424.53 acre-ft
Coyote Creek
2008-09 Event 03
Flowrate (cfs)
First Composite Sample
Last Composite Sample
Flow Rate (cfs)
Time

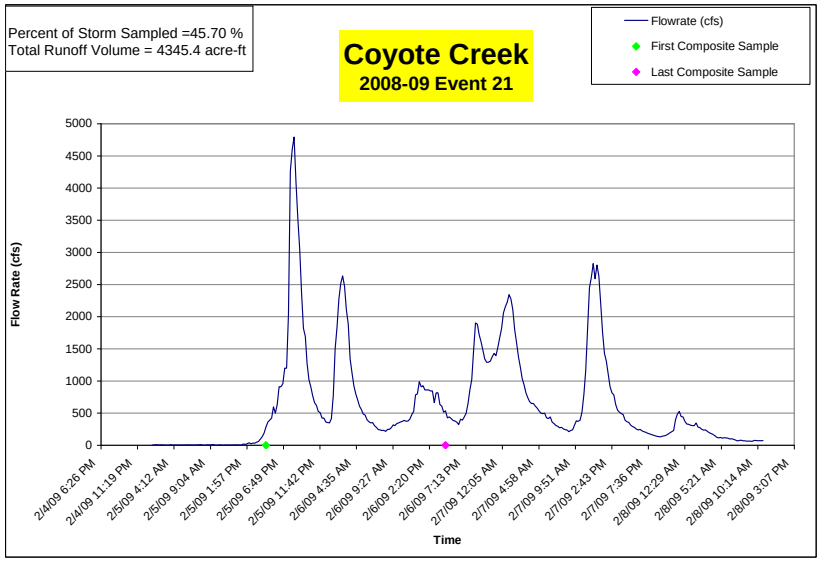

Percent of Storm Sampled =97.32 %
Total Runoff Volume = 3502.5 acre-ft
Coyote Creek
2008-09 Event 06
Flowrate (cfs)
First Composite Sample
Last Composite Sample
Flow Rate (cfs)
Time

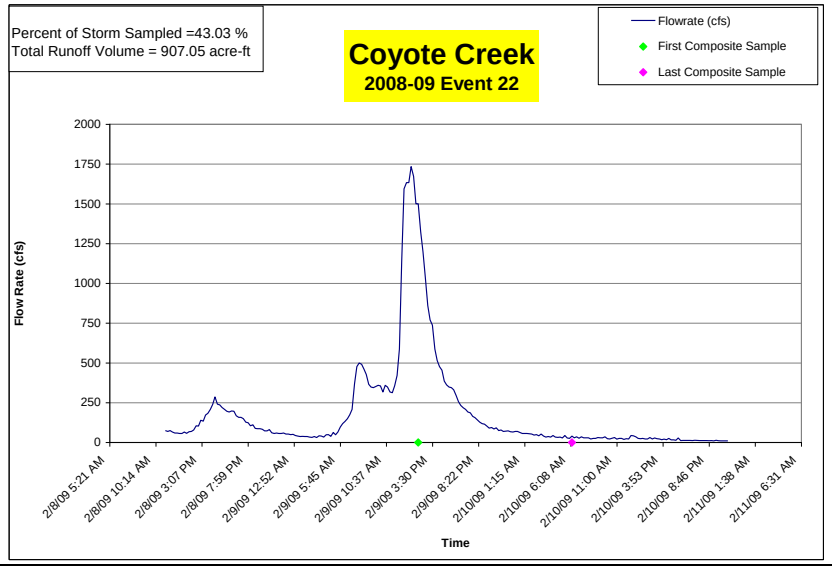

Percent of Storm Sampled =73.96 %
Total Runoff Volume = 6880.8 acre-ft
Coyote Creek
2008-09 Event 09
Flowrate (cfs)
First Composite Sample
Last Composite Sample
Flow Rate (cfs)
Time

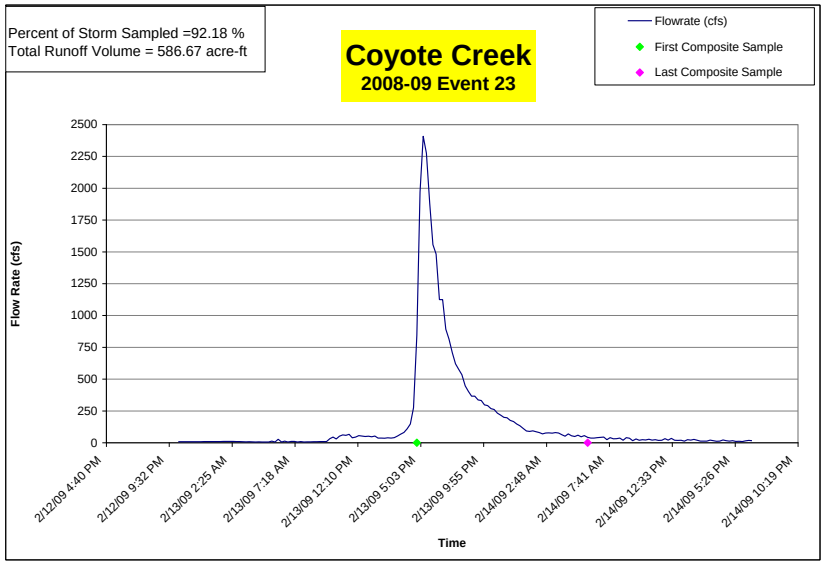

Percent of Storm Sampled =72.73 %
Total Runoff Volume = 443.08 acre-ft
Coyote Creek
2008-09 Event 10
Flowrate (cfs)
First Composite Sample
Last Composite Sample
Flow Rate (cfs)
Time

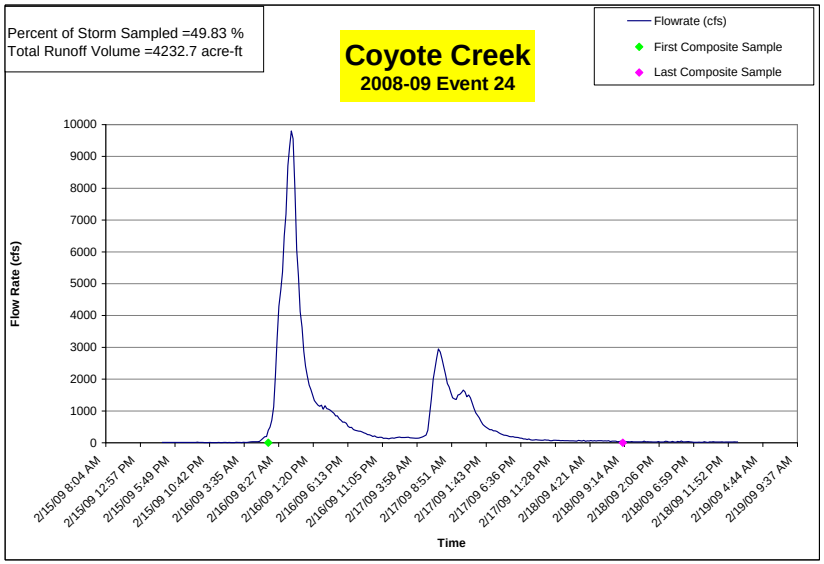

Percent of Storm Sampled =49.26 %
Total Runoff Volume = 442.99 acre-ft
Coyote Creek
2008-09 Event 11
Flowrate (cfs)
First Composite Sample
Last Composite Sample
Flow Rate (cfs)
Time

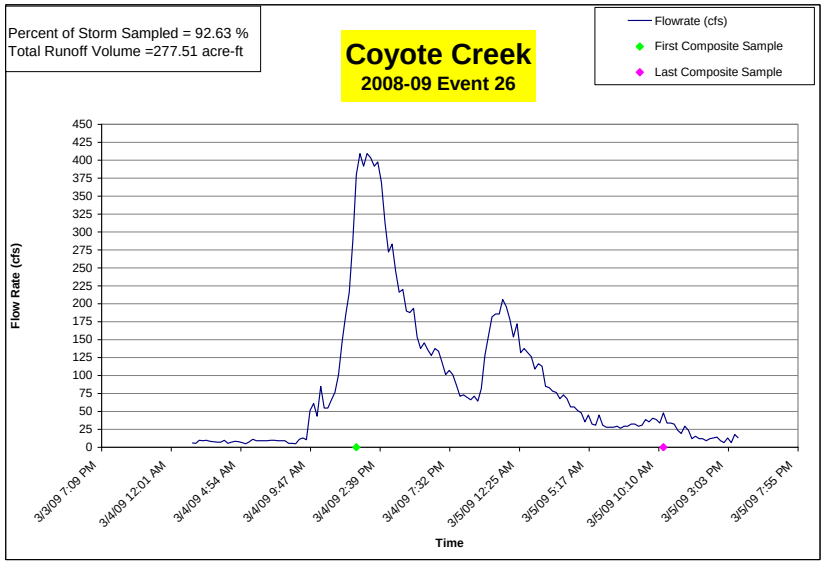

Percent of Storm Sampled =67.44 %
Total Runoff Volume = 1002.24 acre-ft
Coyote Creek
2008-09 Event 18
Flowrate (cfs)
First Composite Sample
Last Composite Sample
Flow Rate (cfs)
Time

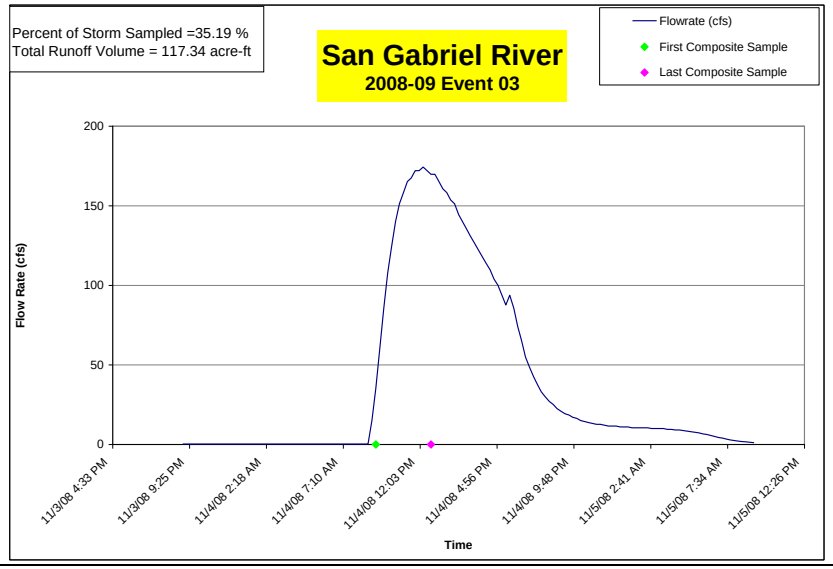

Percent of Storm Sampled =45.70 %
Total Runoff Volume = 4345.4 acre-ft
Coyote Creek
2008-09 Event 21
Flowrate (cfs)
First Composite Sample
Last Composite Sample
Flow Rate (cfs)
Time

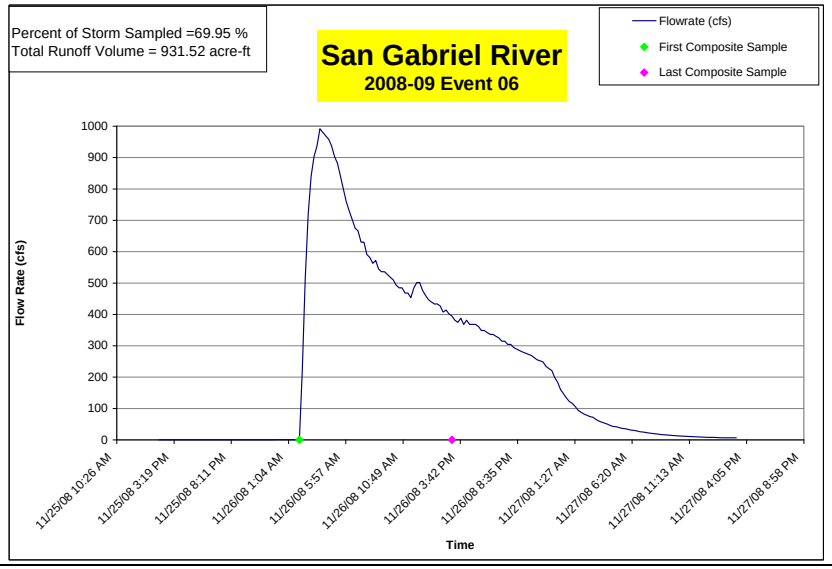

Percent of Storm Sampled =43.03 %
Total Runoff Volume = 907.05 acre-ft
Coyote Creek
2008-09 Event 22
Flowrate (cfs)
First Composite Sample
Last Composite Sample
Flow Rate (cfs)
Time

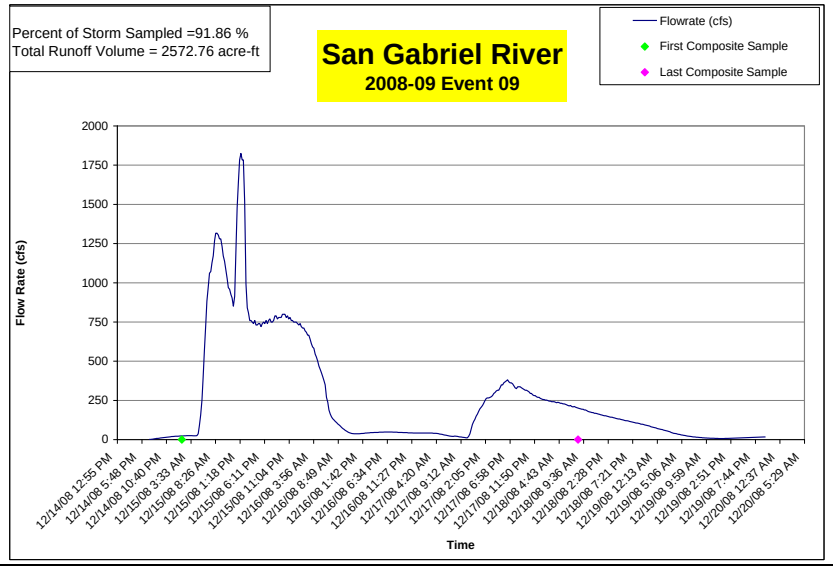

Percent of Storm Sampled =92.18 %
Total Runoff Volume = 586.67 acre-ft
Coyote Creek
2008-09 Event 23
Flowrate (cfs)
First Composite Sample
Last Composite Sample
Flow Rate (cfs)
Time

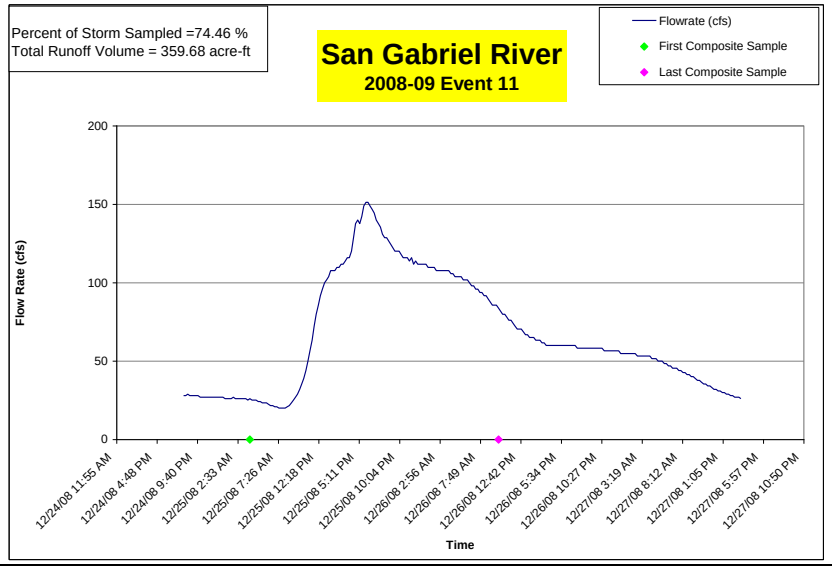

Percent of Storm Sampled =49.83 %
Total Runoff Volume =4232.7 acre-ft
Coyote Creek
2008-09 Event 24
Flowrate (cfs)
First Composite Sample
Last Composite Sample
Flow Rate (cfs)
Time

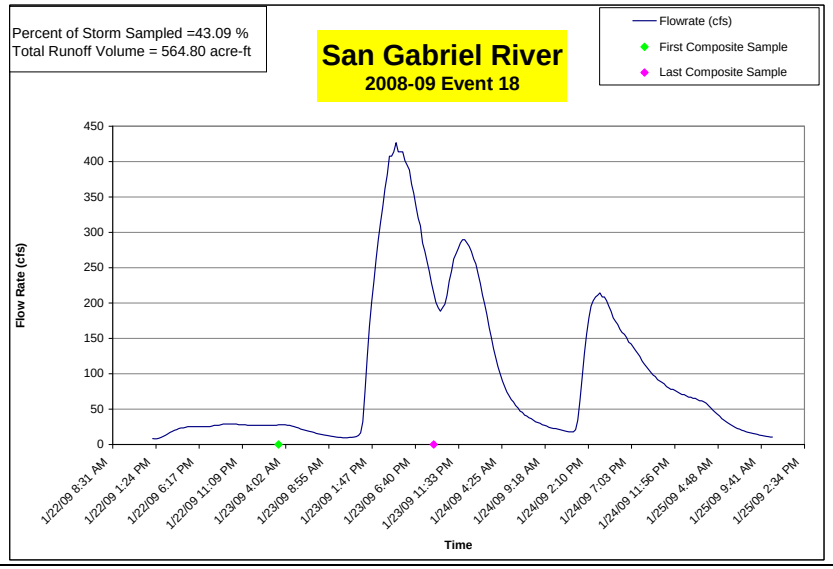

Percent of Storm Sampled = 92.63 %
Total Runoff Volume =277.51 acre-ft
Coyote Creek
2008-09 Event 26
Flowrate (cfs)
First Composite Sample
Last Composite Sample
Flow Rate (cfs)
Time

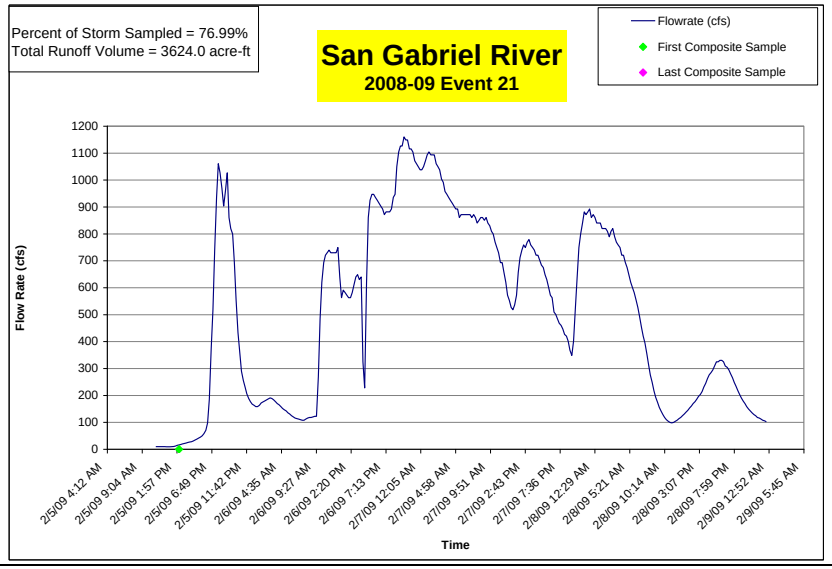

Percent of Storm Sampled =35.19 %
Total Runoff Volume = 117.34 acre-ft
San Gabriel River
2008-09 Event 03
Flowrate (cfs)
First Composite Sample
Last Composite Sample
Flow Rate (cfs)
Time

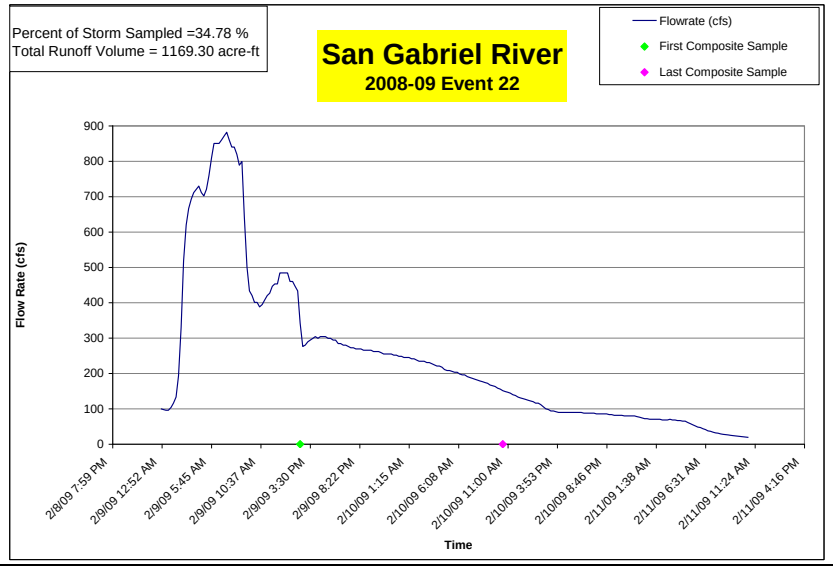

Percent of Storm Sampled =69.95 %
Total Runoff Volume = 931.52 acre-ft
San Gabriel River
2008-09 Event 06
Flowrate (cfs)
First Composite Sample
Last Composite Sample
Flow Rate (cfs)
Time

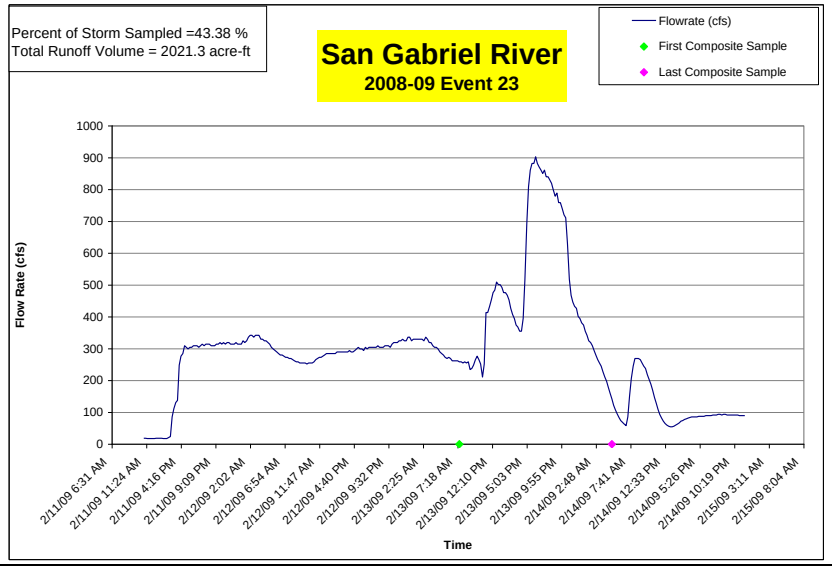

Percent of Storm Sampled =91.86 %
Total Runoff Volume = 2572.76 acre-ft
San Gabriel River
2008-09 Event 09
Flowrate (cfs)
First Composite Sample
Last Composite Sample
Flow Rate (cfs)
Time

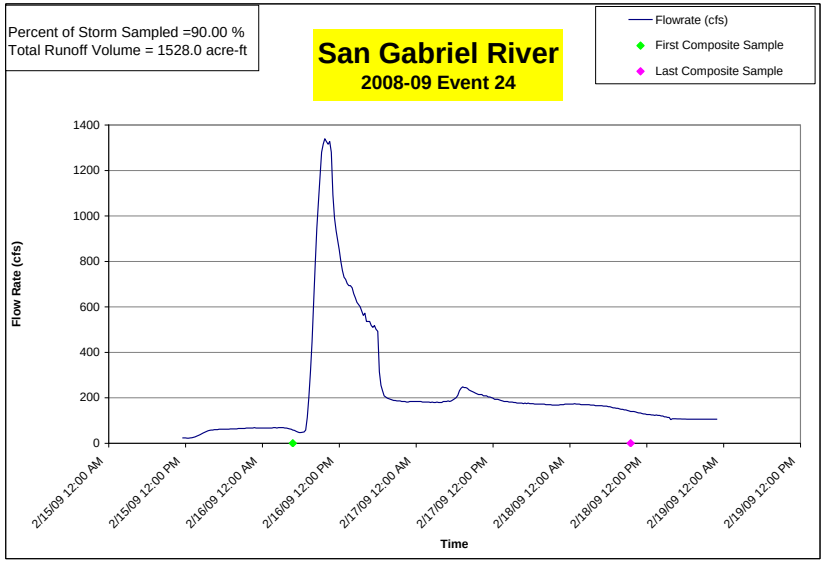

Percent of Storm Sampled =74.46 %
Total Runoff Volume = 359.68 acre-ft
San Gabriel River
2008-09 Event 11
Flowrate (cfs)
First Composite Sample
Last Composite Sample
Flow Rate (cfs)
Time

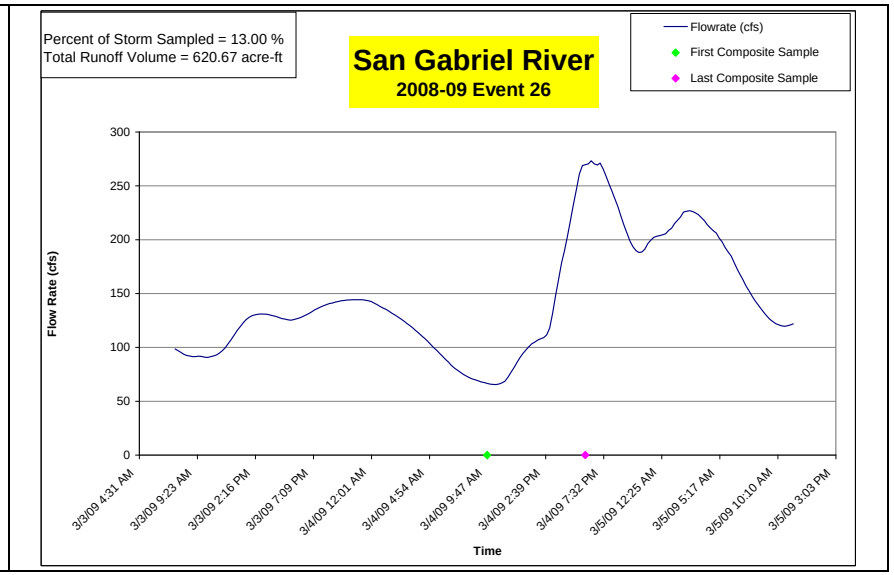

Percent of Storm Sampled =43.09 %
Total Runoff Volume = 564.80 acre-ft
San Gabriel River
2008-09 Event 18
Flowrate (cfs)
First Composite Sample
Last Composite Sample
Flow Rate (cfs)
Time

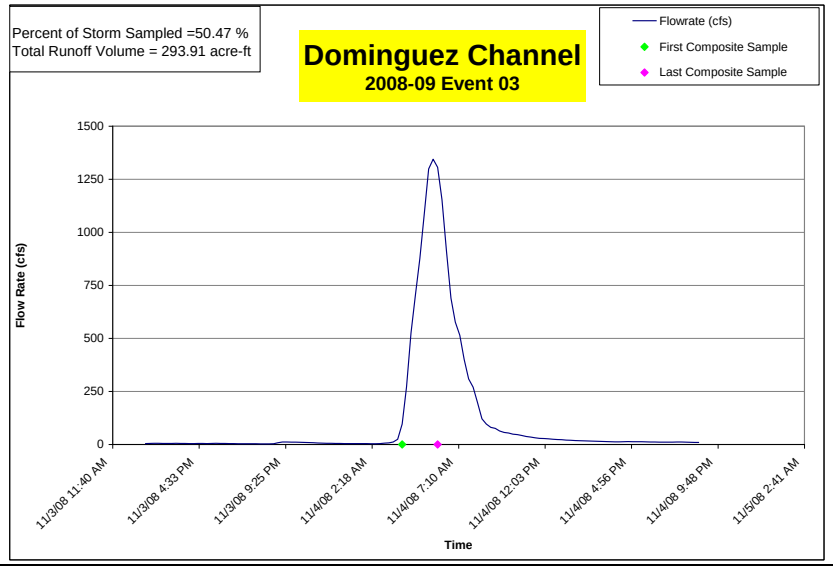

Percent of Storm Sampled = 76.99%
Total Runoff Volume = 3624.0 acre-ft
San Gabriel River
2008-09 Event 21
Flowrate (cfs)
First Composite Sample
Last Composite Sample
Flow Rate (cfs)
Time

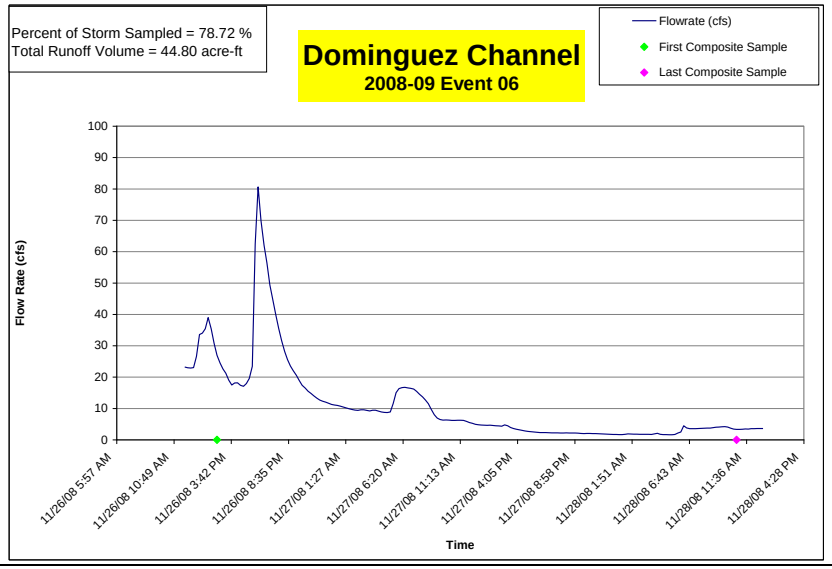

Percent of Storm Sampled =34.78 %
Total Runoff Volume = 1169.30 acre-ft
San Gabriel River
2008-09 Event 22
Flowrate (cfs)
First Composite Sample
Last Composite Sample
Flow Rate (cfs)
Time

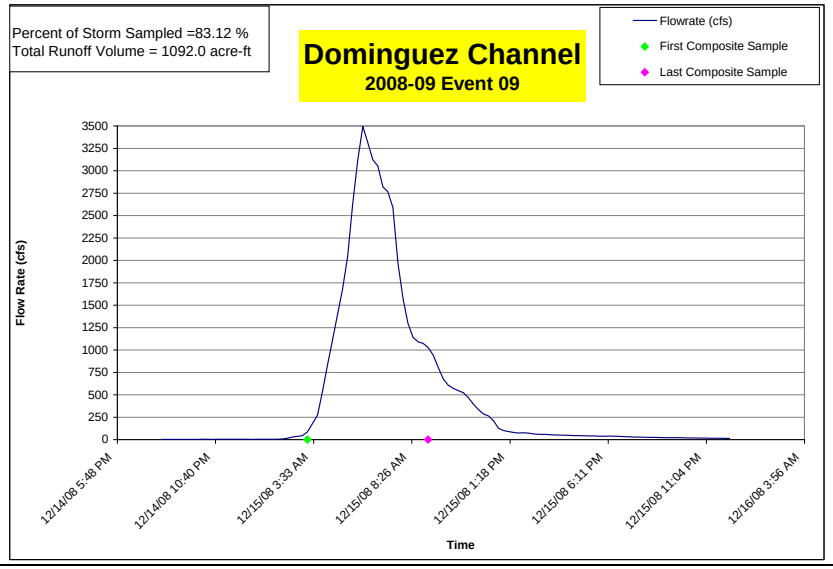

Percent of Storm Sampled =43.38 %
Total Runoff Volume = 2021.3 acre-ft
San Gabriel River
2008-09 Event 23
Flowrate (cfs)
First Composite Sample
Last Composite Sample
Flow Rate (cfs)
Time

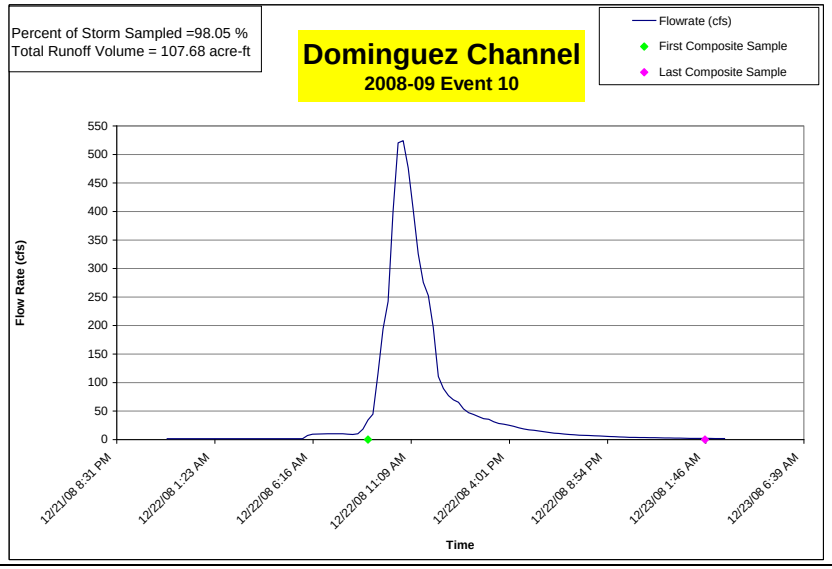

Percent of Storm Sampled =90.00 %
Total Runoff Volume = 1528.0 acre-ft
San Gabriel River
2008-09 Event 24
Flowrate (cfs)
First Composite Sample
Last Composite Sample
Flow Rate (cfs)
1400
1200
1000
800
600
400
200
0
2/15/09 12:00 AM
2/15/09 12:00 PM
2/16/09 12:00 AM
2/16/09 12:00 PM
2/17/09 12:00 AM
2/17/09 12:00 PM
2/18/09 12:00 AM
2/18/09 12:00 PM
2/19/09 12:00 AM
2/19/09 12:00 PM
Time

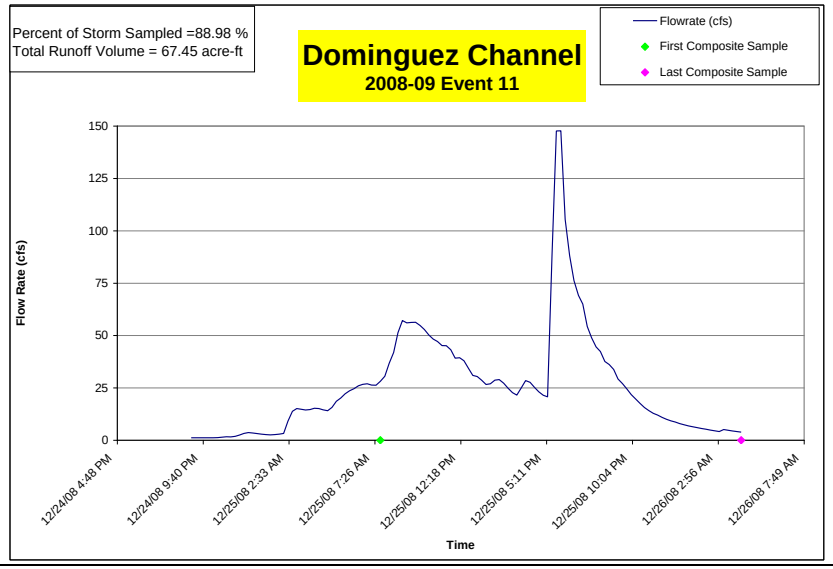

Percent of Storm Sampled = 13.00 %
Total Runoff Volume = 620.67 acre-ft
San Gabriel River
2008-09 Event 26
Flowrate (cfs)
First Composite Sample
Last Composite Sample
Flow Rate (cfs)
300
250
200
150
100
50
0
3/3/09 4:31 AM
3/3/09 9:23 AM
3/3/09 2:16 PM
3/3/09 7:09 PM
3/4/09 12:01 AM
3/4/09 4:54 AM
3/4/09 9:47 AM
3/4/09 2:39 PM
3/4/09 7:32 PM
3/5/09 12:25 AM
3/5/09 5:17 AM
3/5/09 10:10 AM
3/5/09 3:03 PM
Time

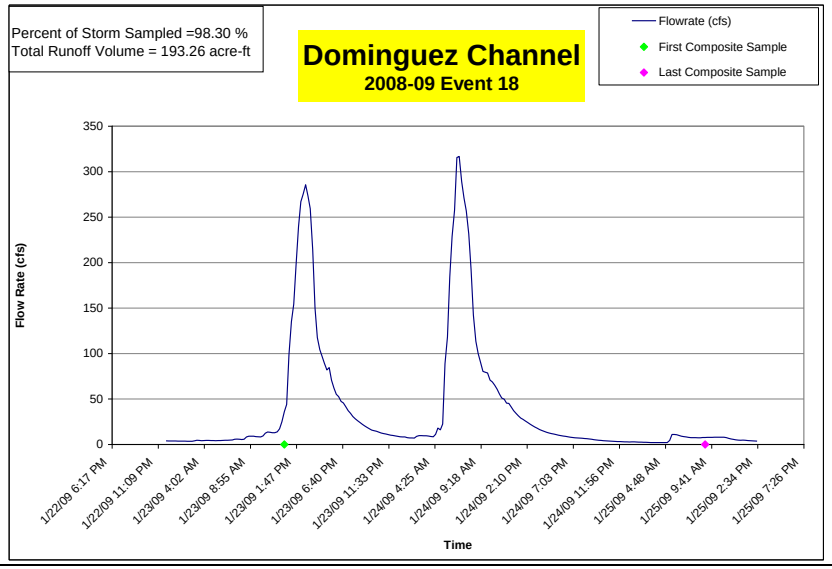

Percent of Storm Sampled =50.47 %
Total Runoff Volume = 293.91 acre-ft
Dominguez Channel
2008-09 Event 03
Flowrate (cfs)
First Composite Sample
Last Composite Sample
Flow Rate (cfs)
1500
1250
1000
750
500
250
0
11/3/08 11:40 AM
11/3/08 4:33 PM
11/3/08 9:25 PM
11/4/08 2:18 AM
11/4/08 7:10 AM
11/4/08 12:03 PM
11/4/08 4:56 PM
11/4/08 9:48 PM
11/5/08 2:41 AM
Time

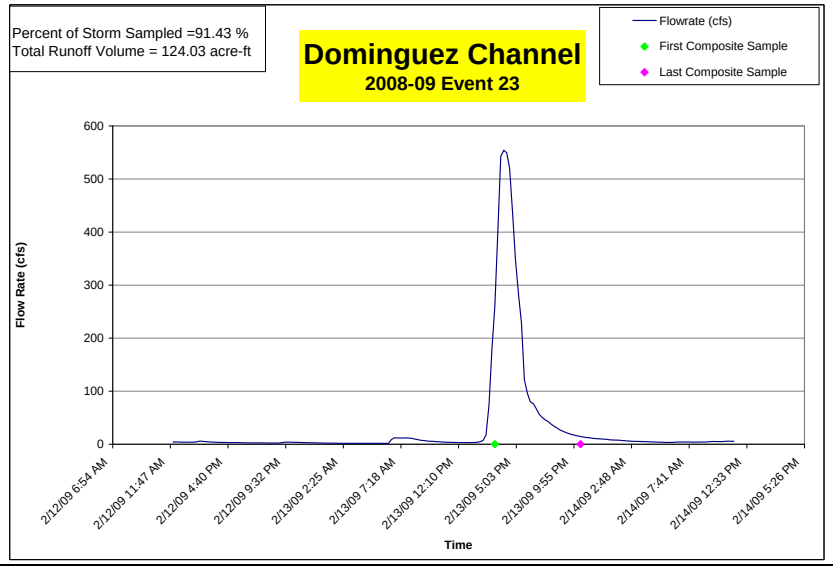

Percent of Storm Sampled = 78.72 %
Total Runoff Volume = 44.80 acre-ft
Dominguez Channel
2008-09 Event 06
Flowrate (cfs)
First Composite Sample
Last Composite Sample
Flow Rate (cfs)
100
90
80
70
60
50
40
30
20
10
0
11/26/08 5:57 AM
11/26/08 10:49 AM
11/26/08 3:42 PM
11/26/08 8:35 PM
11/27/08 1:27 AM
11/27/08 6:20 AM
11/27/08 11:13 AM
11/27/08 4:05 PM
11/27/08 8:58 PM
11/28/08 1:51 AM
11/28/08 6:43 AM
11/28/08 11:36 AM
11/28/08 4:28 PM
Time

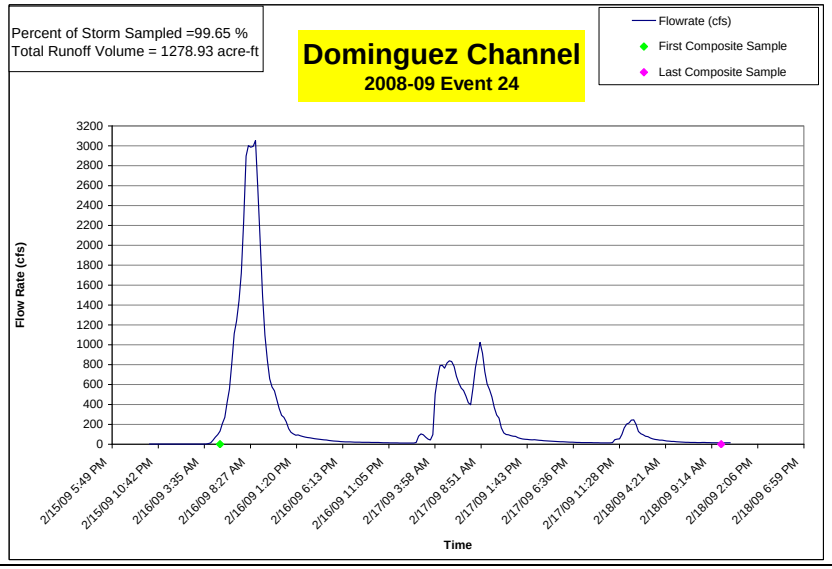

Percent of Storm Sampled =83.12 %
Total Runoff Volume = 1092.0 acre-ft
Dominguez Channel
2008-09 Event 09
Flowrate (cfs)
First Composite Sample
Last Composite Sample
Flow Rate (cfs)
3500
3250
3000
2750
2500
2250
2000
1750
1500
1250
1000
750
500
250
0
12/14/08 5:48 PM
12/14/08 10:40 PM
12/15/08 3:33 AM
12/15/08 8:26 AM
12/15/08 1:18 PM
12/15/08 6:11 PM
12/15/08 11:04 PM
12/16/08 3:56 AM
Time

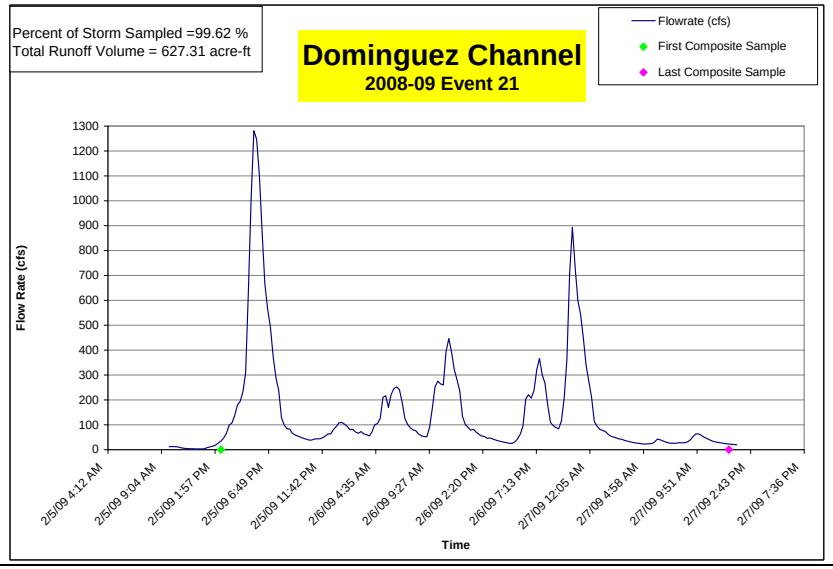

Percent of Storm Sampled =98.05 %
Total Runoff Volume = 107.68 acre-ft
Dominguez Channel
2008-09 Event 10
Flowrate (cfs)
First Composite Sample
Last Composite Sample
Flow Rate (cfs)
550
500
450
400
350
300
250
200
150
100
50
0
12/21/08 8:31 PM
12/22/08 1:23 AM
12/22/08 6:16 AM
12/22/08 11:09 AM
12/22/08 4:01 PM
12/22/08 8:54 PM
12/23/08 1:46 AM
12/23/08 6:39 AM
Time

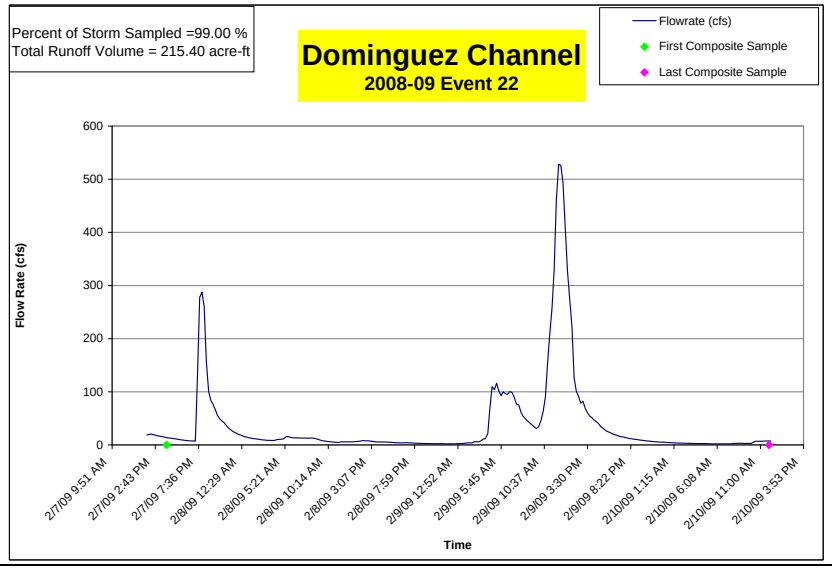

Percent of Storm Sampled =88.98 %
Total Runoff Volume = 67.45 acre-ft
Dominguez Channel
2008-09 Event 11
Flowrate (cfs)
First Composite Sample
Last Composite Sample
Flow Rate (cfs)
Time

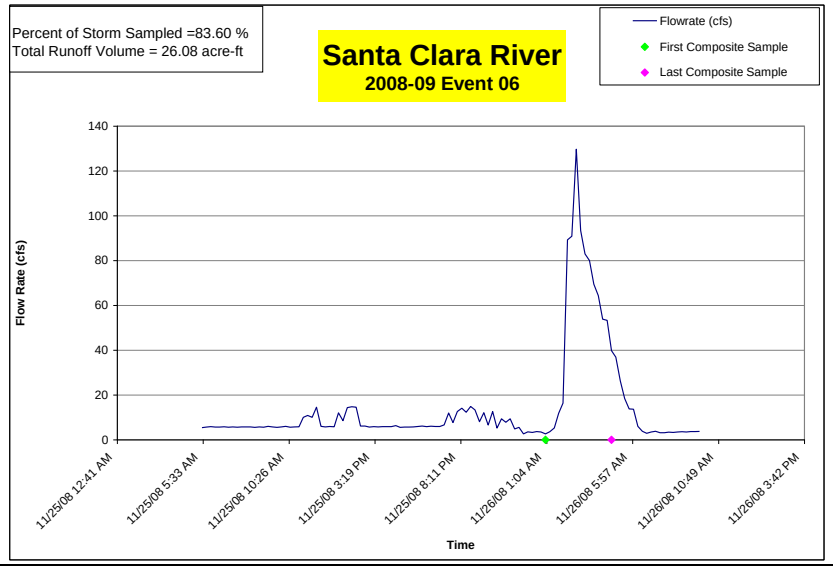

Percent of Storm Sampled =98.30 %
Total Runoff Volume = 193.26 acre-ft
Dominguez Channel
2008-09 Event 18
Flowrate (cfs)
First Composite Sample
Last Composite Sample
Flow Rate (cfs)
Time

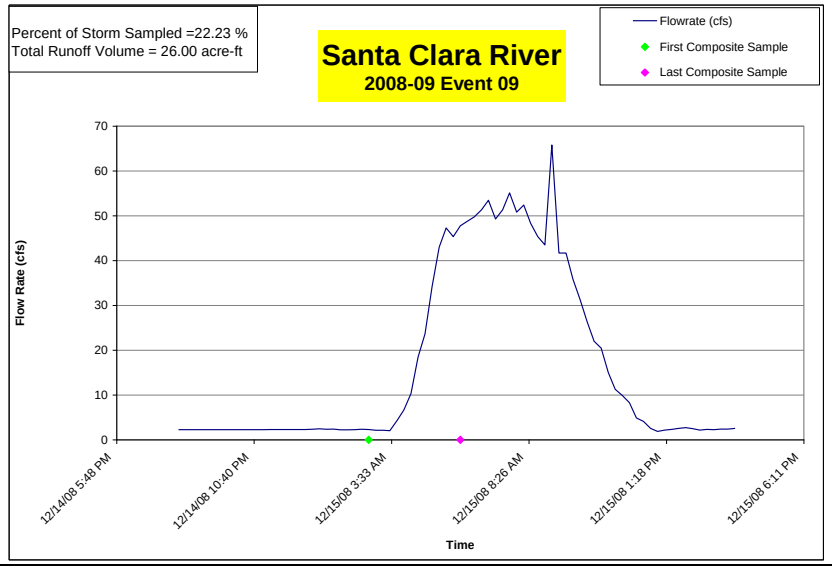

Percent of Storm Sampled =91.43 %
Total Runoff Volume = 124.03 acre-ft
Dominguez Channel
2008-09 Event 23
Flowrate (cfs)
First Composite Sample
Last Composite Sample
Flow Rate (cfs)
Time

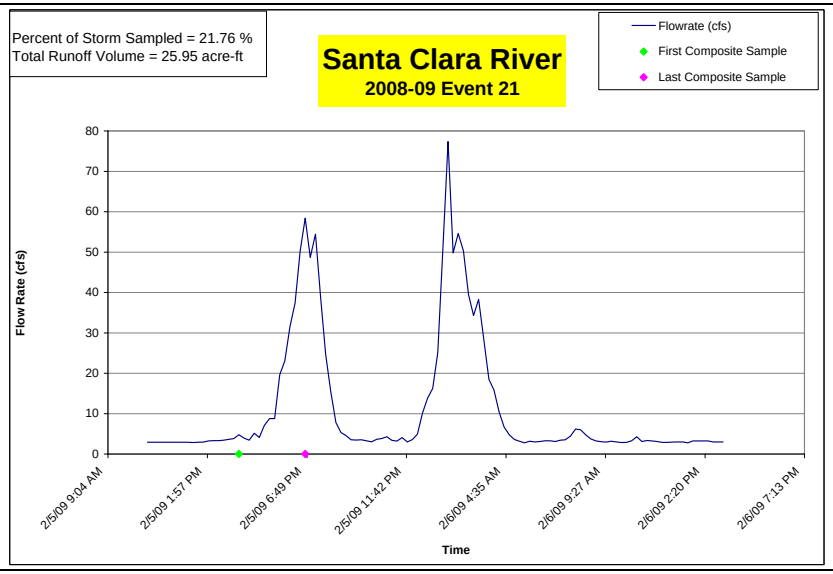

Percent of Storm Sampled =99.65 %
Total Runoff Volume = 1278.93 acre-ft
Dominguez Channel
2008-09 Event 24
Flowrate (cfs)
First Composite Sample
Last Composite Sample
Flow Rate (cfs)
Time

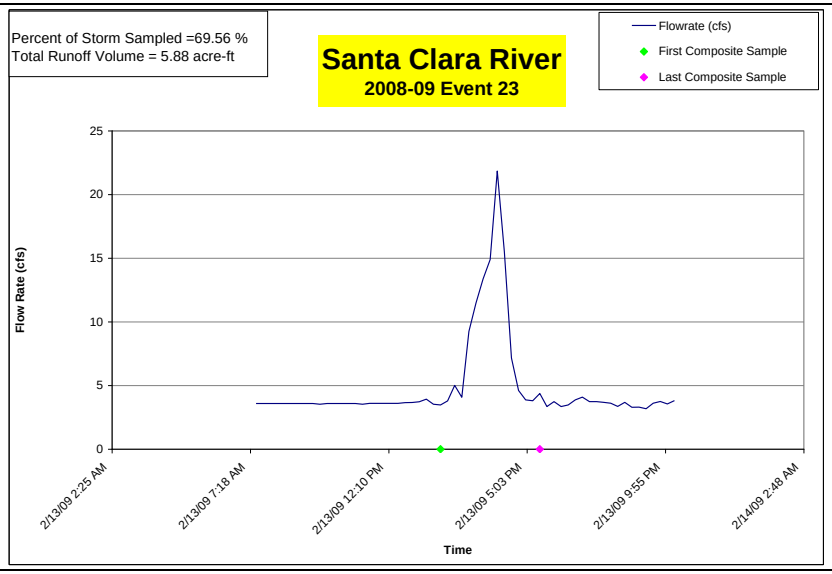

Percent of Storm Sampled =99.62 %
Total Runoff Volume = 627.31 acre-ft
Dominguez Channel
2008-09 Event 21
Flowrate (cfs)
First Composite Sample
Last Composite Sample
Flow Rate (cfs)
1300
1200
1100
1000
900
800
700
600
500
400
300
200
100
0
2/5/09 4:12 AM
2/5/09 9:04 AM
2/5/09 1:57 PM
2/5/09 6:49 PM
2/5/09 11:42 PM
2/6/09 4:35 AM
2/6/09 9:27 AM
2/6/09 2:20 PM
2/6/09 7:13 PM
2/7/09 12:05 AM
2/7/09 4:58 AM
2/7/09 9:51 AM
2/7/09 2:43 PM
2/7/09 7:36 PM
Time

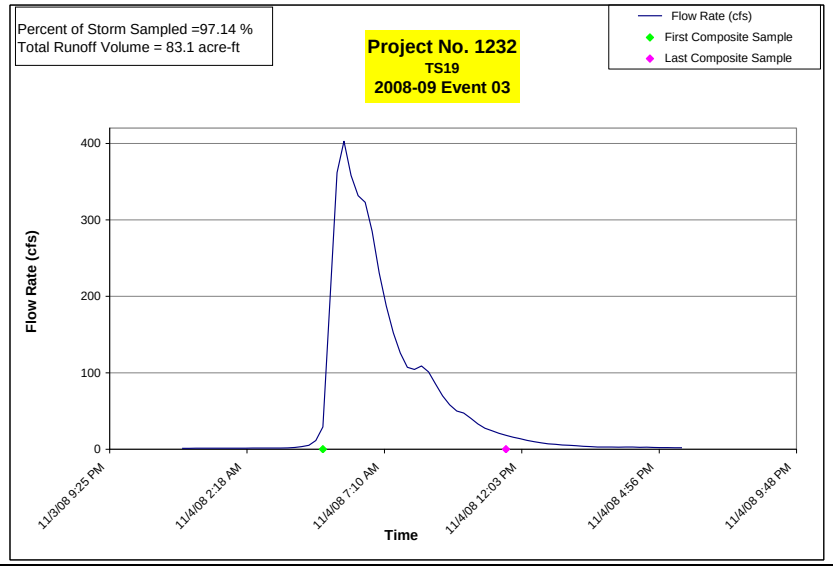

Percent of Storm Sampled =99.00 %
Total Runoff Volume = 215.40 acre-ft
Dominguez Channel
2008-09 Event 22
Flowrate (cfs)
First Composite Sample
Last Composite Sample
Flow Rate (cfs)
600
500
400
300
200
100
0
2/7/09 9:51 AM
2/7/09 2:43 PM
2/7/09 7:36 PM
2/8/09 12:29 AM
2/8/09 5:21 AM
2/8/09 10:14 AM
2/8/09 3:07 PM
2/8/09 7:59 PM
2/9/09 12:52 AM
2/9/09 5:45 AM
2/9/09 10:37 AM
2/9/09 3:30 PM
2/9/09 8:22 PM
2/10/09 1:15 AM
2/10/09 6:08 AM
2/10/09 11:00 AM
2/10/09 3:53 PM
Time

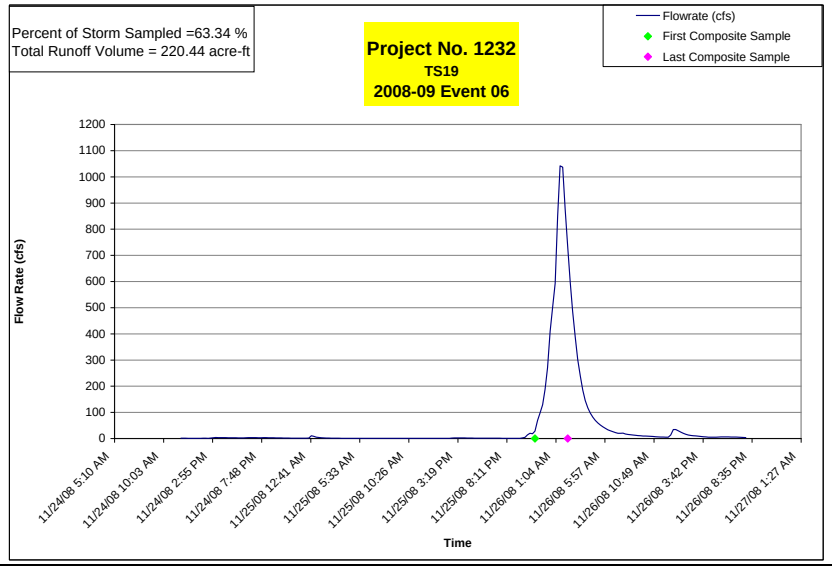

Percent of Storm Sampled =83.60 %
Total Runoff Volume = 26.08 acre-ft
Santa Clara River
2008-09 Event 06
Flowrate (cfs)
First Composite Sample
Last Composite Sample
Flow Rate (cfs)
Time
11/25/08 12:41 AM
11/25/08 5:33 AM
11/25/08 10:26 AM
11/25/08 3:19 PM
11/25/08 8:11 PM
11/26/08 1:04 AM
11/26/08 5:57 AM
11/26/08 10:49 AM
11/26/08 3:42 PM

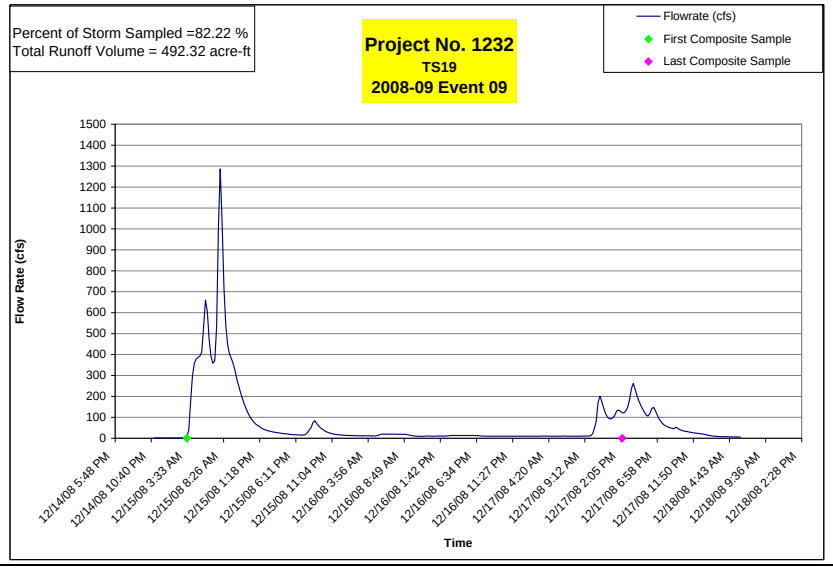

Percent of Storm Sampled =22.23 %
Total Runoff Volume = 26.00 acre-ft
Santa Clara River
2008-09 Event 09
Flowrate (cfs)
First Composite Sample
Last Composite Sample
Flow Rate (cfs)
Time
12/14/08 5:48 PM
12/14/08 10:40 PM
12/15/08 3:33 AM
12/15/08 8:26 AM
12/15/08 1:18 PM
12/15/08 6:11 PM

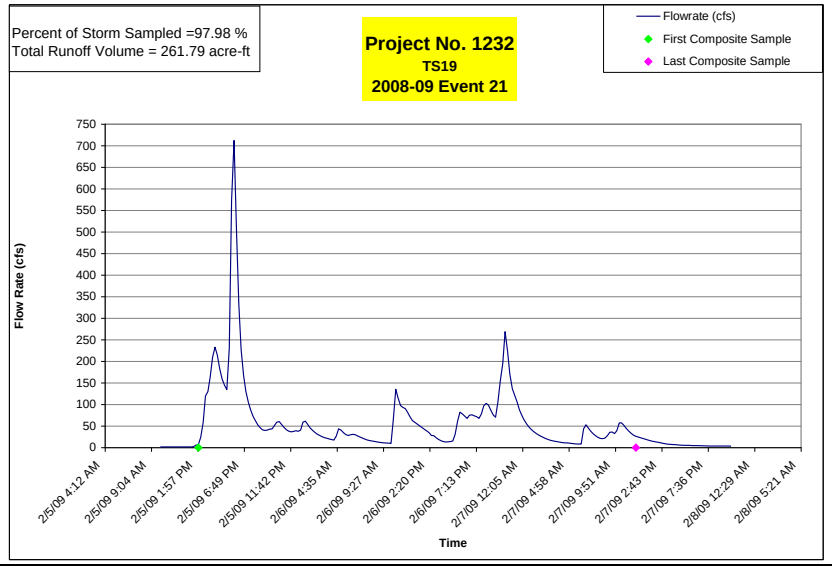

Percent of Storm Sampled = 21.76 %
Total Runoff Volume = 25.95 acre-ft
Santa Clara River
2008-09 Event 21
Flowrate (cfs)
First Composite Sample
Last Composite Sample
Flow Rate (cfs)
Time
2/5/09 9:04 AM
2/5/09 1:57 PM
2/5/09 6:49 PM
2/5/09 11:42 PM
2/6/09 4:35 AM
2/6/09 9:27 AM
2/6/09 2:20 PM
2/6/09 7:13 PM

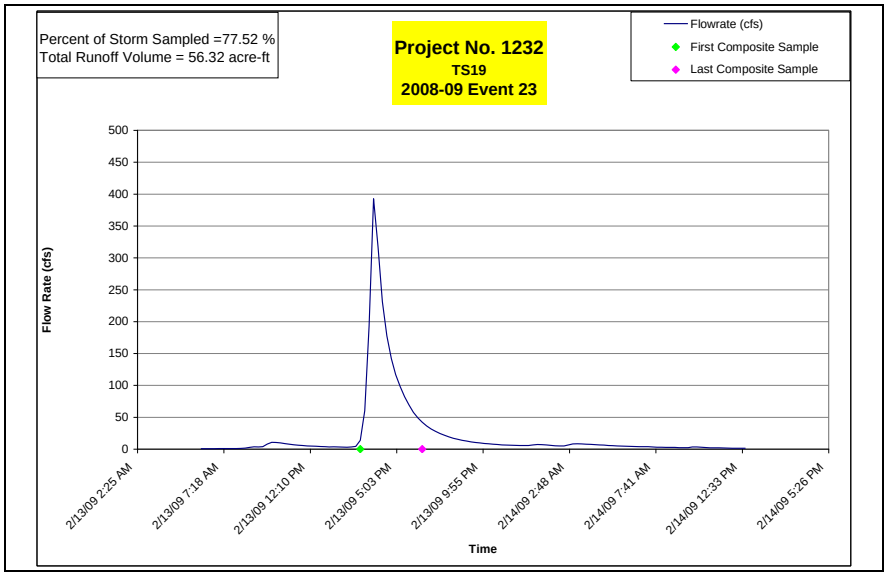

Percent of Storm Sampled =69.56 %
Total Runoff Volume = 5.88 acre-ft
Santa Clara River
2008-09 Event 23
Flowrate (cfs)
First Composite Sample
Last Composite Sample
Flow Rate (cfs)
Time
2/13/09 2:25 AM
2/13/09 7:18 AM
2/13/09 12:10 PM
2/13/09 5:03 PM
2/13/09 9:55 PM
2/14/09 2:48 AM

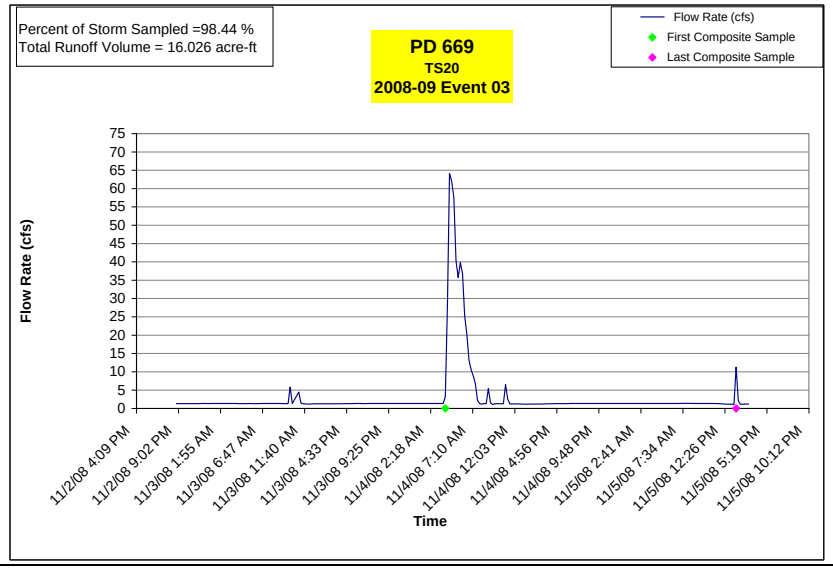

Percent of Storm Sampled =97.14 %
Total Runoff Volume = 83.1 acre-ft
Project No. 1232
TS19
2008-09 Event 03
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Flow Rate (cfs)
Time

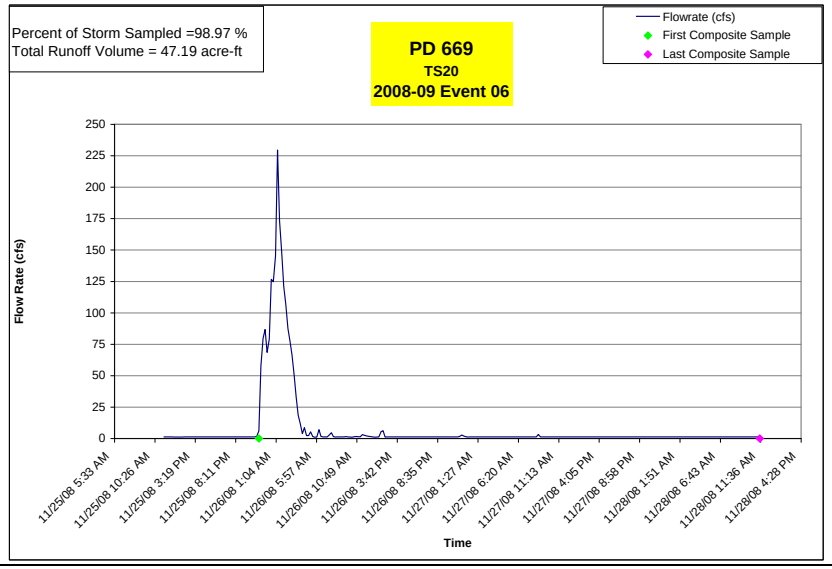

Percent of Storm Sampled =63.34 %
Total Runoff Volume = 220.44 acre-ft
Project No. 1232
TS19
2008-09 Event 06
Flowrate (cfs)
First Composite Sample
Last Composite Sample
Flow Rate (cfs)
Time

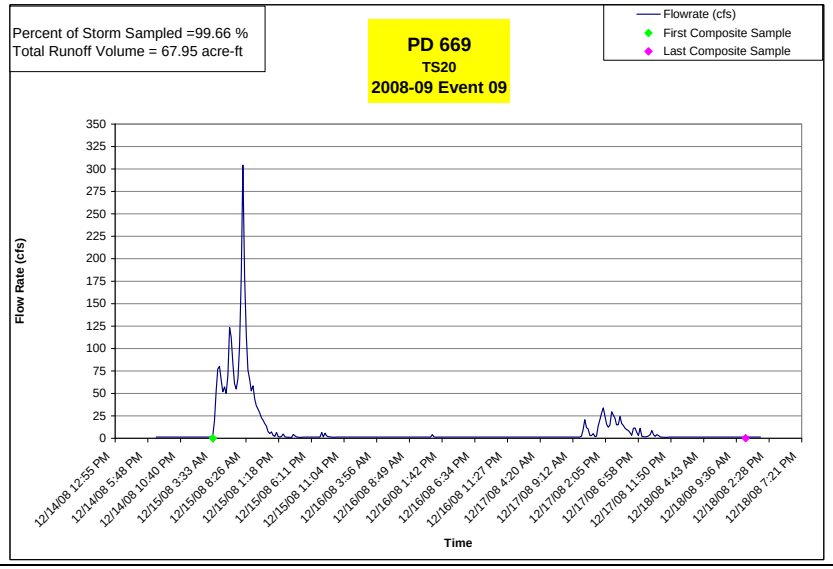

Percent of Storm Sampled =82.22 %
Total Runoff Volume = 492.32 acre-ft
Project No. 1232
TS19
2008-09 Event 09
Flowrate (cfs)
First Composite Sample
Last Composite Sample
Flow Rate (cfs)
Time

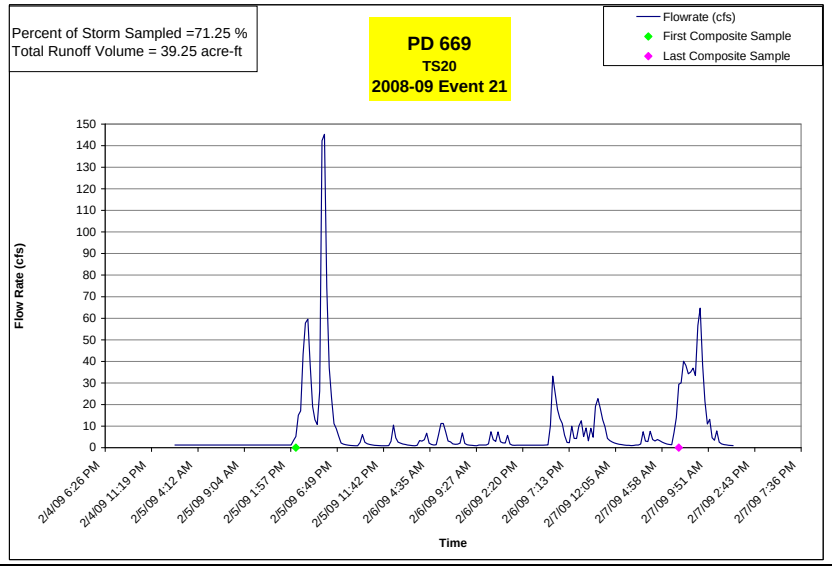

Percent of Storm Sampled =97.98 %
Total Runoff Volume = 261.79 acre-ft
Project No. 1232
TS19
2008-09 Event 21
Flowrate (cfs)
First Composite Sample
Last Composite Sample
Flow Rate (cfs)
Time

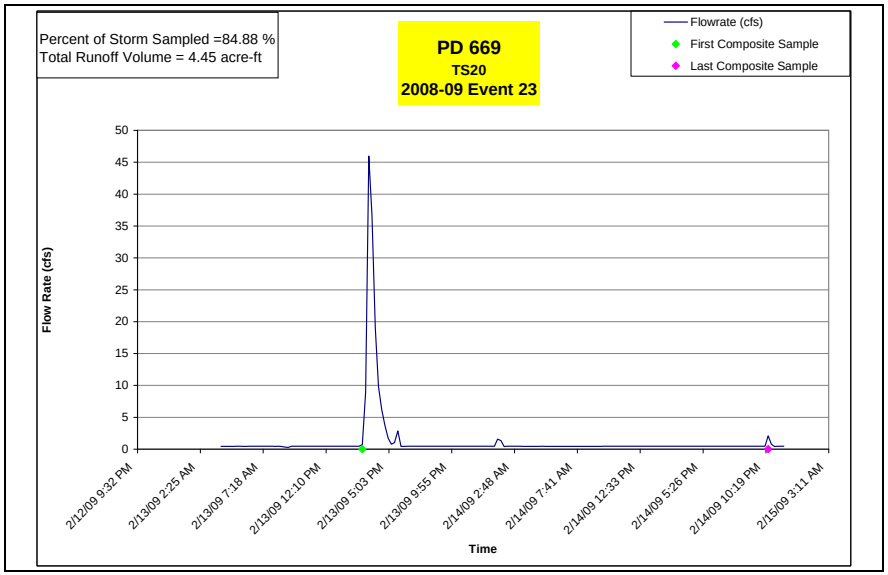

Percent of Storm Sampled =77.52 %
Total Runoff Volume = 56.32 acre-ft
Project No. 1232
TS19
2008-09 Event 23
Flowrate (cfs)
First Composite Sample
Last Composite Sample
Flow Rate (cfs)
500
450
400
350
300
250
200
150
100
50
0
2/13/09 2:25 AM
2/13/09 7:18 AM
2/13/09 12:10 PM
2/13/09 5:03 PM
2/13/09 9:55 PM
2/14/09 2:48 AM
2/14/09 7:41 AM
2/14/09 12:33 PM
2/14/09 5:26 PM
Time

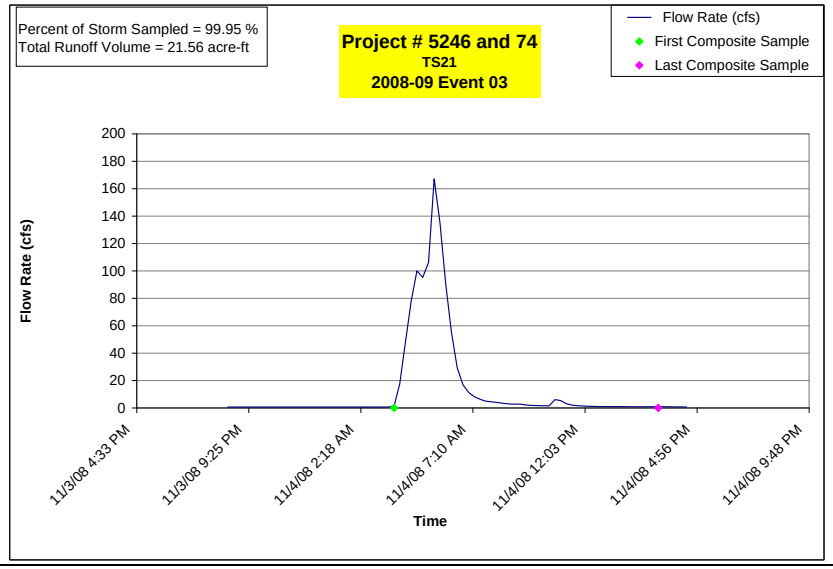

Percent of Storm Sampled =98.44 %
Total Runoff Volume = 16.026 acre-ft
PD 669
TS20
2008-09 Event 03
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Flow Rate (cfs)
Time

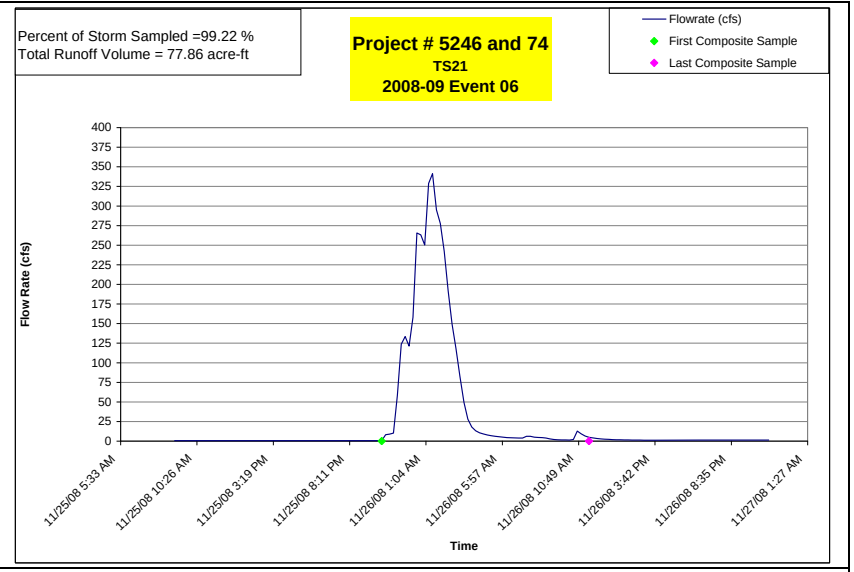

Percent of Storm Sampled =98.97 %
Total Runoff Volume = 47.19 acre-ft
PD 669
TS20
2008-09 Event 06
Flowrate (cfs)
First Composite Sample
Last Composite Sample
Flow Rate (cfs)
Time

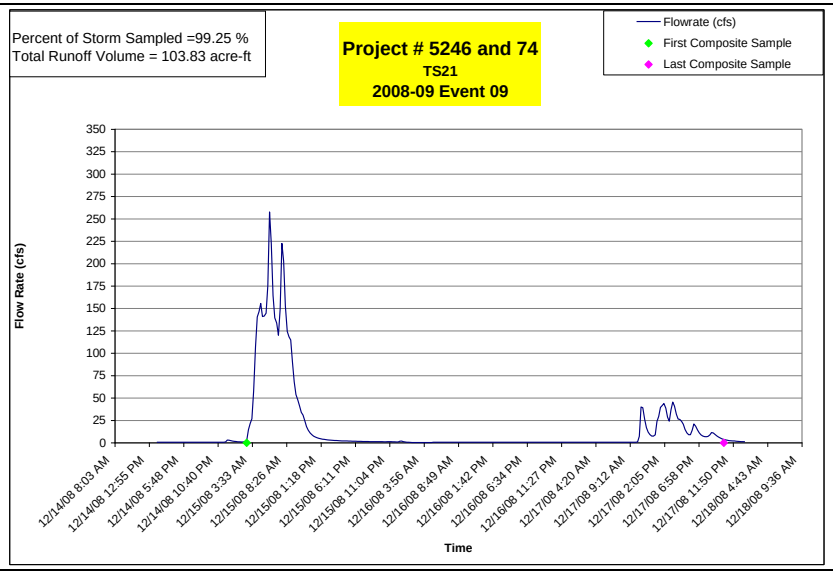

Percent of Storm Sampled =99.66 %
Total Runoff Volume = 67.95 acre-ft
PD 669
TS20
2008-09 Event 09
Flowrate (cfs)
First Composite Sample
Last Composite Sample
Flow Rate (cfs)
Time

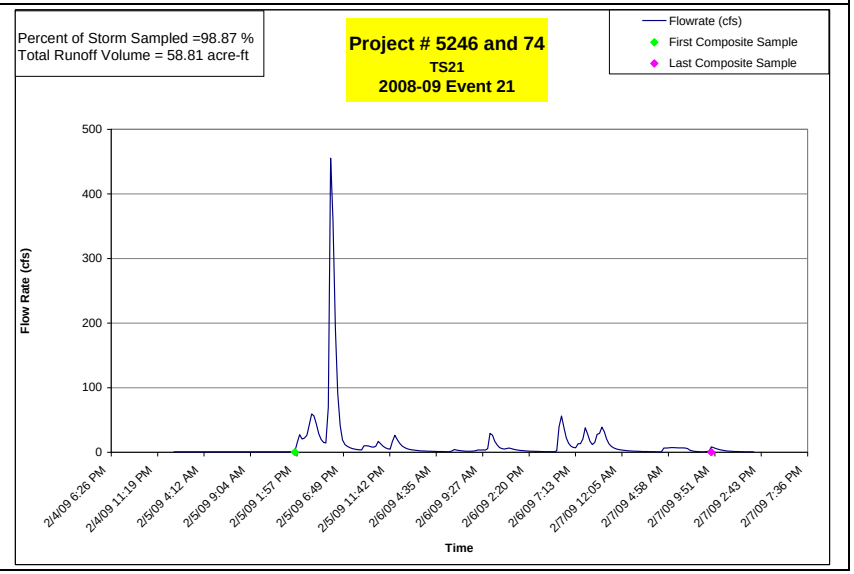

Percent of Storm Sampled =71.25 %
Total Runoff Volume = 39.25 acre-ft
PD 669
TS20
2008-09 Event 21
Flowrate (cfs)
First Composite Sample
Last Composite Sample
Flow Rate (cfs)
Time

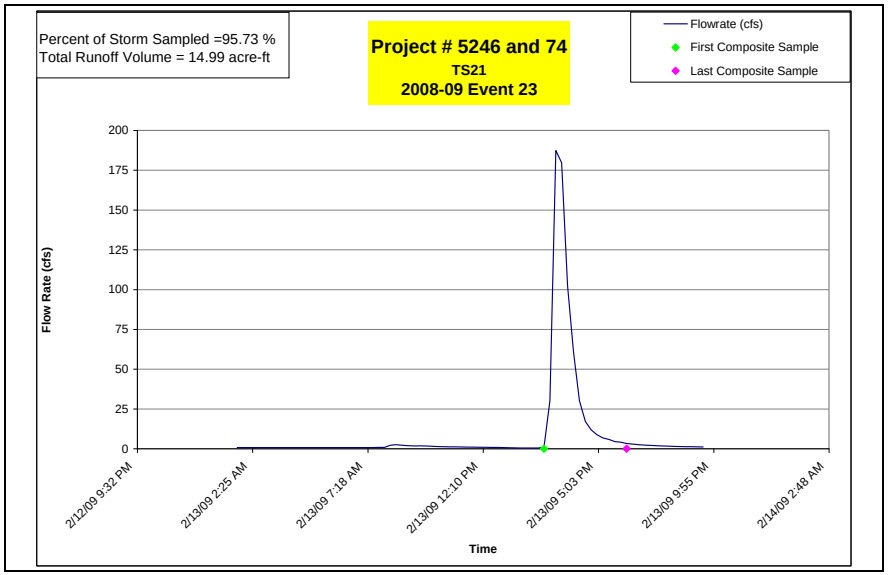

Percent of Storm Sampled =84.88 %
Total Runoff Volume = 4.45 acre-ft
PD 669
TS20
2008-09 Event 23
Flowrate (cfs)
First Composite Sample
Last Composite Sample
Flow Rate (cfs)
50
45
40
35
30
25
20
15
10
5
0
2/12/09 9:32 PM
2/13/09 2:25 AM
2/13/09 7:18 AM
2/13/09 12:10 PM
2/13/09 5:03 PM
2/13/09 9:55 PM
2/14/09 2:48 AM
2/14/09 7:41 AM
2/14/09 12:33 PM
2/14/09 5:26 PM
2/14/09 10:19 PM
2/15/09 3:11 AM
Time

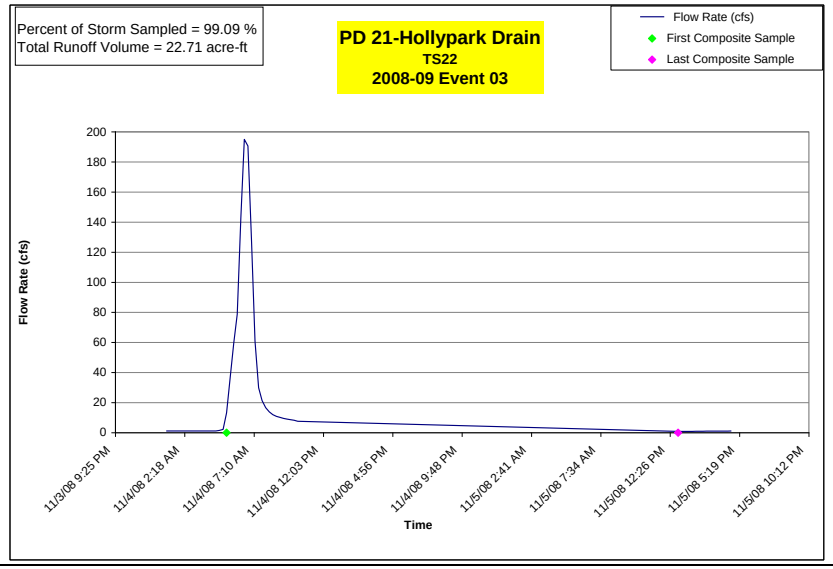

Percent of Storm Sampled = 99.95 %
Total Runoff Volume = 21.56 acre-ft
Project # 5246 and 74
TS21
2008-09 Event 03
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Flow Rate (cfs)
Time

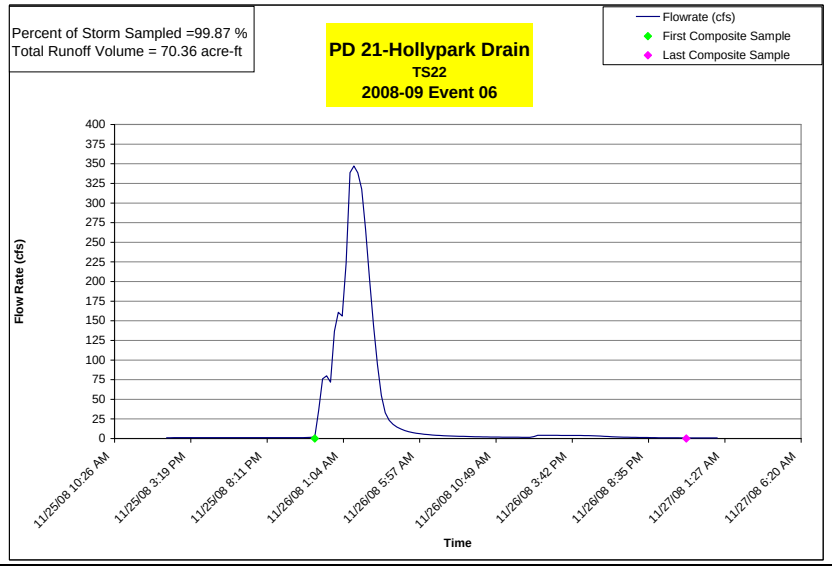

Percent of Storm Sampled =99.22 %
Total Runoff Volume = 77.86 acre-ft
Project # 5246 and 74
TS21
2008-09 Event 06
Flowrate (cfs)
First Composite Sample
Last Composite Sample
Flow Rate (cfs)
Time

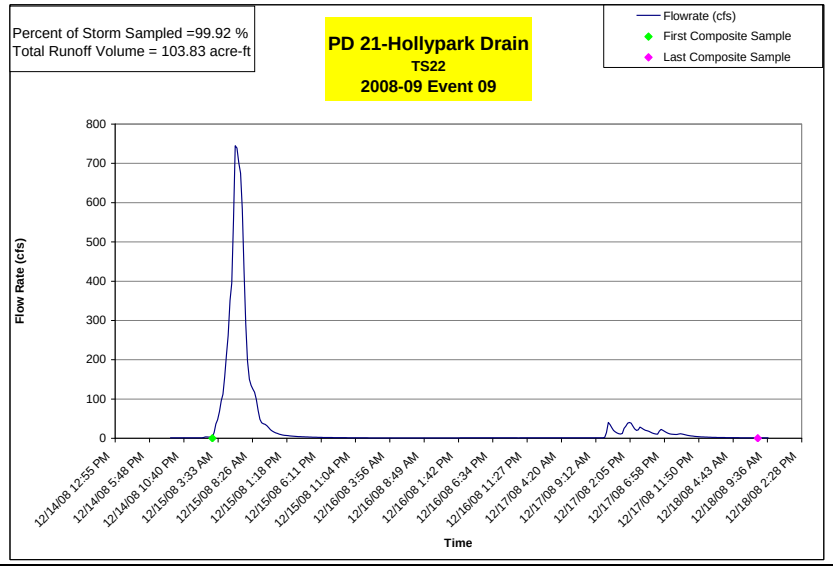

Percent of Storm Sampled =99.25 %
Total Runoff Volume = 103.83 acre-ft
Project # 5246 and 74
TS21
2008-09 Event 09
Flowrate (cfs)
First Composite Sample
Last Composite Sample
Flow Rate (cfs)
Time

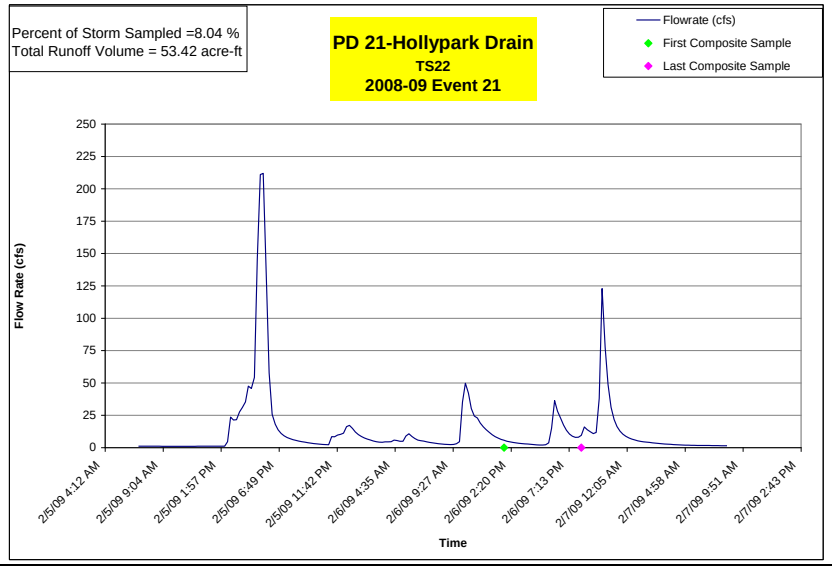

Percent of Storm Sampled =98.87 %
Total Runoff Volume = 58.81 acre-ft
Project # 5246 and 74
TS21
2008-09 Event 21
Flowrate (cfs)
First Composite Sample
Last Composite Sample
Flow Rate (cfs)
Time

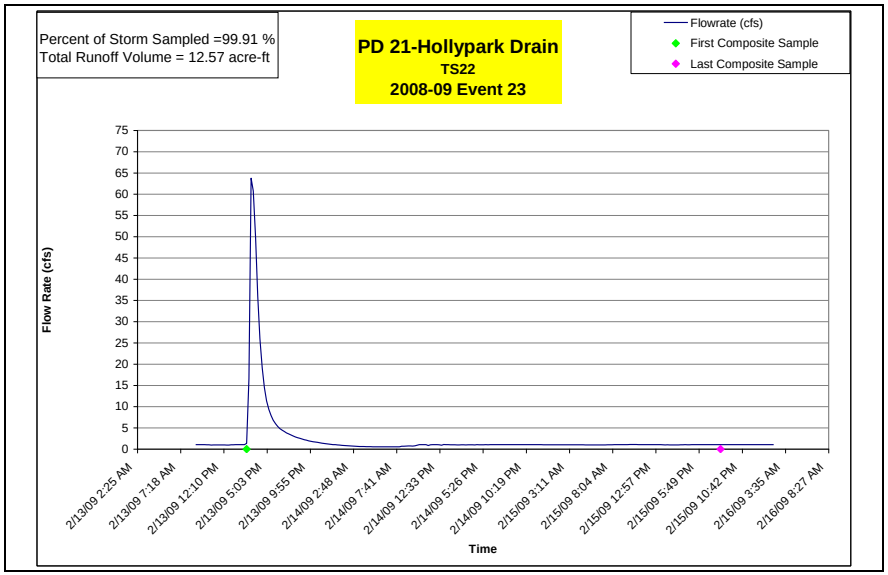

Percent of Storm Sampled =95.73 %
Total Runoff Volume = 14.99 acre-ft
Project # 5246 and 74
TS21
2008-09 Event 23
Flowrate (cfs)
First Composite Sample
Last Composite Sample
Flow Rate (cfs)
200
175
150
125
100
75
50
25
0
2/12/09 9:32 PM
2/13/09 2:25 AM
2/13/09 7:18 AM
2/13/09 12:10 PM
2/13/09 5:03 PM
2/13/09 9:55 PM
2/14/09 2:48 AM
Time

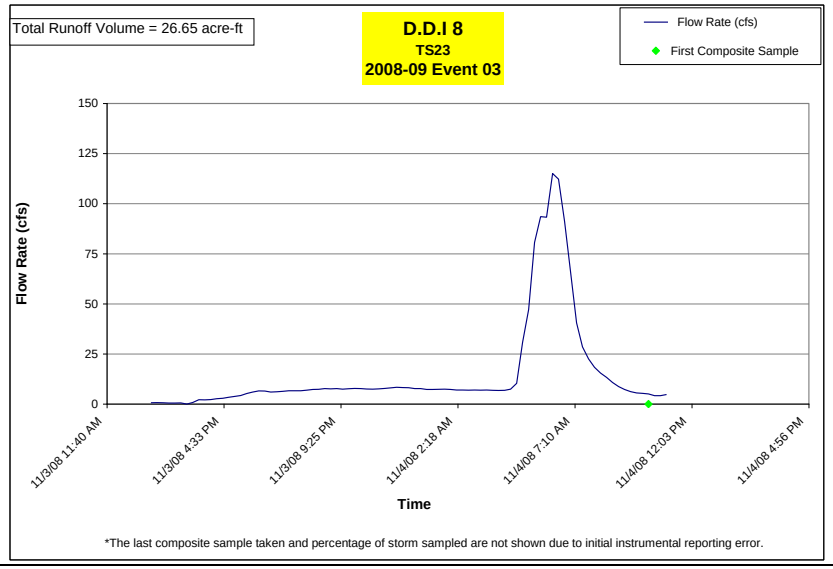

Percent of Storm Sampled = 99.09 %
Total Runoff Volume = 22.71 acre-ft
PD 21-Hollypark Drain
TS22
2008-09 Event 03
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Flow Rate (cfs)
Time

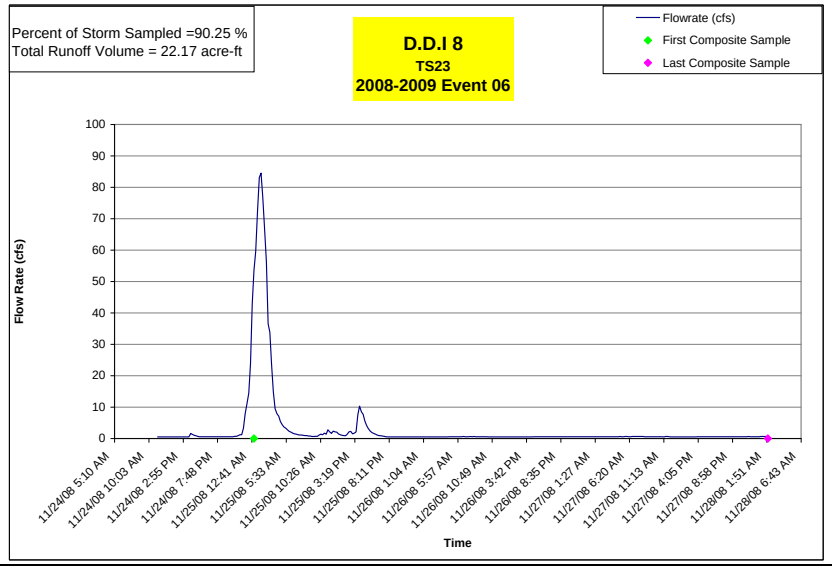

Percent of Storm Sampled =99.87 %
Total Runoff Volume = 70.36 acre-ft
PD 21-Hollypark Drain
TS22
2008-09 Event 06
Flowrate (cfs)
First Composite Sample
Last Composite Sample
Flow Rate (cfs)
Time

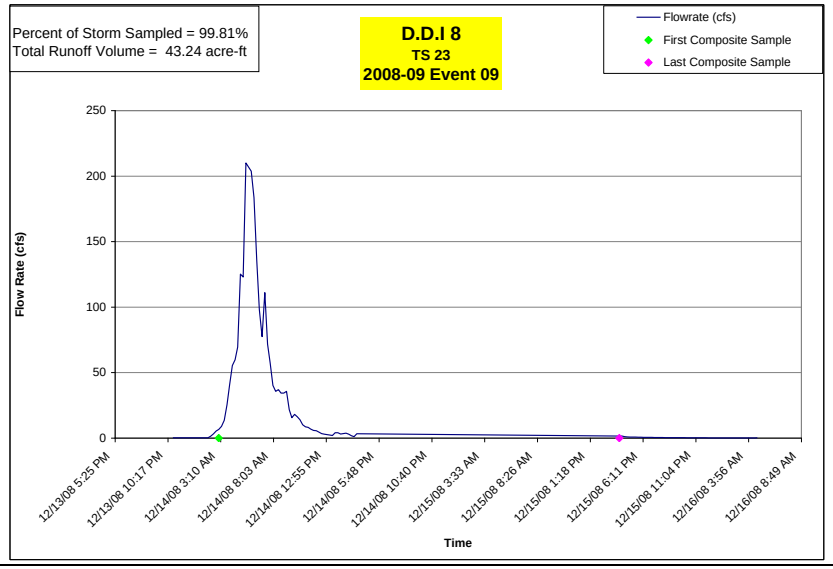

Percent of Storm Sampled =99.92 %
Total Runoff Volume = 103.83 acre-ft
PD 21-Hollypark Drain
TS22
2008-09 Event 09
Flowrate (cfs)
First Composite Sample
Last Composite Sample
Flow Rate (cfs)
Time

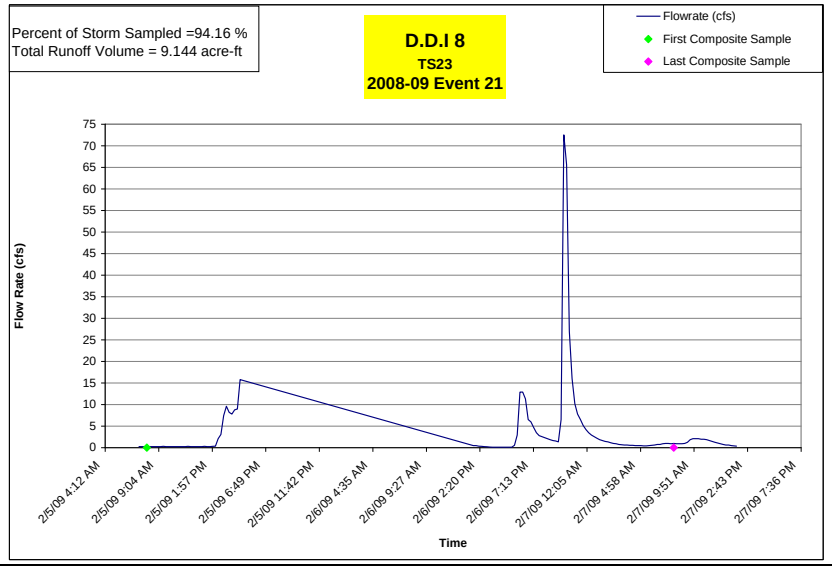

Percent of Storm Sampled =8.04 %
Total Runoff Volume = 53.42 acre-ft
PD 21-Hollypark Drain
TS22
2008-09 Event 21
Flowrate (cfs)
First Composite Sample
Last Composite Sample
Flow Rate (cfs)
Time

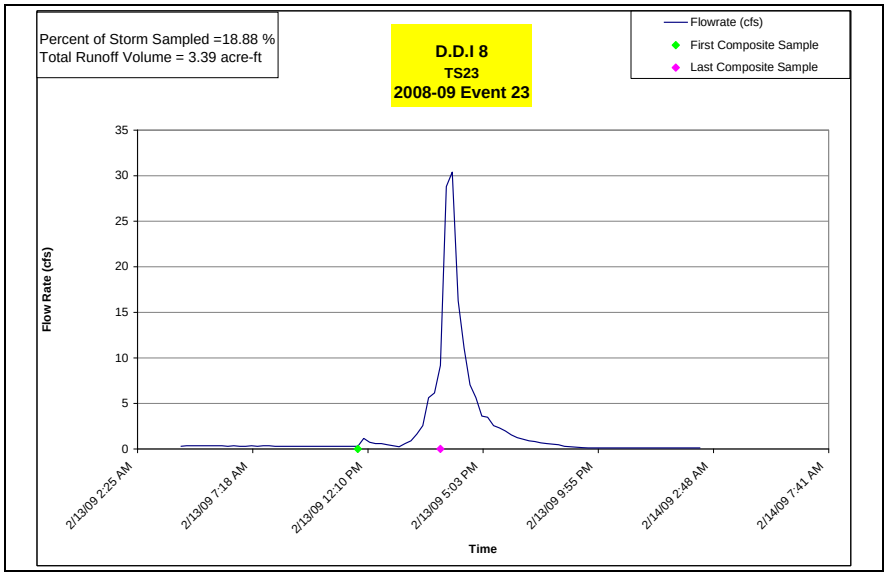

Percent of Storm Sampled =99.91 %
Total Runoff Volume = 12.57 acre-ft
PD 21-Hollypark Drain
TS22
2008-09 Event 23
Flowrate (cfs)
First Composite Sample
Last Composite Sample
Flow Rate (cfs)
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
2/13/09 2:25 AM
2/13/09 7:18 AM
2/13/09 12:10 PM
2/13/09 5:03 PM
2/13/09 9:55 PM
2/14/09 2:48 AM
2/14/09 7:41 AM
2/14/09 12:33 PM
2/14/09 5:26 PM
2/14/09 10:19 PM
2/15/09 3:11 AM
2/15/09 8:04 AM
2/15/09 12:57 PM
2/15/09 5:49 PM
2/15/09 10:42 PM
2/16/09 3:35 AM
2/16/09 8:27 AM
Time

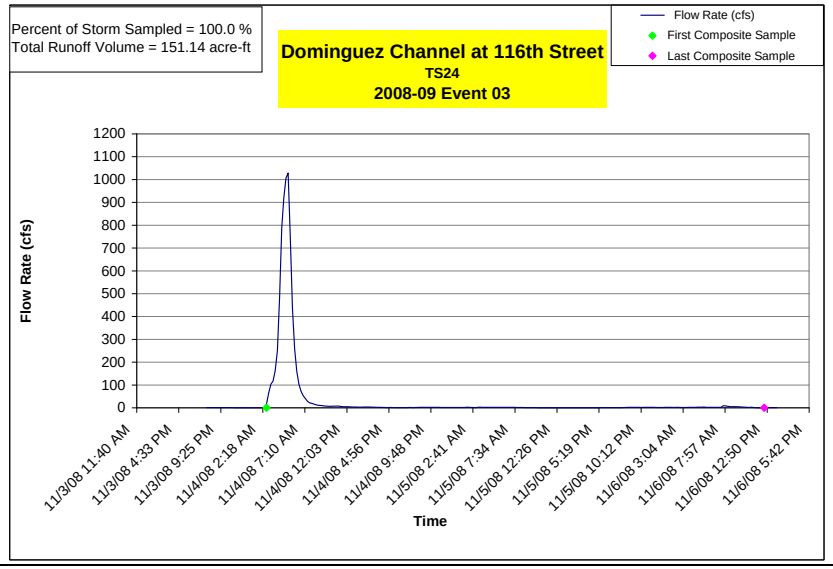

Total Runoff Volume = 26.65 acre-ft
D.D.I 8
TS23
2008-09 Event 03
Flow Rate (cfs)
First Composite Sample
Flow Rate (cfs)
Time
*The last composite sample taken and percentage of storm sampled are not shown due to initial instrumental reporting error.

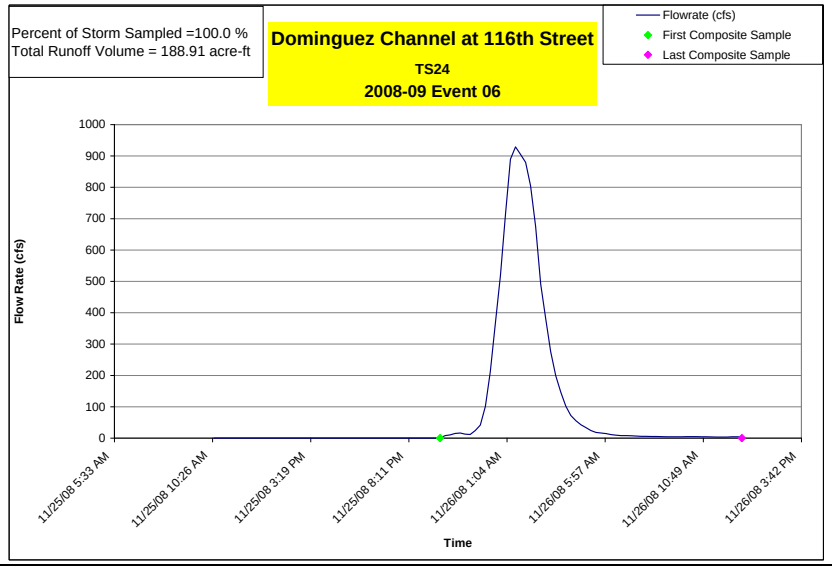

Percent of Storm Sampled =90.25 %
Total Runoff Volume = 22.17 acre-ft
D.D.I 8
TS23
2008-2009 Event 06
Flowrate (cfs)
First Composite Sample
Last Composite Sample
Flow Rate (cfs)
Time

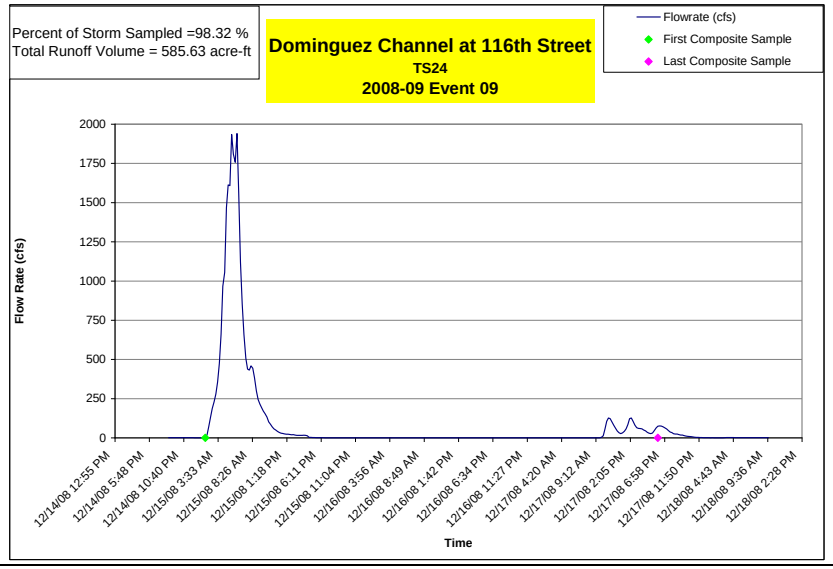

Percent of Storm Sampled = 99.81%
Total Runoff Volume = 43.24 acre-ft
D.D.I 8
TS 23
2008-09 Event 09
Flowrate (cfs)
First Composite Sample
Last Composite Sample
Flow Rate (cfs)
Time

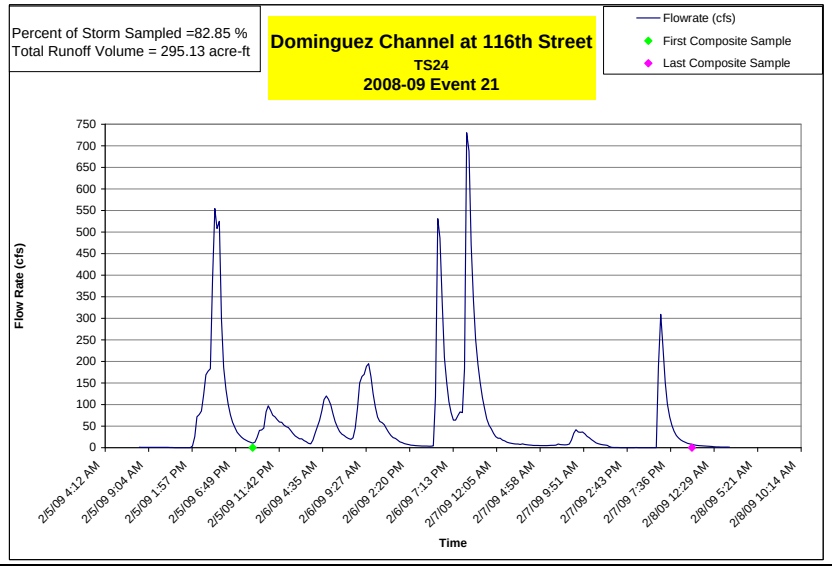

Percent of Storm Sampled =94.16 %
Total Runoff Volume = 9.144 acre-ft
D.D.I 8
TS23
2008-09 Event 21
Flowrate (cfs)
First Composite Sample
Last Composite Sample
Flow Rate (cfs)
Time

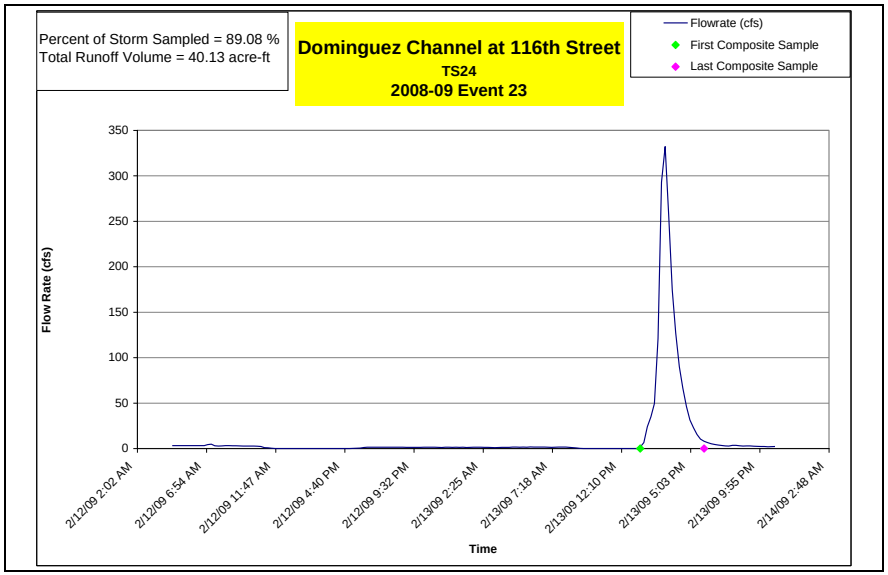

Percent of Storm Sampled =18.88 %
Total Runoff Volume = 3.39 acre-ft
D.D.I 8
TS23
2008-09 Event 23
Flowrate (cfs)
First Composite Sample
Last Composite Sample
Flow Rate (cfs)
35
30
25
20
15
10
5
0
2/13/09 2:25 AM
2/13/09 7:18 AM
2/13/09 12:10 PM
2/13/09 5:03 PM
2/13/09 9:55 PM
2/14/09 2:48 AM
2/14/09 7:41 AM
Time


Percent of Storm Sampled = 100.0 %
Total Runoff Volume = 151.14 acre-ft
Dominguez Channel at 116th Street
TS24
2008-09 Event 03
Flow Rate (cfs)
First Composite Sample
Last Composite Sample
Flow Rate (cfs)
Time


Percent of Storm Sampled =100.0 %
Total Runoff Volume = 188.91 acre-ft
Dominguez Channel at 116th Street
TS24
2008-09 Event 06
Flowrate (cfs)
First Composite Sample
Last Composite Sample
Flow Rate (cfs)
Time


Percent of Storm Sampled =98.32 %
Total Runoff Volume = 585.63 acre-ft
Dominguez Channel at 116th Street
TS24
2008-09 Event 09
Flowrate (cfs)
First Composite Sample
Last Composite Sample
Flow Rate (cfs)
Time


Percent of Storm Sampled =82.85 %
Total Runoff Volume = 295.13 acre-ft
Dominguez Channel at 116th Street
TS24
2008-09 Event 21
Flowrate (cfs)
First Composite Sample
Last Composite Sample
Flow Rate (cfs)
Time


Percent of Storm Sampled = 89.08 %
Total Runoff Volume = 40.13 acre-ft
Dominguez Channel at 116th Street
TS24
2008-09 Event 23
Flowrate (cfs)
First Composite Sample
Last Composite Sample
Flow Rate (cfs)
350
300
250
200
150
100
50
0
2/12/09 2:02 AM
2/12/09 6:54 AM
2/12/09 11:47 AM
2/12/09 4:40 PM
2/12/09 9:32 PM
2/13/09 2:25 AM
2/13/09 7:18 AM
2/13/09 12:10 PM
2/13/09 5:03 PM
2/13/09 9:55 PM
2/14/09 2:48 AM
Time