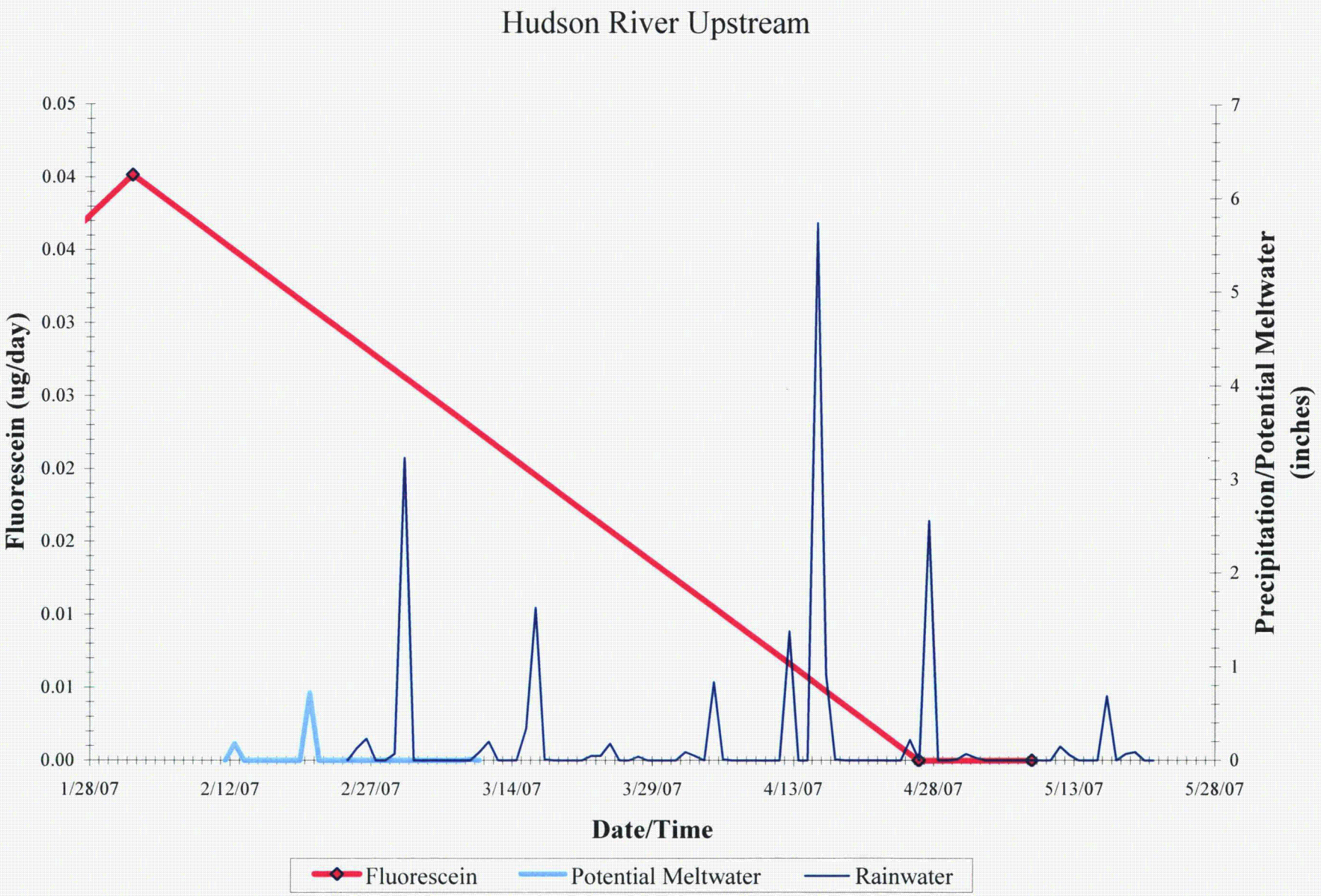
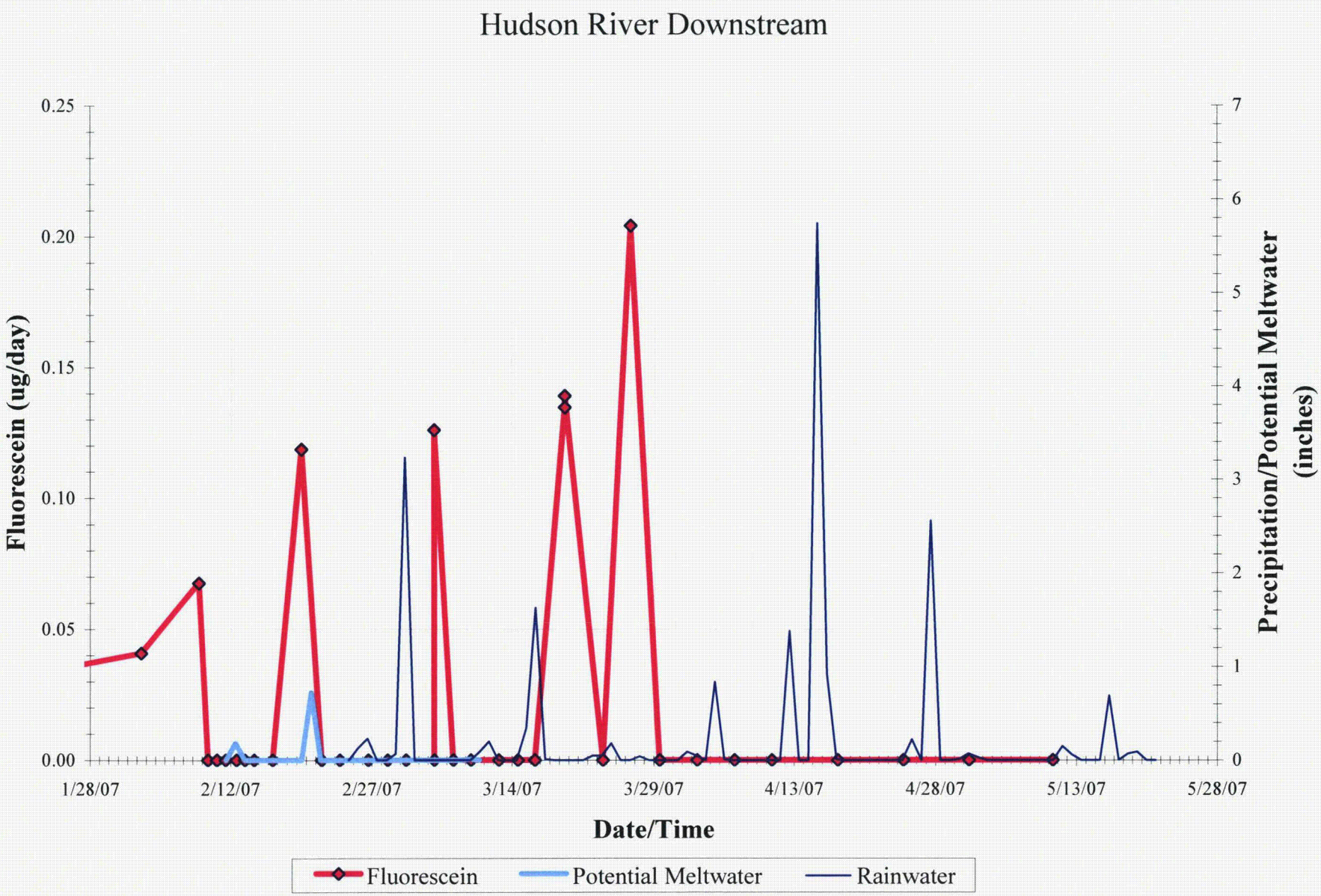
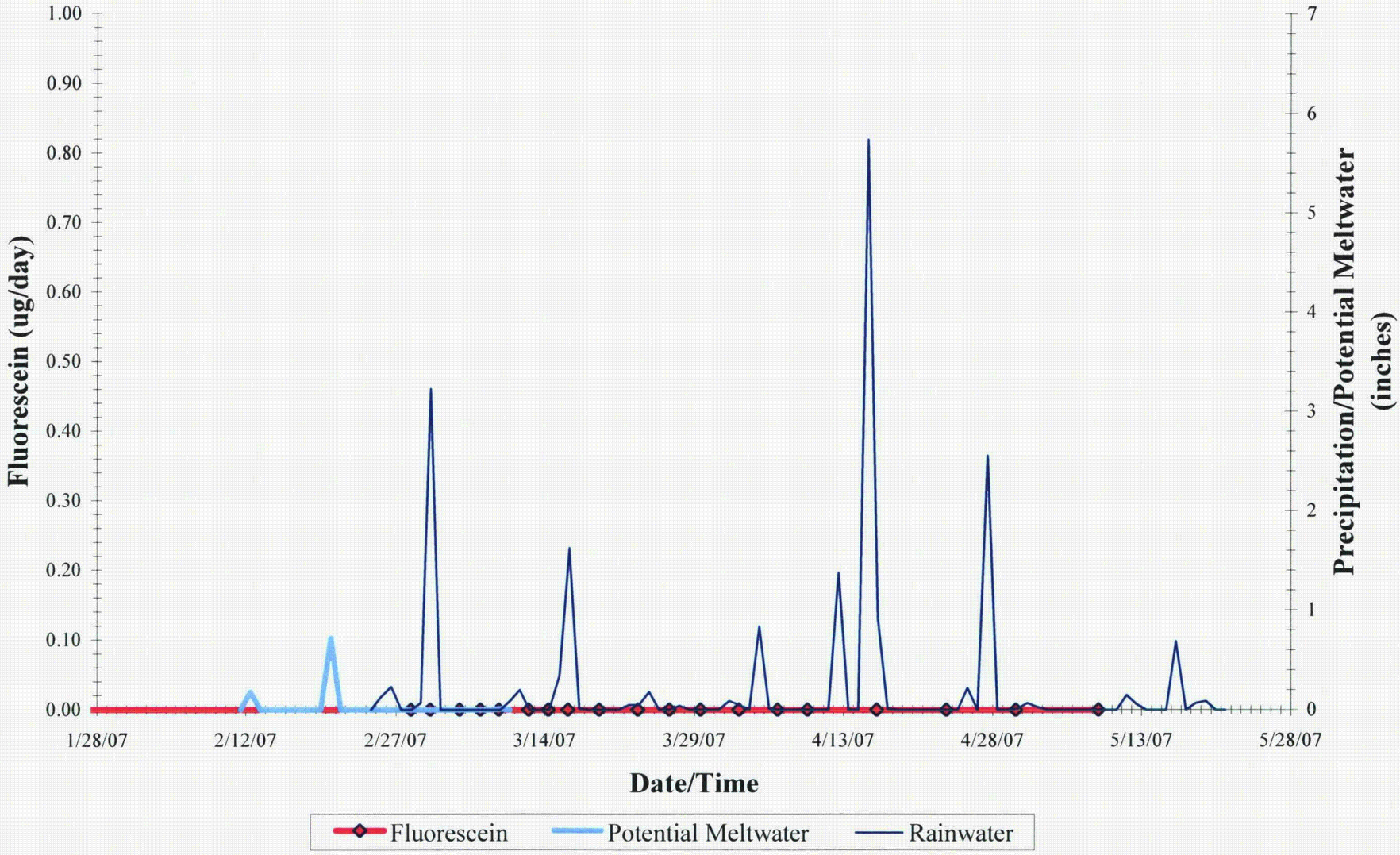
APPENDIX N

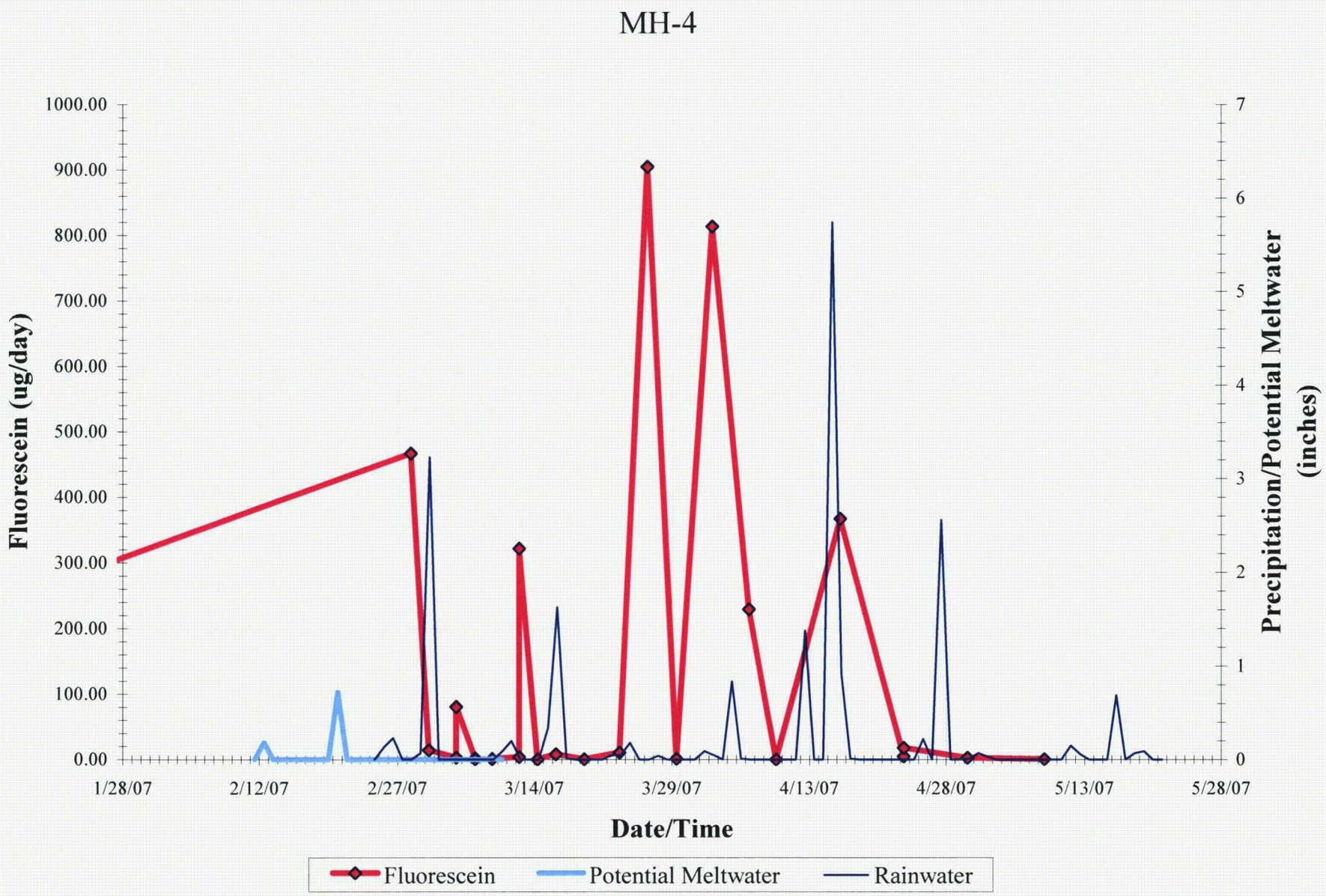
ORGANIC TRACER TEST RESULTS


Hudson River Upstream
Fluorescein (ug/day)
0.05
0.04
0.04
0.03
0.03
0.02
0.02
0.01
0.01
0.00
Precipitation/Potential Meltwater (inches)
7
6
5
4
3
2
1
0
1/28/07
2/12/07
2/27/07
3/14/07
3/29/07
4/13/07
4/28/07
5/13/07
5/28/07
Date/Time
Fluorescein
Potential Meltwater
Rainwater

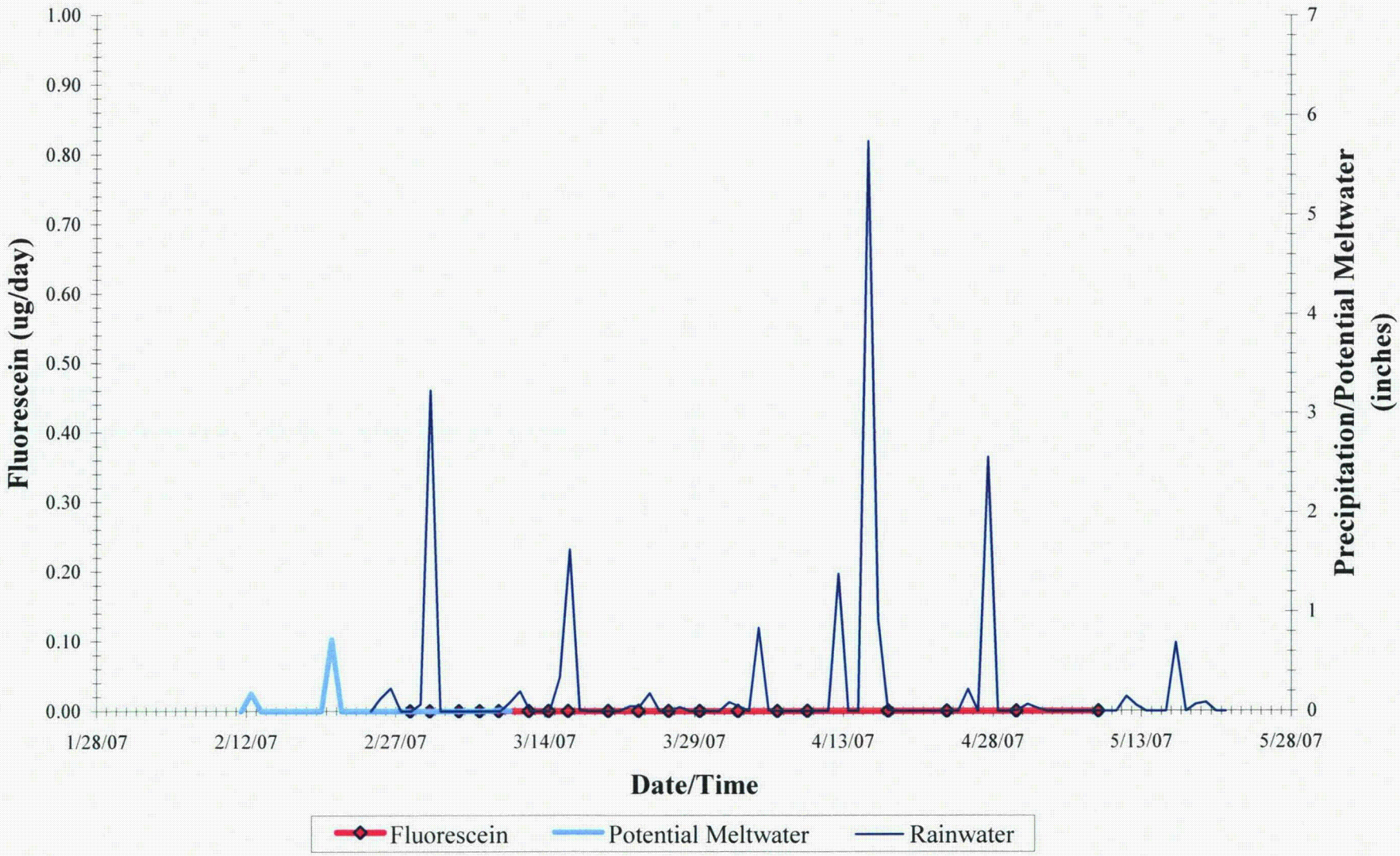

Hudson River Downstream
Fluorescein (ug/day)
0.25
0.20
0.15
0.10
0.05
0.00
Precipitation/Potential Meltwater (inches)
7
6
5
4
3
2
1
0
1/28/07
2/12/07
2/27/07
3/14/07
3/29/07
4/13/07
4/28/07
5/13/07
5/28/07
Date/Time
Fluorescein
Potential Meltwater
Rainwater

MH-2

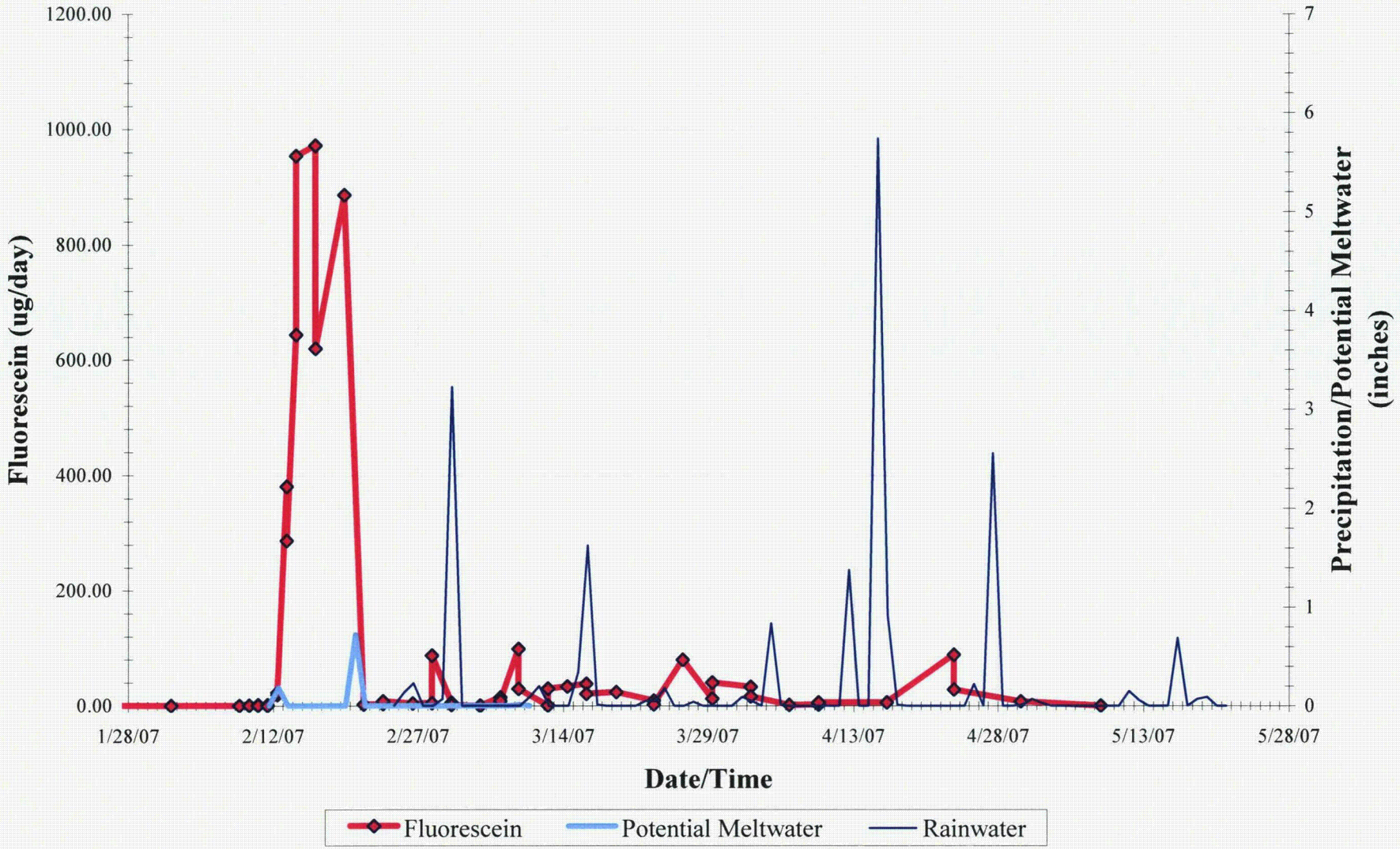

1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
Fluorescein (ug/day)
7
6
5
4
3
2
1
0
Precipitation/Potential Meltwater (inches)
1/28/07
2/12/07
2/27/07
3/14/07
3/29/07
4/13/07
4/28/07
5/13/07
5/28/07
Date/Time
Fluorescein
Potential Meltwater
Rainwater


MH-4
Fluorescein (ug/day)
1000.00
900.00
800.00
700.00
600.00
500.00
400.00
300.00
200.00
100.00
0.00
Precipitation/Potential Meltwater (inches)
7
6
5
4
3
2
1
0
1/28/07
2/12/07
2/27/07
3/14/07
3/29/07
4/13/07
4/28/07
5/13/07
5/28/07
Date/Time
Fluorescein
Potential Meltwater
Rainwater

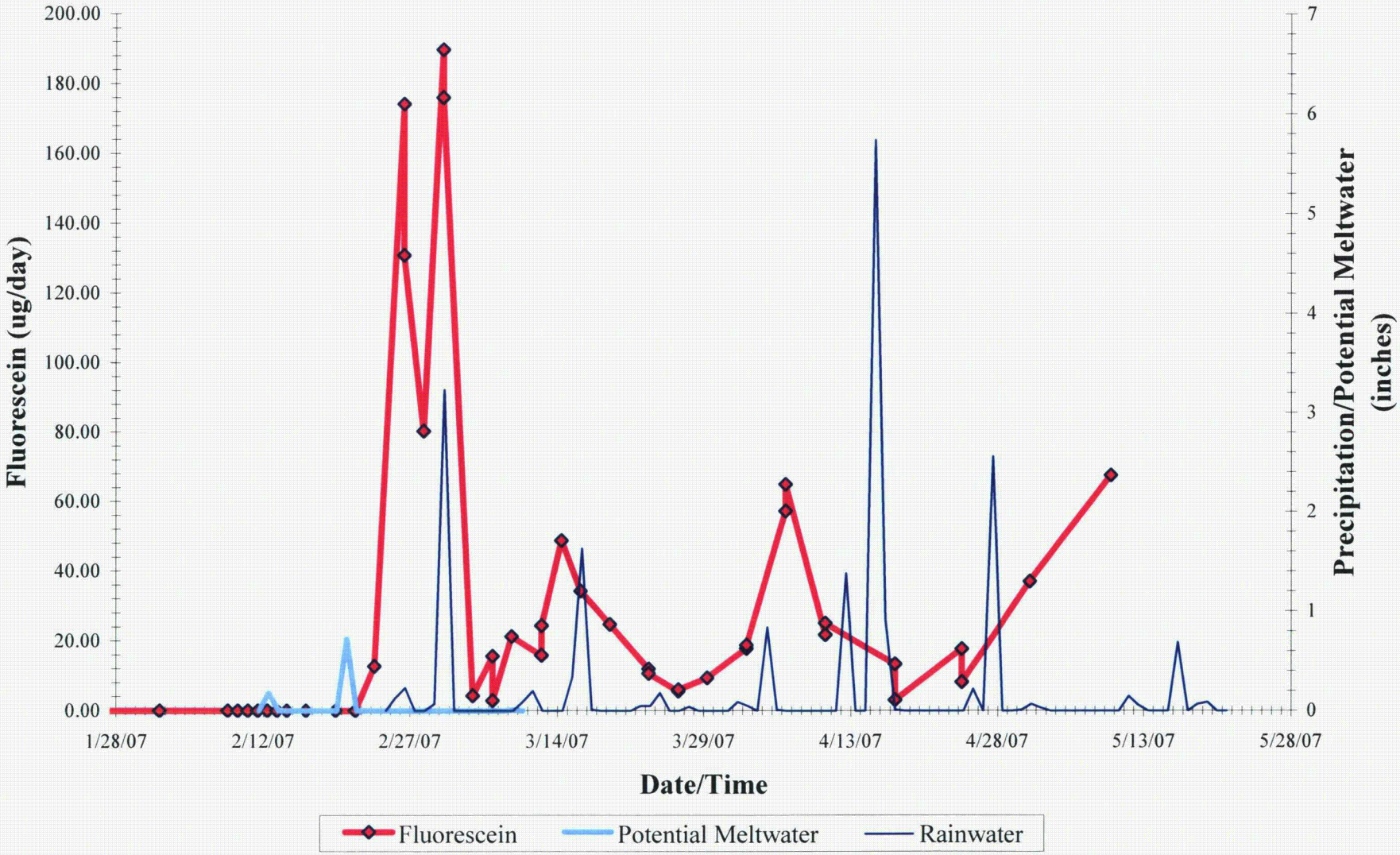
MH-4A


Fluorescein (ug/day)
1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
Precipitation/Potential Meltwater (inches)
7
6
5
4
3
2
1
0
1/28/07
2/12/07
2/27/07
3/14/07
3/29/07
4/13/07
4/28/07
5/13/07
5/28/07
Date/Time
Fluorescein
Potential Meltwater
Rainwater

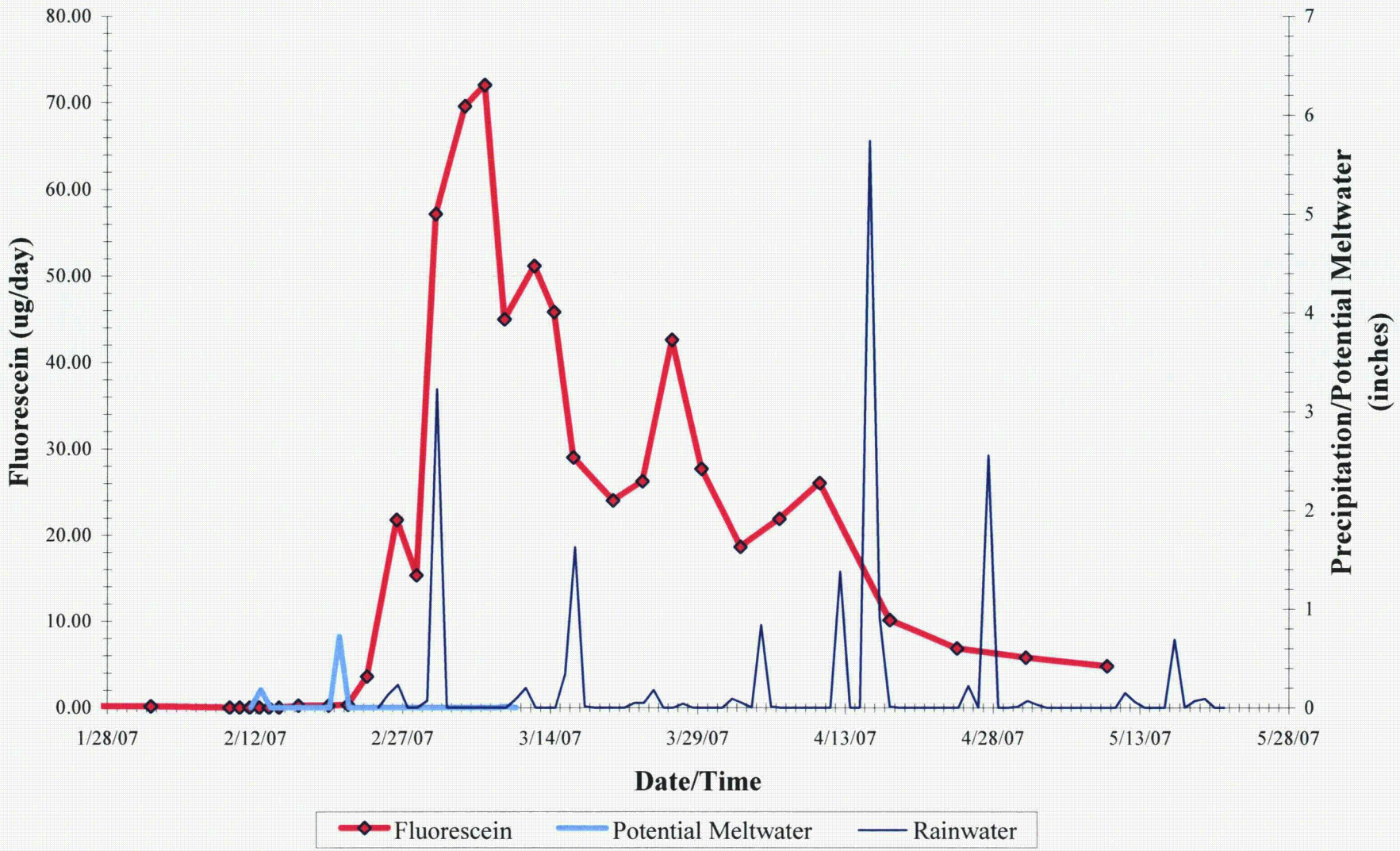
MH-5

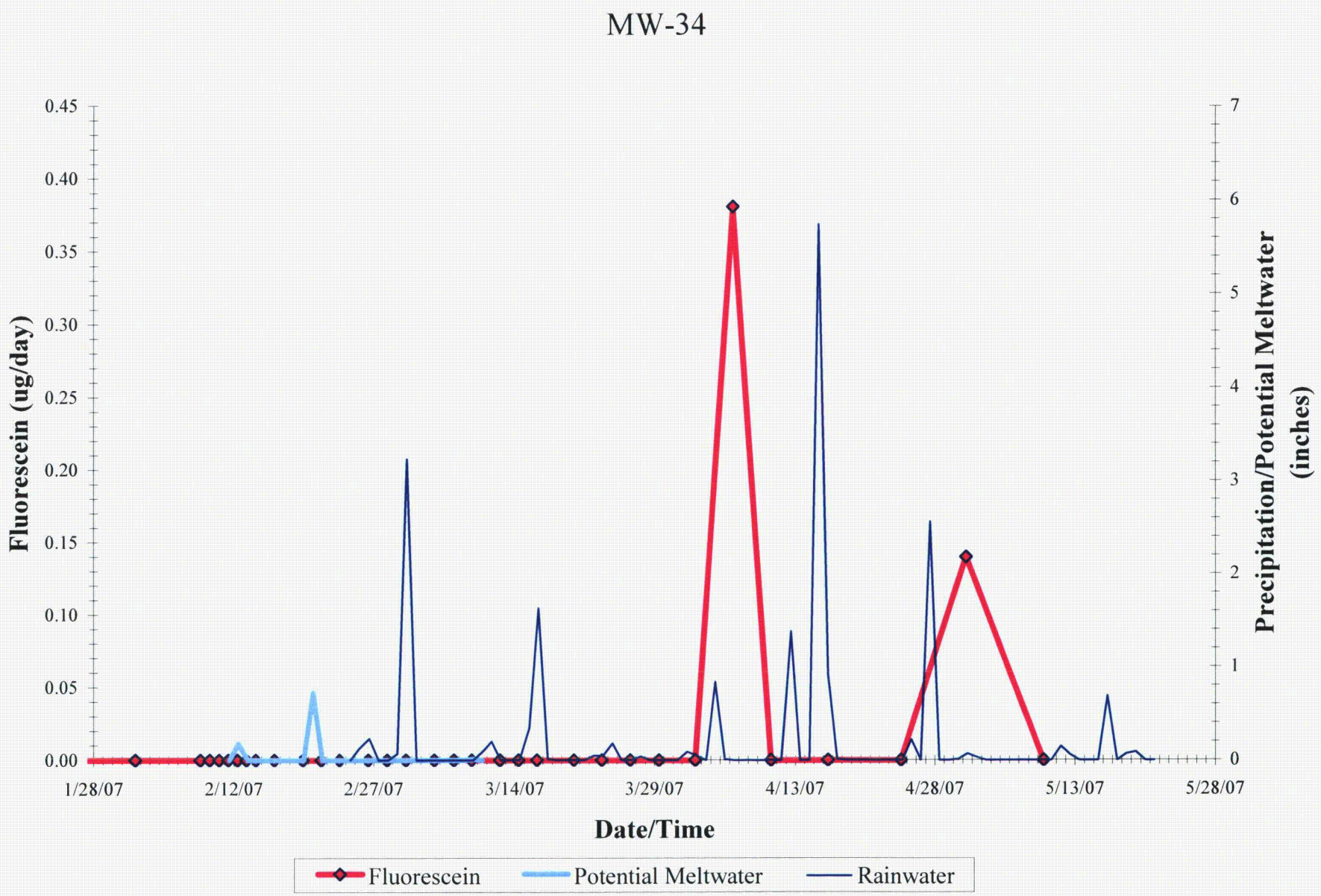

1200.00
1000.00
800.00
600.00
400.00
200.00
0.00
Fluorescein (ug/day)
7
6
5
4
3
2
1
0
Precipitation/Potential Meltwater (inches)
1/28/07
2/12/07
2/27/07
3/14/07
3/29/07
4/13/07
4/28/07
5/13/07
5/28/07
Date/Time
Fluorescein
Potential Meltwater
Rainwater

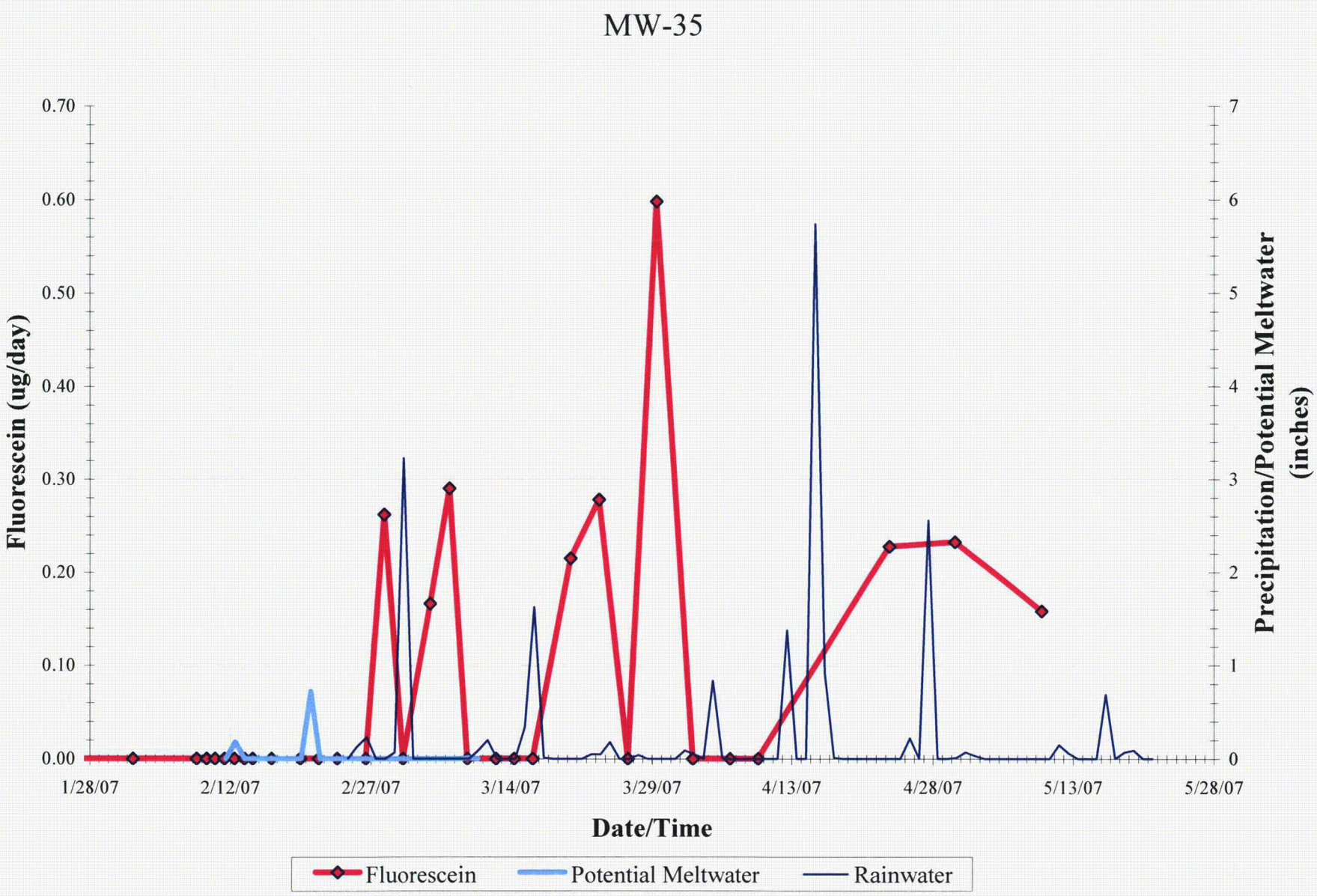
MH-6

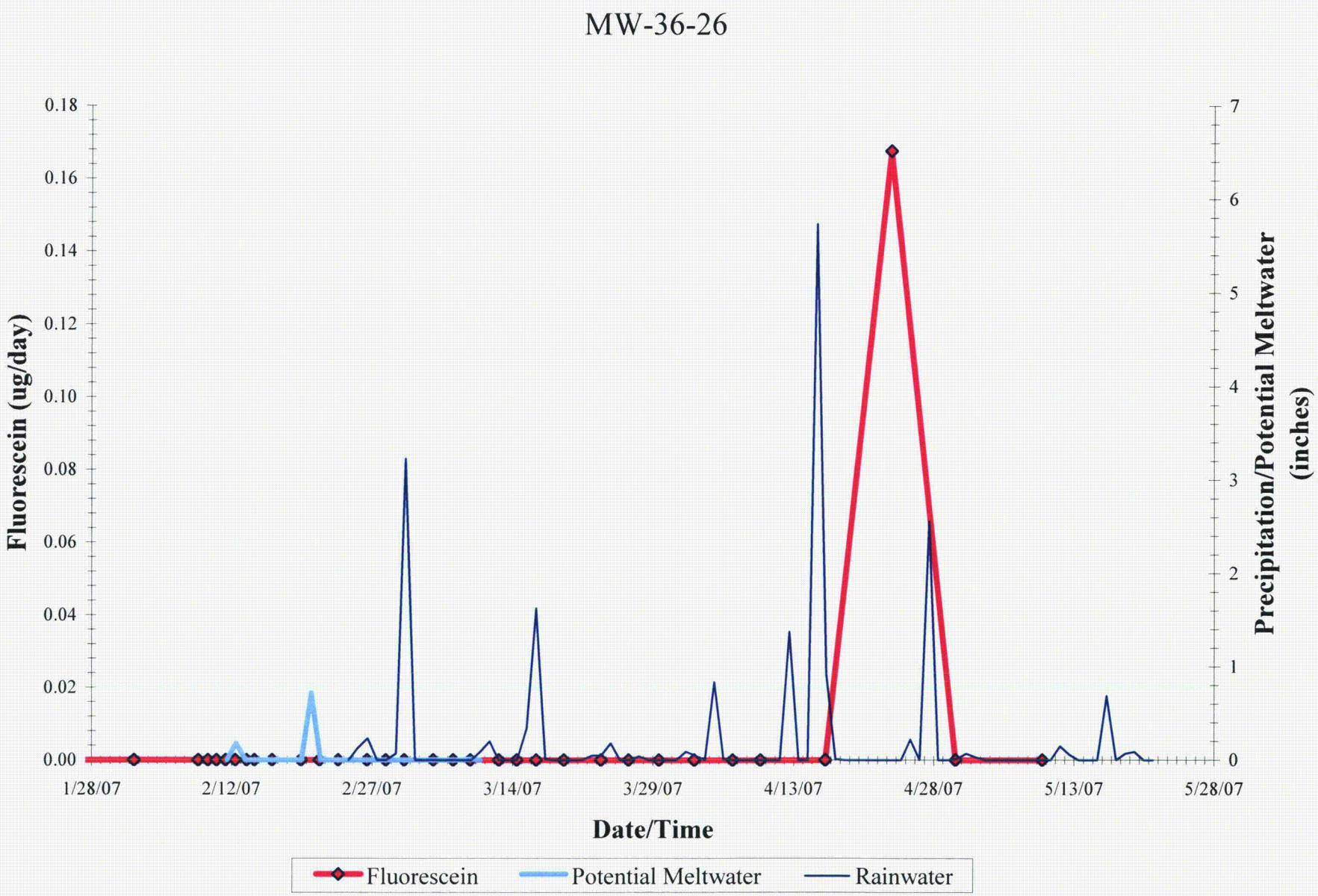

Fluorescein (ug/day)
200.00
180.00
160.00
140.00
120.00
100.00
80.00
60.00
40.00
20.00
0.00
Precipitation/Potential Meltwater (inches)
7
6
5
4
3
2
1
0
1/28/07
2/12/07
2/27/07
3/14/07
3/29/07
4/13/07
4/28/07
5/13/07
5/28/07
Date/Time
Fluorescein
Potential Meltwater
Rainwater

MW-33

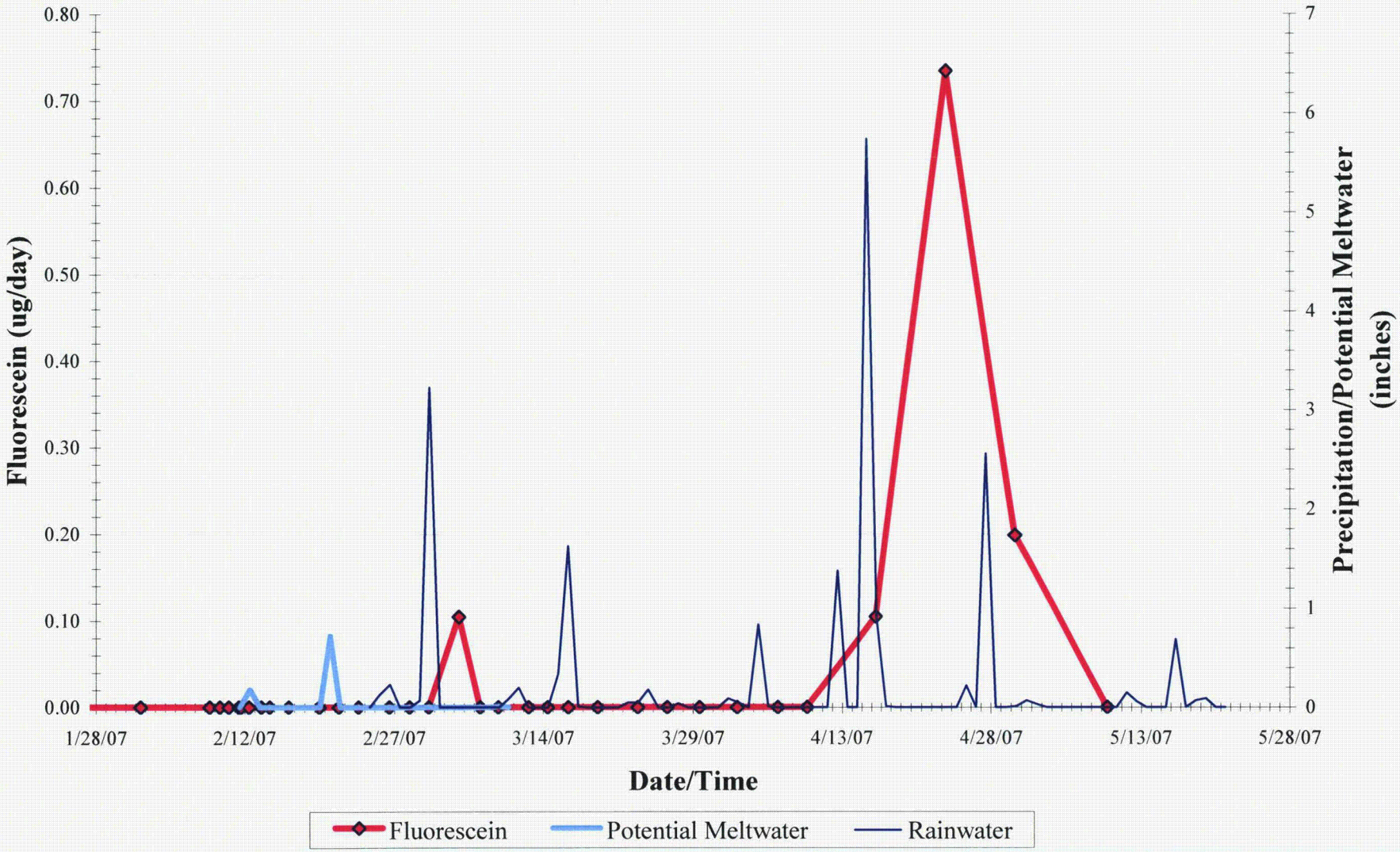

80.00
70.00
60.00
50.00
40.00
30.00
20.00
10.00
0.00
Fluorescein (ug/day)
7
6
5
4
3
2
1
0
Precipitation/Potential Meltwater (inches)
1/28/07
2/12/07
2/27/07
3/14/07
3/29/07
4/13/07
4/28/07
5/13/07
5/28/07
Date/Time
Fluorescein
Potential Meltwater
Rainwater


MW-34
Fluorescein (ug/day)
0.45
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
Precipitation/Potential Meltwater (inches)
7
6
5
4
3
2
1
0
1/28/07
2/12/07
2/27/07
3/14/07
3/29/07
4/13/07
4/28/07
5/13/07
5/28/07
Date/Time
Fluorescein
Potential Meltwater
Rainwater

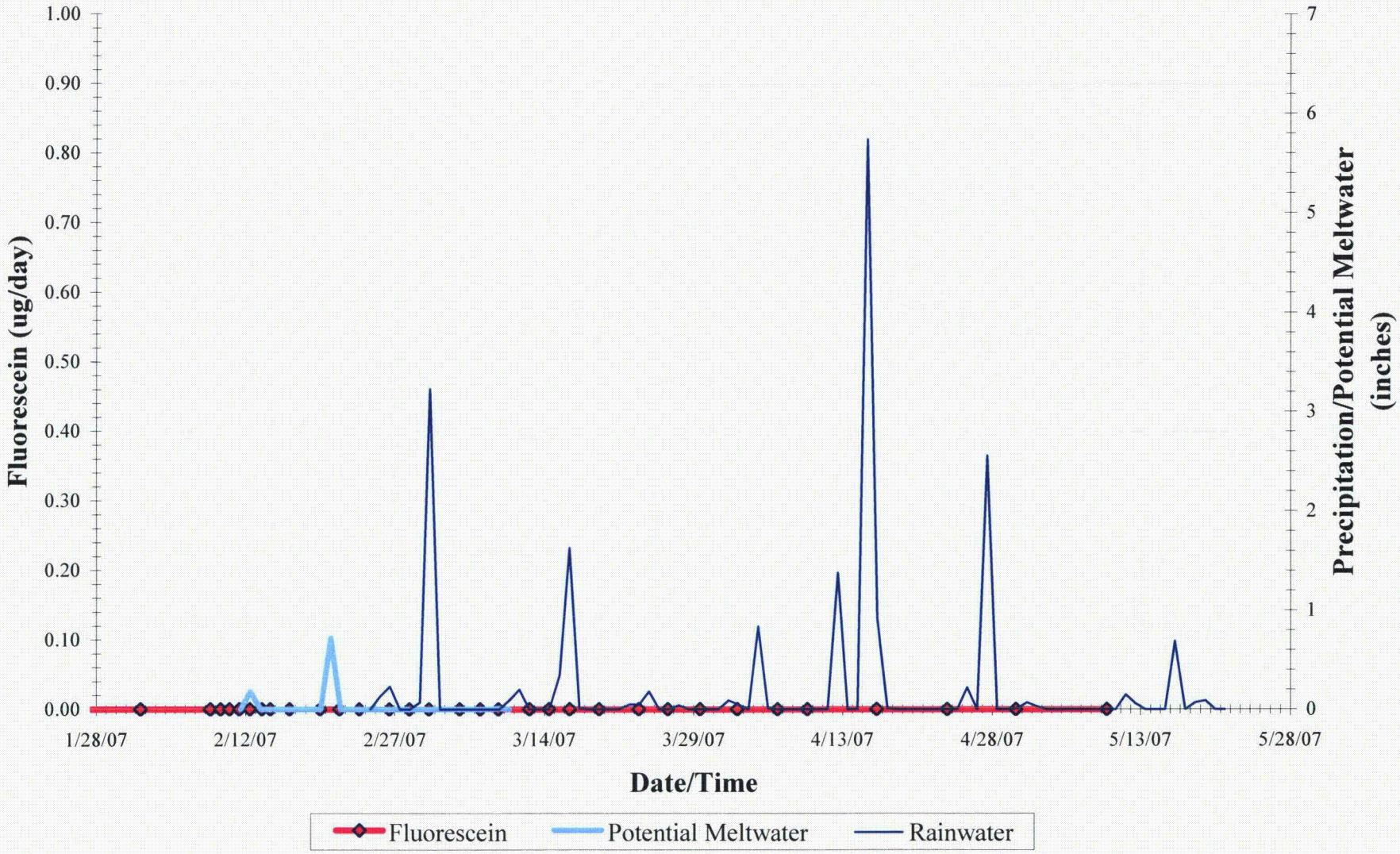

MW-35
Fluorescein (ug/day)
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
Precipitation/Potential Meltwater (inches)
7
6
5
4
3
2
1
0
1/28/07
2/12/07
2/27/07
3/14/07
3/29/07
4/13/07
4/28/07
5/13/07
5/28/07
Date/Time
Fluorescein
Potential Meltwater
Rainwater


MW-36-26
Fluorescein (ug/day)
0.18
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
Precipitation/Potential Meltwater (inches)
7
6
5
4
3
2
1
0
1/28/07
2/12/07
2/27/07
3/14/07
3/29/07
4/13/07
4/28/07
5/13/07
5/28/07
Date/Time
Fluorescein
Potential Meltwater
Rainwater

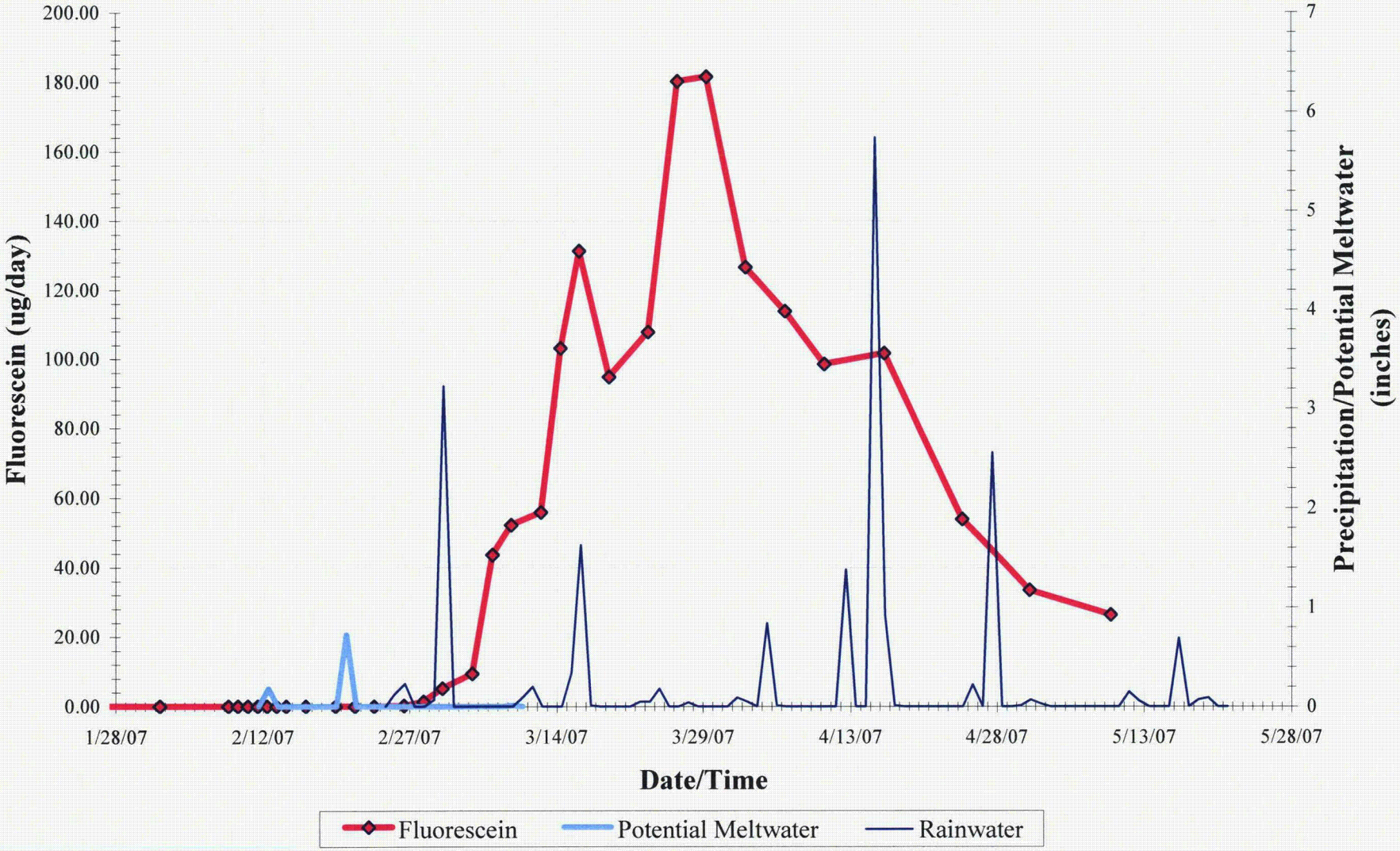
MW-36-41


0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
Fluorescein (ug/day)
7
6
5
4
3
2
1
0
Precipitation/Potential Meltwater (inches)
1/28/07
2/12/07
2/27/07
3/14/07
3/29/07
4/13/07
4/28/07
5/13/07
5/28/07
Date/Time
Fluorescein
Potential Meltwater
Rainwater

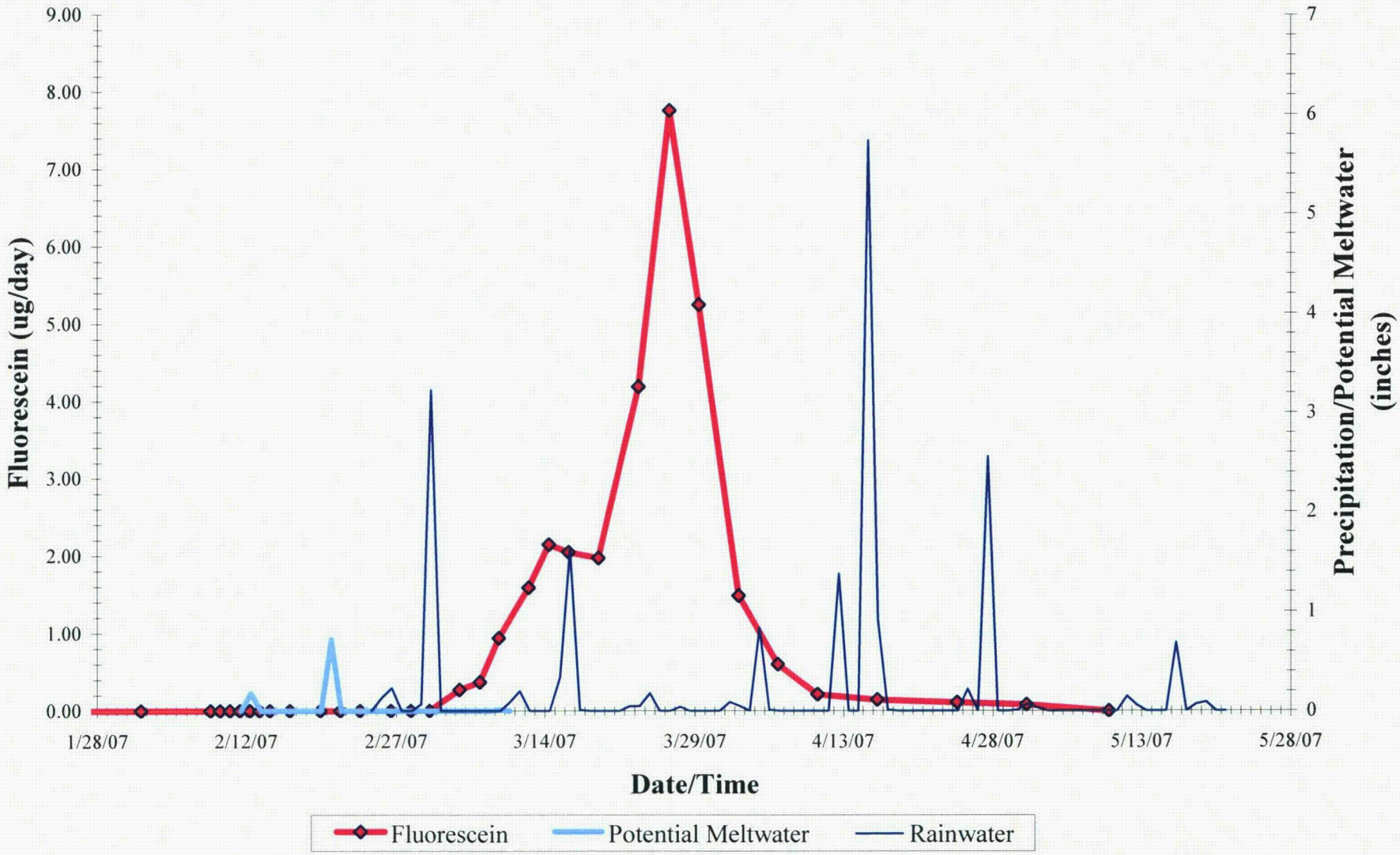
MW-36-53


1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
Fluorescein (ug/day)
7
6
5
4
3
2
1
0
Precipitation/Potential Meltwater (inches)
1/28/07
2/12/07
2/27/07
3/14/07
3/29/07
4/13/07
4/28/07
5/13/07
5/28/07
Date/Time
Fluorescein
Potential Meltwater
Rainwater

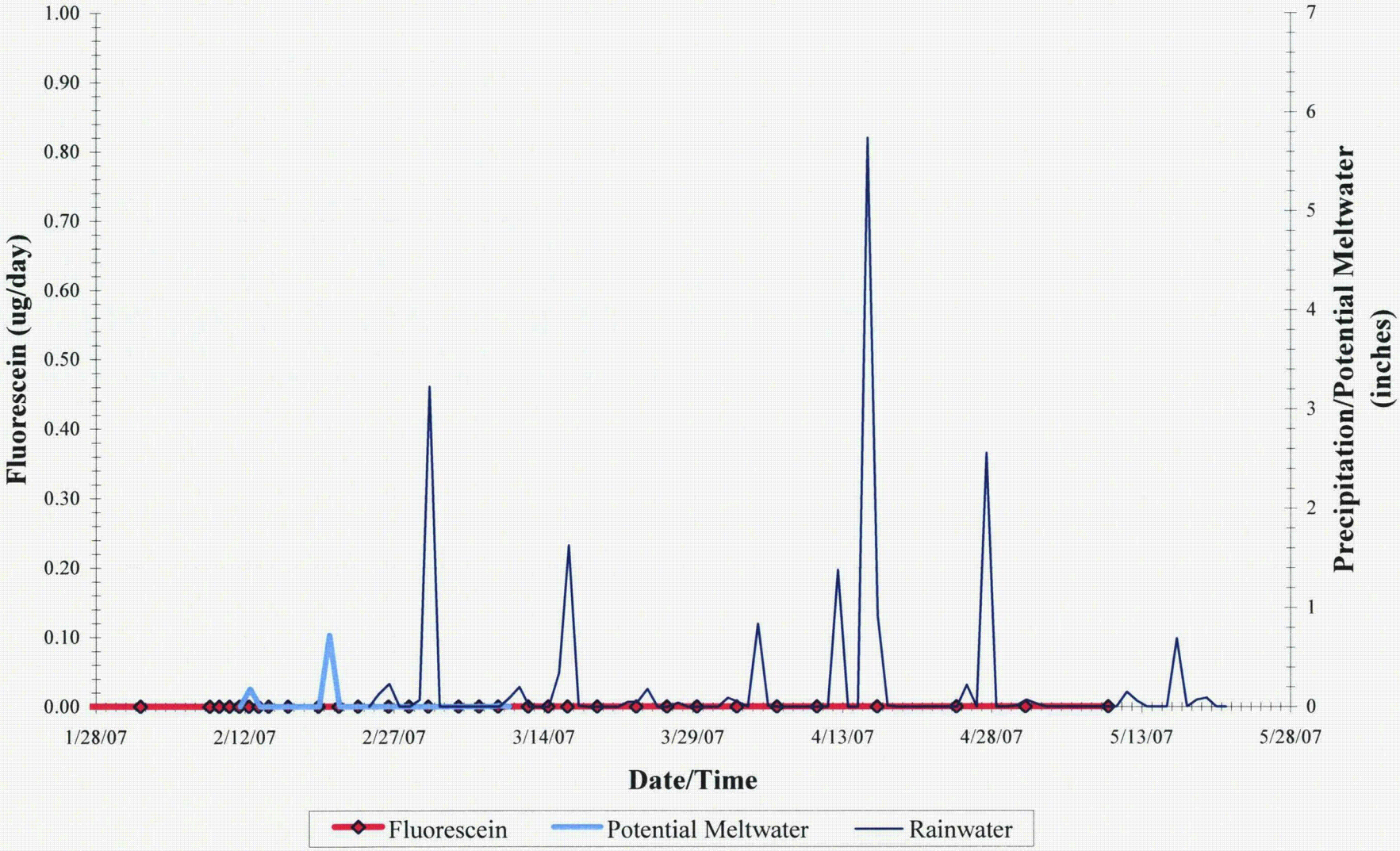
MW-37-22

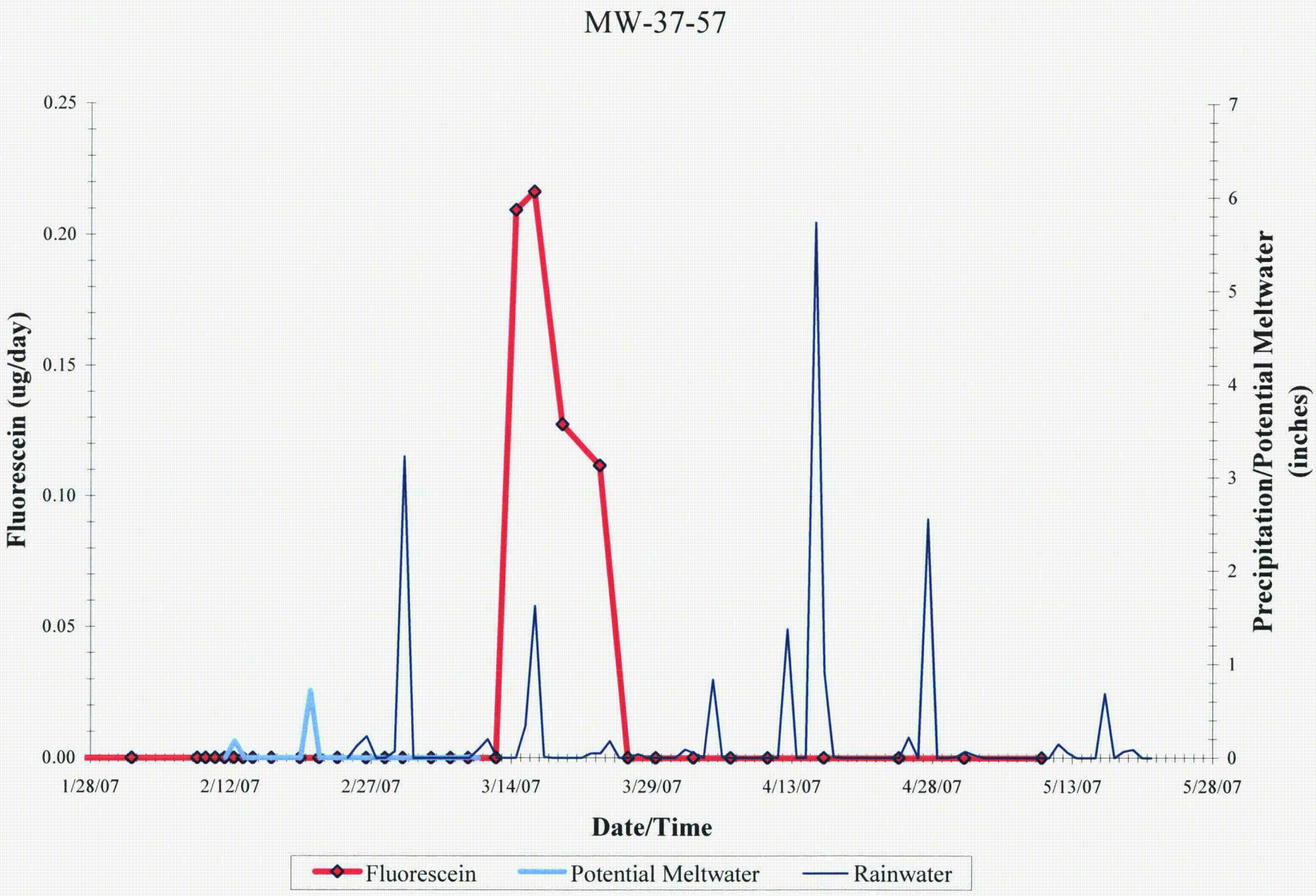

Fluorescein (ug/day)
200.00
180.00
160.00
140.00
120.00
100.00
80.00
60.00
40.00
20.00
0.00
Precipitation/Potential Meltwater (inches)
7
6
5
4
3
2
1
0
1/28/07
2/12/07
2/27/07
3/14/07
3/29/07
4/13/07
4/28/07
5/13/07
5/28/07
Date/Time
Fluorescein
Potential Meltwater
Rainwater

MW-37-32

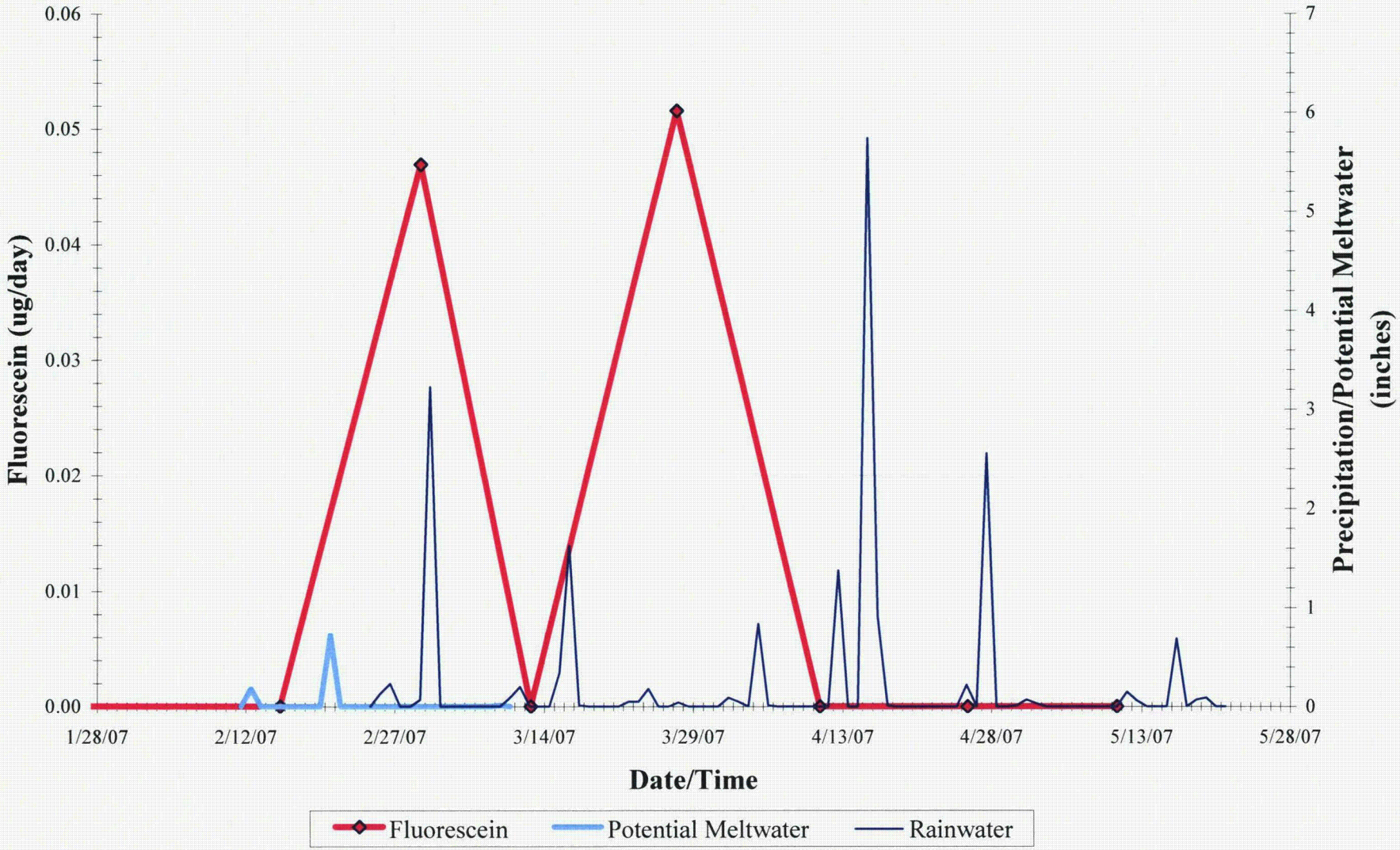

9.00
8.00
7.00
6.00
5.00
4.00
3.00
2.00
1.00
0.00
Fluorescein (ug/day)
7
6
5
4
3
2
1
0
Precipitation/Potential Meltwater (inches)
1/28/07
2/12/07
2/27/07
3/14/07
3/29/07
4/13/07
4/28/07
5/13/07
5/28/07
Date/Time
Fluorescein
Potential Meltwater
Rainwater

MW-37-40

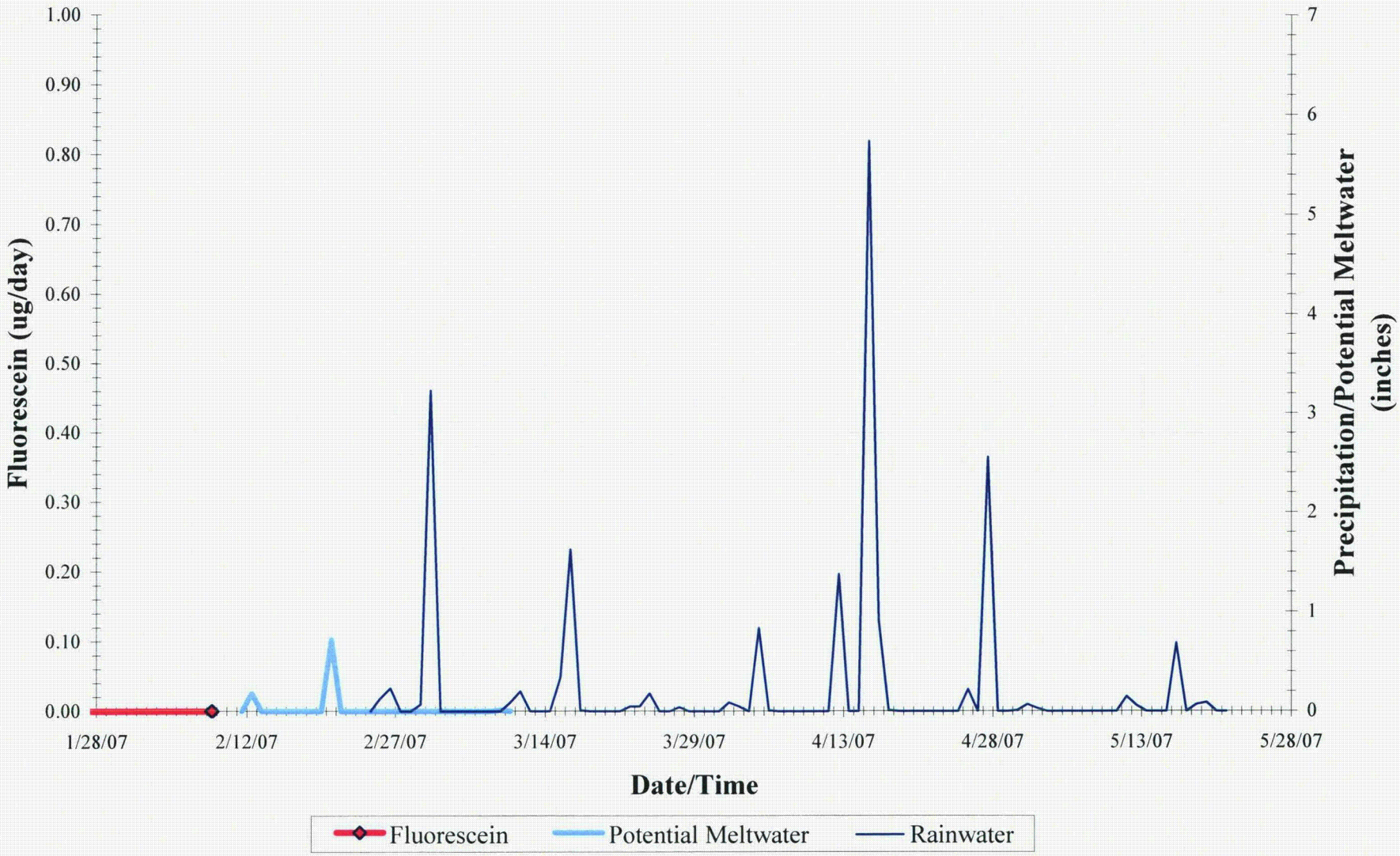

Fluorescein (ug/day)
1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
Precipitation/Potential Meltwater (inches)
7
6
5
4
3
2
1
0
1/28/07
2/12/07
2/27/07
3/14/07
3/29/07
4/13/07
4/28/07
5/13/07
5/28/07
Date/Time
Fluorescein
Potential Meltwater
Rainwater


MW-37-57
Fluorescein (ug/day)
0.25
0.20
0.15
0.10
0.05
0.00
Precipitation/Potential Meltwater (inches)
7
6
5
4
3
2
1
0
1/28/07
2/12/07
2/27/07
3/14/07
3/29/07
4/13/07
4/28/07
5/13/07
5/28/07
Date/Time
Fluorescein
Potential Meltwater
Rainwater

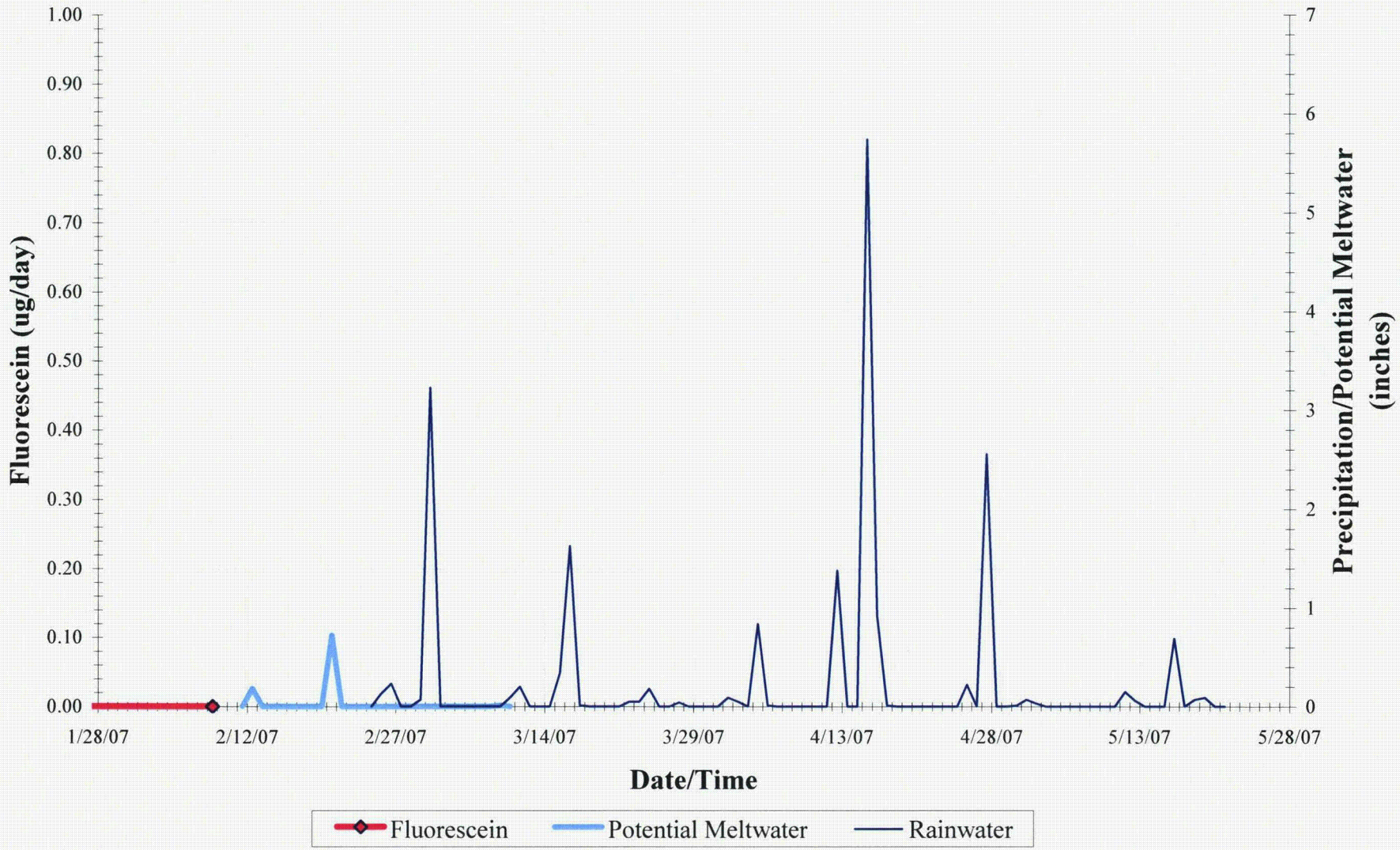
MW-38


0.06
0.05
0.04
0.03
0.02
0.01
0.00
Fluorescein (ug/day)
7
6
5
4
3
2
1
0
Precipitation/Potential Meltwater (inches)
1/28/07
2/12/07
2/27/07
3/14/07
3/29/07
4/13/07
4/28/07
5/13/07
5/28/07
Date/Time
Fluorescein
Potential Meltwater
Rainwater

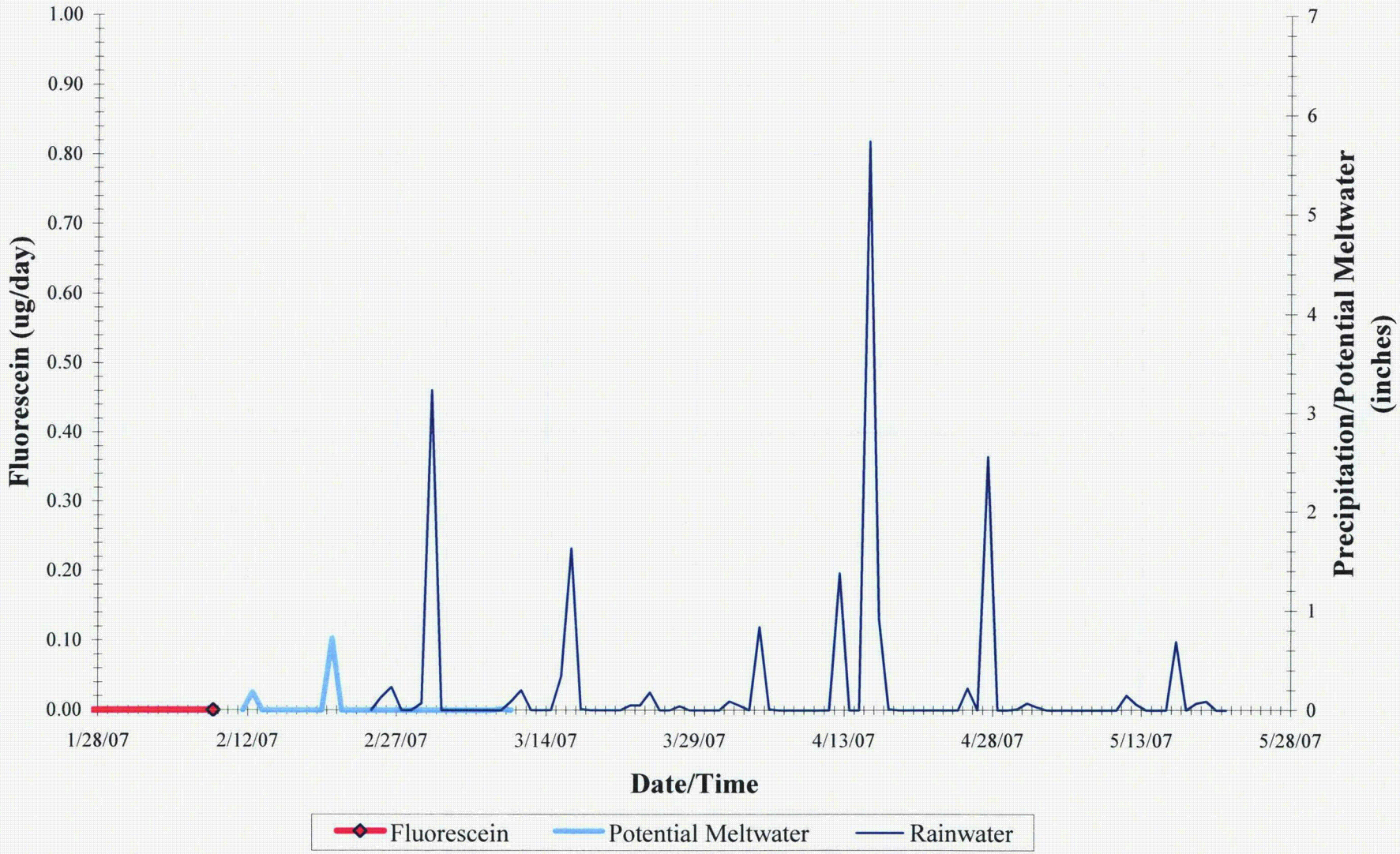
MW-39-67


1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
Fluorescein (ug/day)
7
6
5
4
3
2
1
0
Precipitation/Potential Meltwater (inches)
1/28/07
2/12/07
2/27/07
3/14/07
3/29/07
4/13/07
4/28/07
5/13/07
5/28/07
Date/Time
Fluorescein
Potential Meltwater
Rainwater

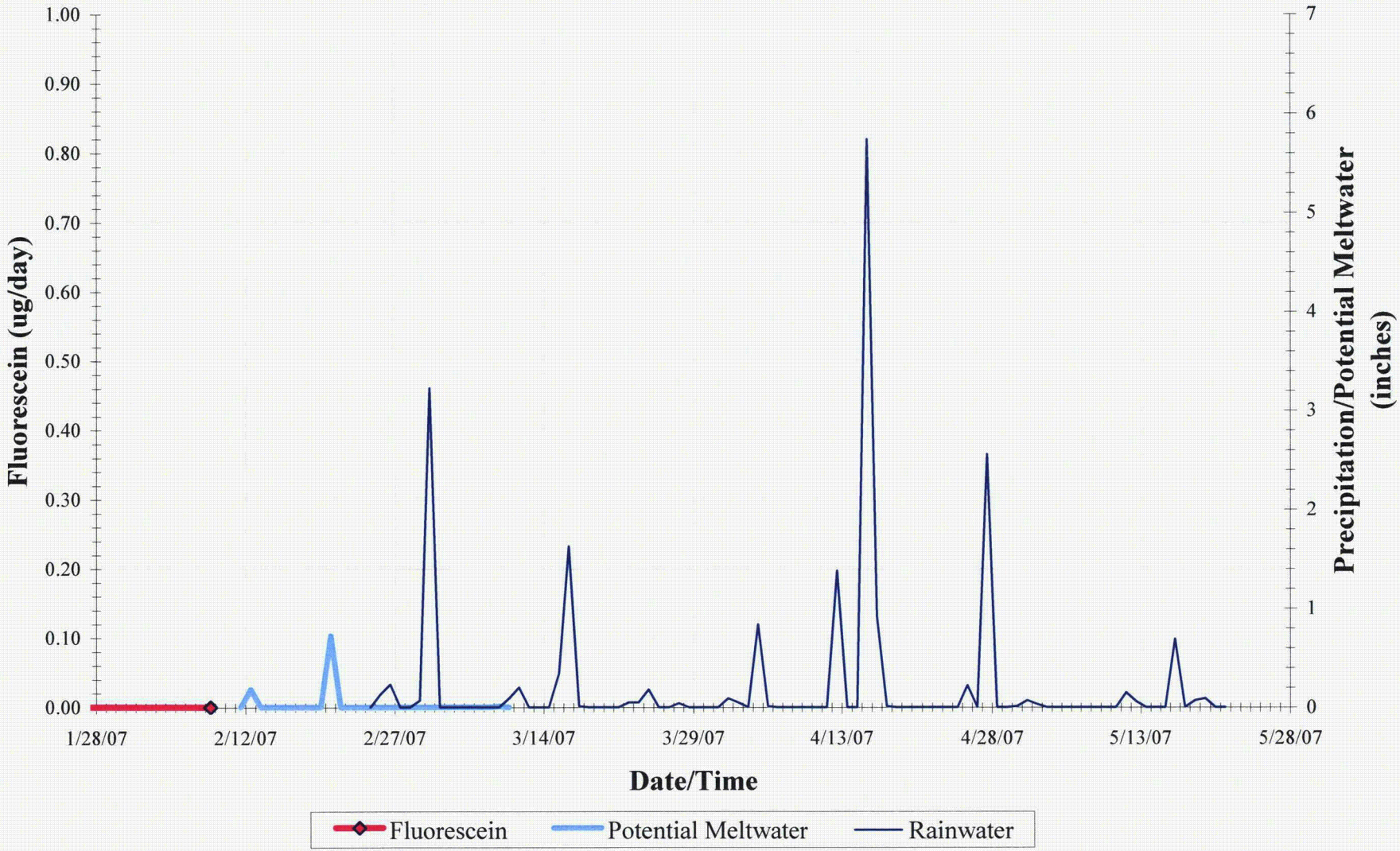
MW-39-86


Fluorescein (ug/day)
1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
Precipitation/Potential Meltwater (inches)
7
6
5
4
3
2
1
0
1/28/07
2/12/07
2/27/07
3/14/07
3/29/07
4/13/07
4/28/07
5/13/07
5/28/07
Date/Time
Fluorescein
Potential Meltwater
Rainwater

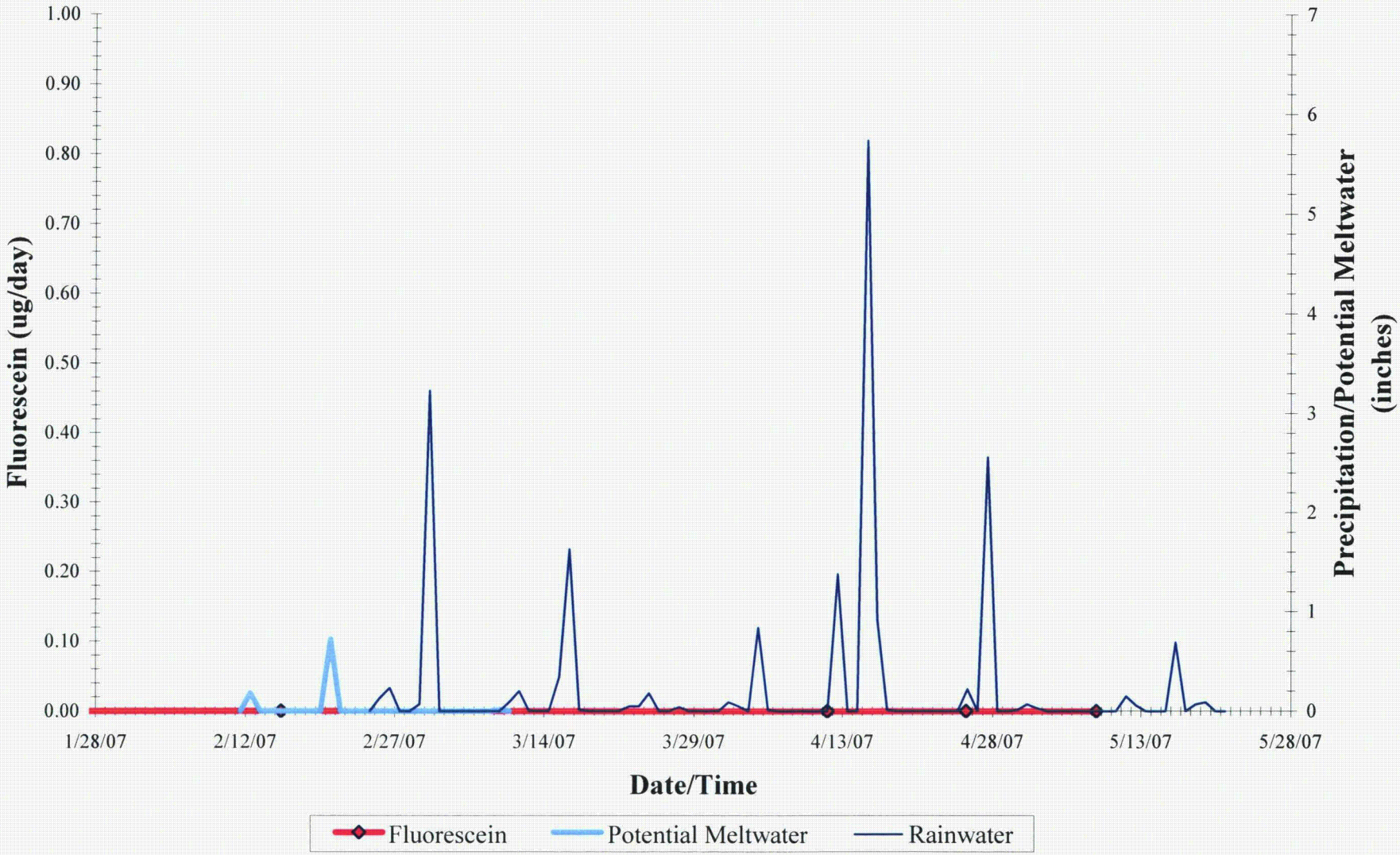
MW-39-100


1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
Fluorescein (ug/day)
7
6
5
4
3
2
1
0
Precipitation/Potential Meltwater (inches)
1/28/07
2/12/07
2/27/07
3/14/07
3/29/07
4/13/07
4/28/07
5/13/07
5/28/07
Date/Time
Fluorescein
Potential Meltwater
Rainwater

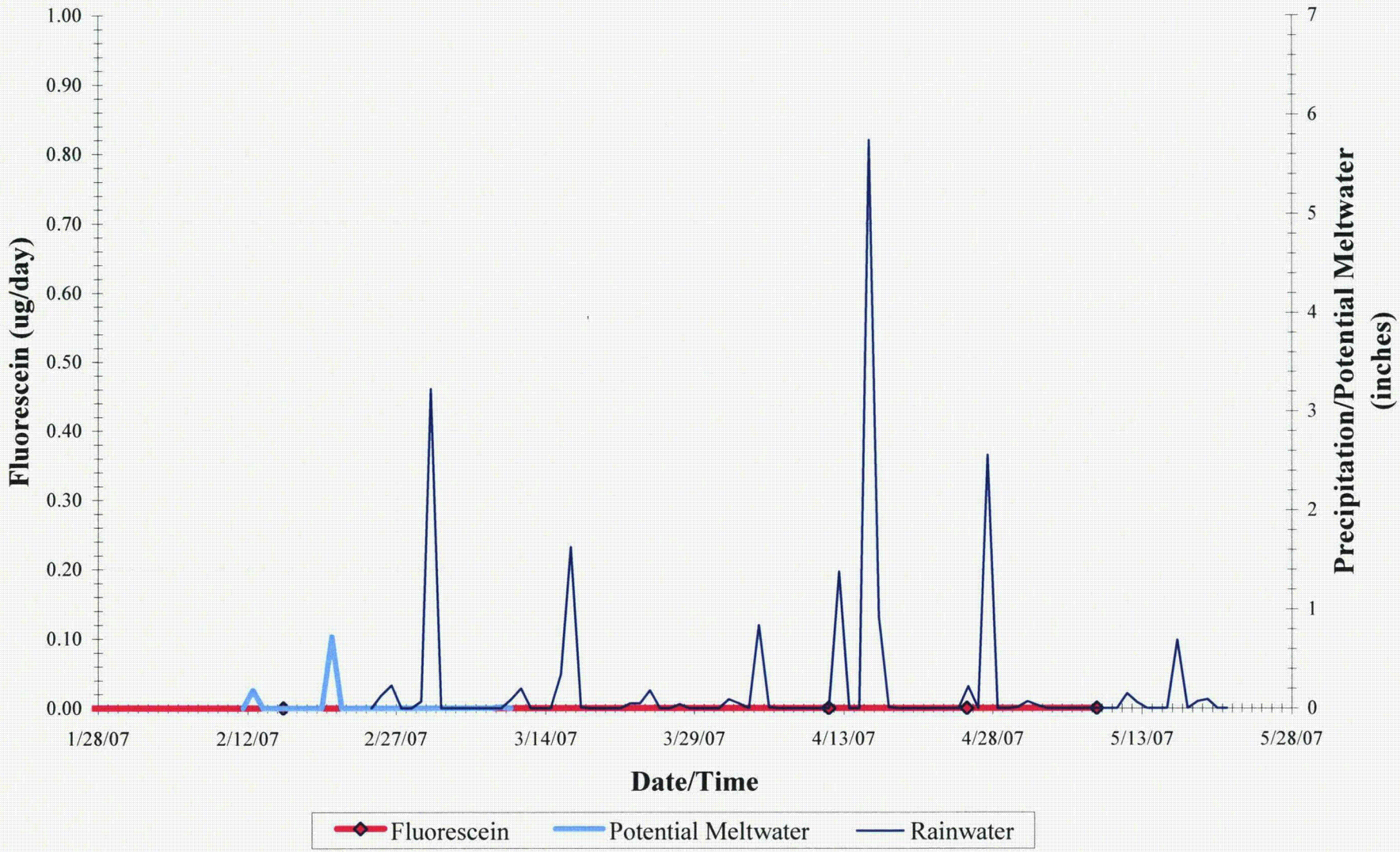
MW-39-105


Fluorescein (ug/day)
1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
Precipitation/Potential Meltwater (inches)
7
6
5
4
3
2
1
0
1/28/07
2/12/07
2/27/07
3/14/07
3/29/07
4/13/07
4/28/07
5/13/07
5/28/07
Date/Time
Fluorescein
Potential Meltwater
Rainwater

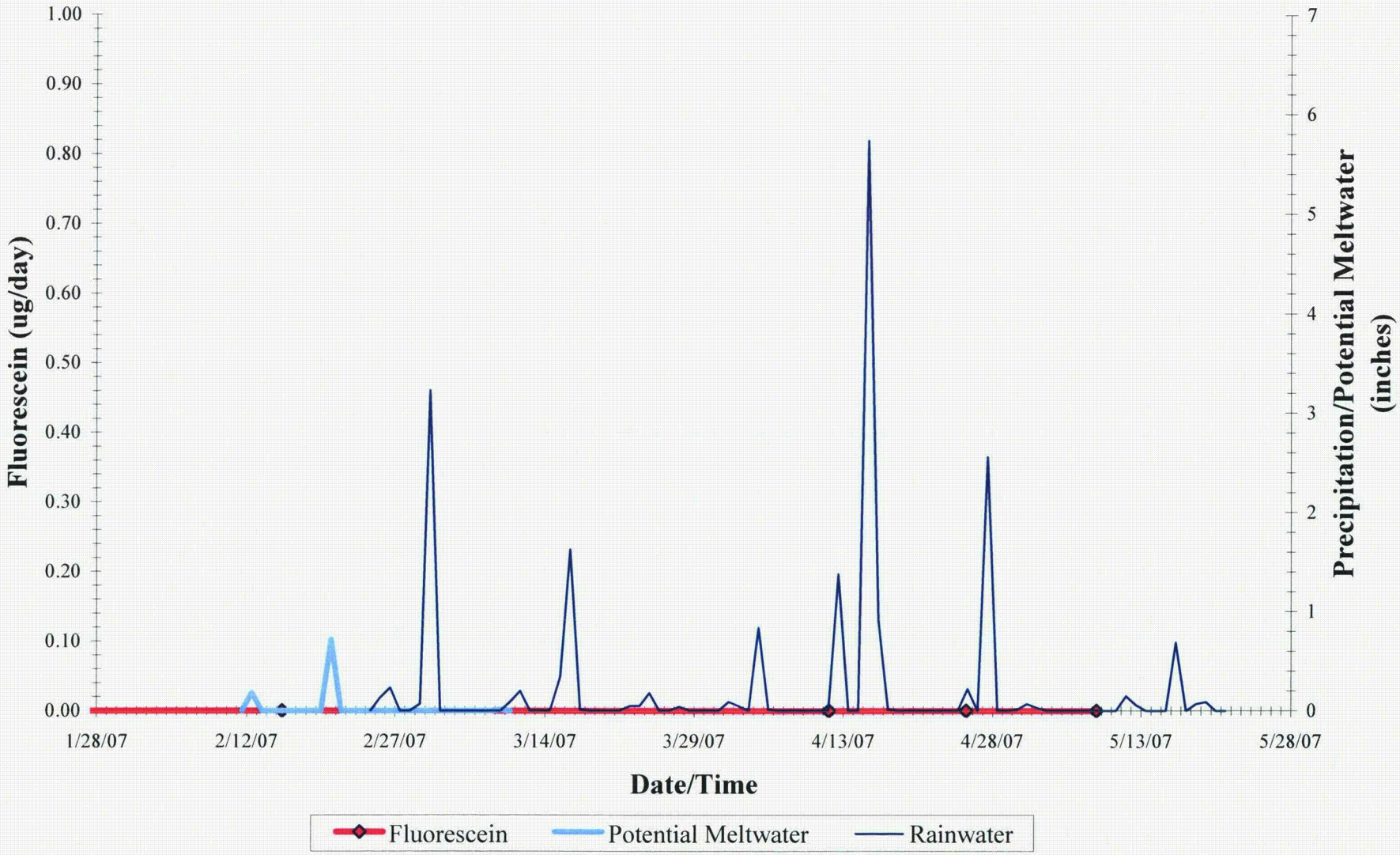
MW-41-15


1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
Fluorescein (ug/day)
7
6
5
4
3
2
1
0
Precipitation/Potential Meltwater (inches)
1/28/07
2/12/07
2/27/07
3/14/07
3/29/07
4/13/07
4/28/07
5/13/07
5/28/07
Date/Time
Fluorescein
Potential Meltwater
Rainwater

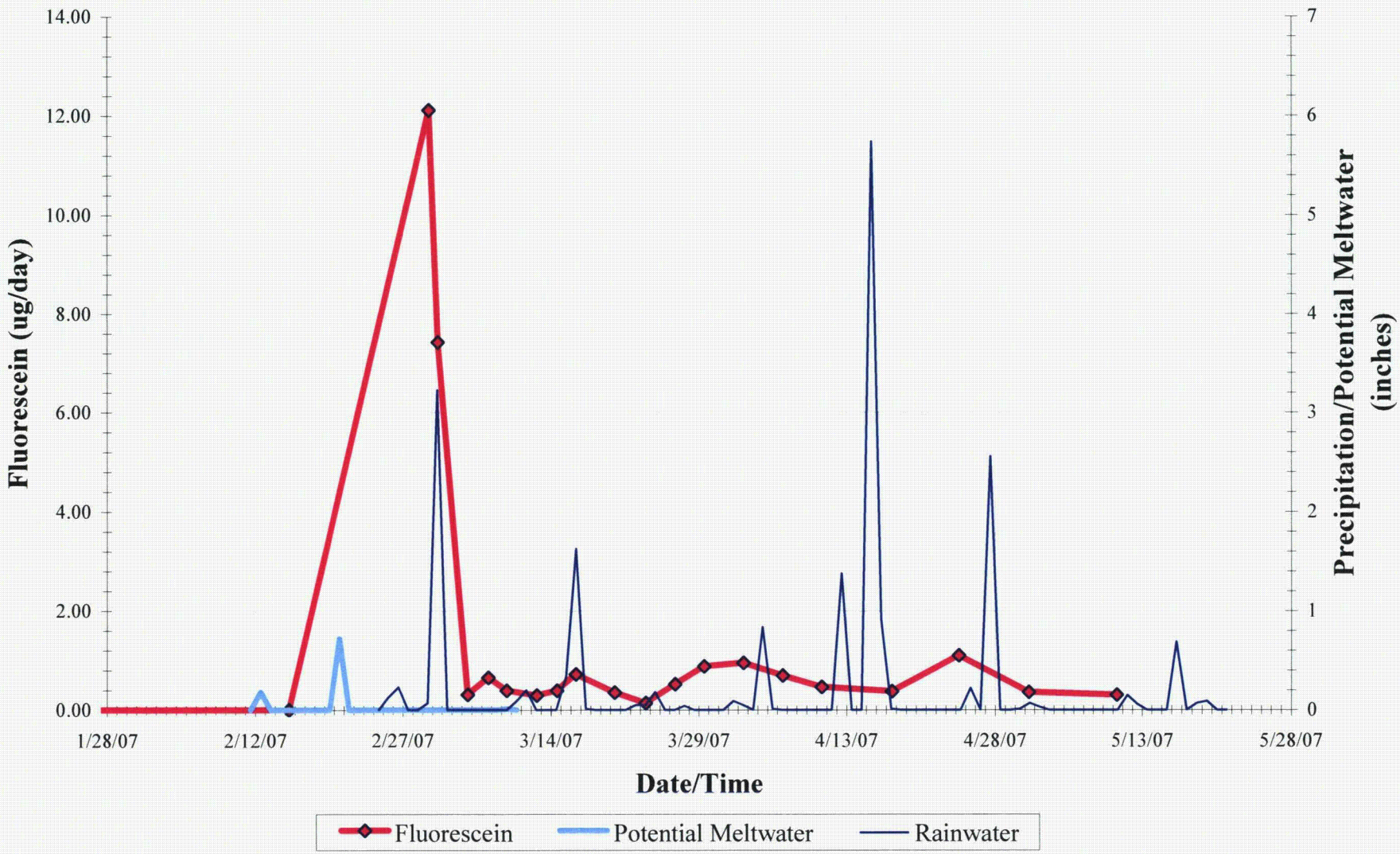
MW-41-42


1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
Fluorescein (ug/day)
7
6
5
4
3
2
1
0
Precipitation/Potential Meltwater (inches)
1/28/07
2/12/07
2/27/07
3/14/07
3/29/07
4/13/07
4/28/07
5/13/07
5/28/07
Date/Time
Fluorescein
Potential Meltwater
Rainwater

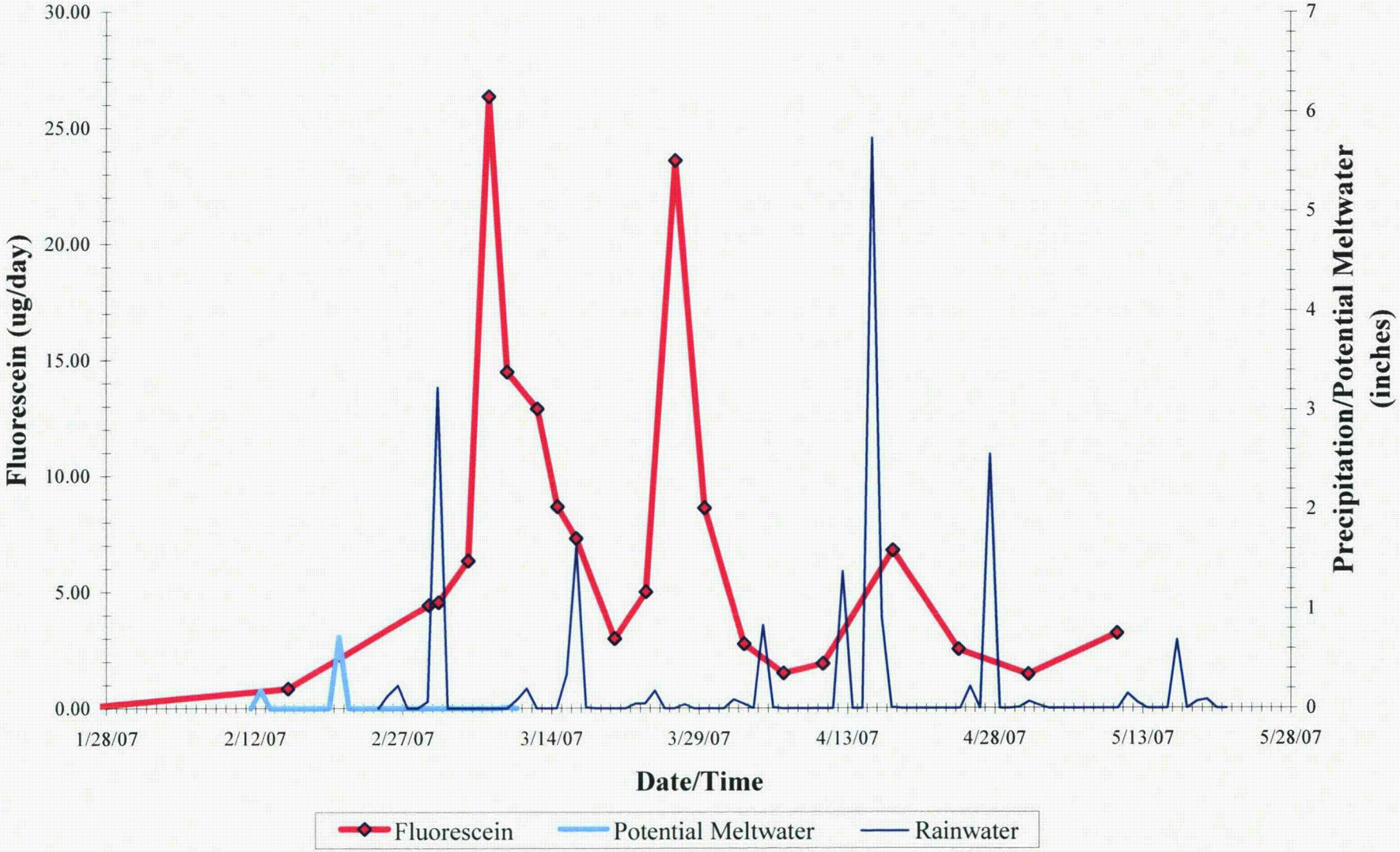
MW-41-64


1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
Fluorescein (ug/day)
7
6
5
4
3
2
1
0
Precipitation/Potential Meltwater (inches)
1/28/07
2/12/07
2/27/07
3/14/07
3/29/07
4/13/07
4/28/07
5/13/07
5/28/07
Date/Time
Fluorescein
Potential Meltwater
Rainwater

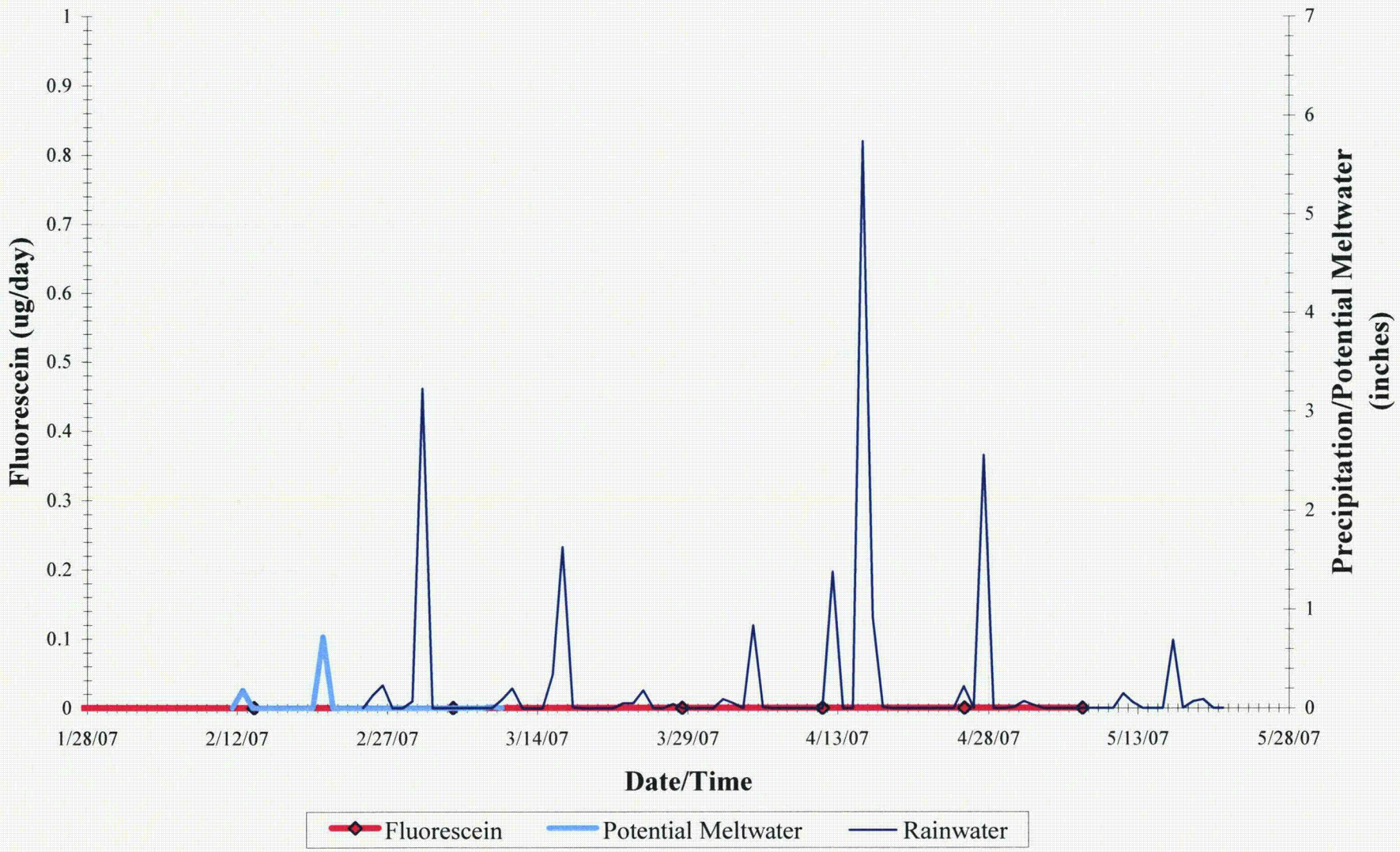
MW-42-51


14.00
12.00
10.00
8.00
6.00
4.00
2.00
0.00
Fluorescein (ug/day)
7
6
5
4
3
2
1
0
Precipitation/Potential Meltwater (inches)
1/28/07
2/12/07
2/27/07
3/14/07
3/29/07
4/13/07
4/28/07
5/13/07
5/28/07
Date/Time
Fluorescein
Potential Meltwater
Rainwater

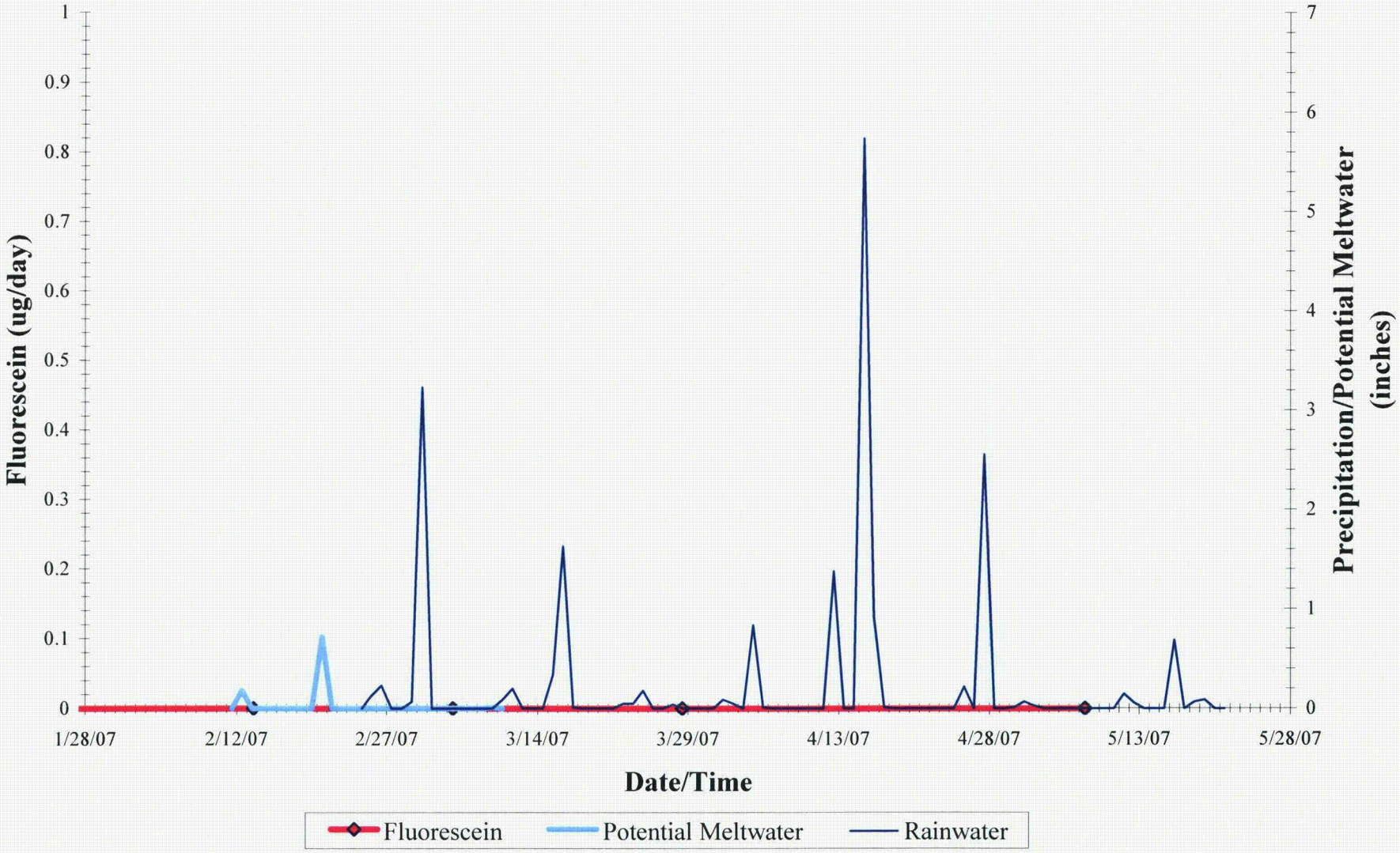
MW-42-79


30.00
25.00
20.00
15.00
10.00
5.00
0.00
Fluorescein (ug/day)
7
6
5
4
3
2
1
0
Precipitation/Potential Meltwater (inches)
1/28/07
2/12/07
2/27/07
3/14/07
3/29/07
4/13/07
4/28/07
5/13/07
5/28/07
Date/Time
Fluorescein
Potential Meltwater
Rainwater

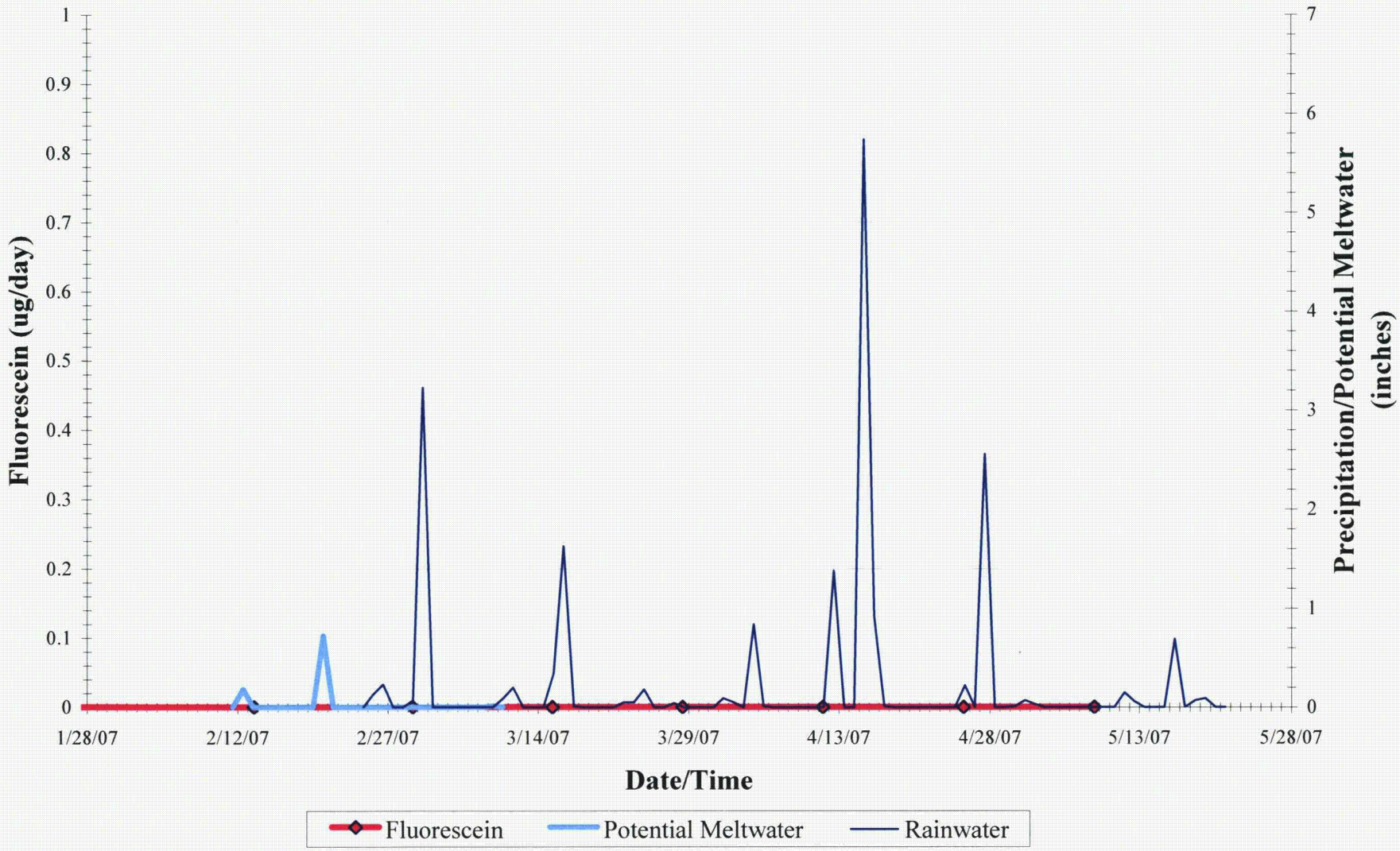
MW-44-67


Fluorescein (ug/day)
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Precipitation/Potential Meltwater (inches)
7
6
5
4
3
2
1
0
1/28/07
2/12/07
2/27/07
3/14/07
3/29/07
4/13/07
4/28/07
5/13/07
5/28/07
Date/Time
Fluorescein
Potential Meltwater
Rainwater

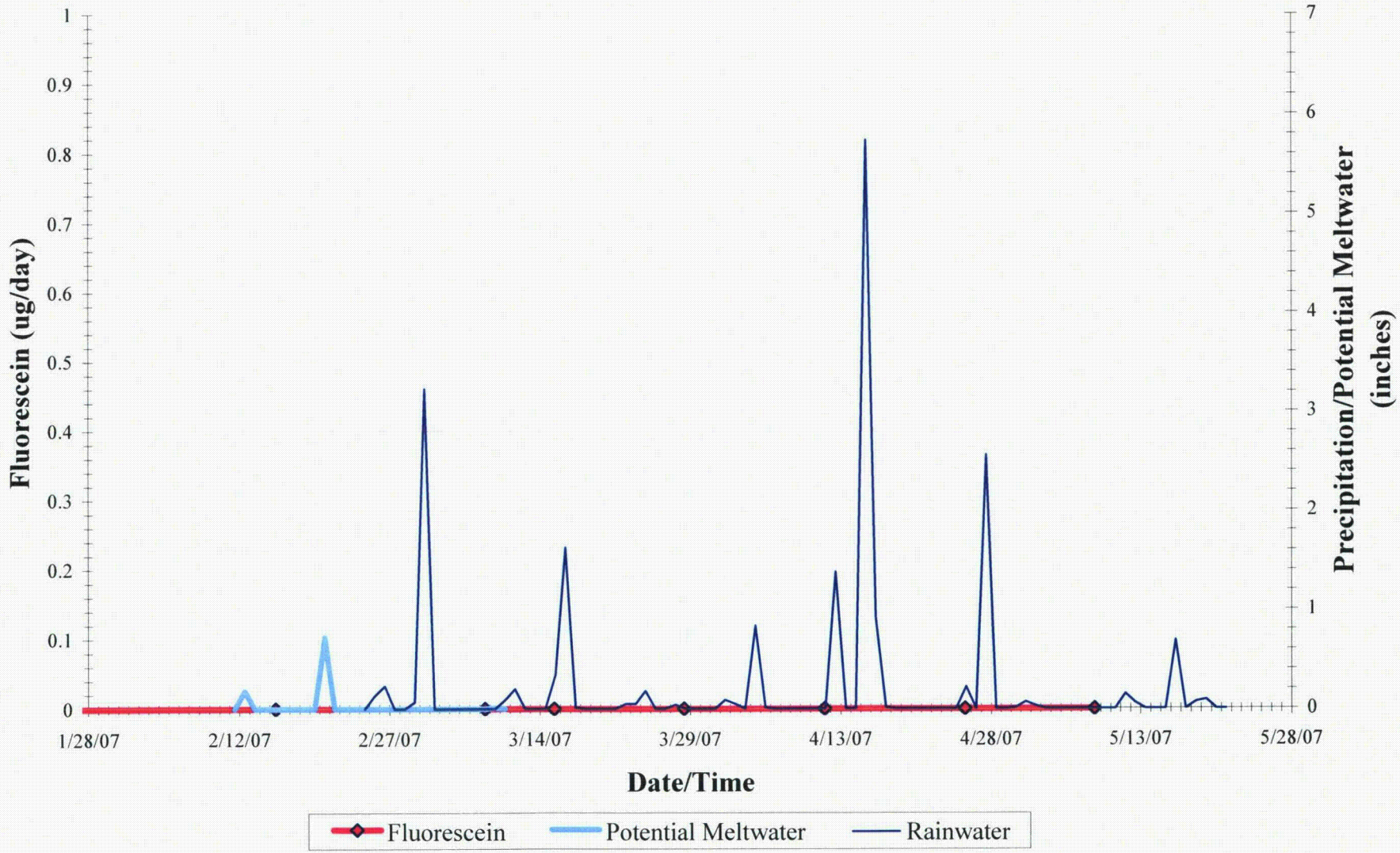
MW-44-104


Fluorescein (ug/day)
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Precipitation/Potential Meltwater (inches)
7
6
5
4
3
2
1
0
1/28/07
2/12/07
2/27/07
3/14/07
3/29/07
4/13/07
4/28/07
5/13/07
5/28/07
Date/Time
Fluorescein
Potential Meltwater
Rainwater

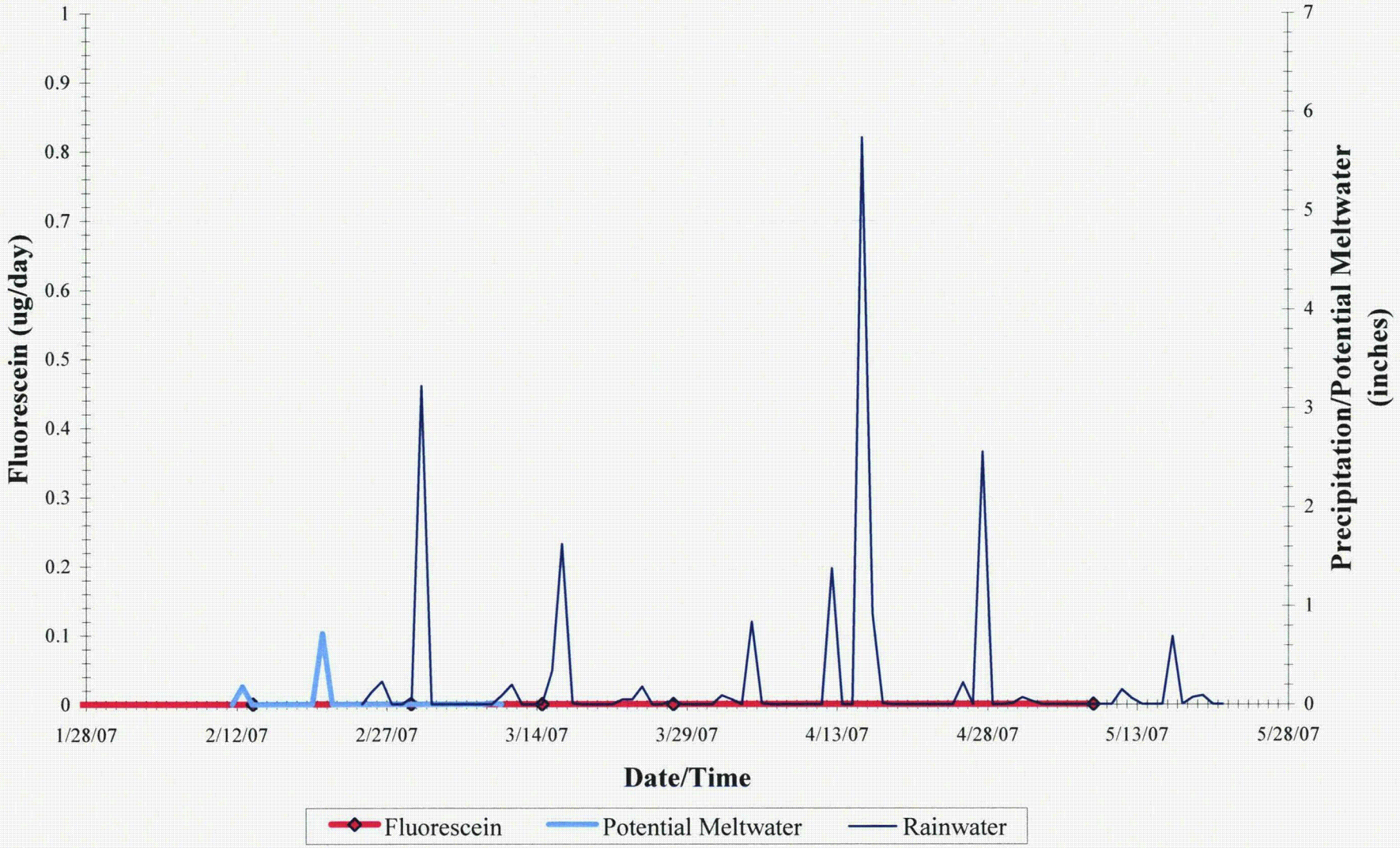
MW-45-43


Fluorescein (ug/day)
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Precipitation/Potential Meltwater (inches)
7
6
5
4
3
2
1
0
1/28/07
2/12/07
2/27/07
3/14/07
3/29/07
4/13/07
4/28/07
5/13/07
5/28/07
Date/Time
Fluorescein
Potential Meltwater
Rainwater

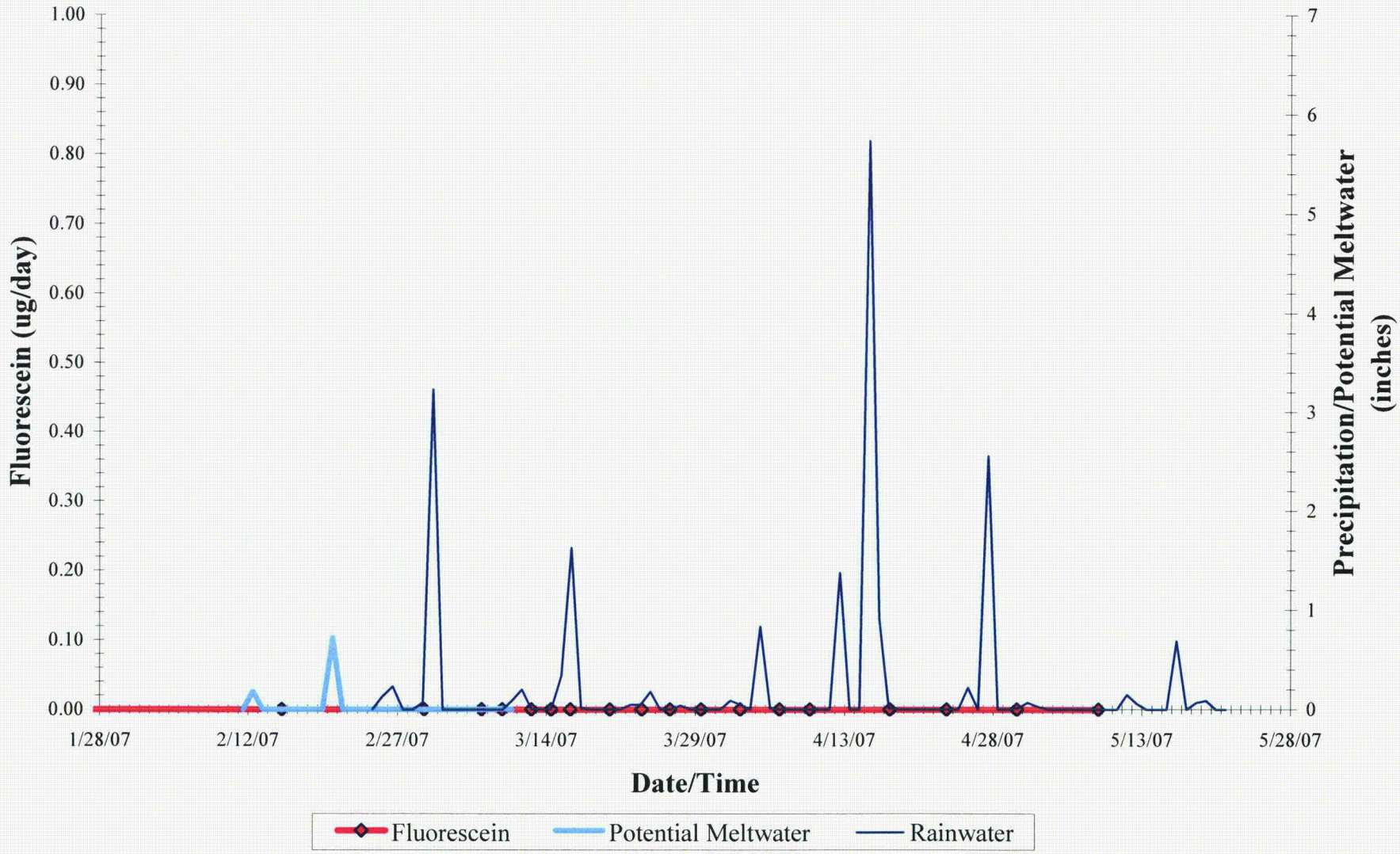
MW-45-67


Fluorescein (ug/day)
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Precipitation/Potential Meltwater (inches)
7
6
5
4
3
2
1
0
1/28/07
2/12/07
2/27/07
3/14/07
3/29/07
4/13/07
4/28/07
5/13/07
5/28/07
Date/Time
Fluorescein
Potential Meltwater
Rainwater

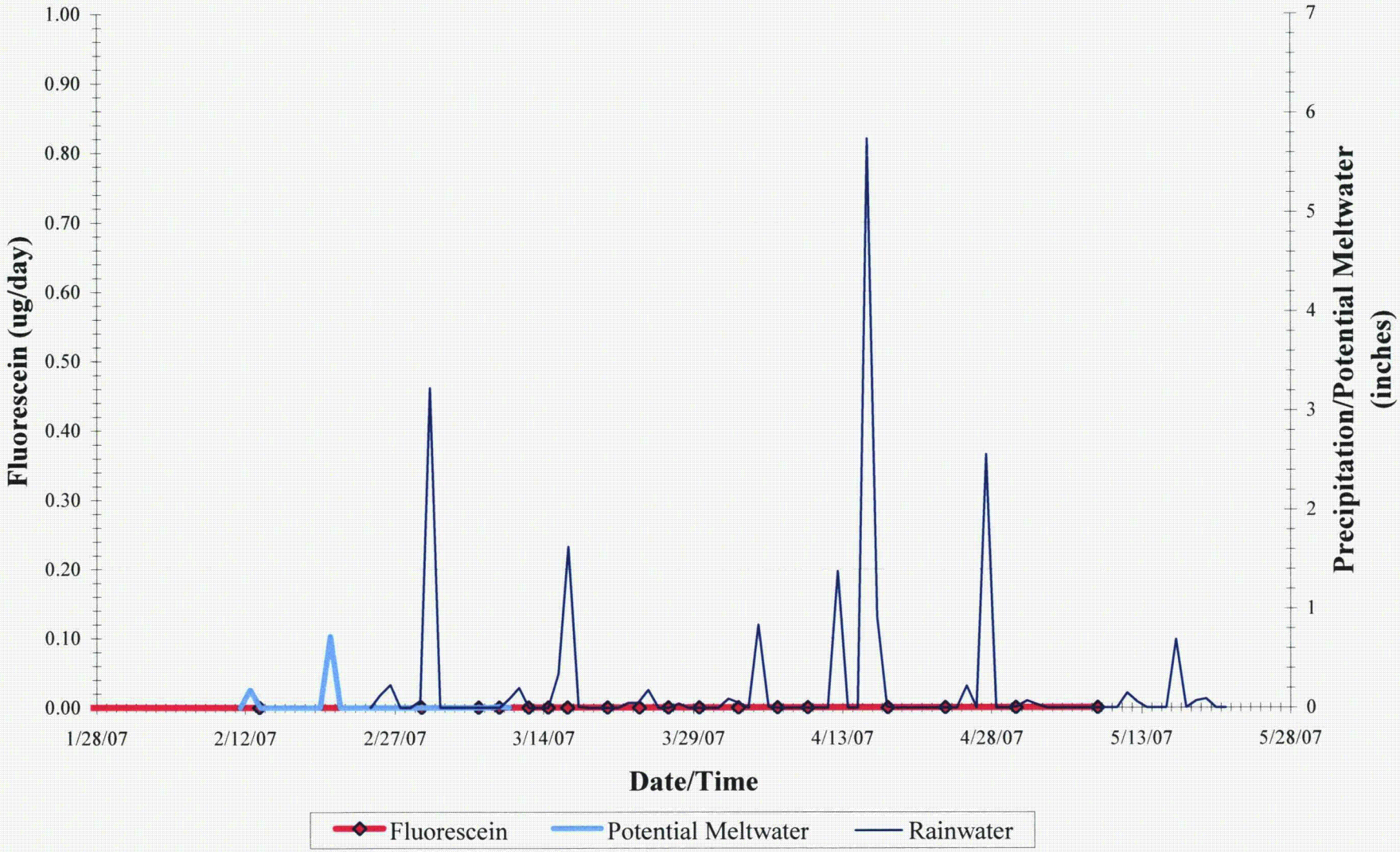
MW-46


Fluorescein (ug/day)
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Precipitation/Potential Meltwater (inches)
7
6
5
4
3
2
1
0
1/28/07
2/12/07
2/27/07
3/14/07
3/29/07
4/13/07
4/28/07
5/13/07
5/28/07
Date/Time
Fluorescein
Potential Meltwater
Rainwater

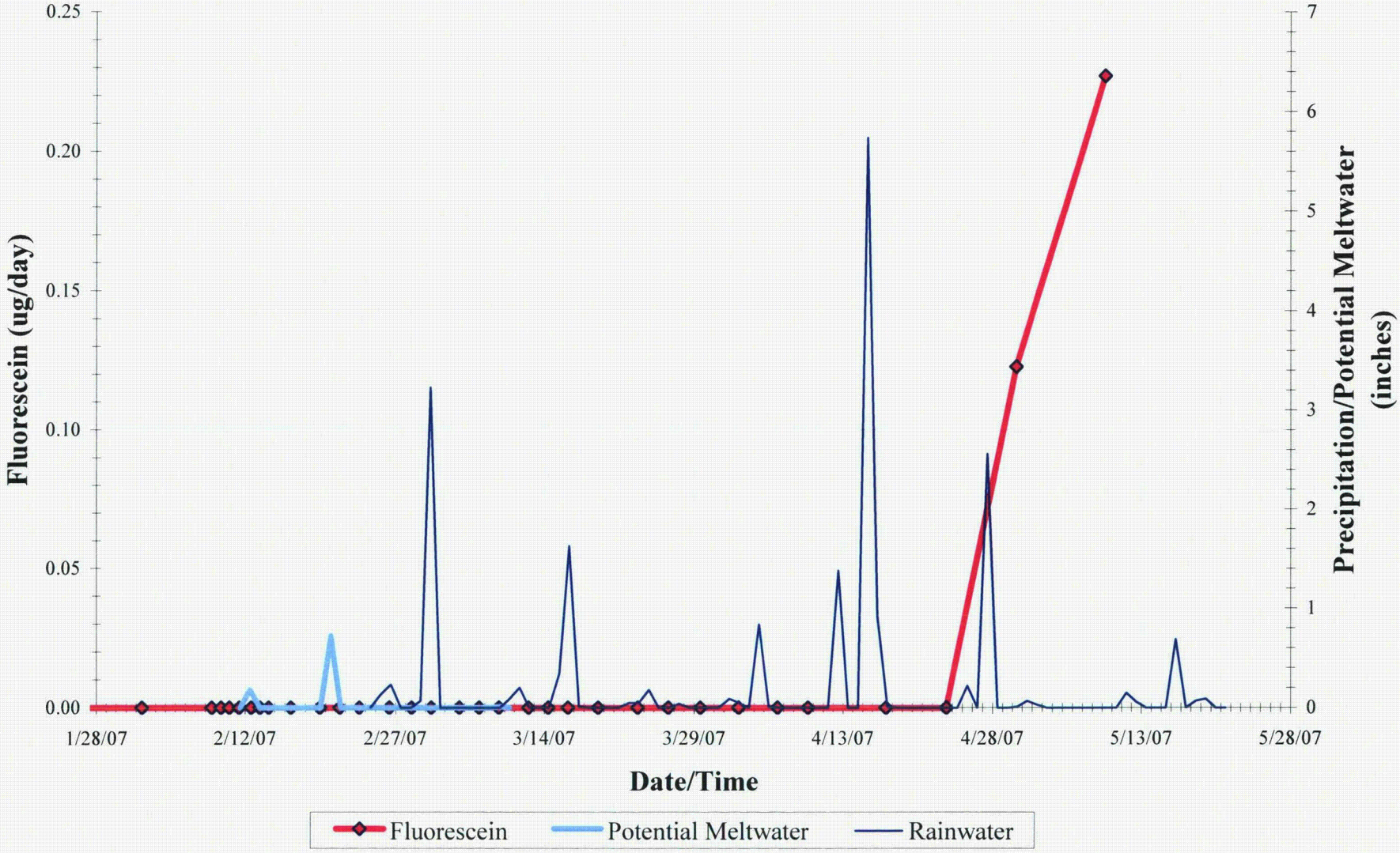
MW-47-56


1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
Fluorescein (ug/day)
7
6
5
4
3
2
1
0
Precipitation/Potential Meltwater (inches)
1/28/07
2/12/07
2/27/07
3/14/07
3/29/07
4/13/07
4/28/07
5/13/07
5/28/07
Date/Time
Fluorescein
Potential Meltwater
Rainwater

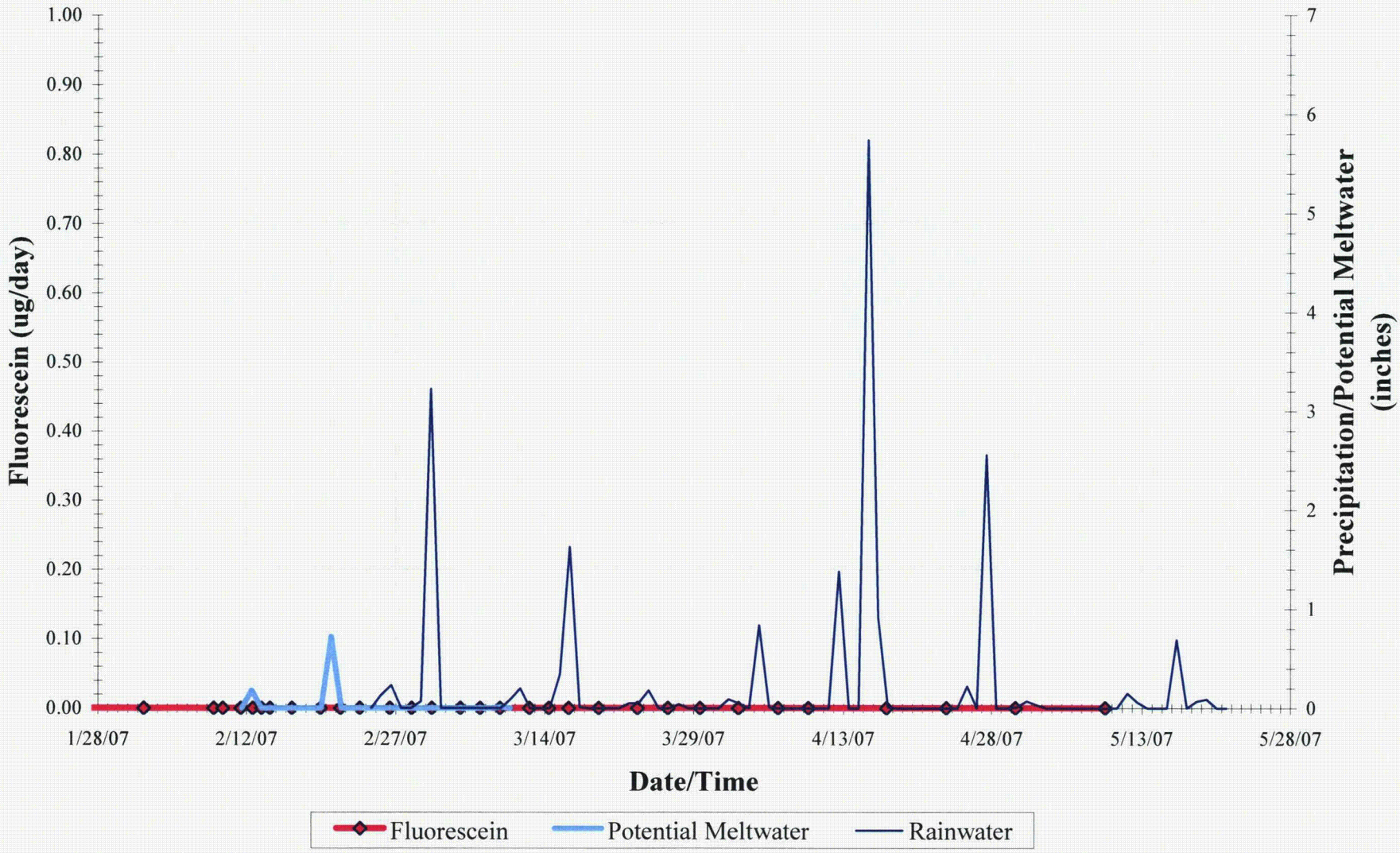
MW-47-80


Fluorescein (ug/day)
1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
Precipitation/Potential Meltwater (inches)
7
6
5
4
3
2
1
0
1/28/07
2/12/07
2/27/07
3/14/07
3/29/07
4/13/07
4/28/07
5/13/07
5/28/07
Date/Time
Fluorescein
Potential Meltwater
Rainwater

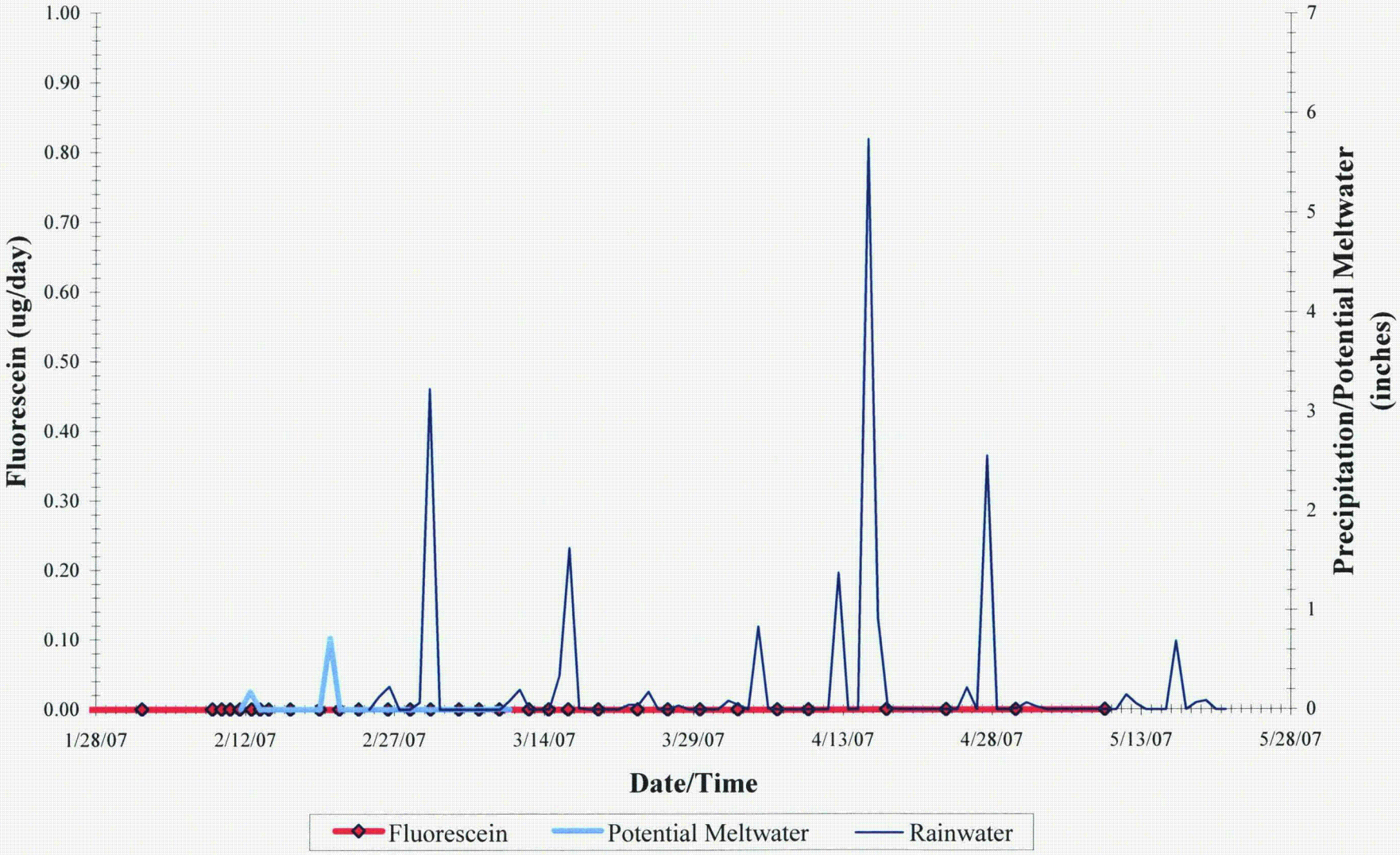
MW-49-26


0.25
0.20
0.15
0.10
0.05
0.00
Fluorescein (ug/day)
7
6
5
4
3
2
1
0
Precipitation/Potential Meltwater (inches)
1/28/07
2/12/07
2/27/07
3/14/07
3/29/07
4/13/07
4/28/07
5/13/07
5/28/07
Date/Time
Fluorescein
Potential Meltwater
Rainwater

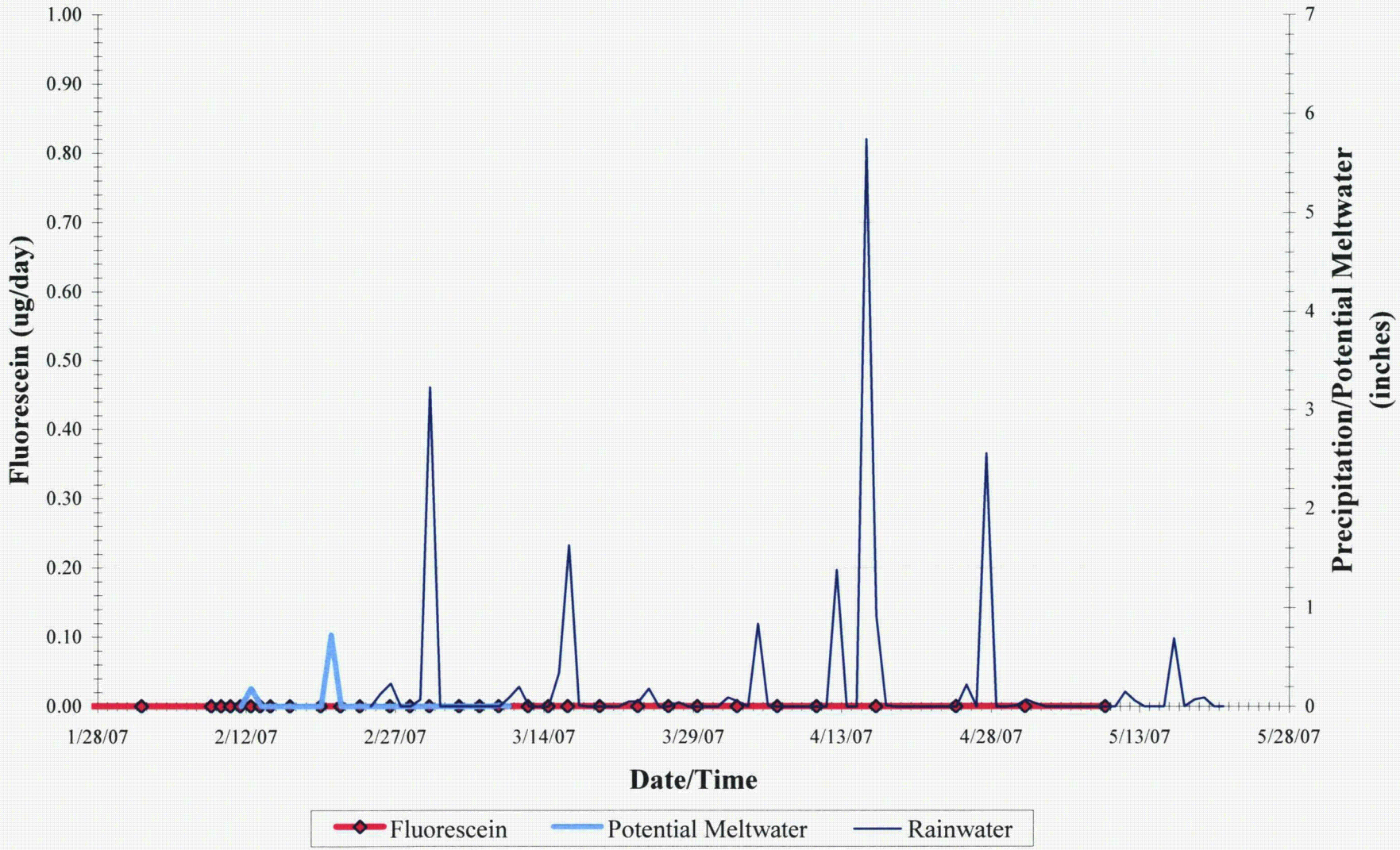
MW-49-42


Fluorescein (ug/day)
1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
Precipitation/Potential Meltwater (inches)
7
6
5
4
3
2
1
0
1/28/07
2/12/07
2/27/07
3/14/07
3/29/07
4/13/07
4/28/07
5/13/07
5/28/07
Date/Time
Fluorescein
Potential Meltwater
Rainwater

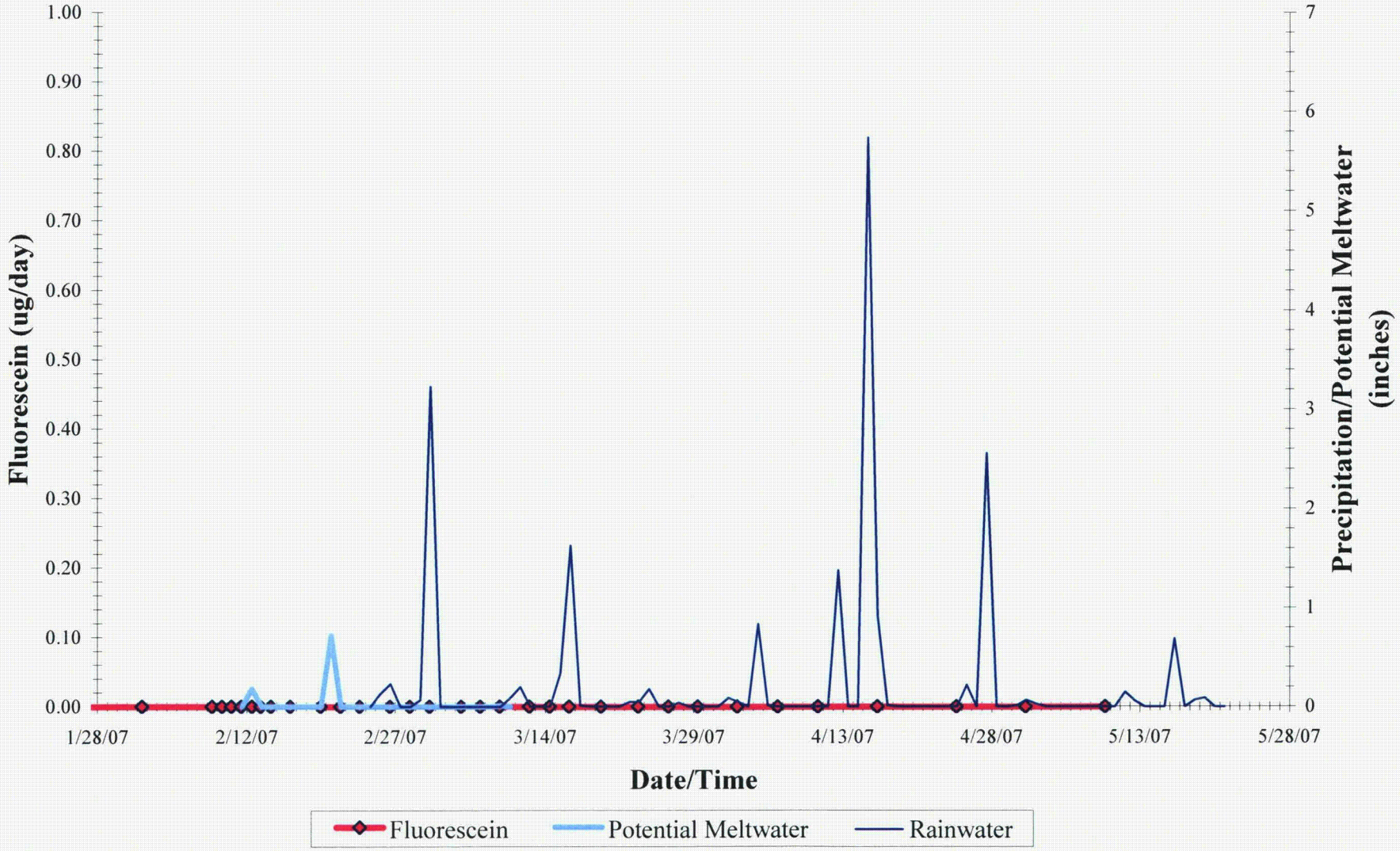
MW-49-65


1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
Fluorescein (ug/day)
7
6
5
4
3
2
1
0
Precipitation/Potential Meltwater (inches)
1/28/07
2/12/07
2/27/07
3/14/07
3/29/07
4/13/07
4/28/07
5/13/07
5/28/07
Date/Time
Fluorescein
Potential Meltwater
Rainwater

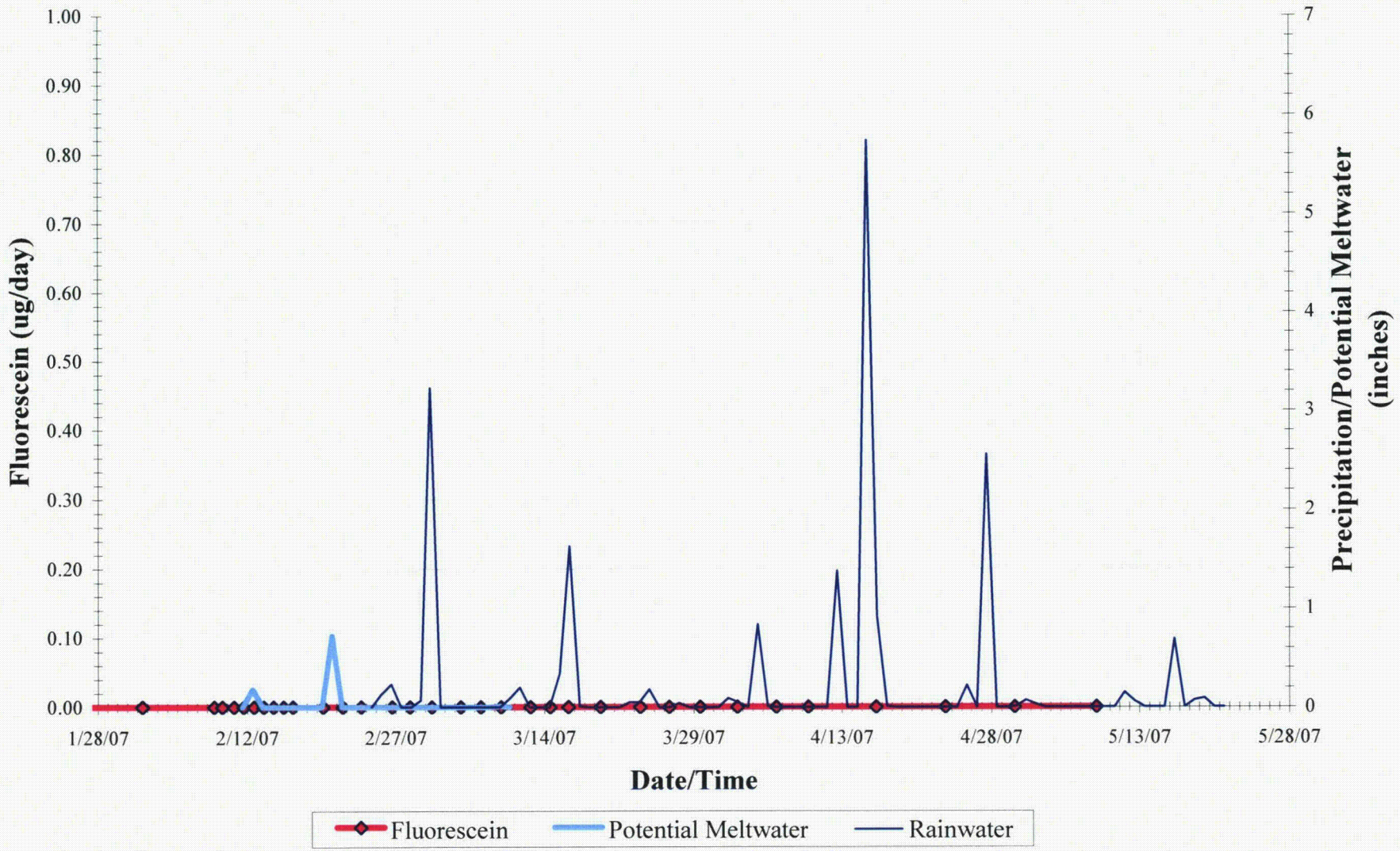
MW-50-42


1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
Fluorescein (ug/day)
7
6
5
4
3
2
1
0
Precipitation/Potential Meltwater (inches)
1/28/07
2/12/07
2/27/07
3/14/07
3/29/07
4/13/07
4/28/07
5/13/07
5/28/07
Date/Time
Fluorescein
Potential Meltwater
Rainwater

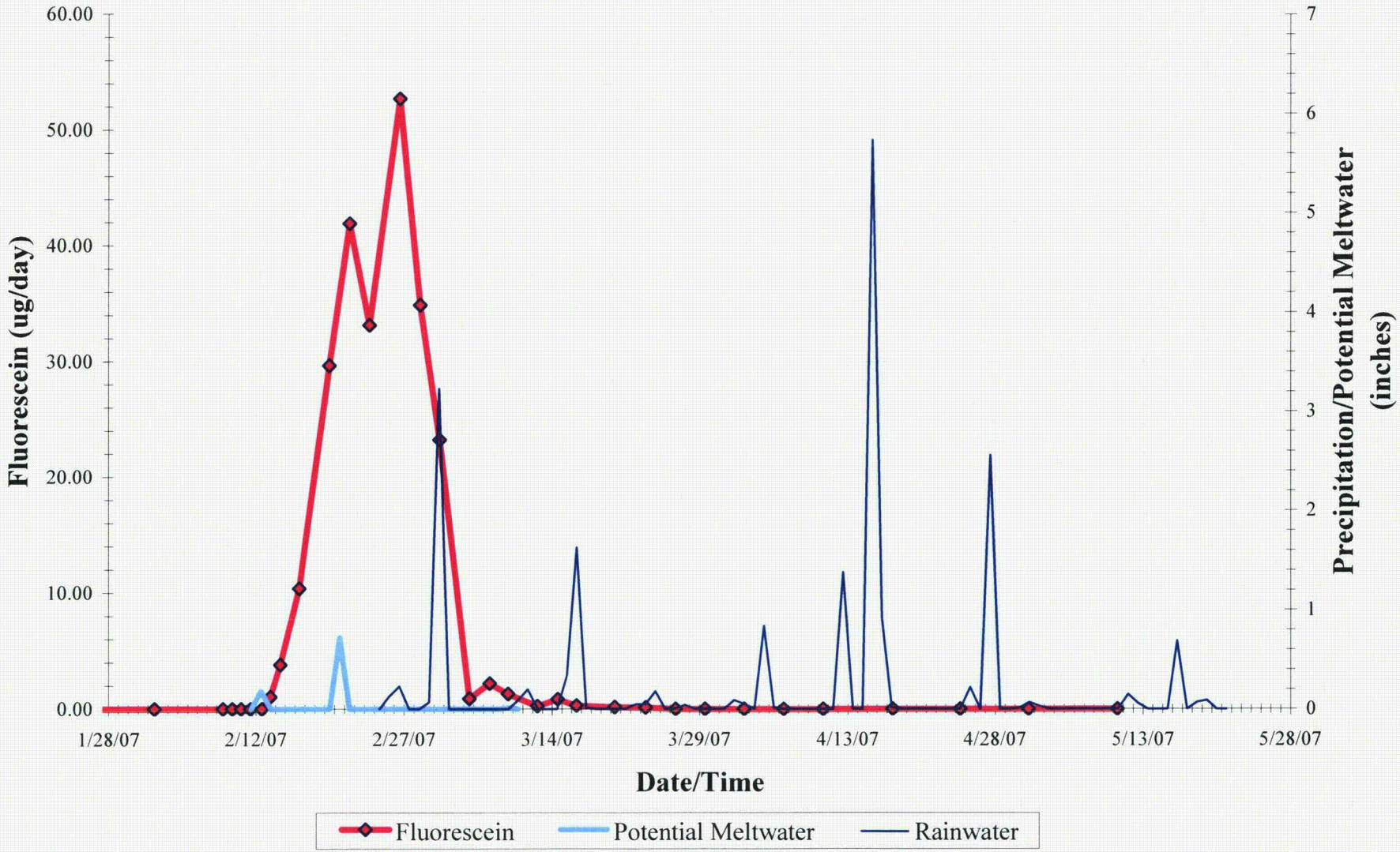
MW-50-67


Fluorescein (ug/day)
1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
Precipitation/Potential Meltwater (inches)
7
6
5
4
3
2
1
0
1/28/07
2/12/07
2/27/07
3/14/07
3/29/07
4/13/07
4/28/07
5/13/07
5/28/07
Date/Time
Fluorescein
Potential Meltwater
Rainwater

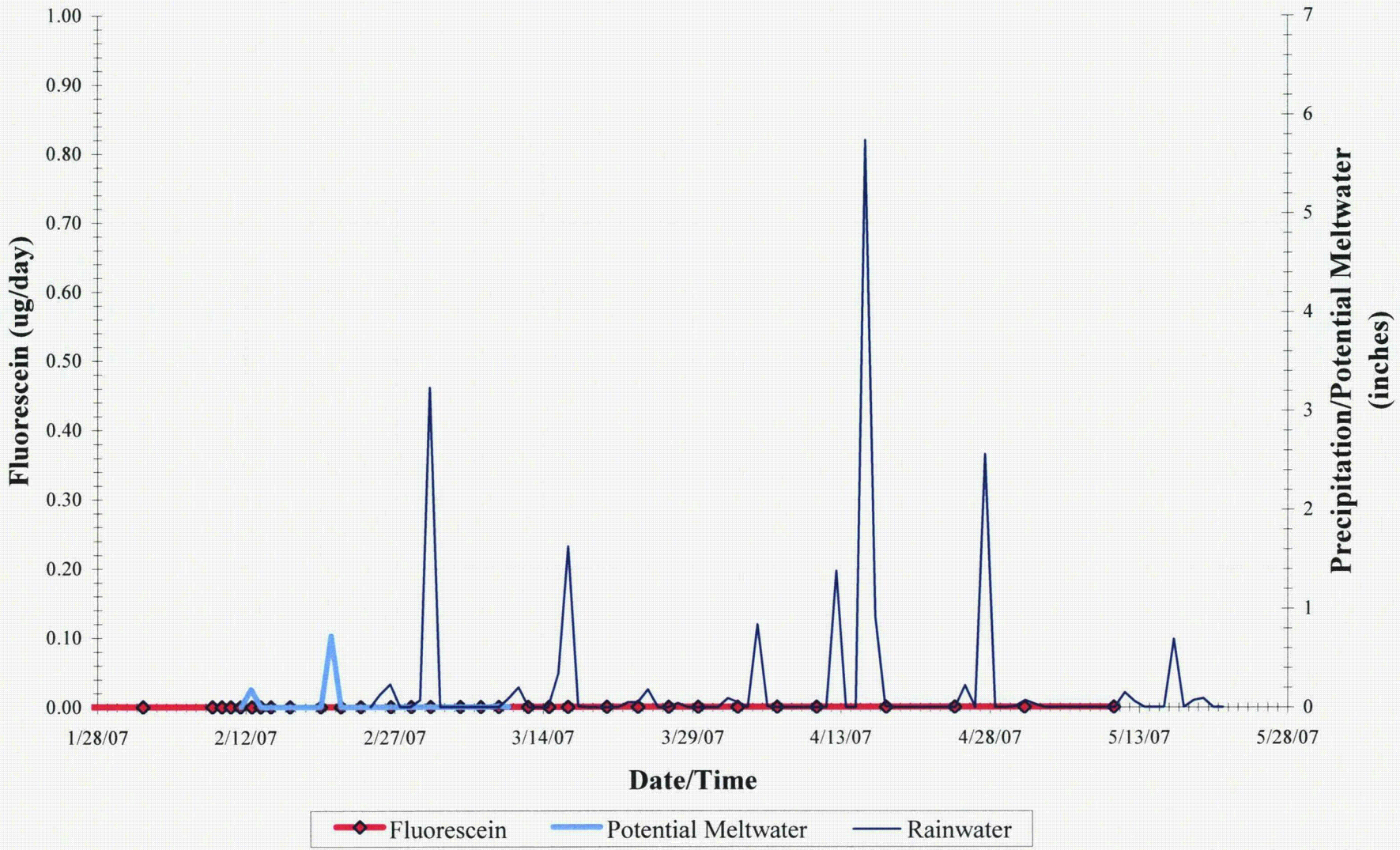
MW-52-12

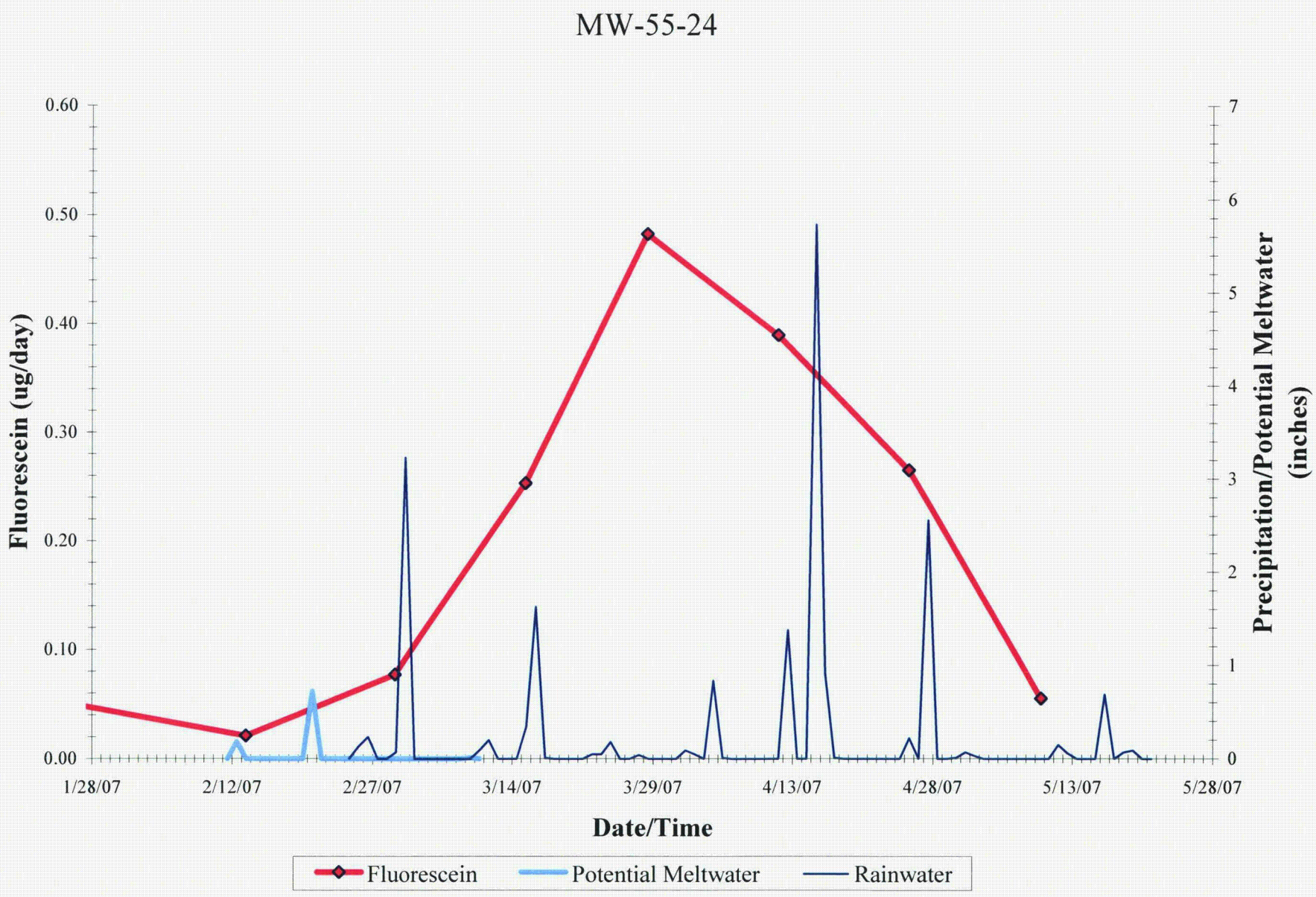

Fluorescein (ug/day)
1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
Precipitation/Potential Meltwater (inches)
7
6
5
4
3
2
1
0
1/28/07
2/12/07
2/27/07
3/14/07
3/29/07
4/13/07
4/28/07
5/13/07
5/28/07
Date/Time
Fluorescein
Potential Meltwater
Rainwater

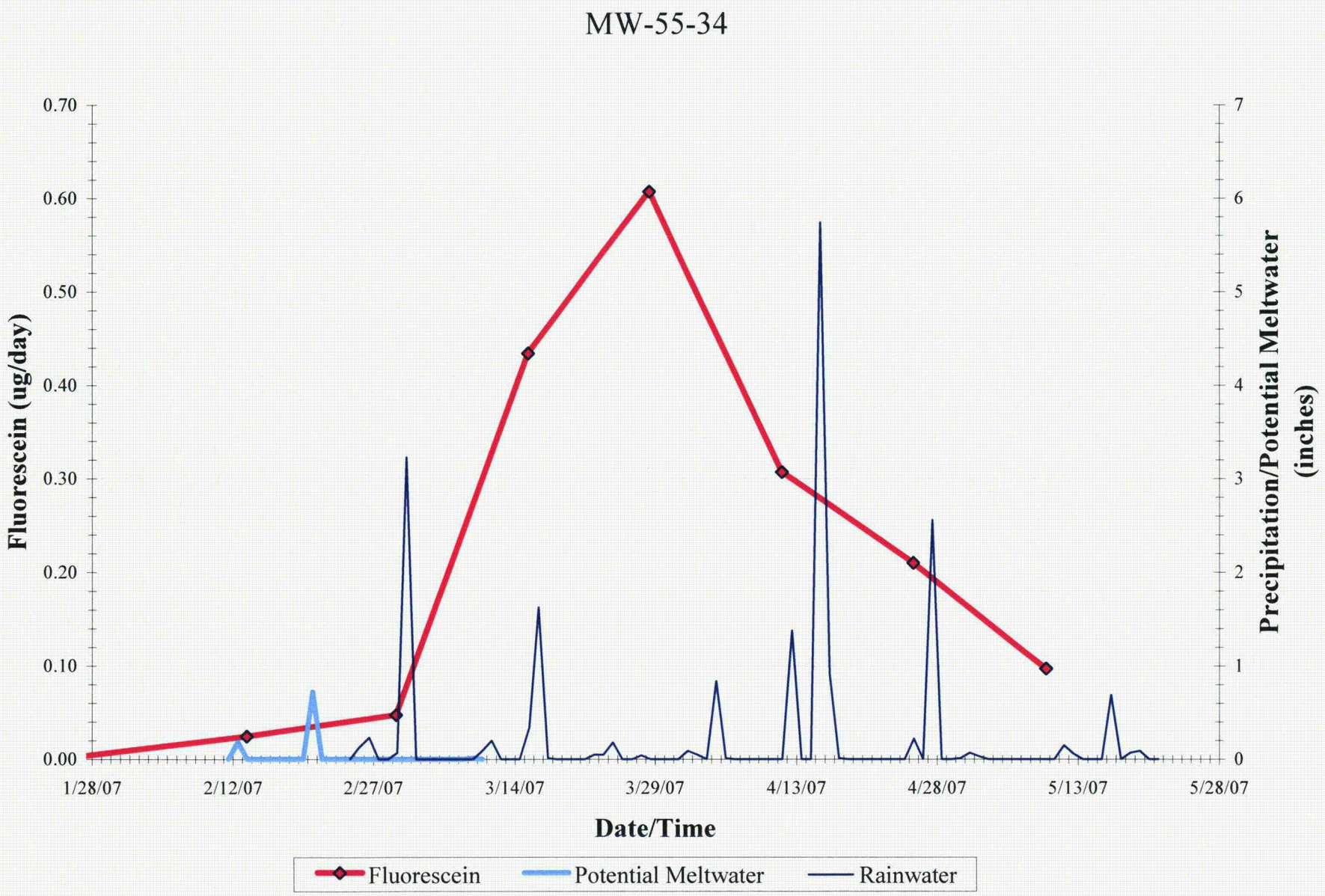
MW-53-80


60.00
50.00
40.00
30.00
20.00
10.00
0.00
Fluorescein (ug/day)
7
6
5
4
3
2
1
0
Precipitation/Potential Meltwater (inches)
1/28/07
2/12/07
2/27/07
3/14/07
3/29/07
4/13/07
4/28/07
5/13/07
5/28/07
Date/Time
Fluorescein
Potential Meltwater
Rainwater

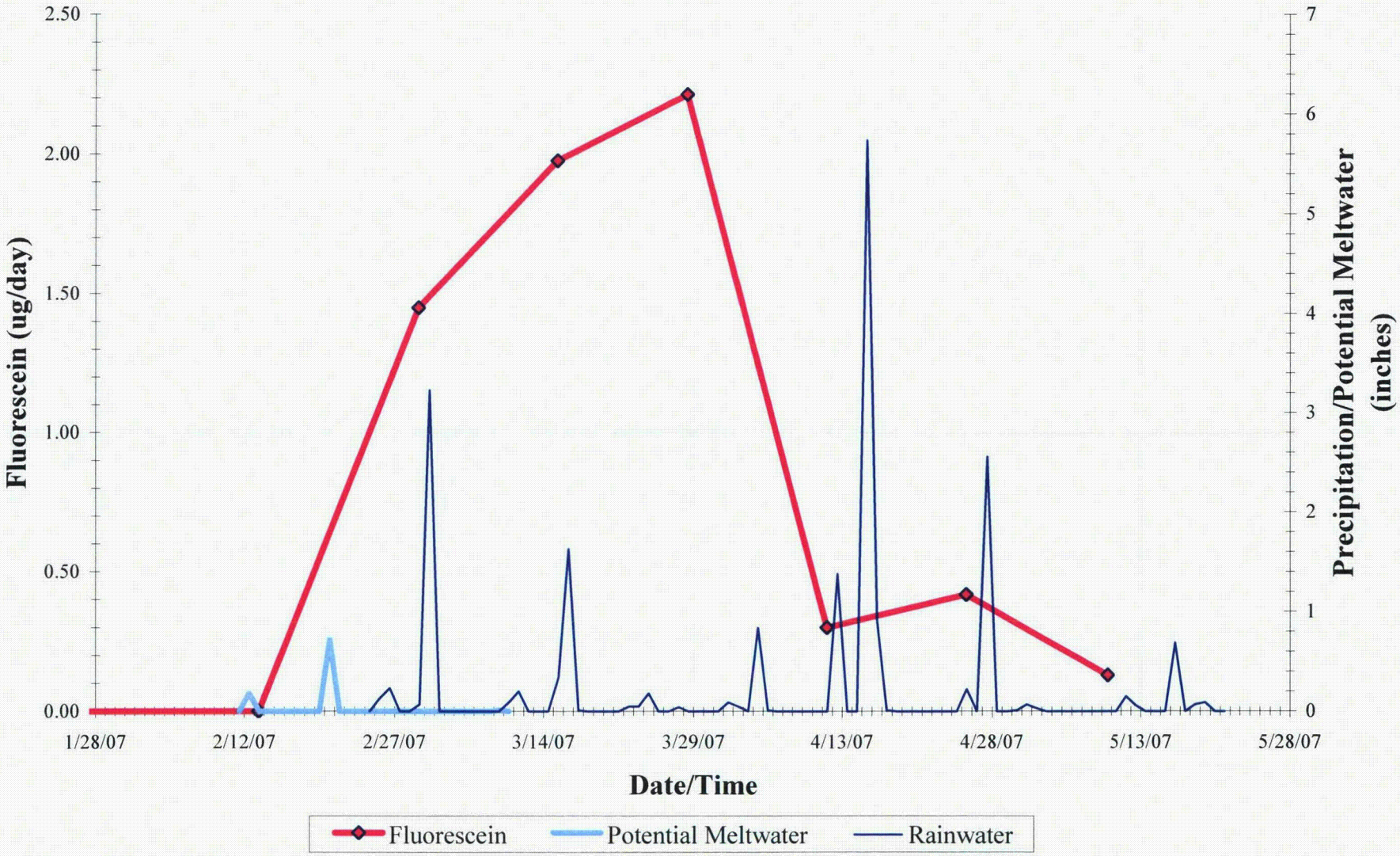
MW-53-120


Fluorescein (ug/day)
1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
Precipitation/Potential Meltwater (inches)
7
6
5
4
3
2
1
0
1/28/07
2/12/07
2/27/07
3/14/07
3/29/07
4/13/07
4/28/07
5/13/07
5/28/07
Date/Time
Fluorescein
Potential Meltwater
Rainwater

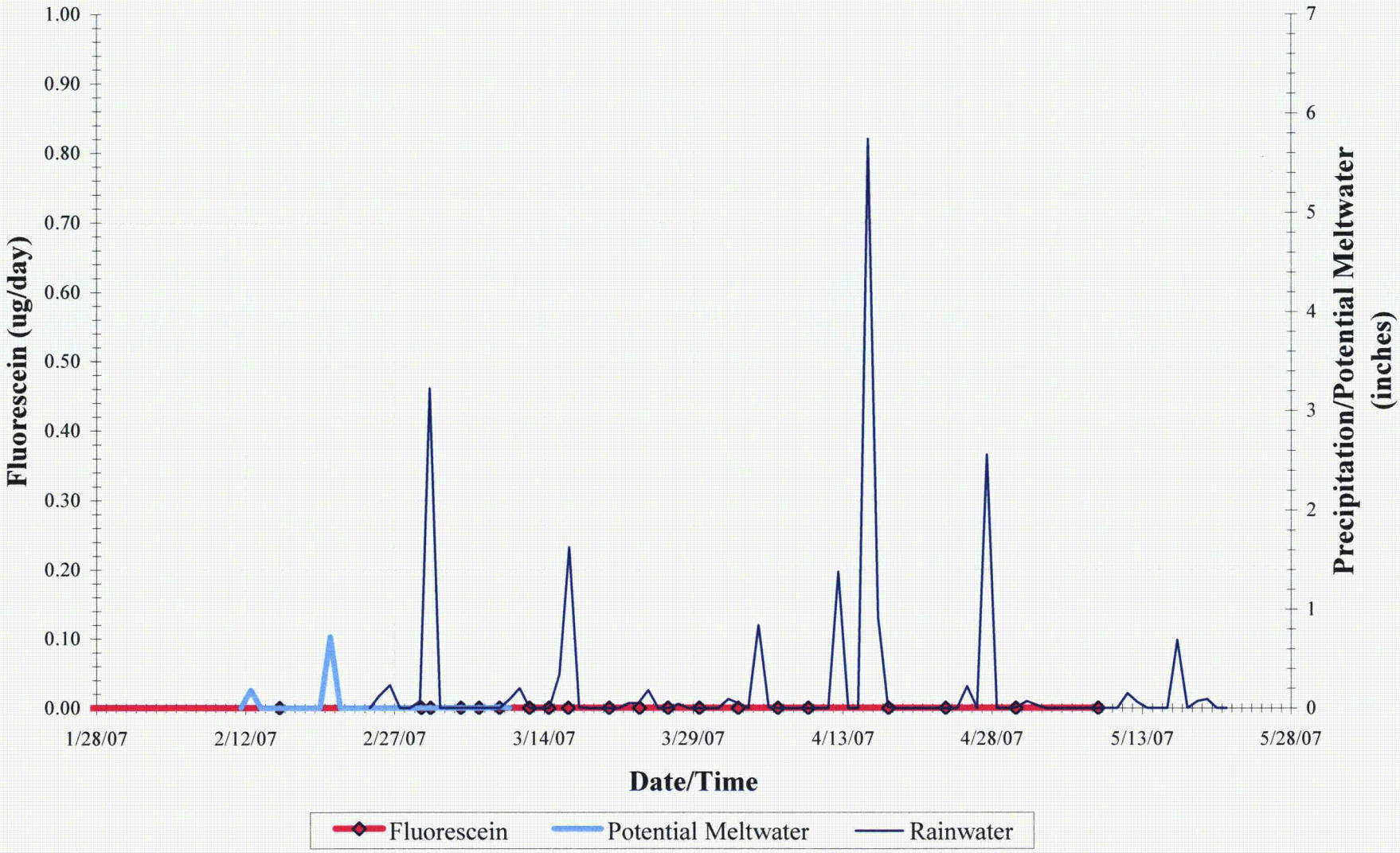

MW-55-24
Fluorescein (ug/day)
0.60
0.50
0.40
0.30
0.20
0.10
0.00
Precipitation/Potential Meltwater (inches)
7
6
5
4
3
2
1
0
1/28/07
2/12/07
2/27/07
3/14/07
3/29/07
4/13/07
4/28/07
5/13/07
5/28/07
Date/Time
Fluorescein
Potential Meltwater
Rainwater


MW-55-34
Fluorescein (ug/day)
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
Precipitation/Potential Meltwater (inches)
7
6
5
4
3
2
1
0
1/28/07
2/12/07
2/27/07
3/14/07
3/29/07
4/13/07
4/28/07
5/13/07
5/28/07
Date/Time
Fluorescein
Potential Meltwater
Rainwater

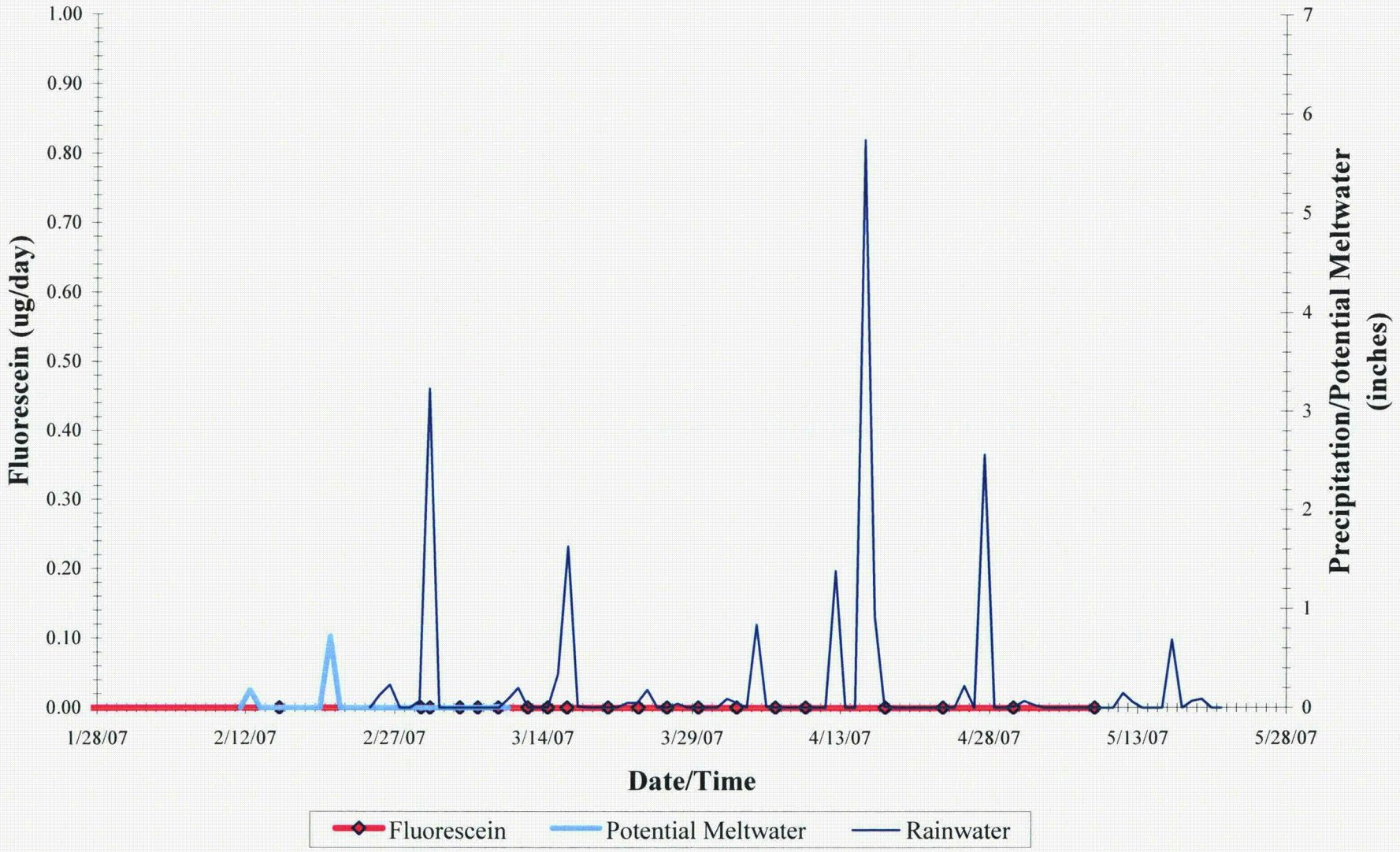
MW-55-54


2.50
2.00
1.50
1.00
0.50
0.00
Fluorescein (ug/day)
7
6
5
4
3
2
1
0
Precipitation/Potential Meltwater (inches)
1/28/07
2/12/07
2/27/07
3/14/07
3/29/07
4/13/07
4/28/07
5/13/07
5/28/07
Date/Time
Fluorescein
Potential Meltwater
Rainwater

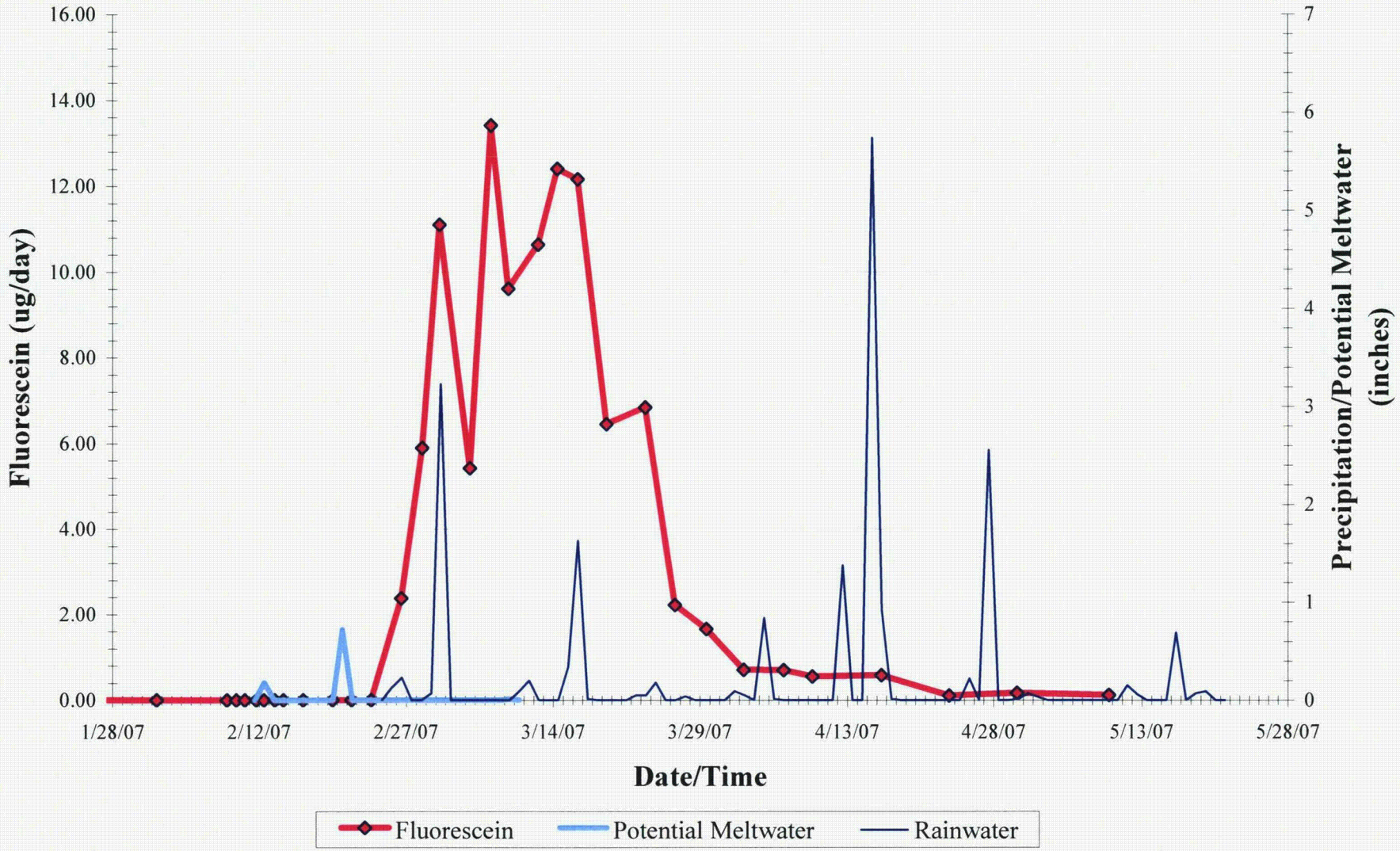
MW-56-54


1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
Fluorescein (ug/day)
7
6
5
4
3
2
1
0
Precipitation/Potential Meltwater (inches)
1/28/07
2/12/07
2/27/07
3/14/07
3/29/07
4/13/07
4/28/07
5/13/07
5/28/07
Date/Time
Fluorescein
Potential Meltwater
Rainwater

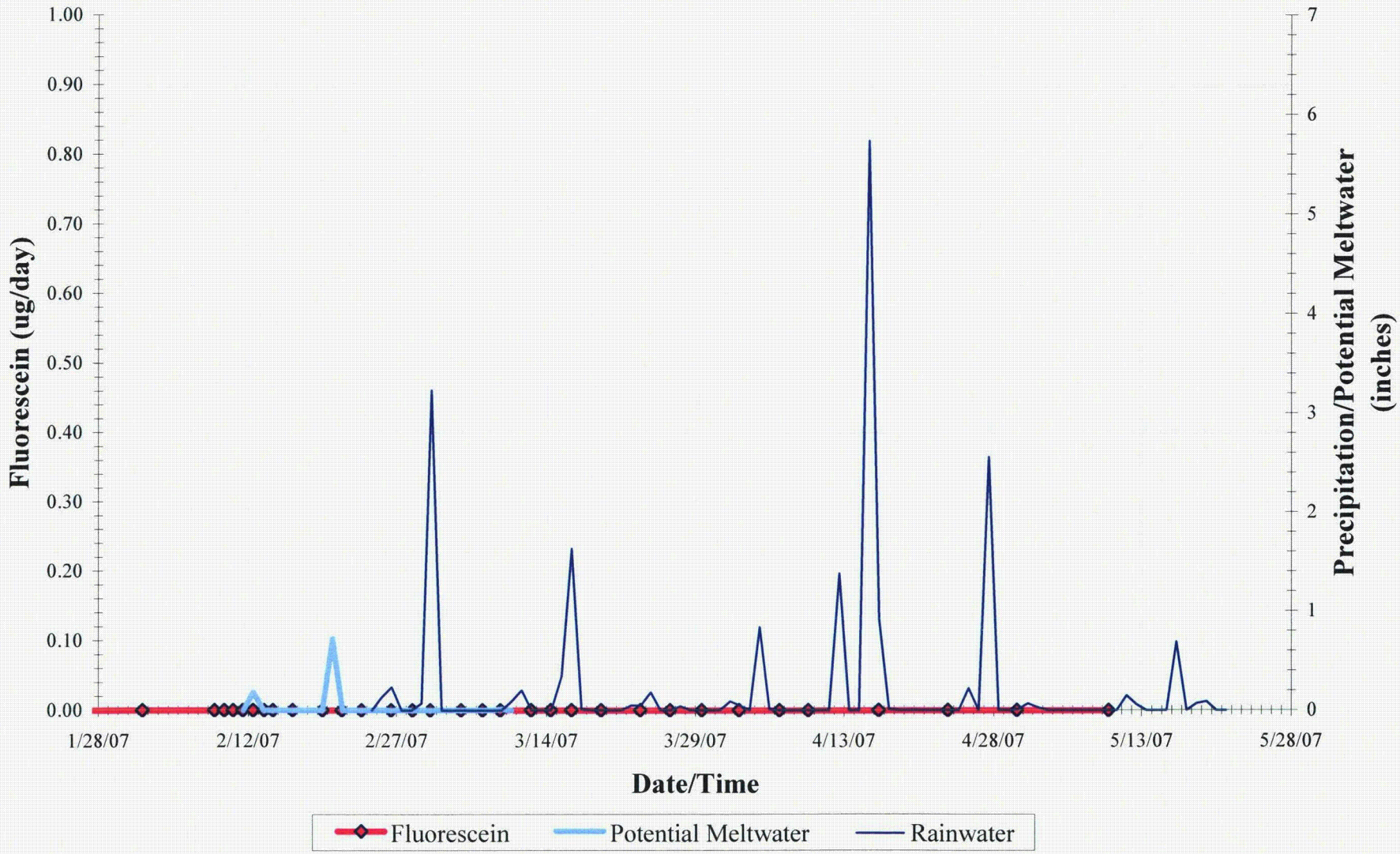
MW-56-85


1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
Fluorescein (ug/day)
7
6
5
4
3
2
1
0
Precipitation/Potential Meltwater (inches)
1/28/07
2/12/07
2/27/07
3/14/07
3/29/07
4/13/07
4/28/07
5/13/07
5/28/07
Date/Time
Fluorescein
Potential Meltwater
Rainwater

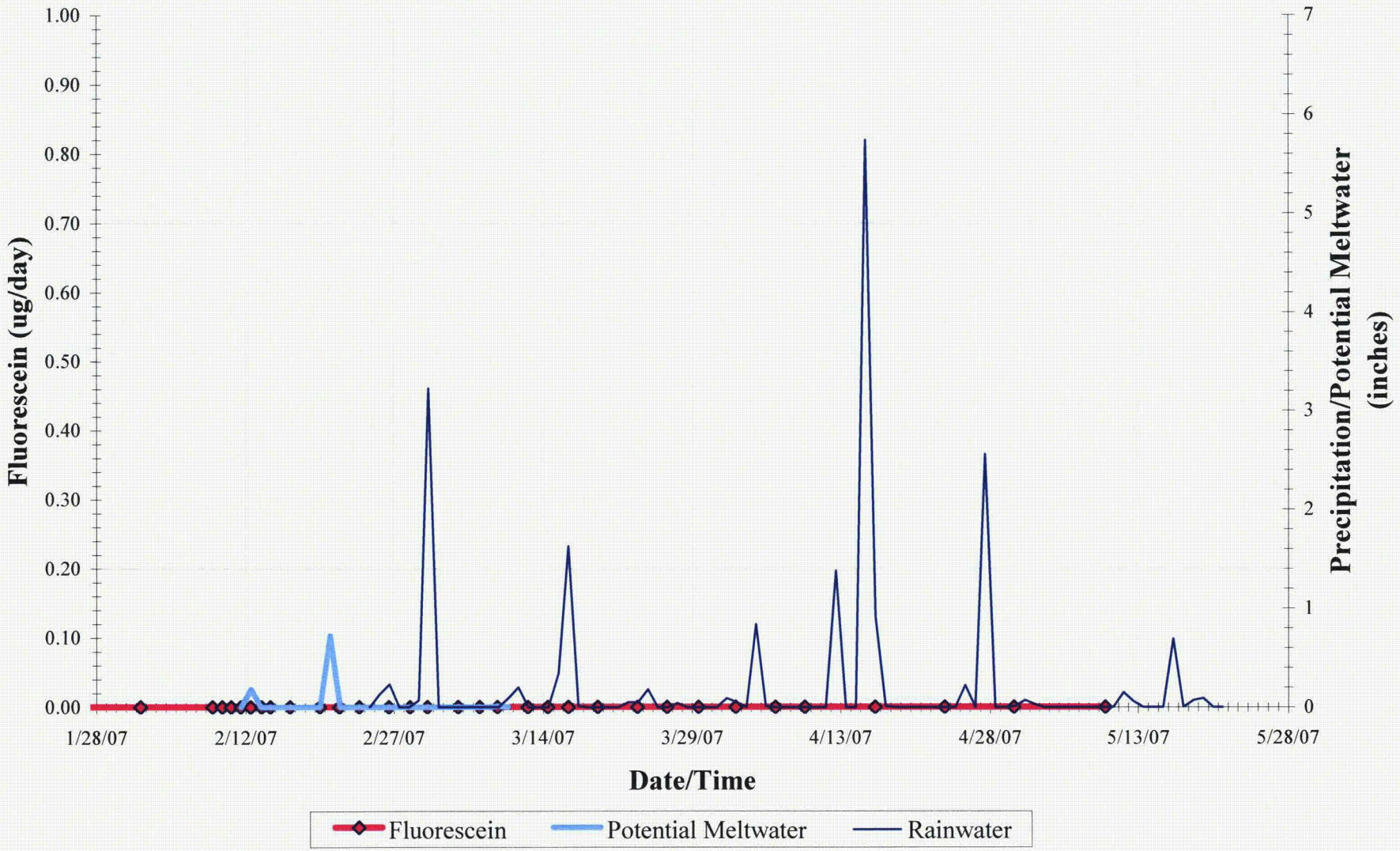
MW-57-11


16.00
14.00
12.00
10.00
8.00
6.00
4.00
2.00
0.00
Fluorescein (ug/day)
7
6
5
4
3
2
1
0
Precipitation/Potential Meltwater (inches)
1/28/07
2/12/07
2/27/07
3/14/07
3/29/07
4/13/07
4/28/07
5/13/07
5/28/07
Date/Time
Fluorescein
Potential Meltwater
Rainwater

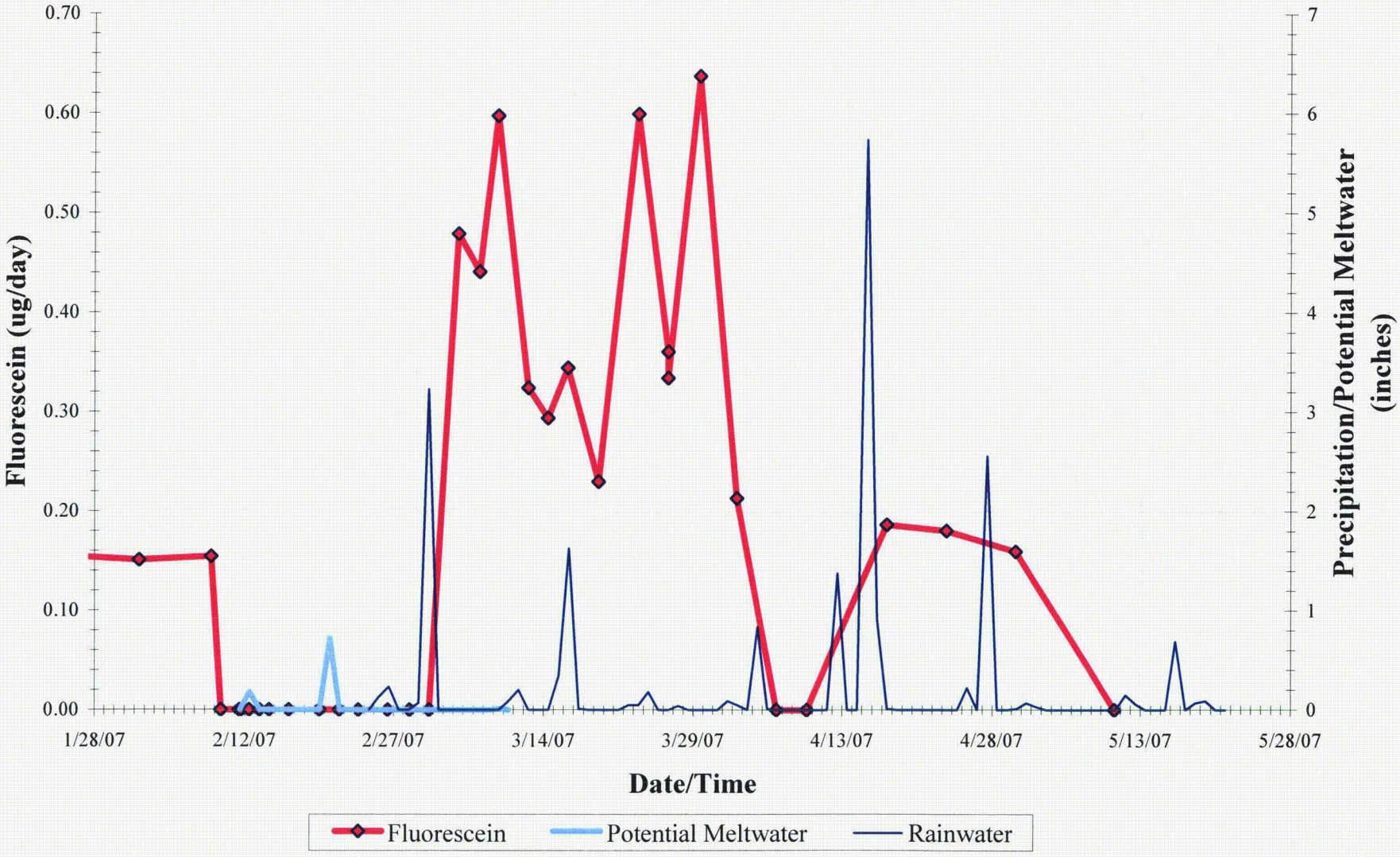
MW-57-20


1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
Fluorescein (ug/day)
7
6
5
4
3
2
1
0
Precipitation/Potential Meltwater (inches)
1/28/07
2/12/07
2/27/07
3/14/07
3/29/07
4/13/07
4/28/07
5/13/07
5/28/07
Date/Time
Fluorescein
Potential Meltwater
Rainwater

MW-57-45


1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
Fluorescein (ug/day)
7
6
5
4
3
2
1
0
Precipitation/Potential Meltwater (inches)
1/28/07
2/12/07
2/27/07
3/14/07
3/29/07
4/13/07
4/28/07
5/13/07
5/28/07
Date/Time
Fluorescein
Potential Meltwater
Rainwater

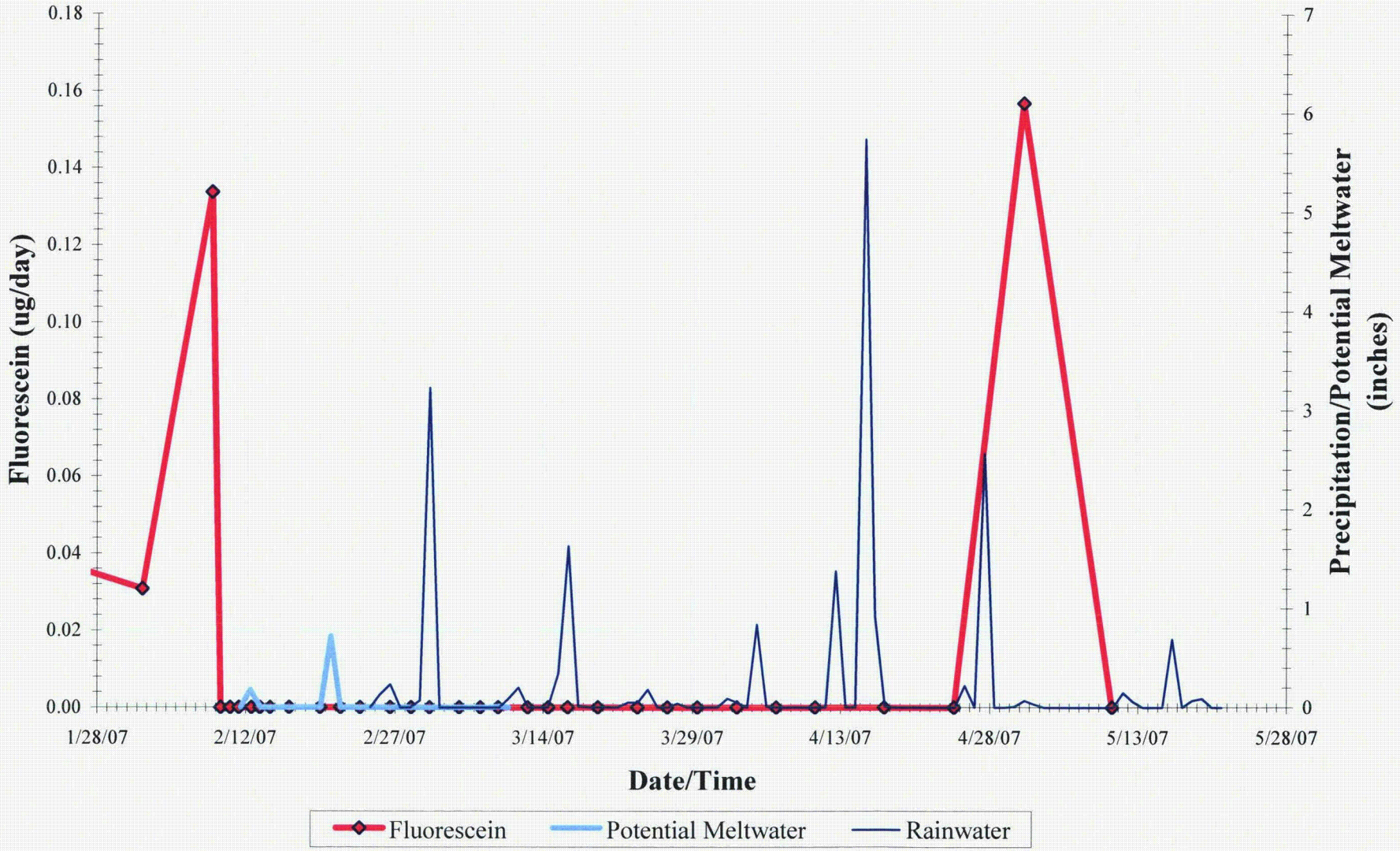
MW-58-26


0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
Fluorescein (ug/day)
7
6
5
4
3
2
1
0
Precipitation/Potential Meltwater (inches)
1/28/07
2/12/07
2/27/07
3/14/07
3/29/07
4/13/07
4/28/07
5/13/07
5/28/07
Date/Time
Fluorescein
Potential Meltwater
Rainwater

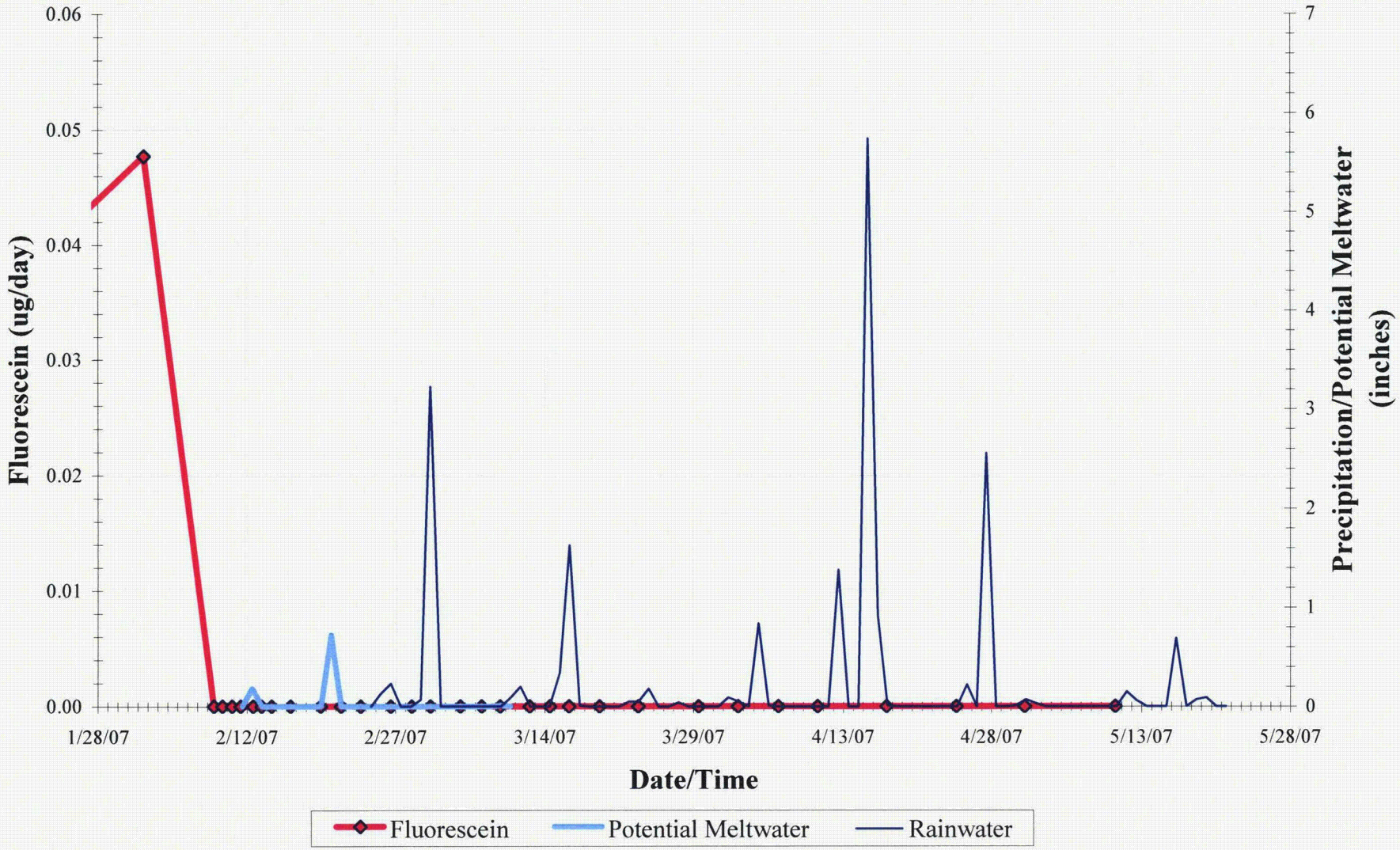
MW-58-65

0.45
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
Fluorescein (ug/day)
7
6
5
4
3
2
1
0
Precipitation/Potential Meltwater (inches)
1/28/07
2/12/07
2/27/07
3/14/07
3/29/07
4/13/07
4/28/07
5/13/07
5/28/07
Date/Time
Fluorescein
Potential Meltwater
Rainwater

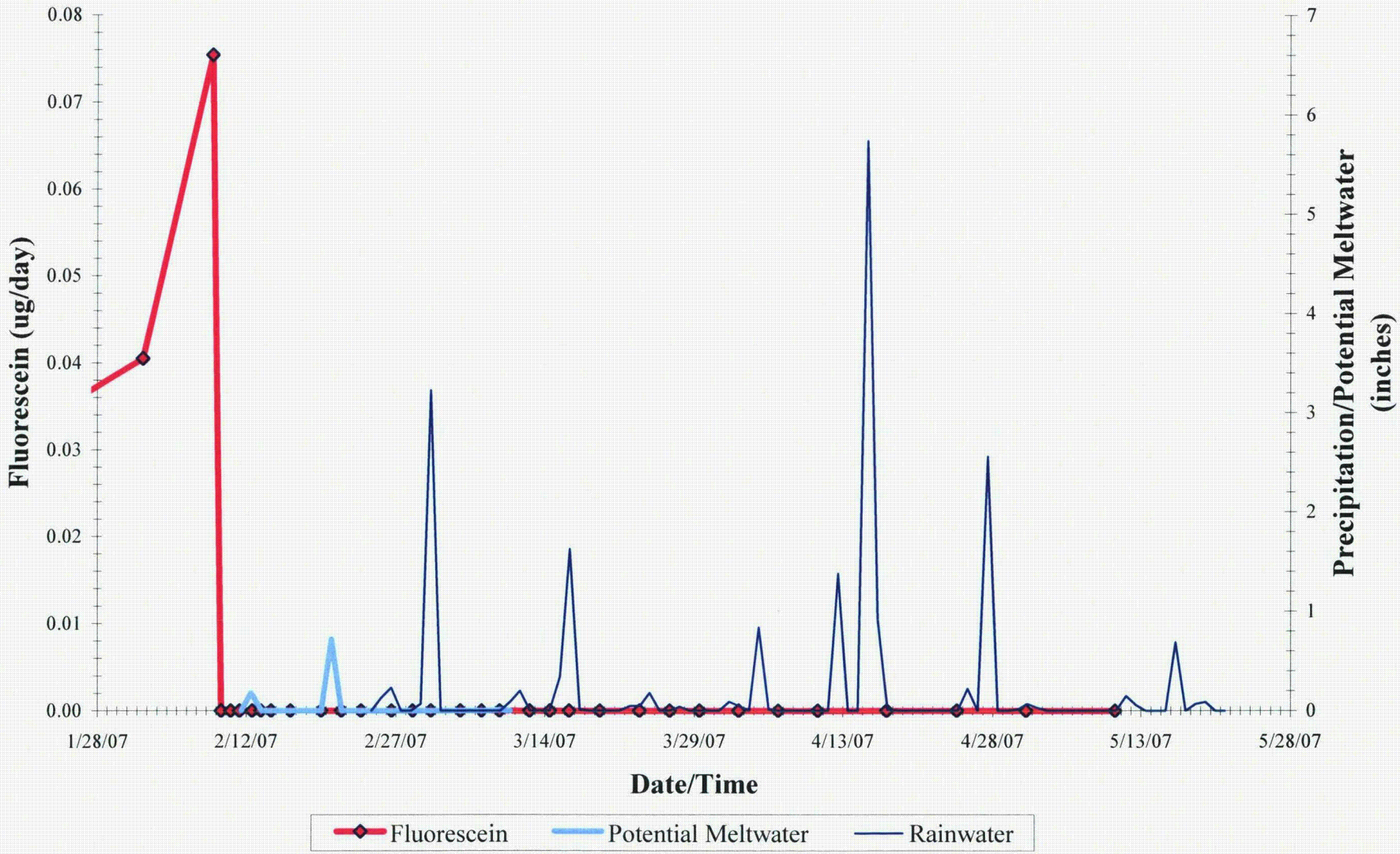
MW-59-31


0.18
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
Fluorescein (ug/day)
7
6
5
4
3
2
1
0
Precipitation/Potential Meltwater (inches)
1/28/07
2/12/07
2/27/07
3/14/07
3/29/07
4/13/07
4/28/07
5/13/07
5/28/07
Date/Time
Fluorescein
Potential Meltwater
Rainwater

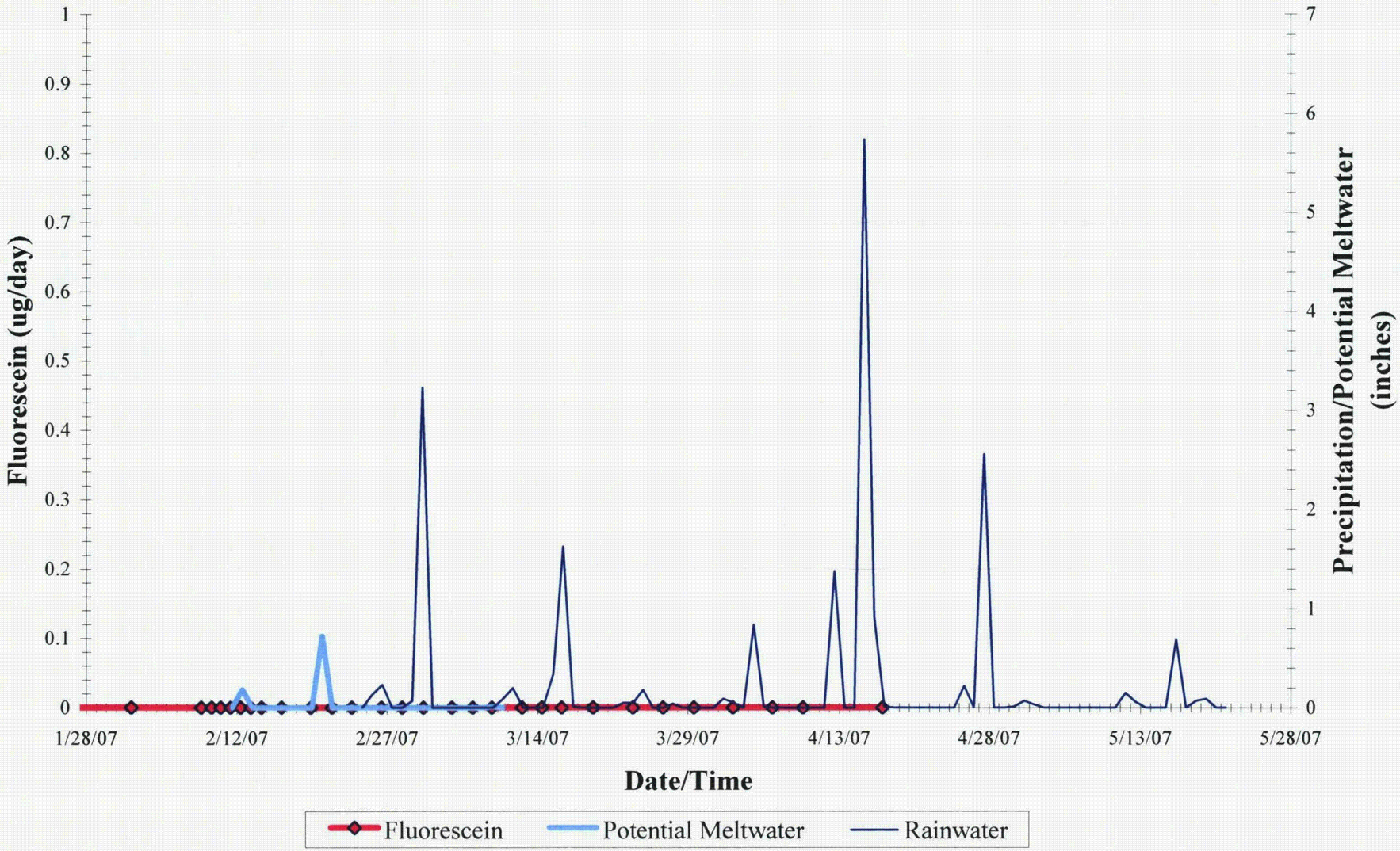
MW-59-45


0.06
0.05
0.04
0.03
0.02
0.01
0.00
Fluorescein (ug/day)
7
6
5
4
3
2
1
0
Precipitation/Potential Meltwater (inches)
1/28/07
2/12/07
2/27/07
3/14/07
3/29/07
4/13/07
4/28/07
5/13/07
5/28/07
Date/Time
Fluorescein
Potential Meltwater
Rainwater

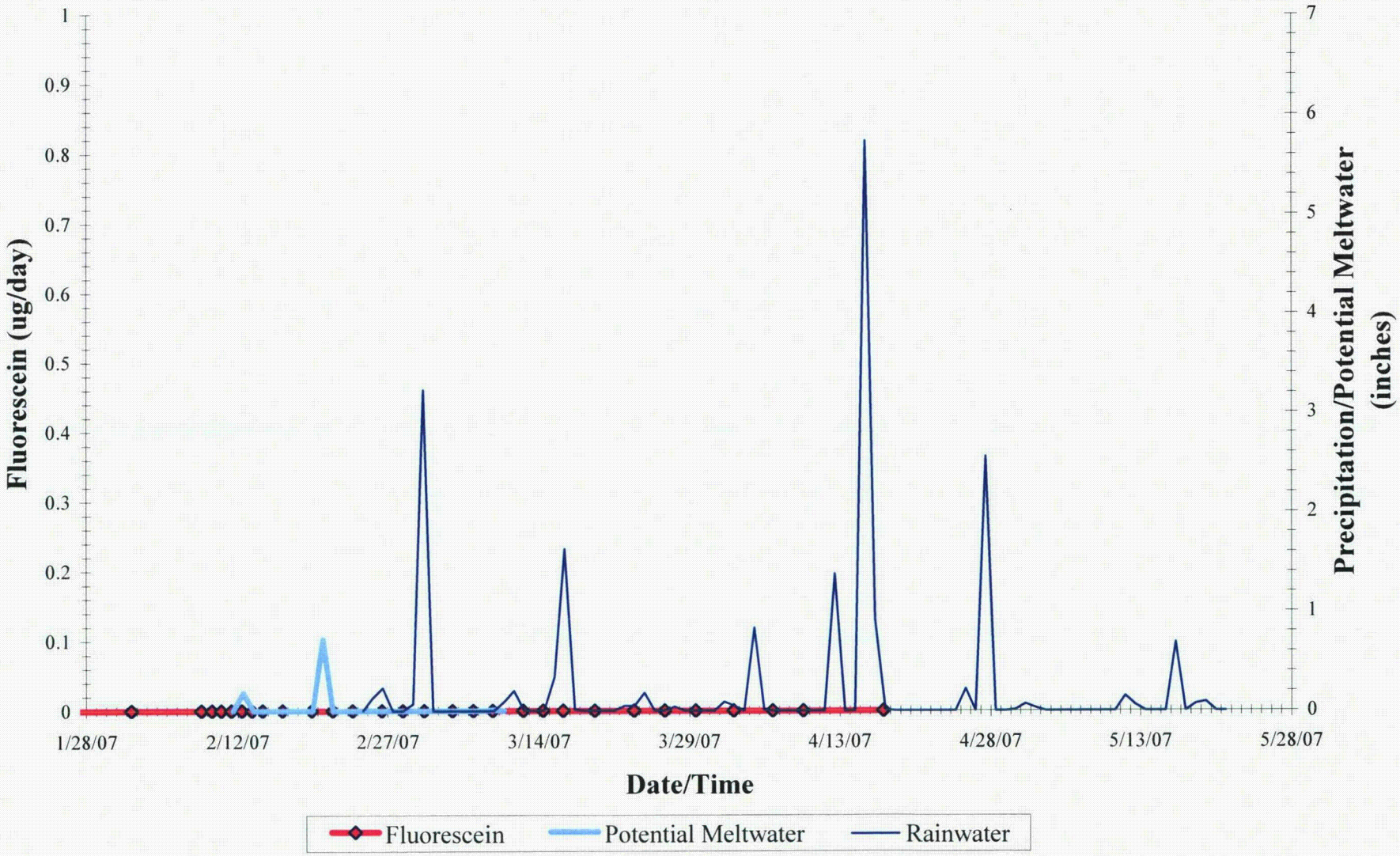
MW-59-68


0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
Fluorescein (ug/day)
7
6
5
4
3
2
1
0
Precipitation/Potential Meltwater (inches)
1/28/07
2/12/07
2/27/07
3/14/07
3/29/07
4/13/07
4/28/07
5/13/07
5/28/07
Date/Time
Fluorescein
Potential Meltwater
Rainwater

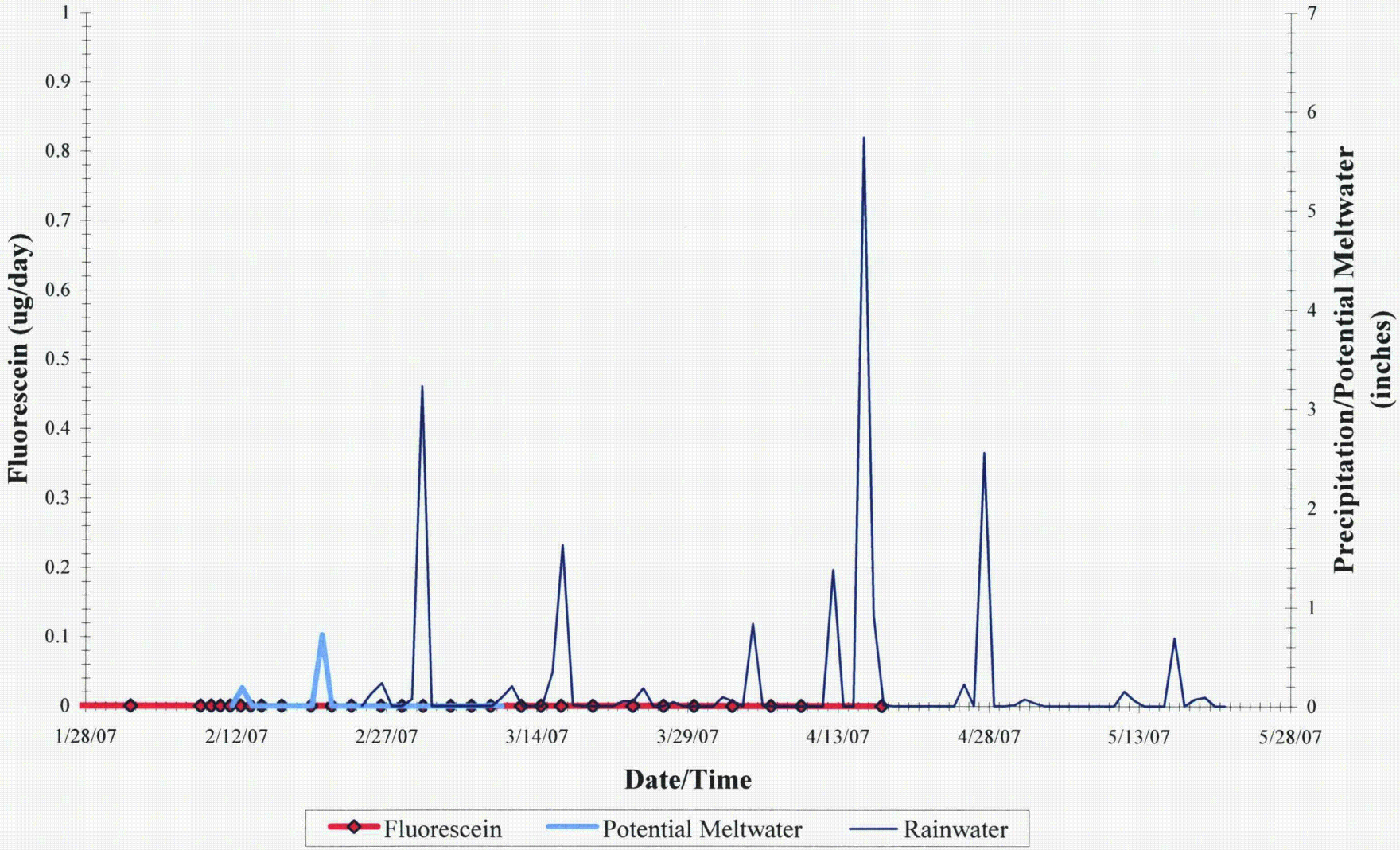
MW-60-37


Fluorescein (ug/day)
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Precipitation/Potential Meltwater (inches)
7
6
5
4
3
2
1
0
1/28/07
2/12/07
2/27/07
3/14/07
3/29/07
4/13/07
4/28/07
5/13/07
5/28/07
Date/Time
Fluorescein
Potential Meltwater
Rainwater

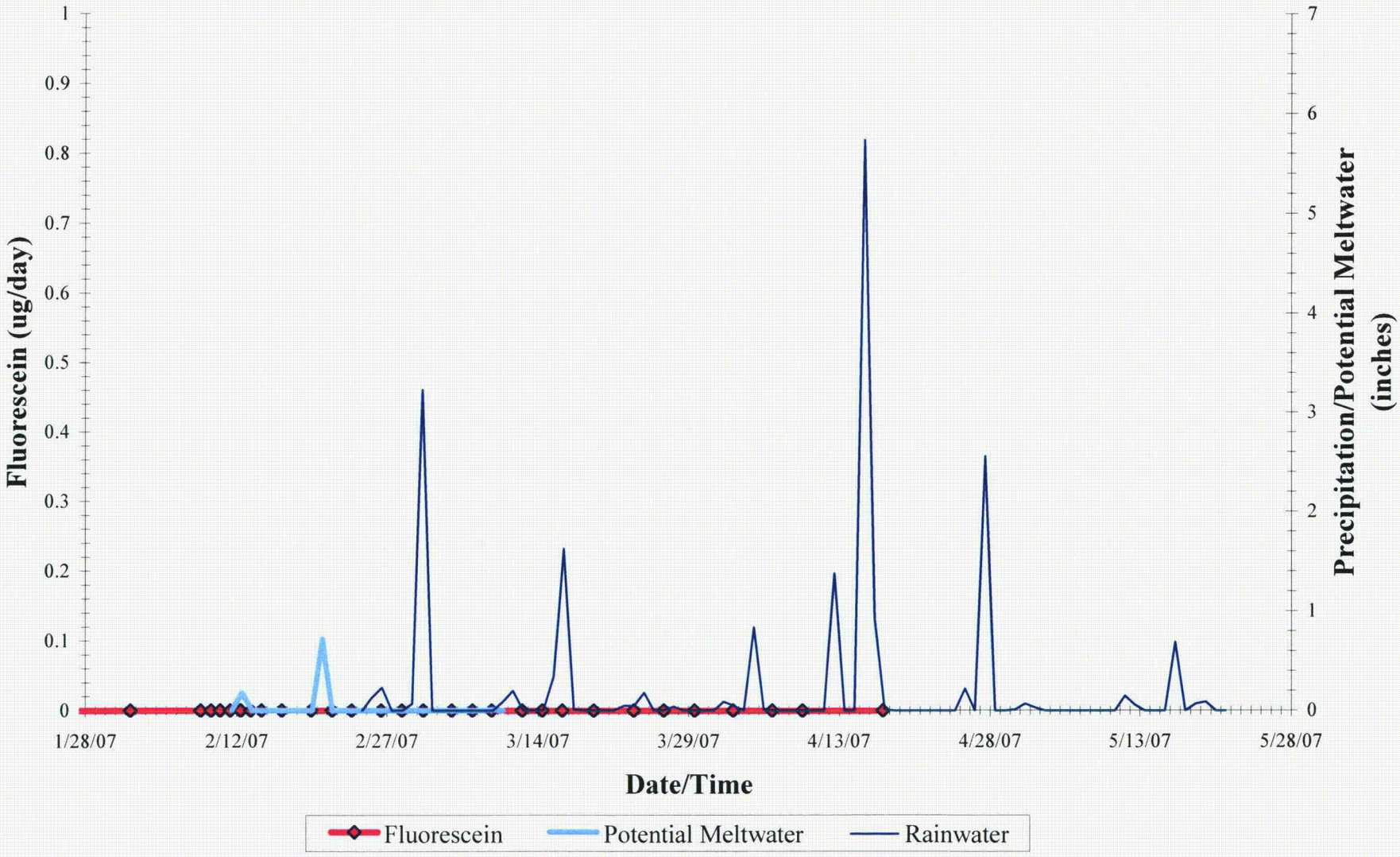
MW-60-55


Fluorescein (ug/day)
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Precipitation/Potential Meltwater (inches)
7
6
5
4
3
2
1
0
1/28/07
2/12/07
2/27/07
3/14/07
3/29/07
4/13/07
4/28/07
5/13/07
5/28/07
Date/Time
Fluorescein
Potential Meltwater
Rainwater

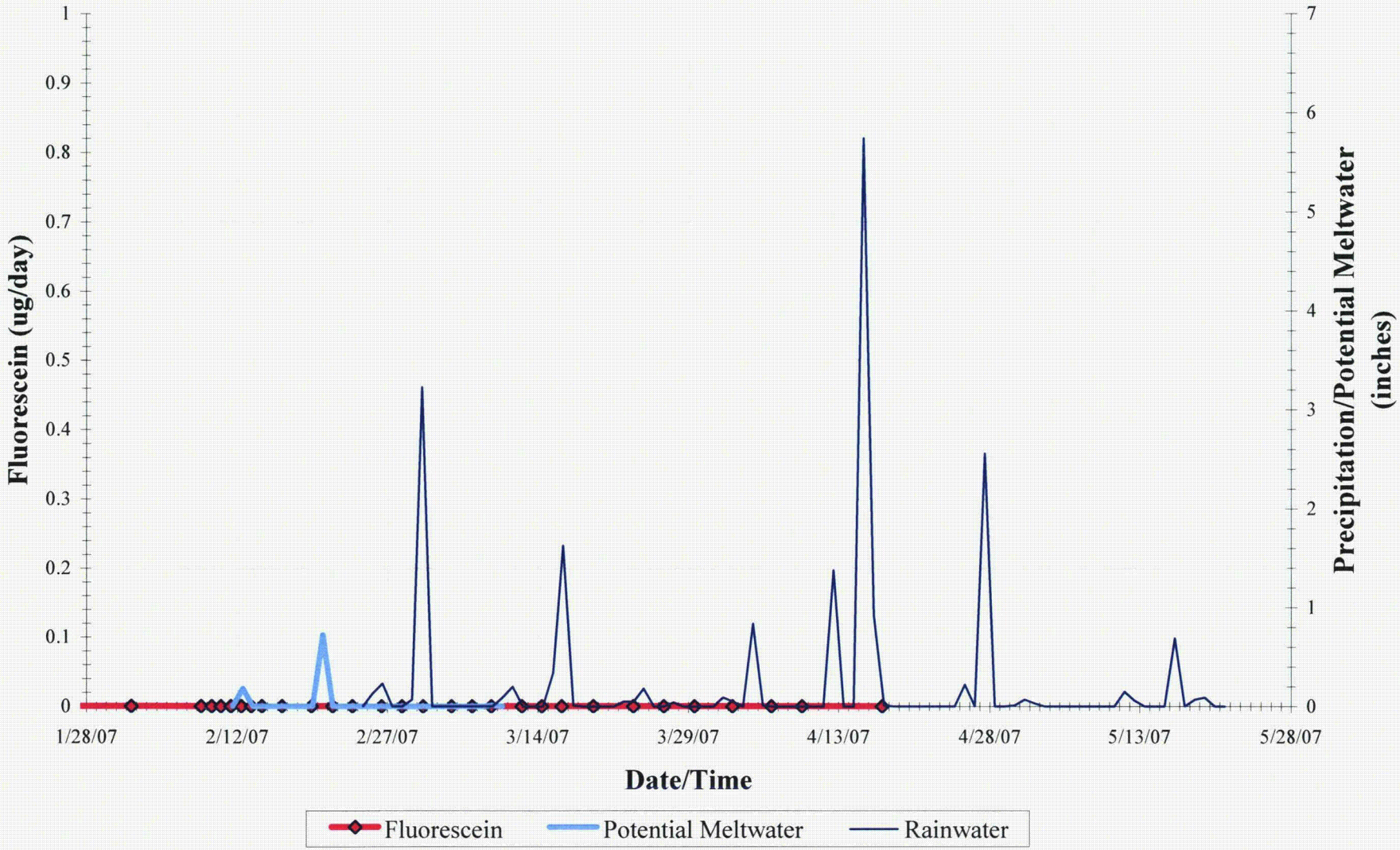
MW-60-75


Fluorescein (ug/day)
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Precipitation/Potential Meltwater (inches)
7
6
5
4
3
2
1
0
1/28/07
2/12/07
2/27/07
3/14/07
3/29/07
4/13/07
4/28/07
5/13/07
5/28/07
Date/Time
Fluorescein
Potential Meltwater
Rainwater

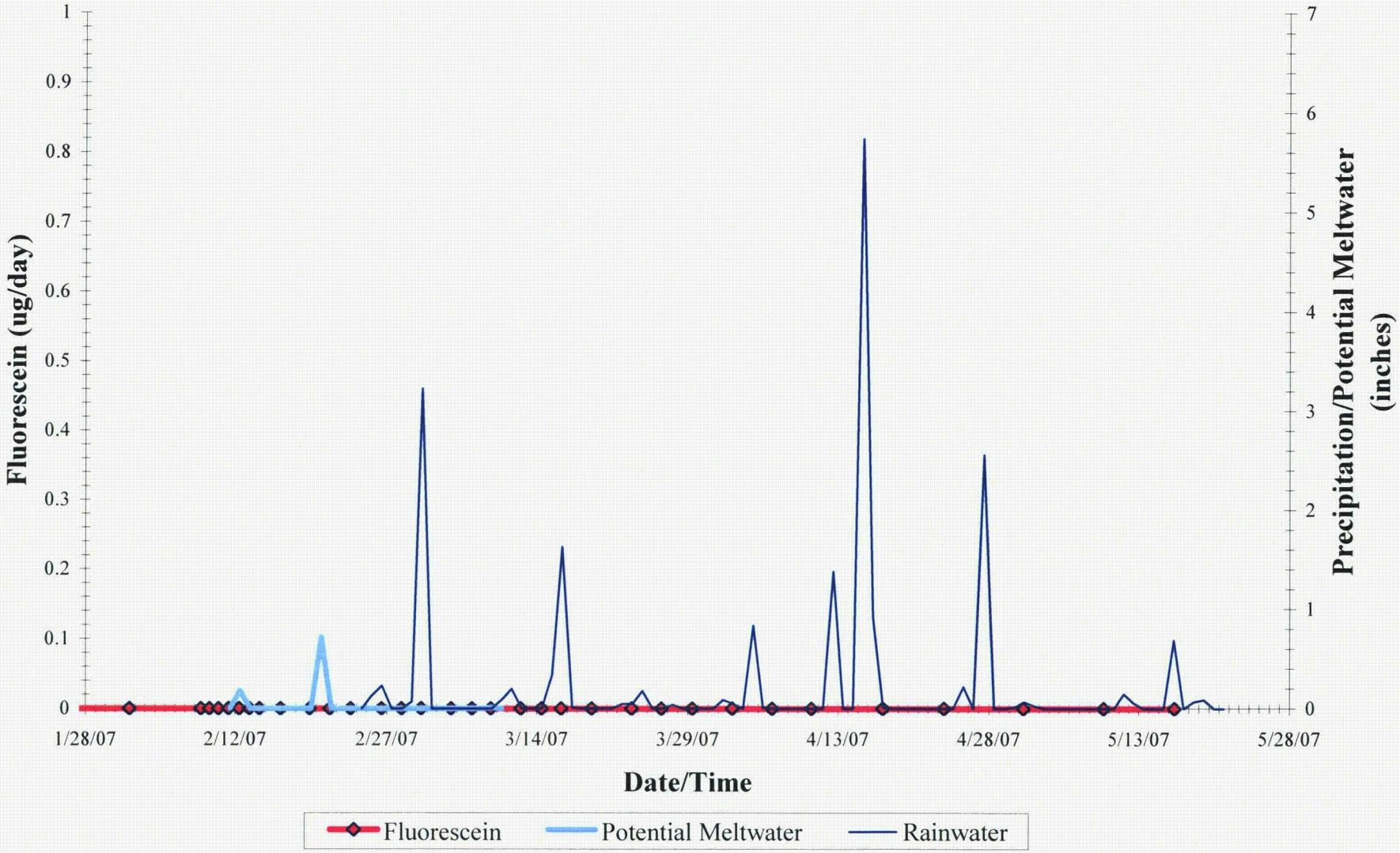
MW-60-136


Fluorescein (ug/day)
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Precipitation/Potential Meltwater (inches)
7
6
5
4
3
2
1
0
1/28/07
2/12/07
2/27/07
3/14/07
3/29/07
4/13/07
4/28/07
5/13/07
5/28/07
Date/Time
Fluorescein
Potential Meltwater
Rainwater

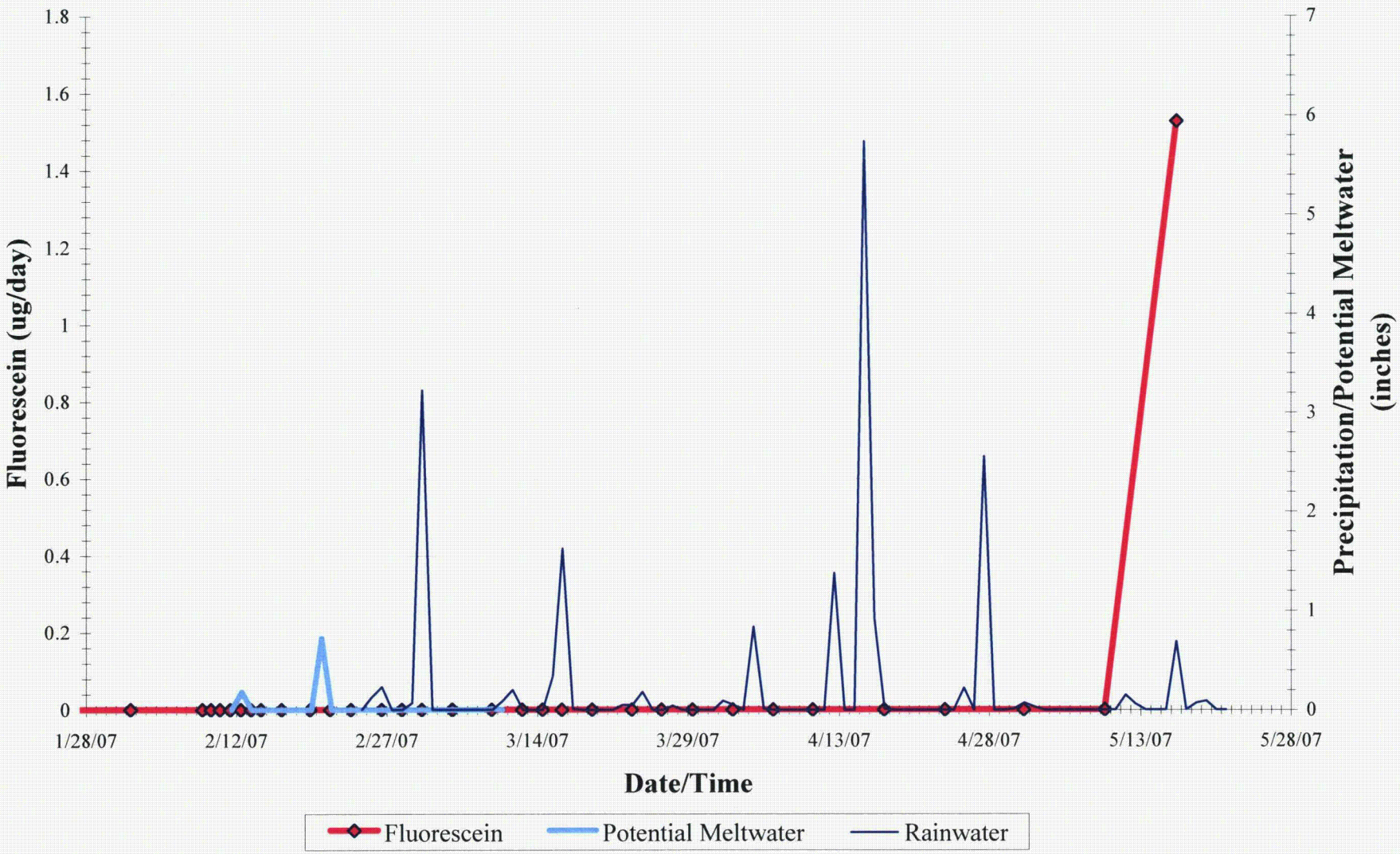
MW-60-175


Fluorescein (ug/day)
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Precipitation/Potential Meltwater (inches)
7
6
5
4
3
2
1
0
1/28/07
2/12/07
2/27/07
3/14/07
3/29/07
4/13/07
4/28/07
5/13/07
5/28/07
Date/Time
Fluorescein
Potential Meltwater
Rainwater

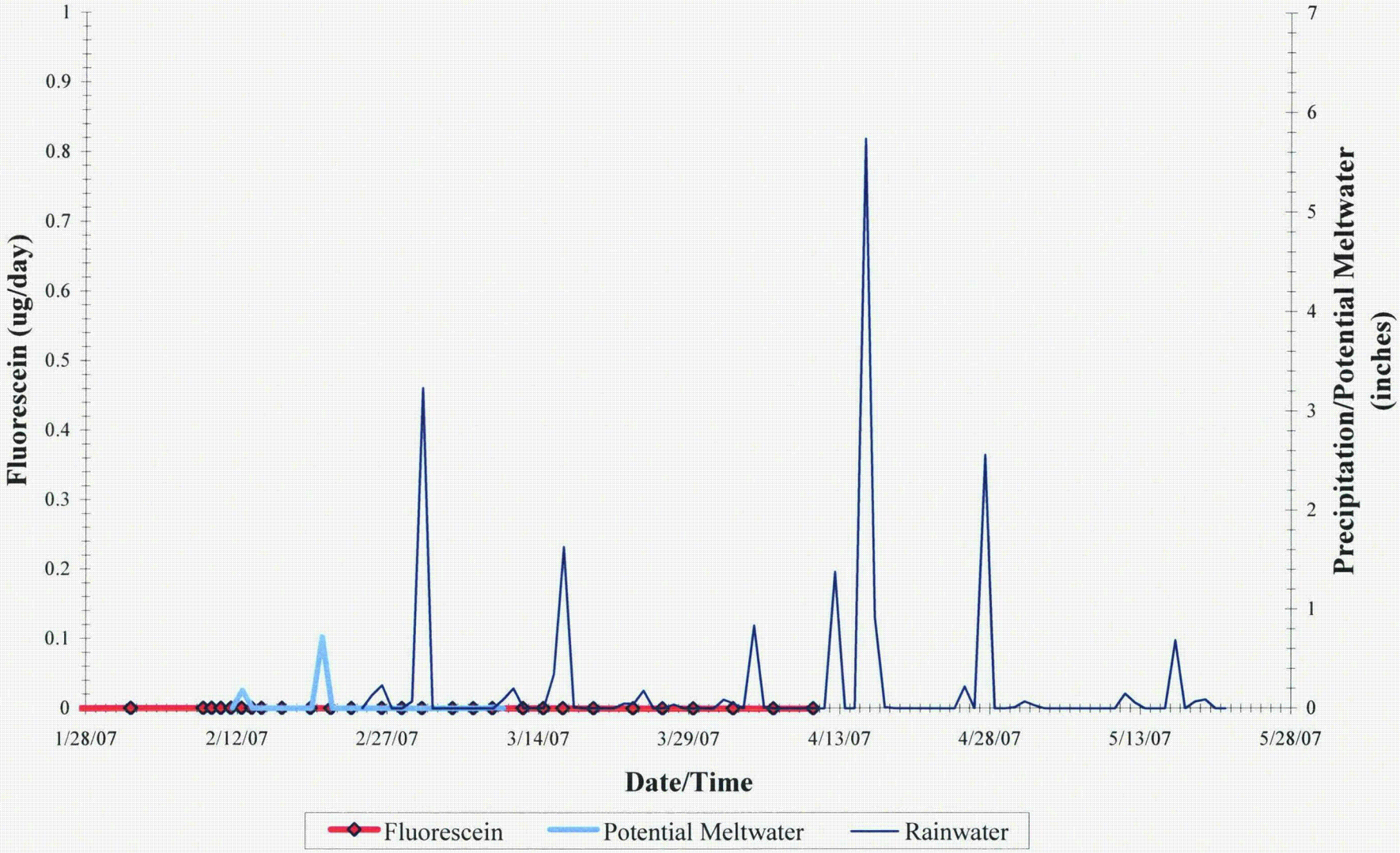
MW-62-18


Fluorescein (ug/day)
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Precipitation/Potential Meltwater (inches)
7
6
5
4
3
2
1
0
1/28/07
2/12/07
2/27/07
3/14/07
3/29/07
4/13/07
4/28/07
5/13/07
5/28/07
Date/Time
Fluorescein
Potential Meltwater
Rainwater

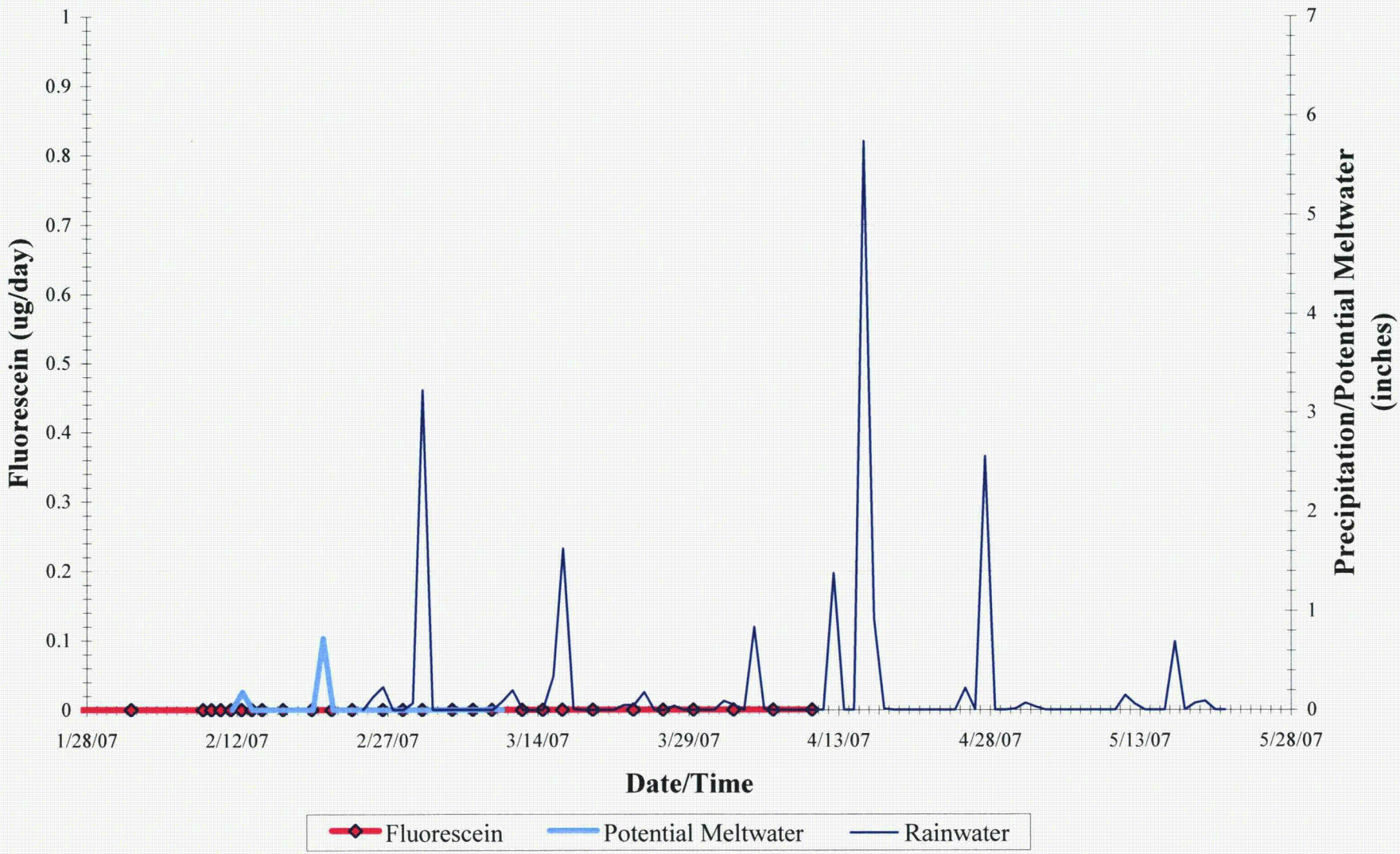
MW-62-35


Fluorescein (ug/day)
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
Precipitation/Potential Meltwater (inches)
7
6
5
4
3
2
1
0
1/28/07
2/12/07
2/27/07
3/14/07
3/29/07
4/13/07
4/28/07
5/13/07
5/28/07
Date/Time
Fluorescein
Potential Meltwater
Rainwater

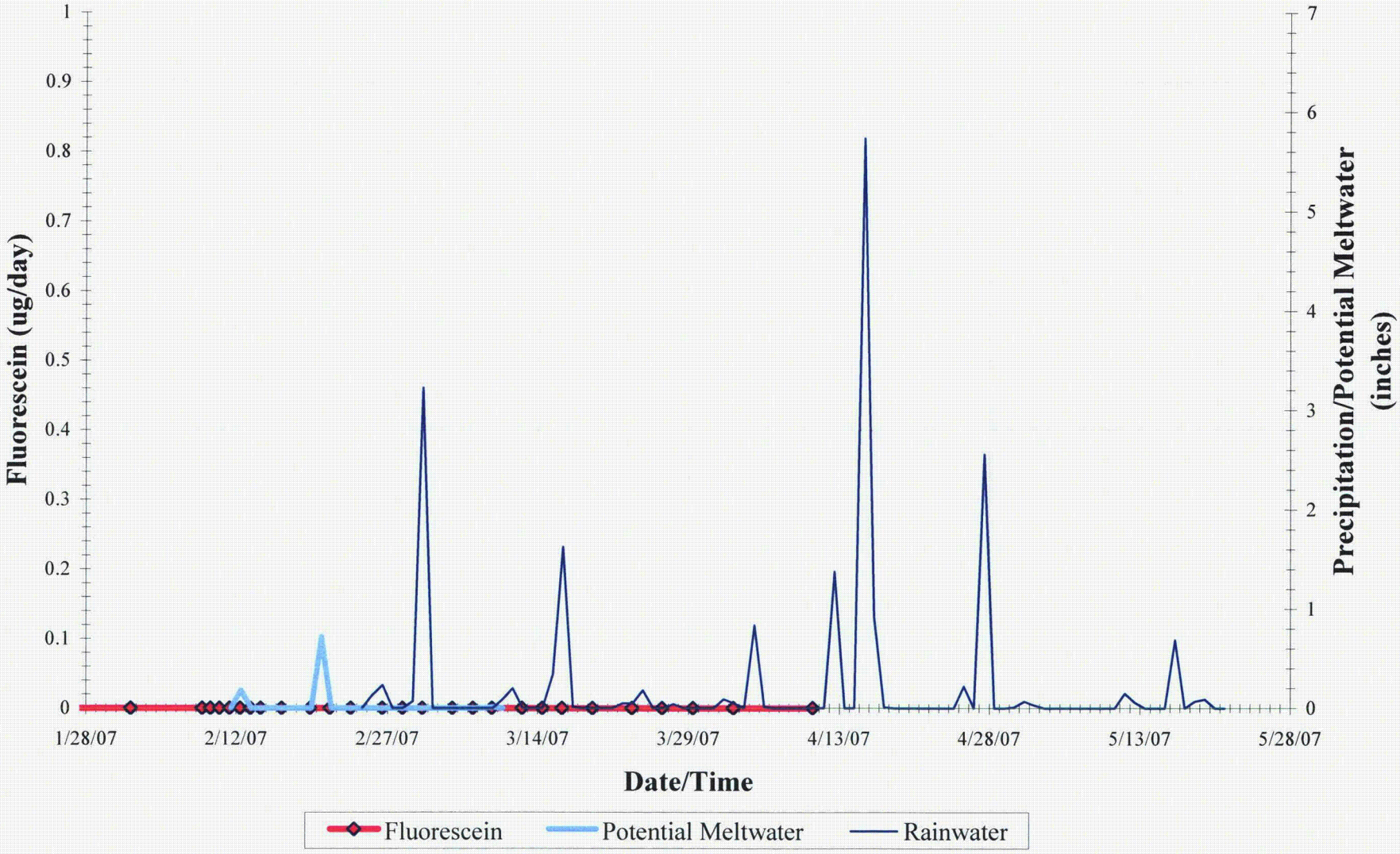
MW-62-55


Fluorescein (ug/day)
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Precipitation/Potential Meltwater (inches)
7
6
5
4
3
2
1
0
1/28/07
2/12/07
2/27/07
3/14/07
3/29/07
4/13/07
4/28/07
5/13/07
5/28/07
Date/Time
Fluorescein
Potential Meltwater
Rainwater

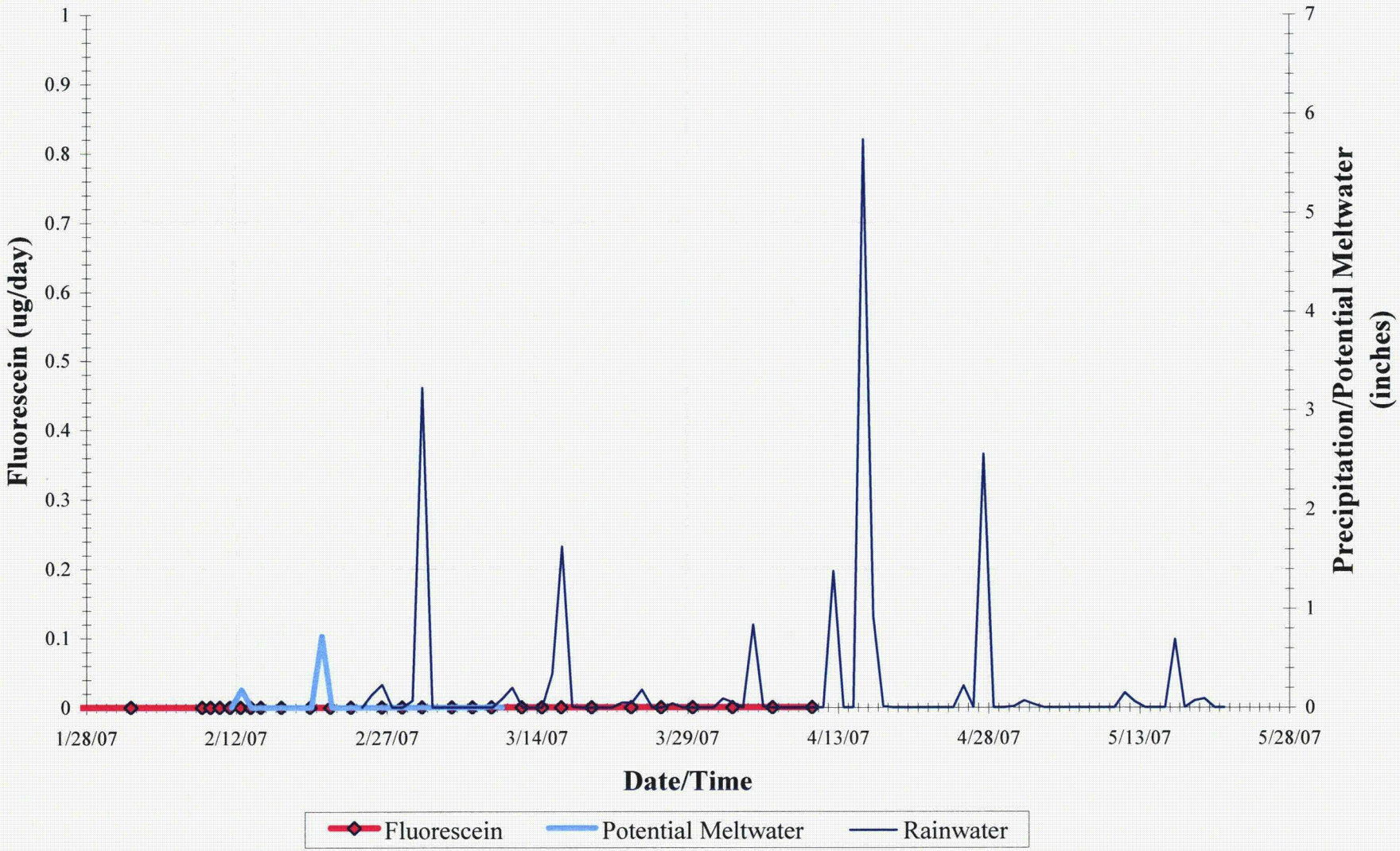
MW-62-83


Fluorescein (ug/day)
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Precipitation/Potential Meltwater (inches)
7
6
5
4
3
2
1
0
1/28/07
2/12/07
2/27/07
3/14/07
3/29/07
4/13/07
4/28/07
5/13/07
5/28/07
Date/Time
Fluorescein
Potential Meltwater
Rainwater

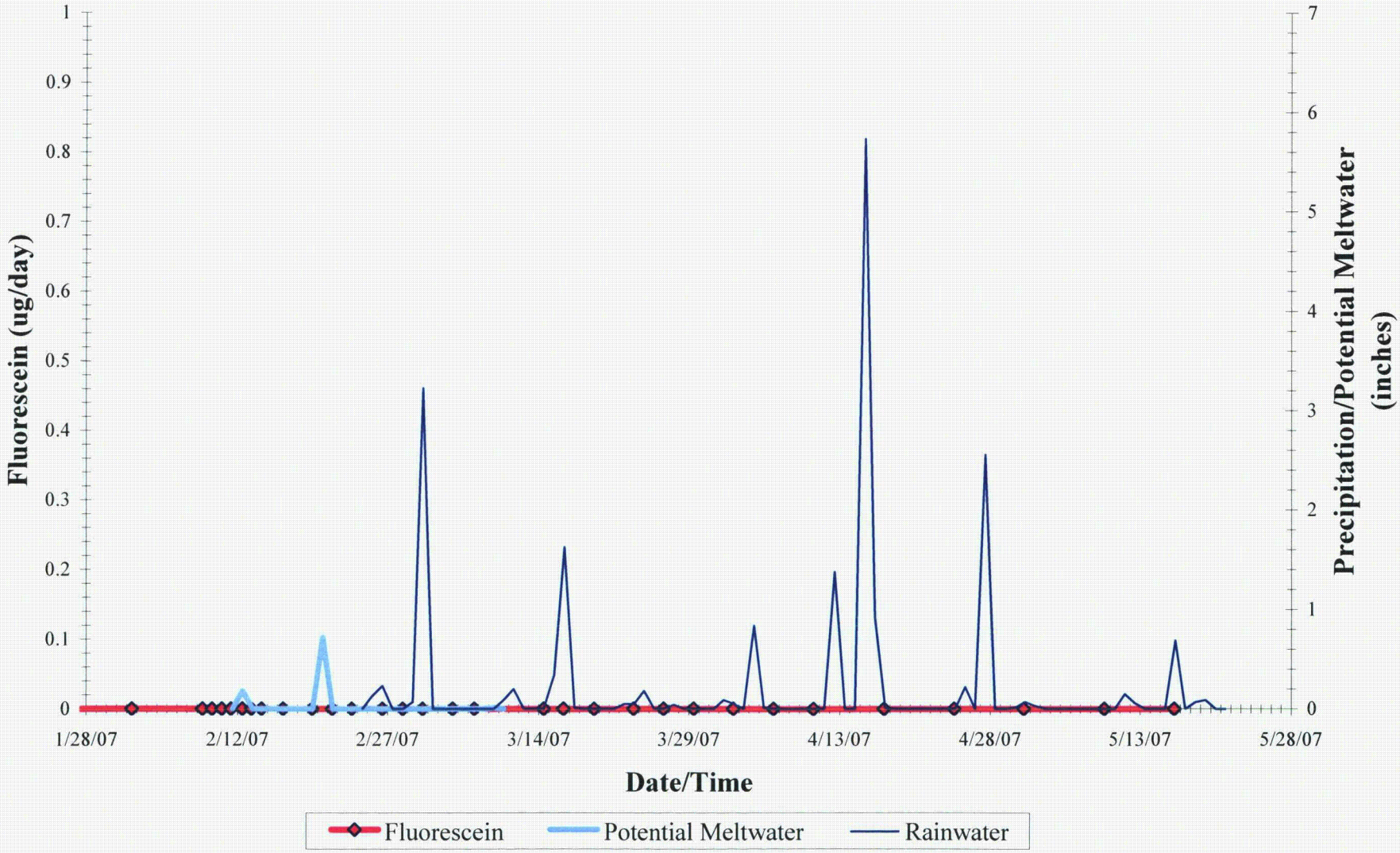
MW-62-138


Fluorescein (ug/day)
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Precipitation/Potential Meltwater (inches)
7
6
5
4
3
2
1
0
1/28/07
2/12/07
2/27/07
3/14/07
3/29/07
4/13/07
4/28/07
5/13/07
5/28/07
Date/Time
Fluorescein
Potential Meltwater
Rainwater

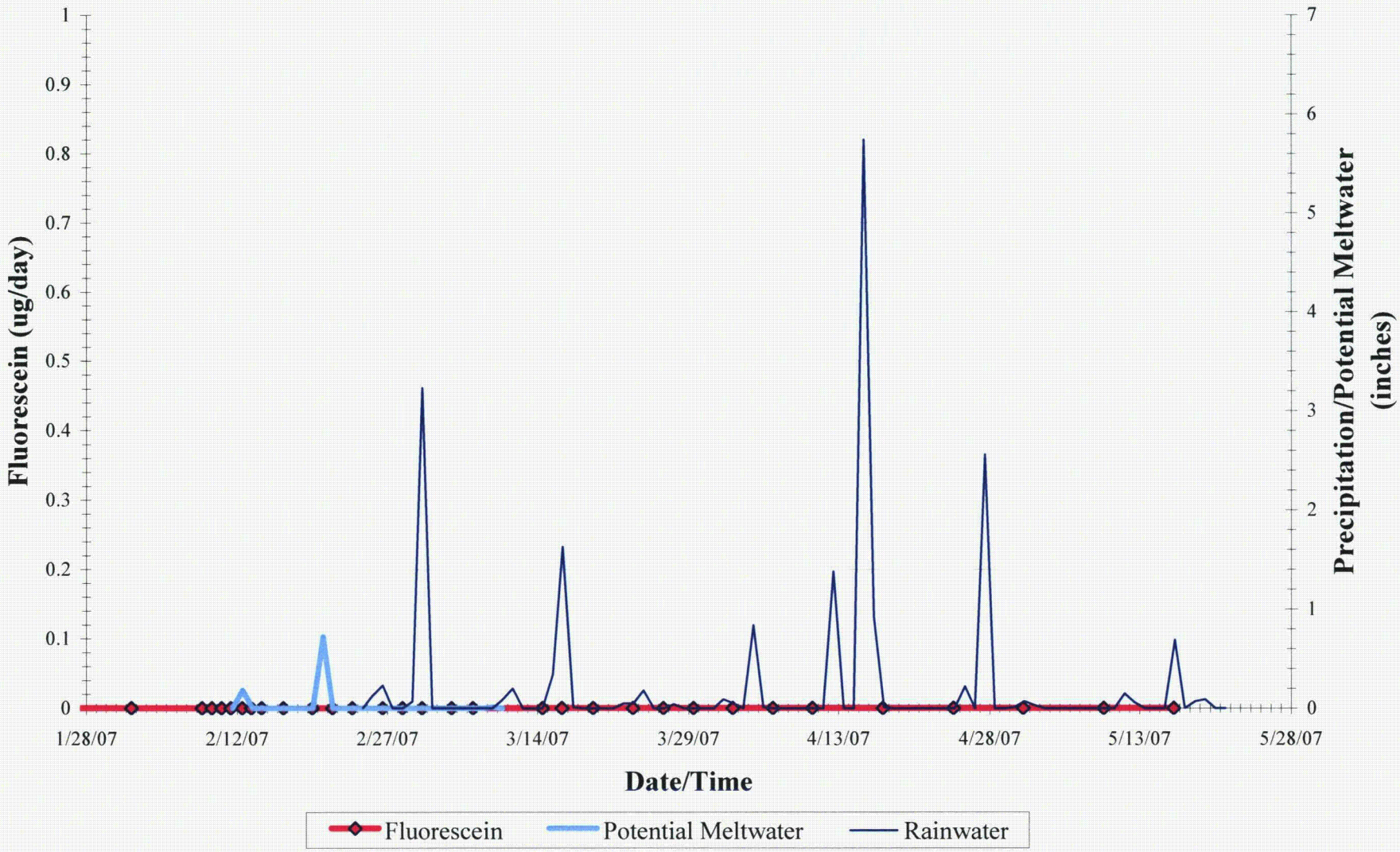
MW-62-182


Fluorescein (ug/day)
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Precipitation/Potential Meltwater (inches)
7
6
5
4
3
2
1
0
1/28/07
2/12/07
2/27/07
3/14/07
3/29/07
4/13/07
4/28/07
5/13/07
5/28/07
Date/Time
Fluorescein
Potential Meltwater
Rainwater

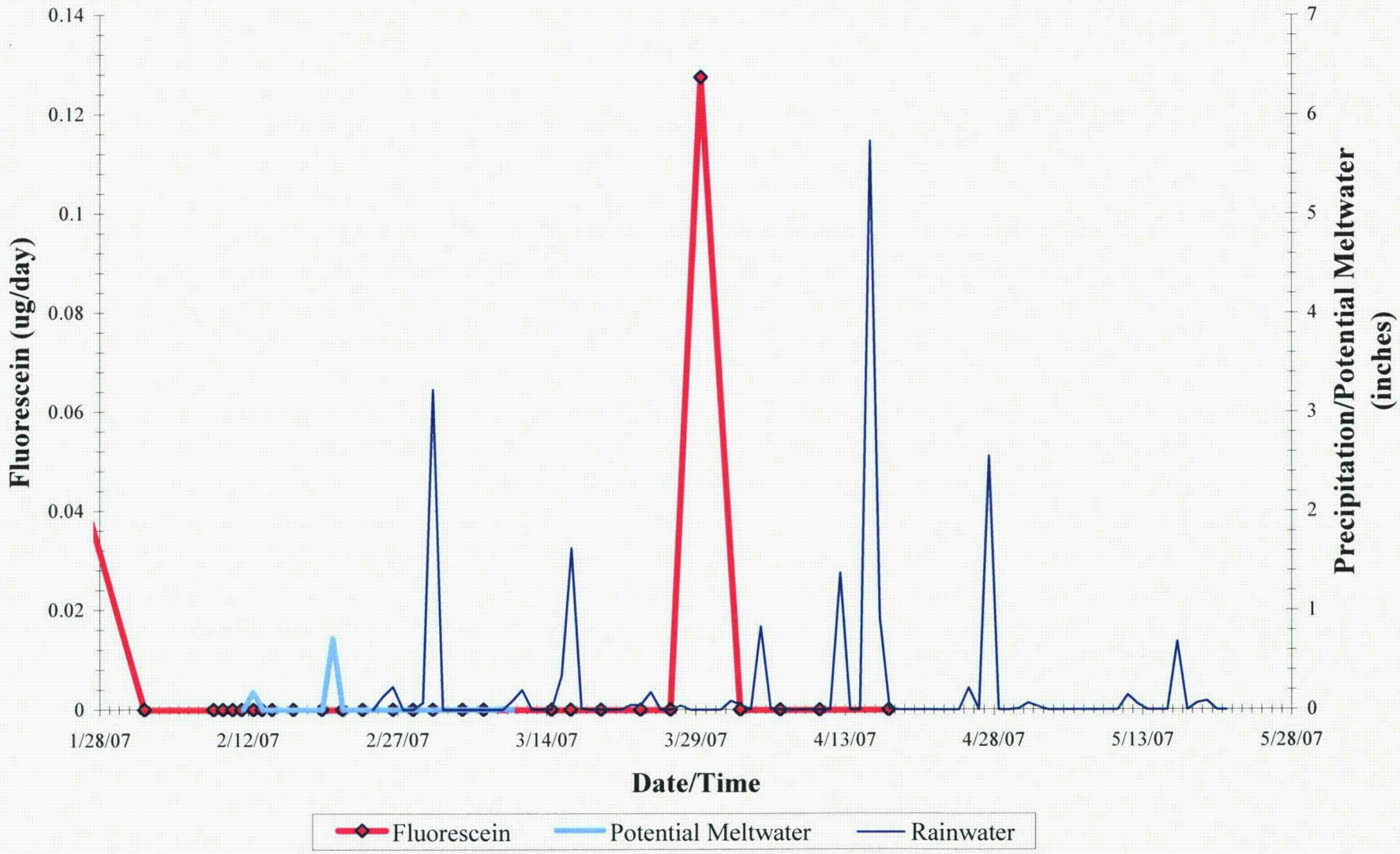
MW-63-18


Fluorescein (ug/day)
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Precipitation/Potential Meltwater (inches)
7
6
5
4
3
2
1
0
1/28/07
2/12/07
2/27/07
3/14/07
3/29/07
4/13/07
4/28/07
5/13/07
5/28/07
Date/Time
Fluorescein
Potential Meltwater
Rainwater

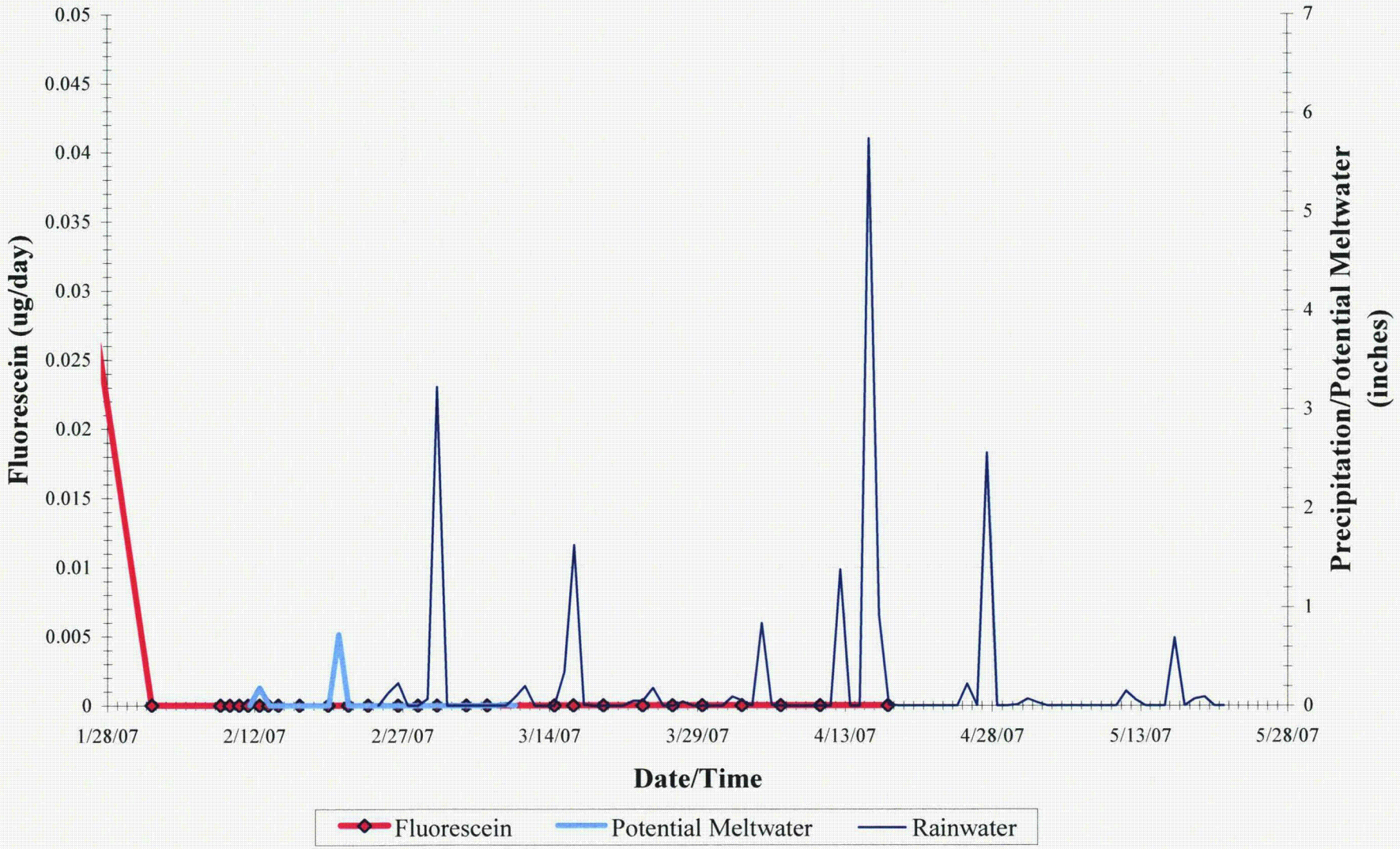
MW-63-35


Fluorescein (ug/day)
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Precipitation/Potential Meltwater (inches)
7
6
5
4
3
2
1
0
1/28/07
2/12/07
2/27/07
3/14/07
3/29/07
4/13/07
4/28/07
5/13/07
5/28/07
Date/Time
Fluorescein
Potential Meltwater
Rainwater

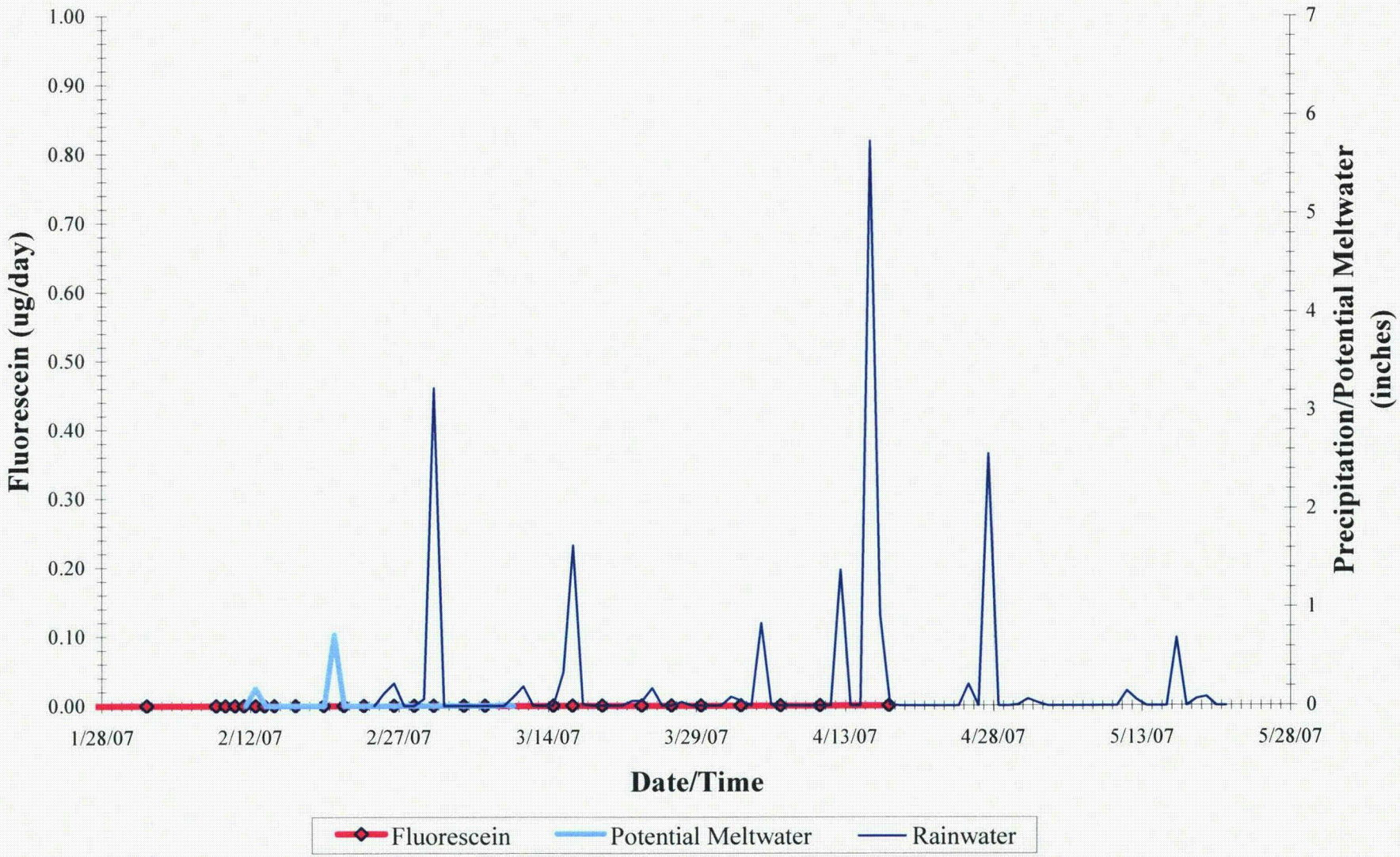
MW-63-52


0.14
0.12
0.1
0.08
0.06
0.04
0.02
0
Fluorescein (ug/day)
7
6
5
4
3
2
1
0
Precipitation/Potential Meltwater (inches)
1/28/07
2/12/07
2/27/07
3/14/07
3/29/07
4/13/07
4/28/07
5/13/07
5/28/07
Date/Time
Fluorescein
Potential Meltwater
Rainwater

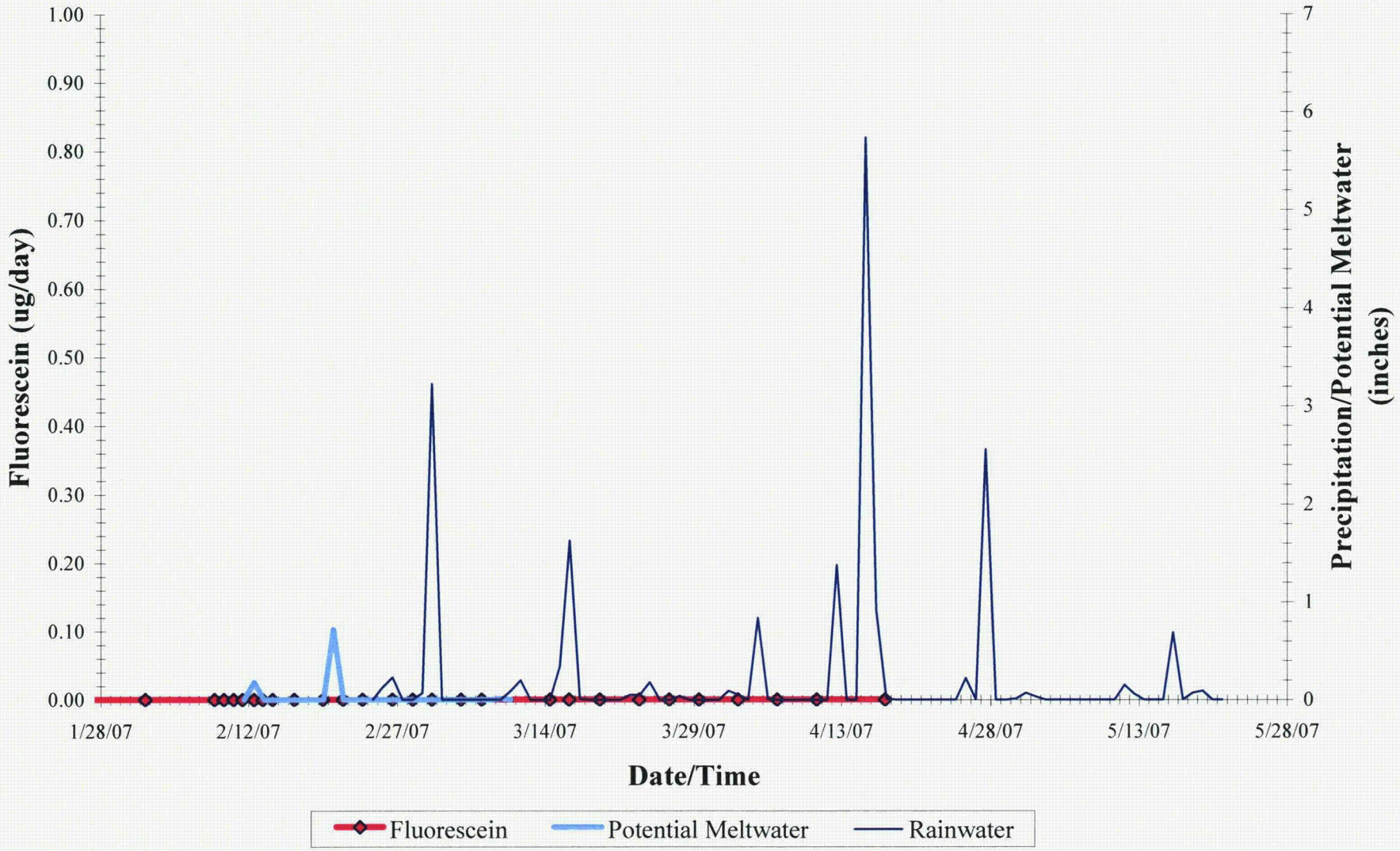
MW-63-85


Fluorescein (ug/day)
0.05
0.045
0.04
0.035
0.03
0.025
0.02
0.015
0.01
0.005
0
Precipitation/Potential Meltwater (inches)
7
6
5
4
3
2
1
0
1/28/07
2/12/07
2/27/07
3/14/07
3/29/07
4/13/07
4/28/07
5/13/07
5/28/07
Date/Time
Fluorescein
Potential Meltwater
Rainwater

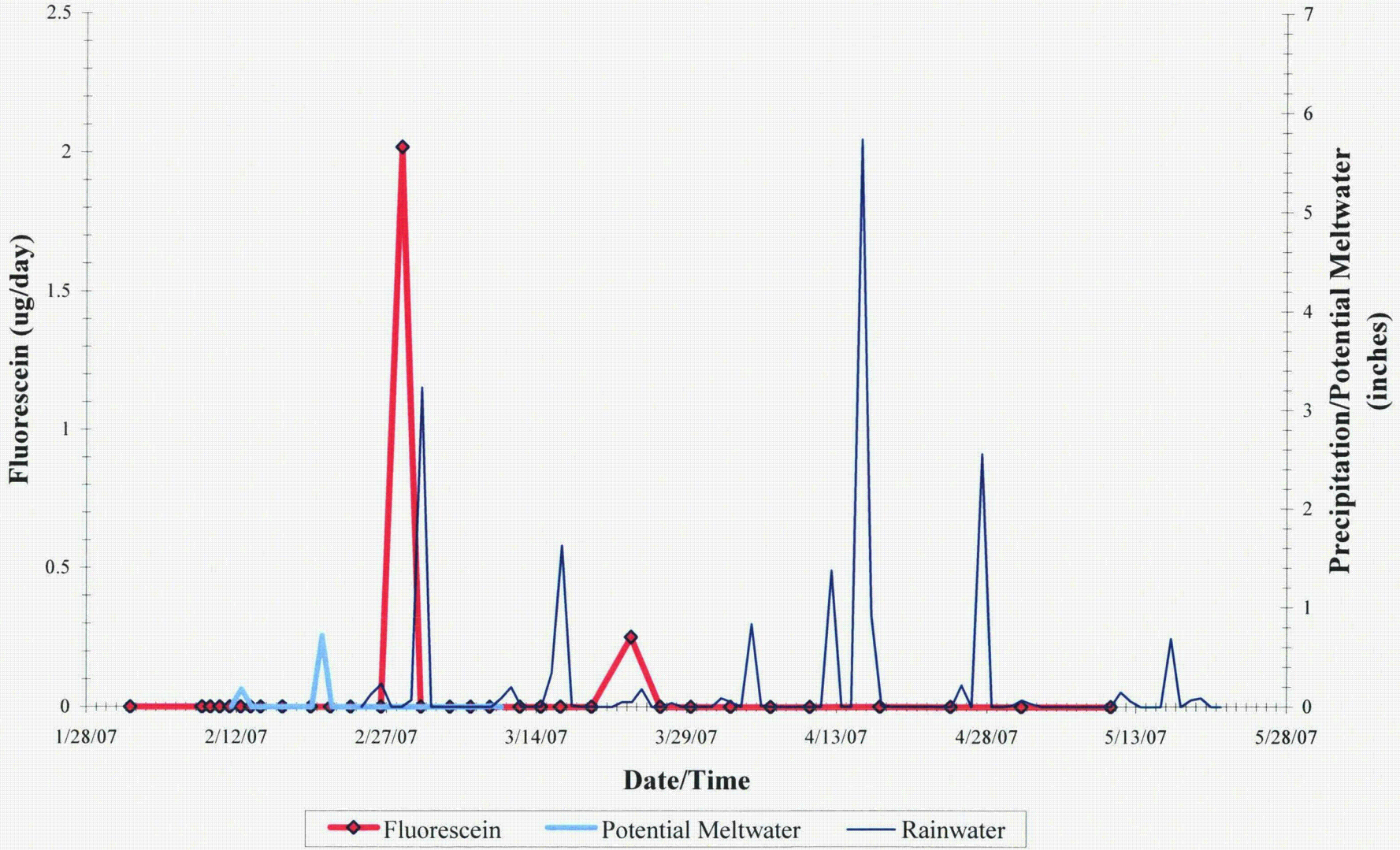
MW-63-125


1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
Fluorescein (ug/day)
7
6
5
4
3
2
1
0
Precipitation/Potential Meltwater (inches)
1/28/07
2/12/07
2/27/07
3/14/07
3/29/07
4/13/07
4/28/07
5/13/07
5/28/07
Date/Time
Fluorescein
Potential Meltwater
Rainwater

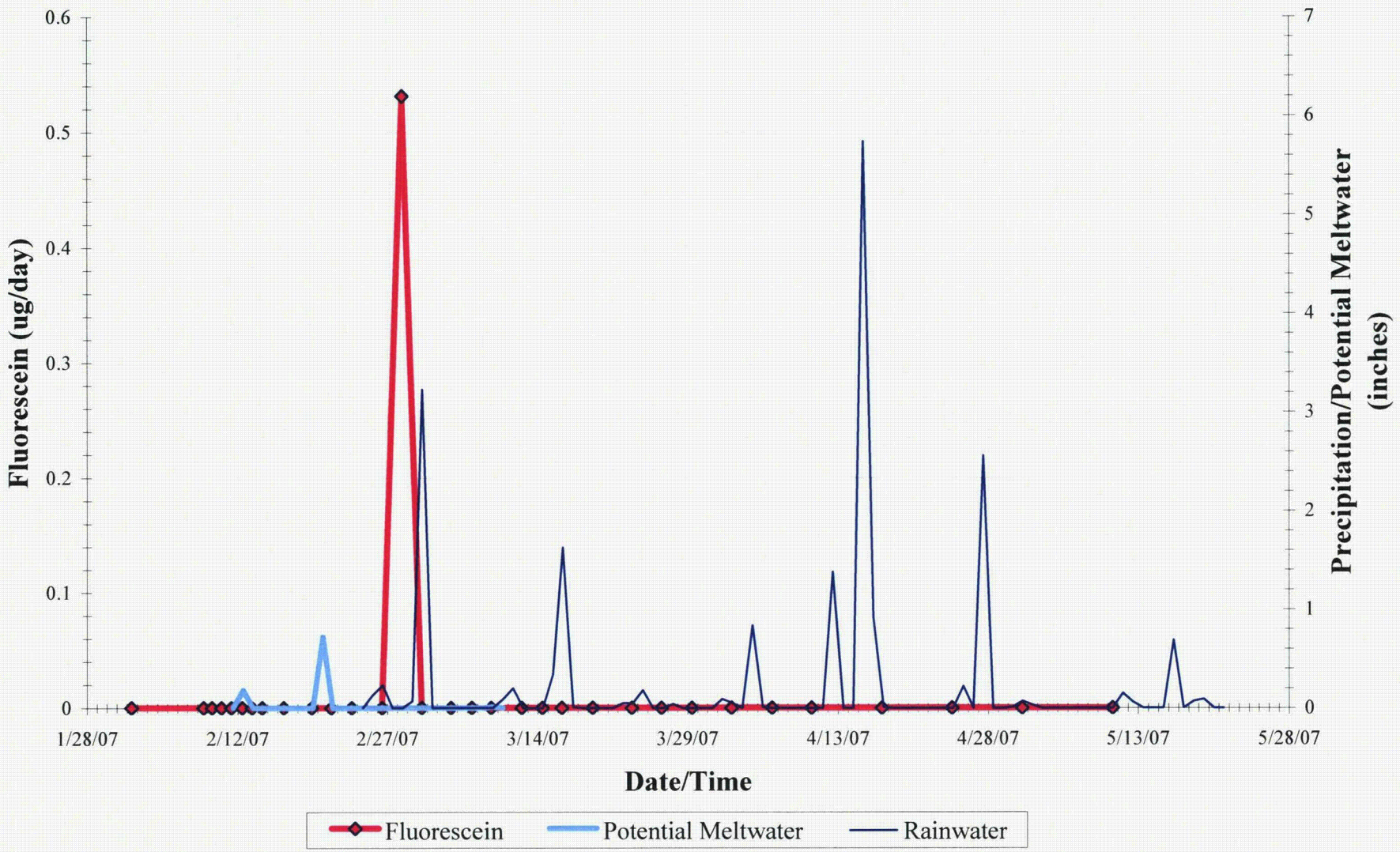
MW-63-177


1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
Fluorescein (ug/day)
7
6
5
4
3
2
1
0
Precipitation/Potential Meltwater (inches)
1/28/07
2/12/07
2/27/07
3/14/07
3/29/07
4/13/07
4/28/07
5/13/07
5/28/07
Date/Time
Fluorescein
Potential Meltwater
Rainwater

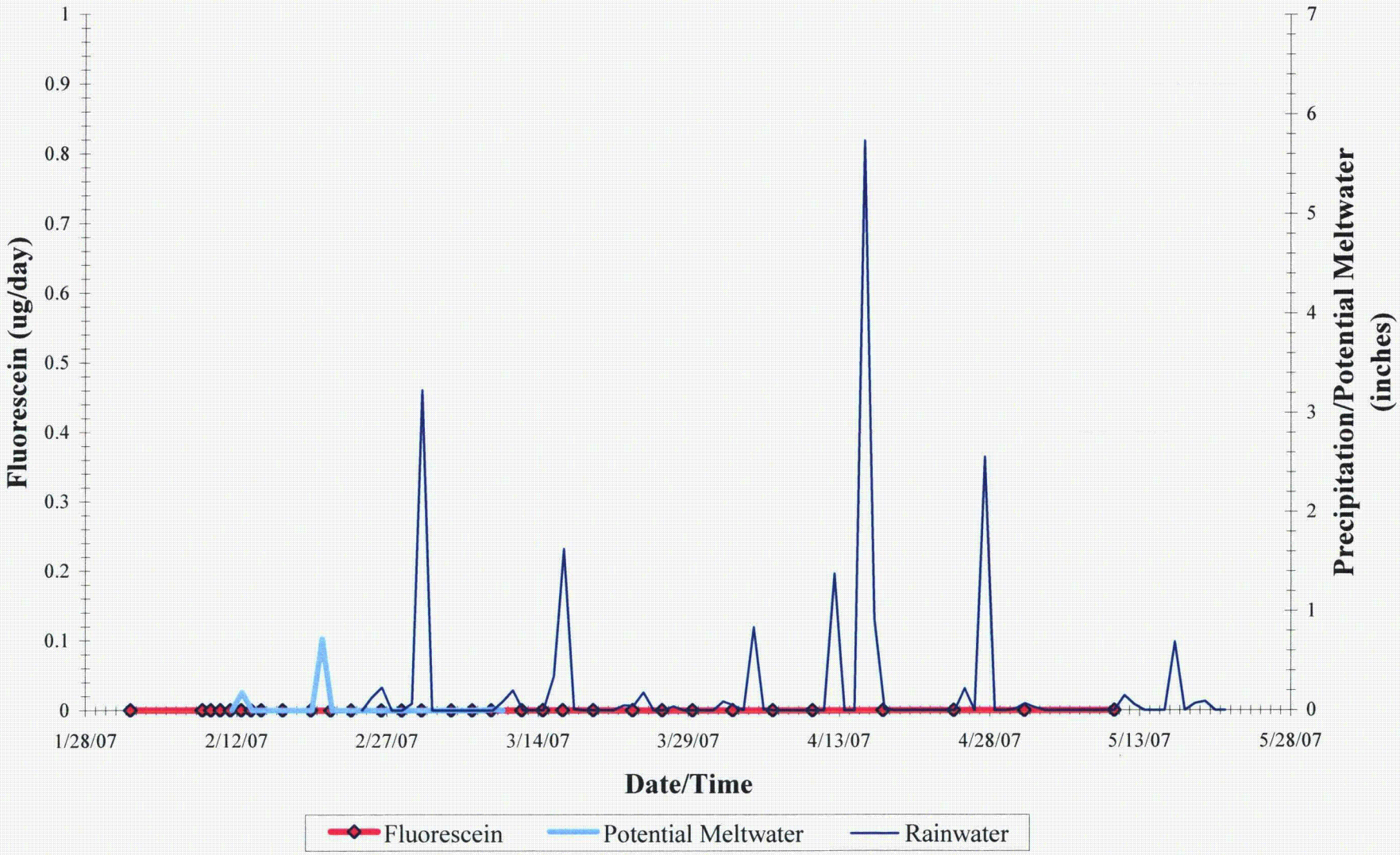
MW-66-50

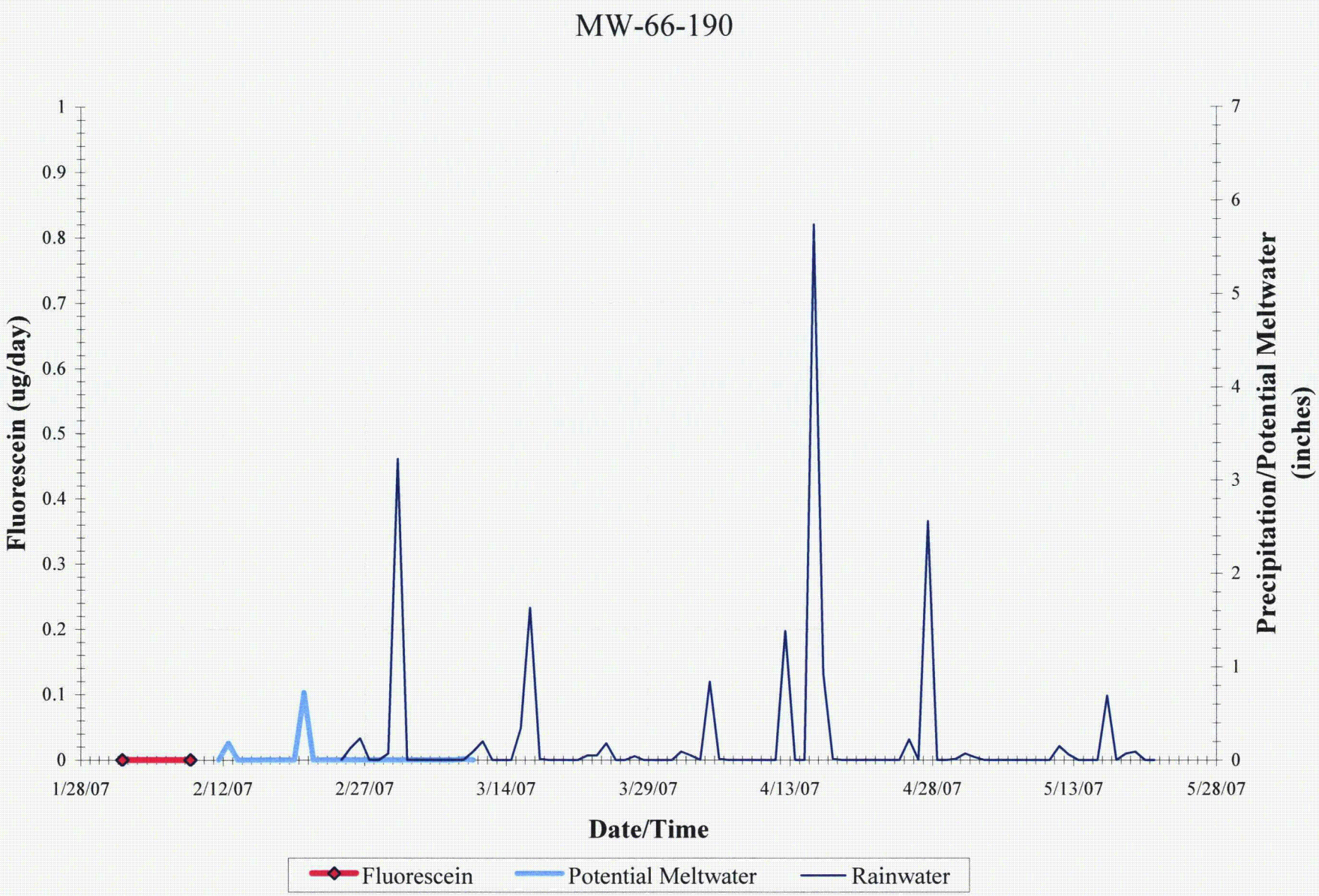

2.5
2
1.5
1
0.5
0
Fluorescein (ug/day)
7
6
5
4
3
2
1
0
Precipitation/Potential Meltwater (inches)
1/28/07
2/12/07
2/27/07
3/14/07
3/29/07
4/13/07
4/28/07
5/13/07
5/28/07
Date/Time
Fluorescein
Potential Meltwater
Rainwater

MW-66-115

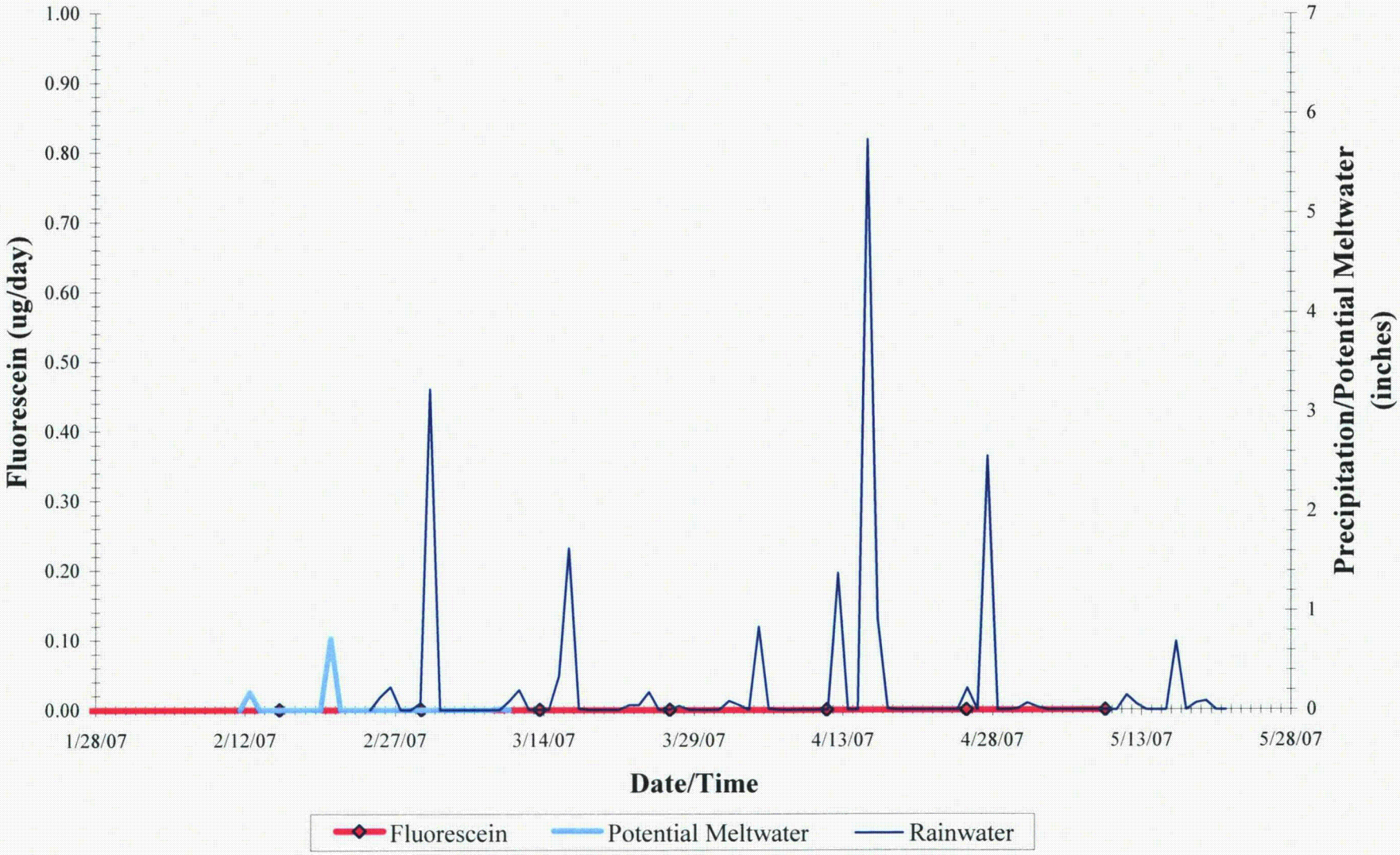

0.6
0.5
0.4
0.3
0.2
0.1
0
Fluorescein (ug/day)
7
6
5
4
3
2
1
0
Precipitation/Potential Meltwater (inches)
1/28/07
2/12/07
2/27/07
3/14/07
3/29/07
4/13/07
4/28/07
5/13/07
5/28/07
Date/Time
Fluorescein
Potential Meltwater
Rainwater

MW-66-135

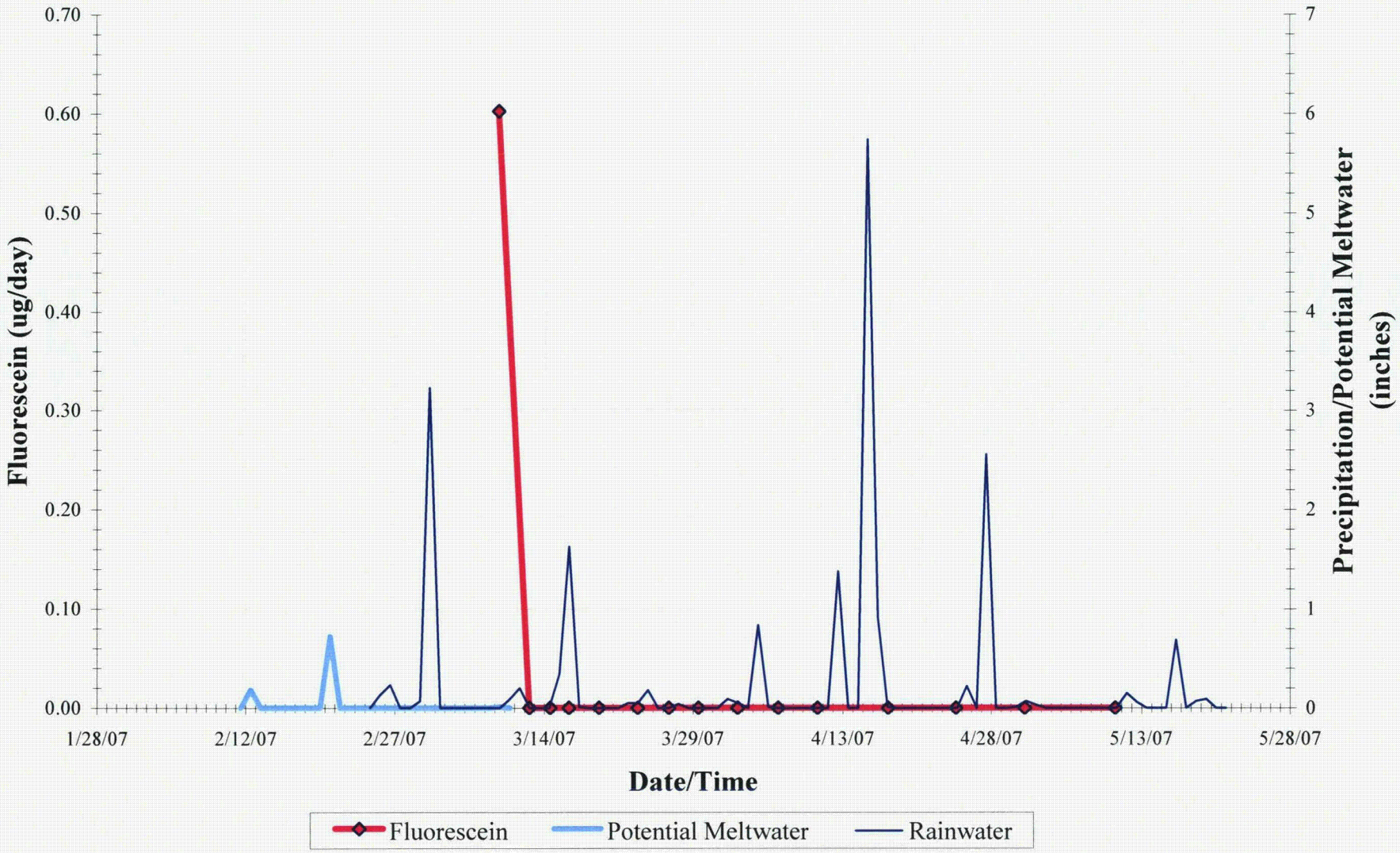

Fluorescein (ug/day)
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Precipitation/Potential Meltwater (inches)
7
6
5
4
3
2
1
0
1/28/07
2/12/07
2/27/07
3/14/07
3/29/07
4/13/07
4/28/07
5/13/07
5/28/07
Date/Time
Fluorescein
Potential Meltwater
Rainwater


MW-66-190
Fluorescein (ug/day)
Precipitation/Potential Meltwater (inches)
Date/Time
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
7
6
5
4
3
2
1
0
1/28/07
2/12/07
2/27/07
3/14/07
3/29/07
4/13/07
4/28/07
5/13/07
5/28/07
Fluorescein
Potential Meltwater
Rainwater

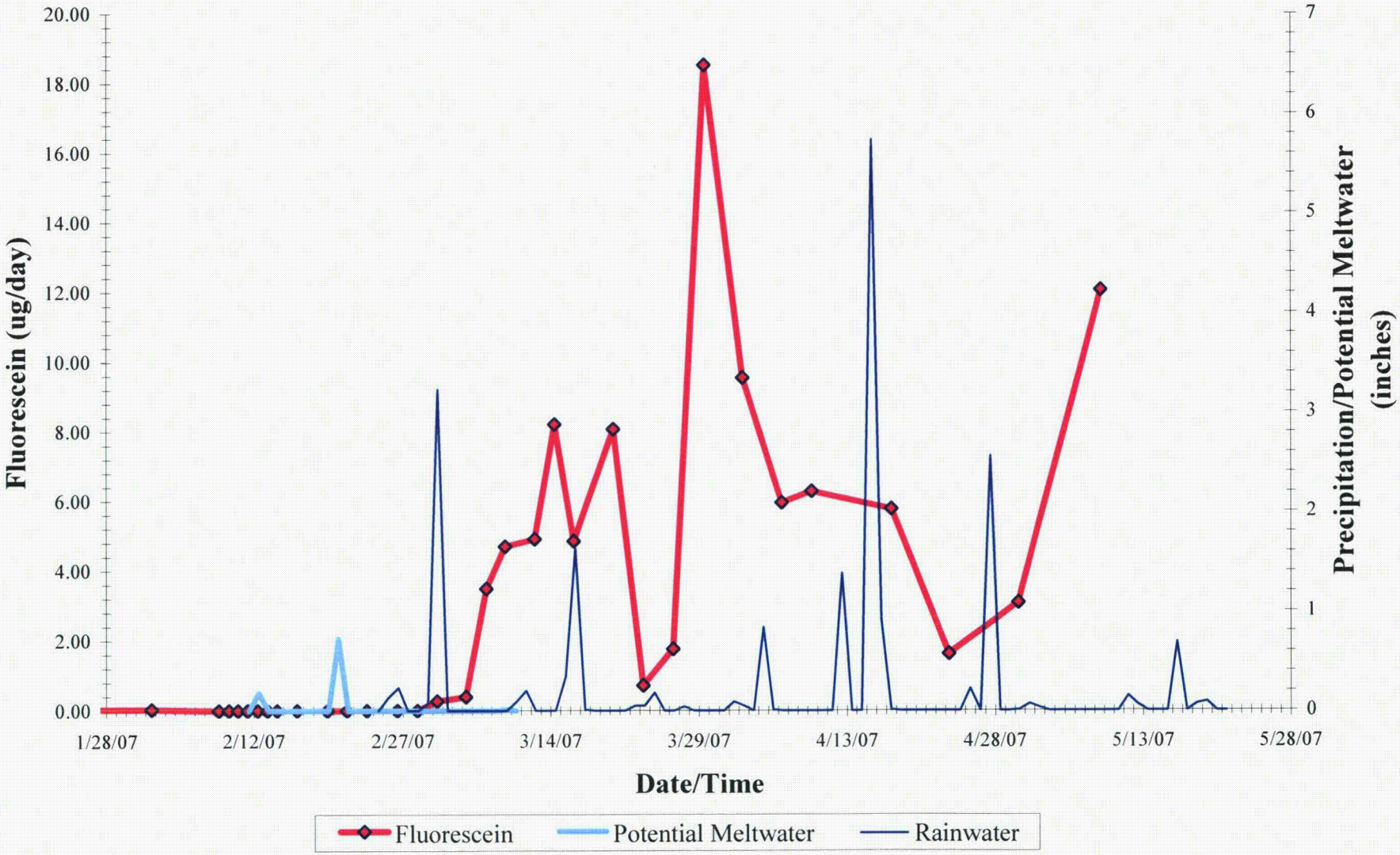
MW-107

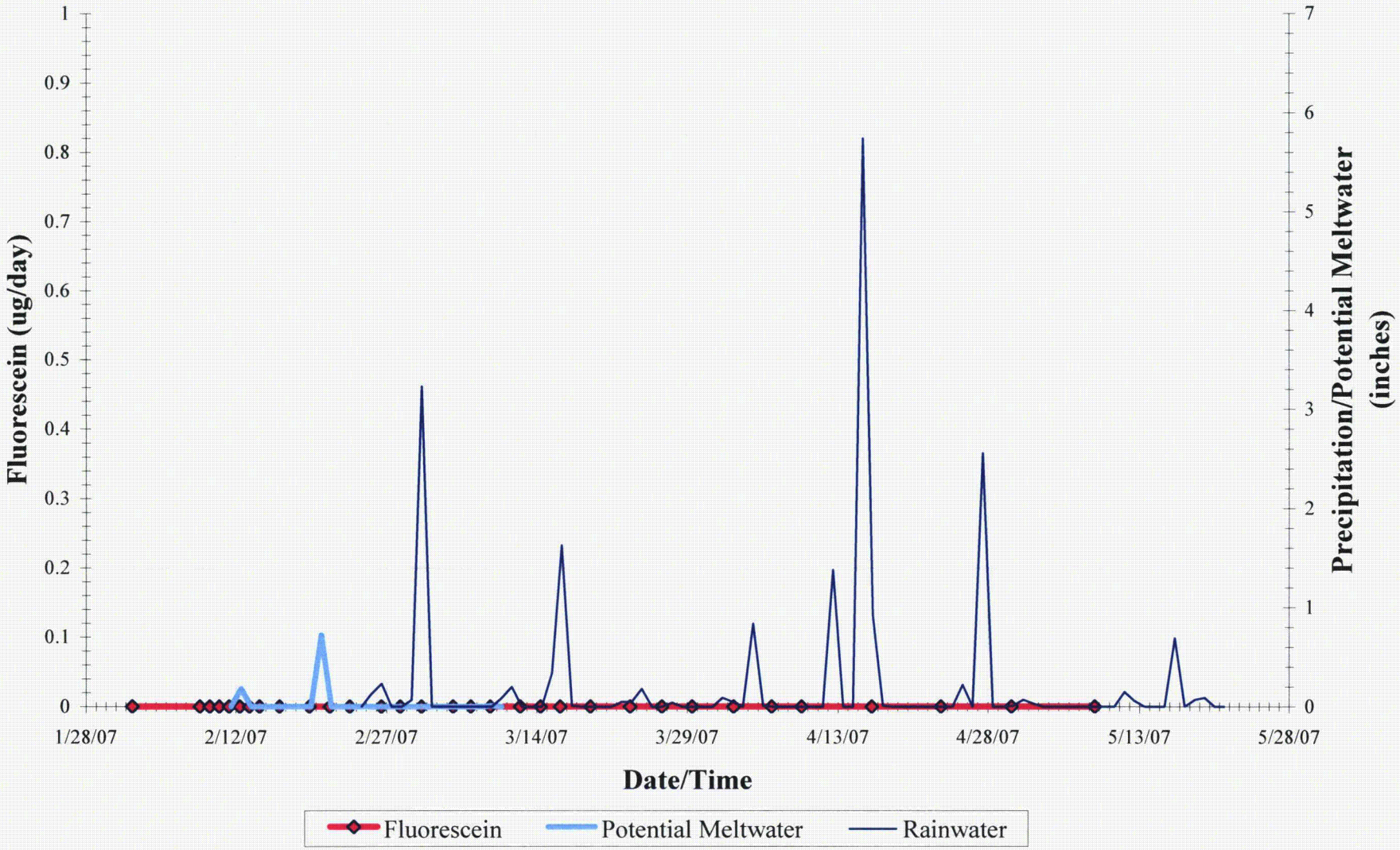

1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
Fluorescein (ug/day)
7
6
5
4
3
2
1
0
Precipitation/Potential Meltwater (inches)
1/28/07
2/12/07
2/27/07
3/14/07
3/29/07
4/13/07
4/28/07
5/13/07
5/28/07
Date/Time
Fluorescein
Potential Meltwater
Rainwater

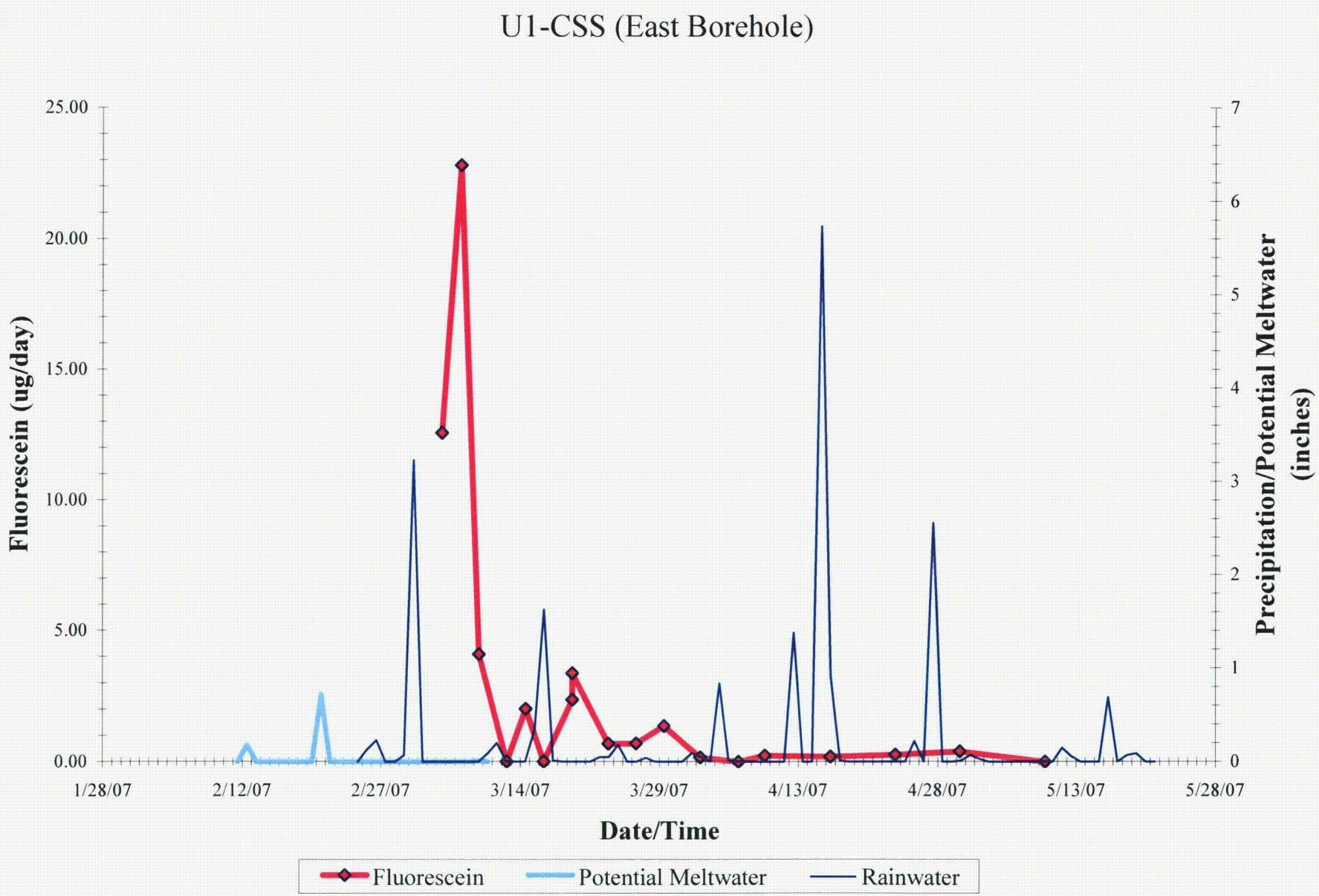
MW-108

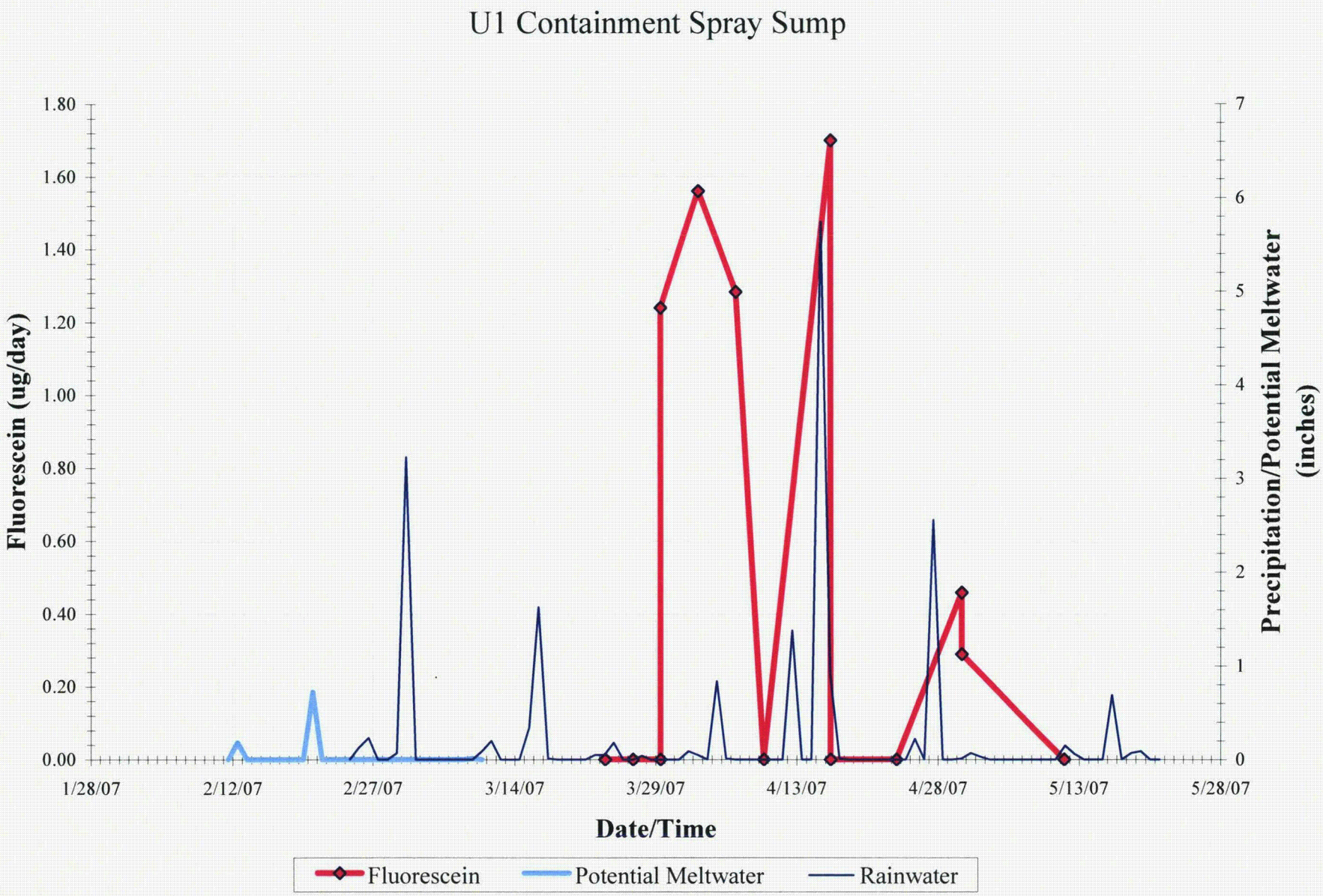

0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
Fluorescein (ug/day)
7
6
5
4
3
2
1
0
Precipitation/Potential Meltwater (inches)
1/28/07
2/12/07
2/27/07
3/14/07
3/29/07
4/13/07
4/28/07
5/13/07
5/28/07
Date/Time
Fluorescein
Potential Meltwater
Rainwater

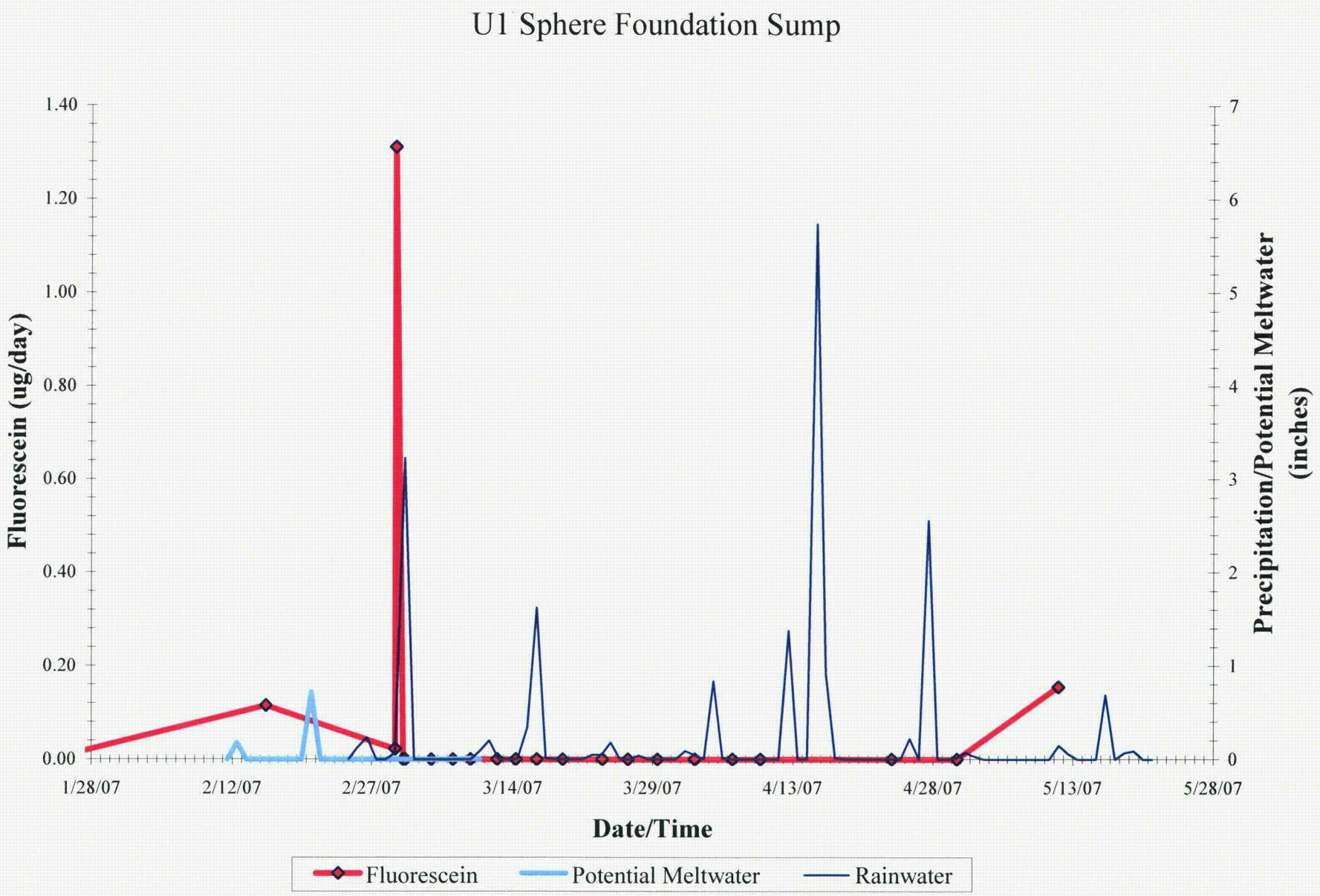
MW-111


Fluorescein (ug/day)
20.00
18.00
16.00
14.00
12.00
10.00
8.00
6.00
4.00
2.00
0.00
Precipitation/Potential Meltwater (inches)
7
6
5
4
3
2
1
0
1/28/07
2/12/07
2/27/07
3/14/07
3/29/07
4/13/07
4/28/07
5/13/07
5/28/07
Date/Time
Fluorescein
Potential Meltwater
Rainwater

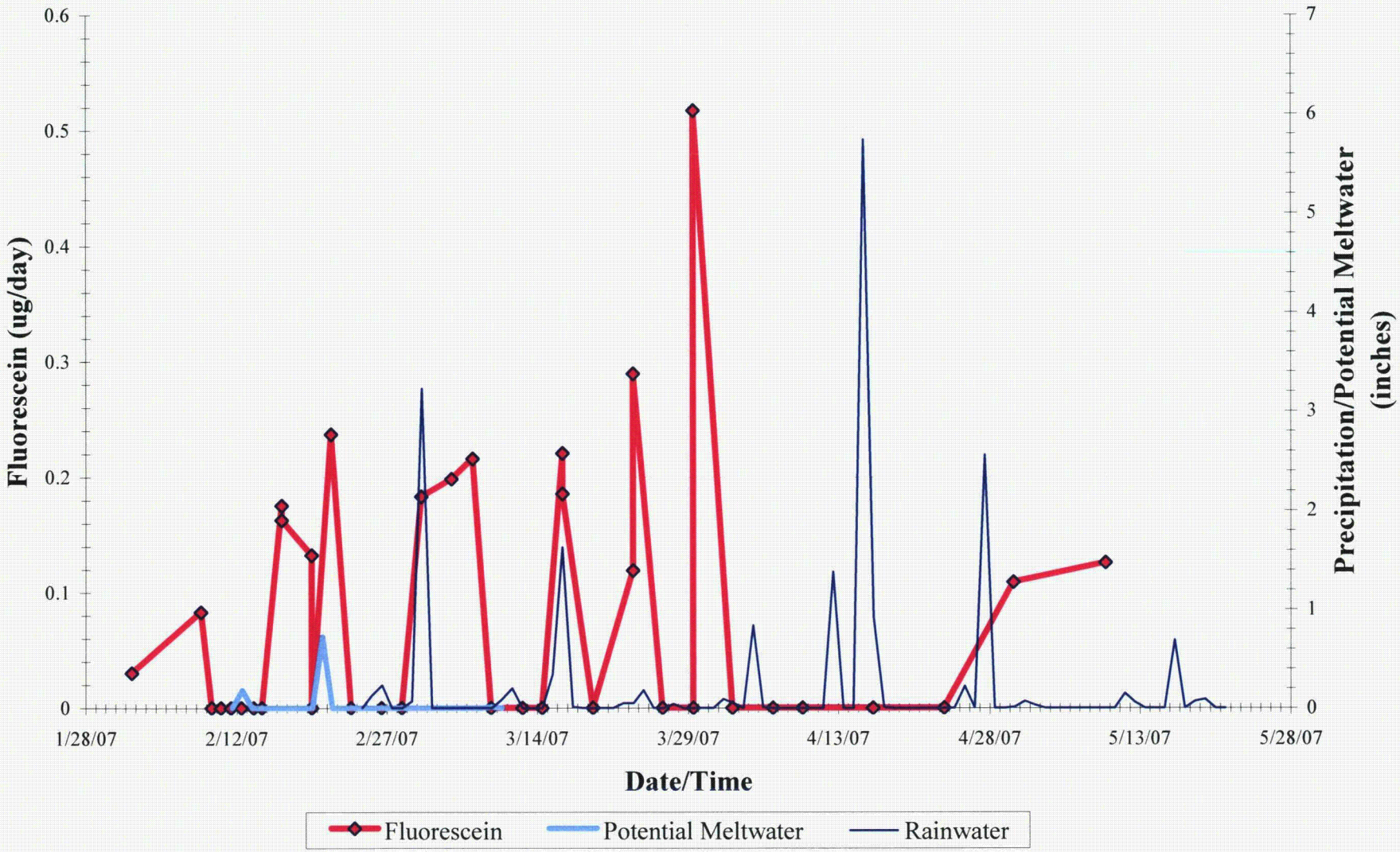

Fluorescein (ug/day)
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Precipitation/Potential Meltwater (inches)
7
6
5
4
3
2
1
0
1/28/07
2/12/07
2/27/07
3/14/07
3/29/07
4/13/07
4/28/07
5/13/07
5/28/07
Date/Time
Fluorescein
Potential Meltwater
Rainwater

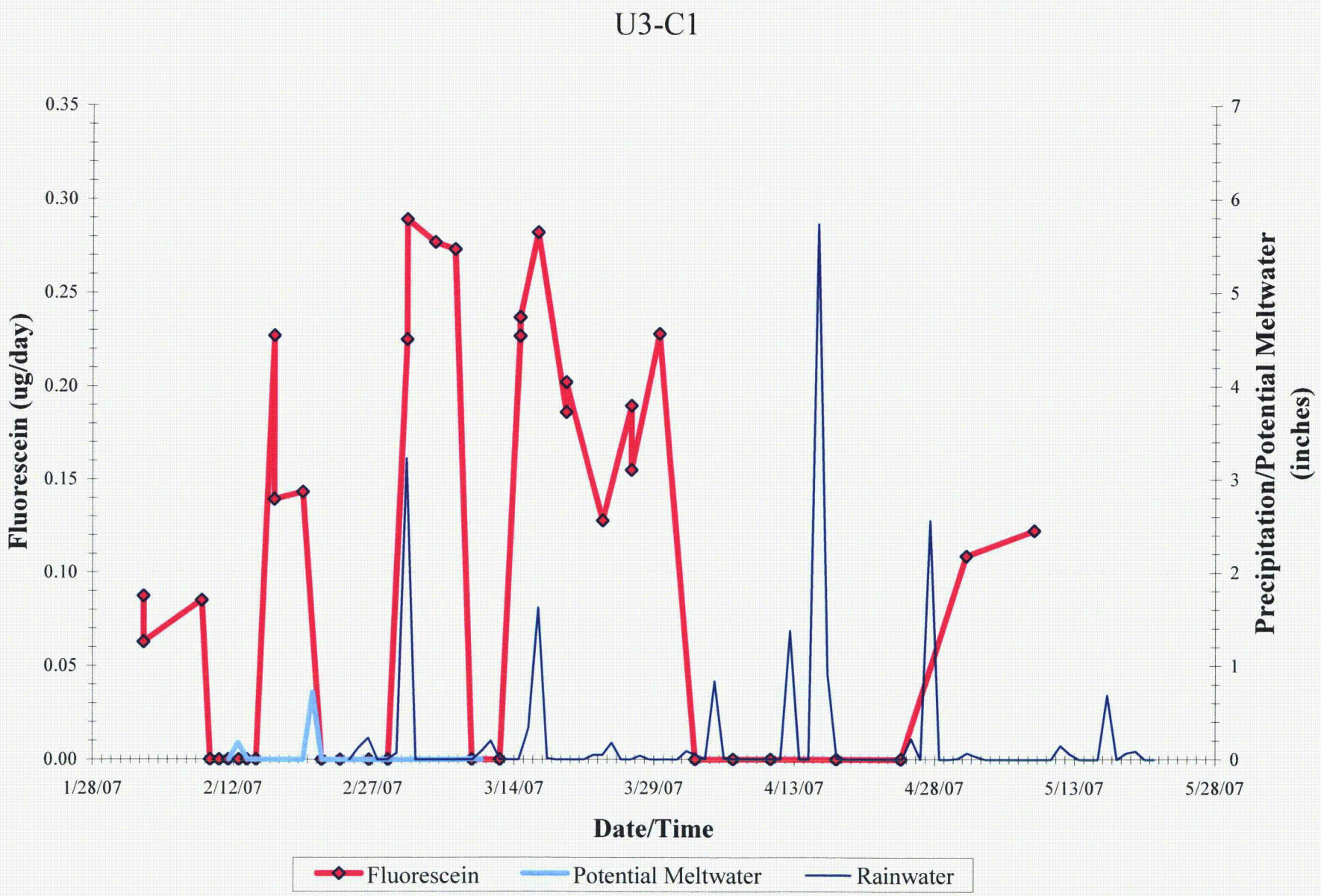

U1-CSS (East Borehole)
Fluorescein (ug/day)
25.00
20.00
15.00
10.00
5.00
0.00
Precipitation/Potential Meltwater (inches)
7
6
5
4
3
2
1
0
1/28/07
2/12/07
2/27/07
3/14/07
3/29/07
4/13/07
4/28/07
5/13/07
5/28/07
Date/Time
Fluorescein
Potential Meltwater
Rainwater


U1 Containment Spray Sump
Fluorescein (ug/day)
1.80
1.60
1.40
1.20
1.00
0.80
0.60
0.40
0.20
0.00
Precipitation/Potential Meltwater (inches)
7
6
5
4
3
2
1
0
1/28/07
2/12/07
2/27/07
3/14/07
3/29/07
4/13/07
4/28/07
5/13/07
5/28/07
Date/Time
Fluorescein
Potential Meltwater
Rainwater

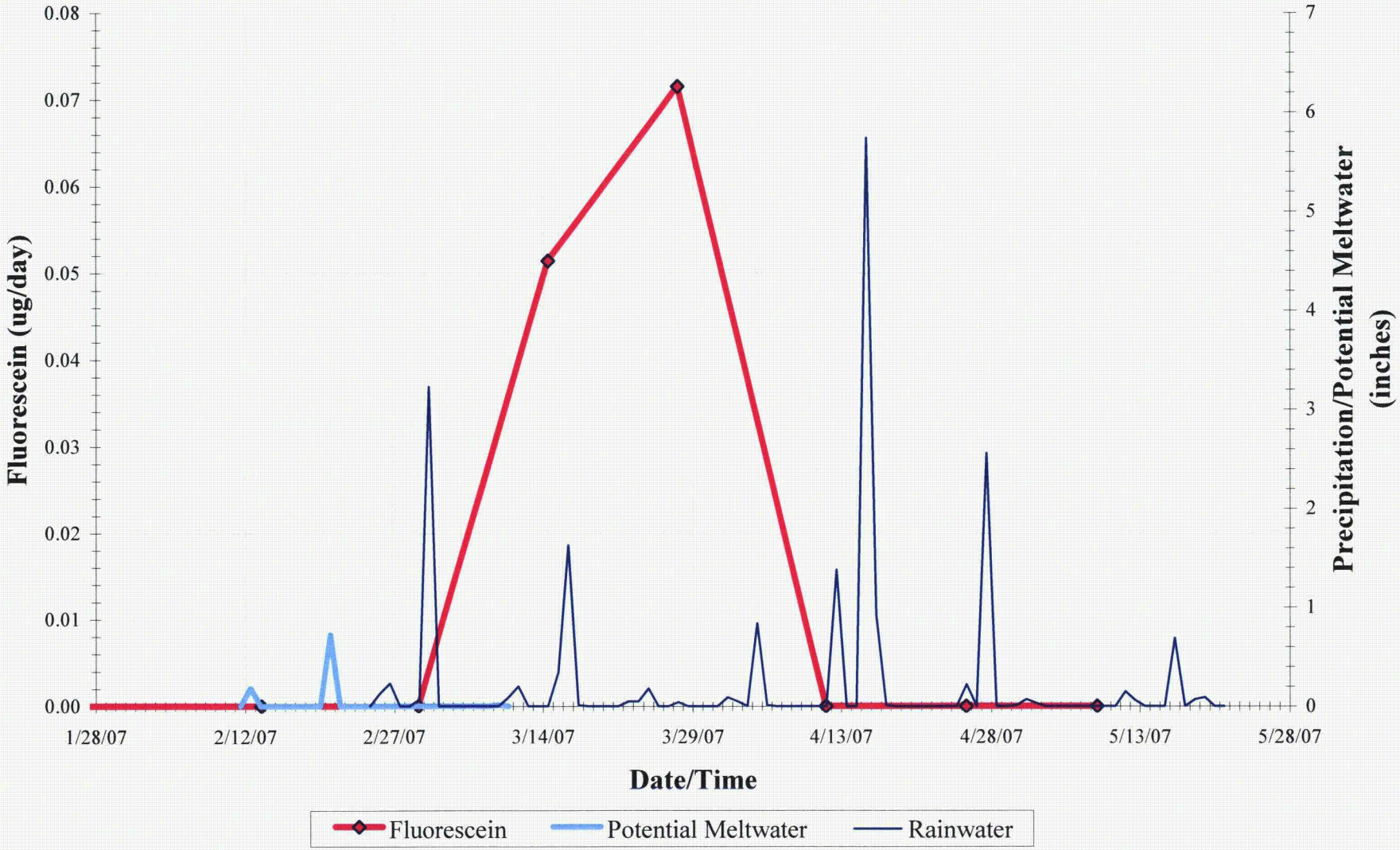

U1 Sphere Foundation Sump
Fluorescein (ug/day)
1.40
1.20
1.00
0.80
0.60
0.40
0.20
0.00
Precipitation/Potential Meltwater (inches)
7
6
5
4
3
2
1
0
1/28/07
2/12/07
2/27/07
3/14/07
3/29/07
4/13/07
4/28/07
5/13/07
5/28/07
Date/Time
Fluorescein
Potential Meltwater
Rainwater

U2-C1

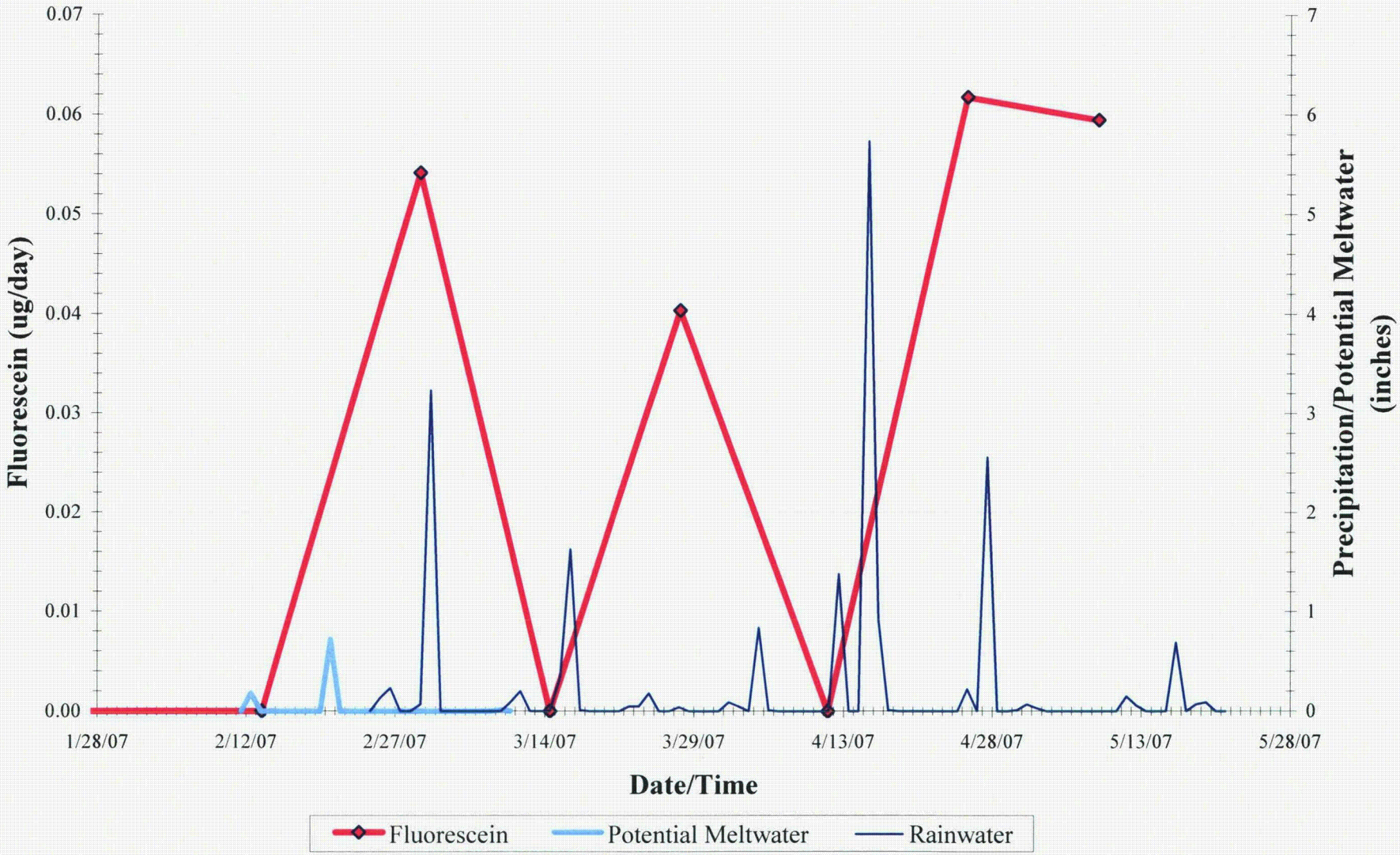

0.6
0.5
0.4
0.3
0.2
0.1
0
Fluorescein (ug/day)
7
6
5
4
3
2
1
0
Precipitation/Potential Meltwater (inches)
1/28/07
2/12/07
2/27/07
3/14/07
3/29/07
4/13/07
4/28/07
5/13/07
5/28/07
Date/Time
Fluorescein
Potential Meltwater
Rainwater

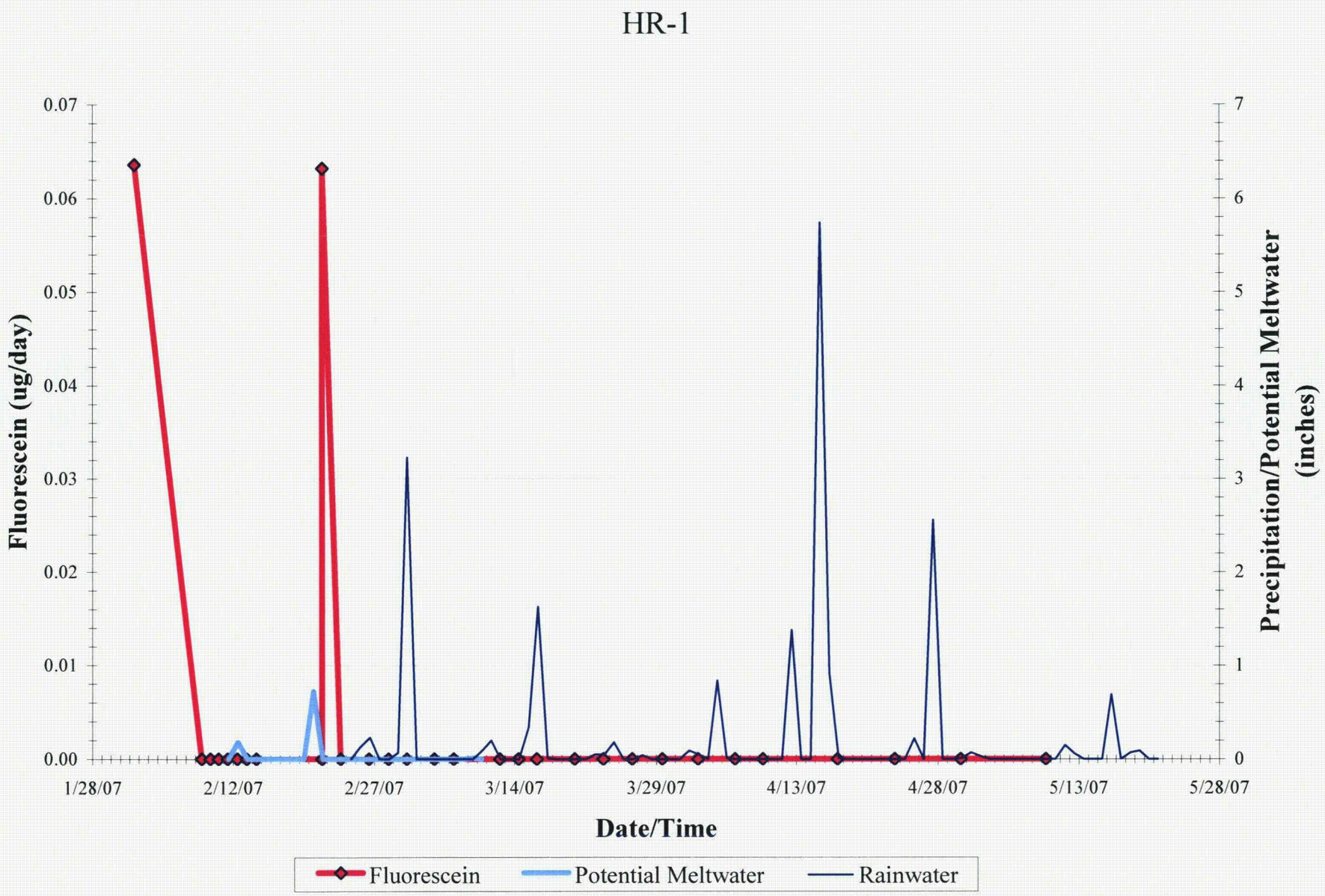

U3-C1
Fluorescein (ug/day)
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
Precipitation/Potential Meltwater (inches)
7
6
5
4
3
2
1
0
1/28/07
2/12/07
2/27/07
3/14/07
3/29/07
4/13/07
4/28/07
5/13/07
5/28/07
Date/Time
Fluorescein
Potential Meltwater
Rainwater

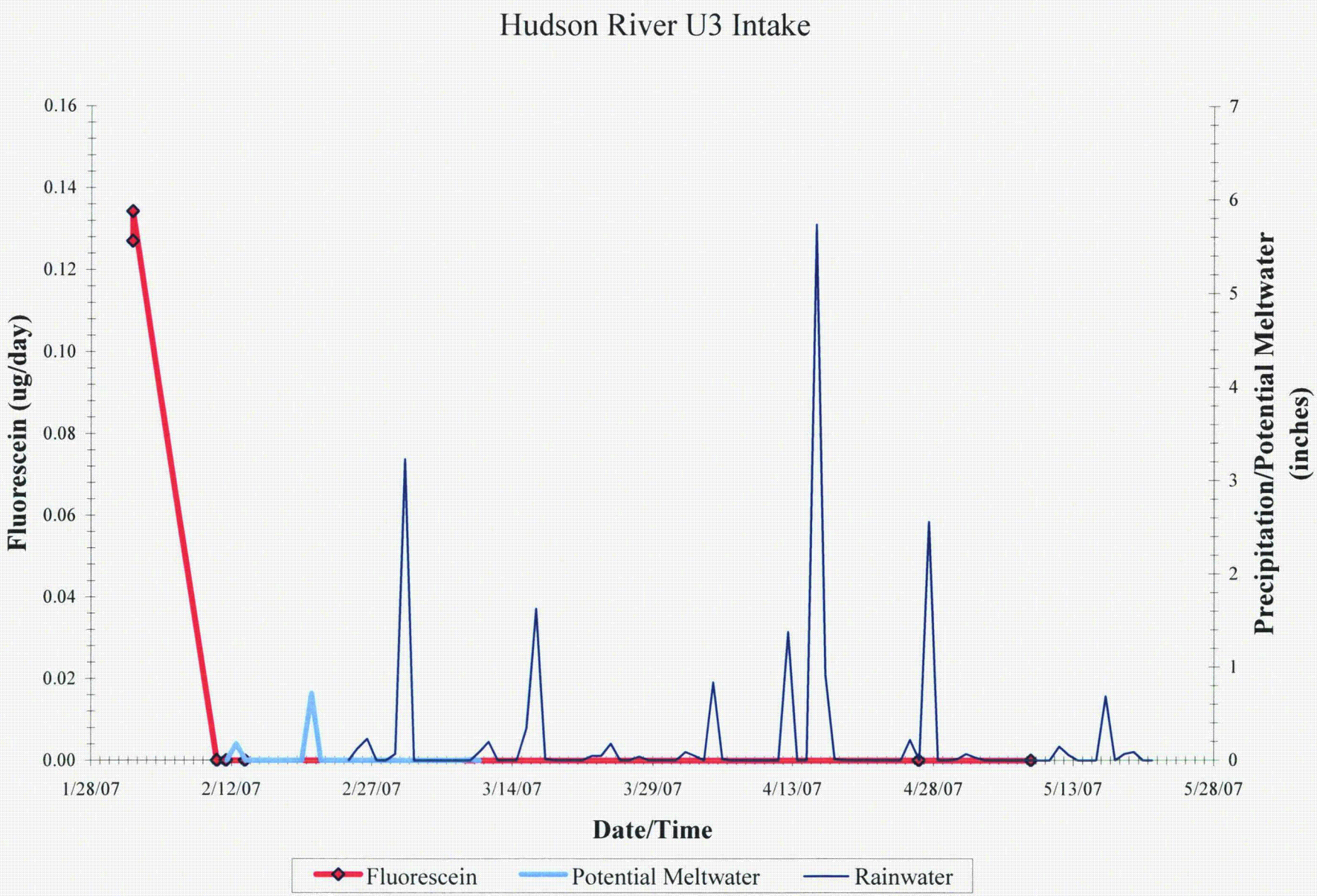
U3-3

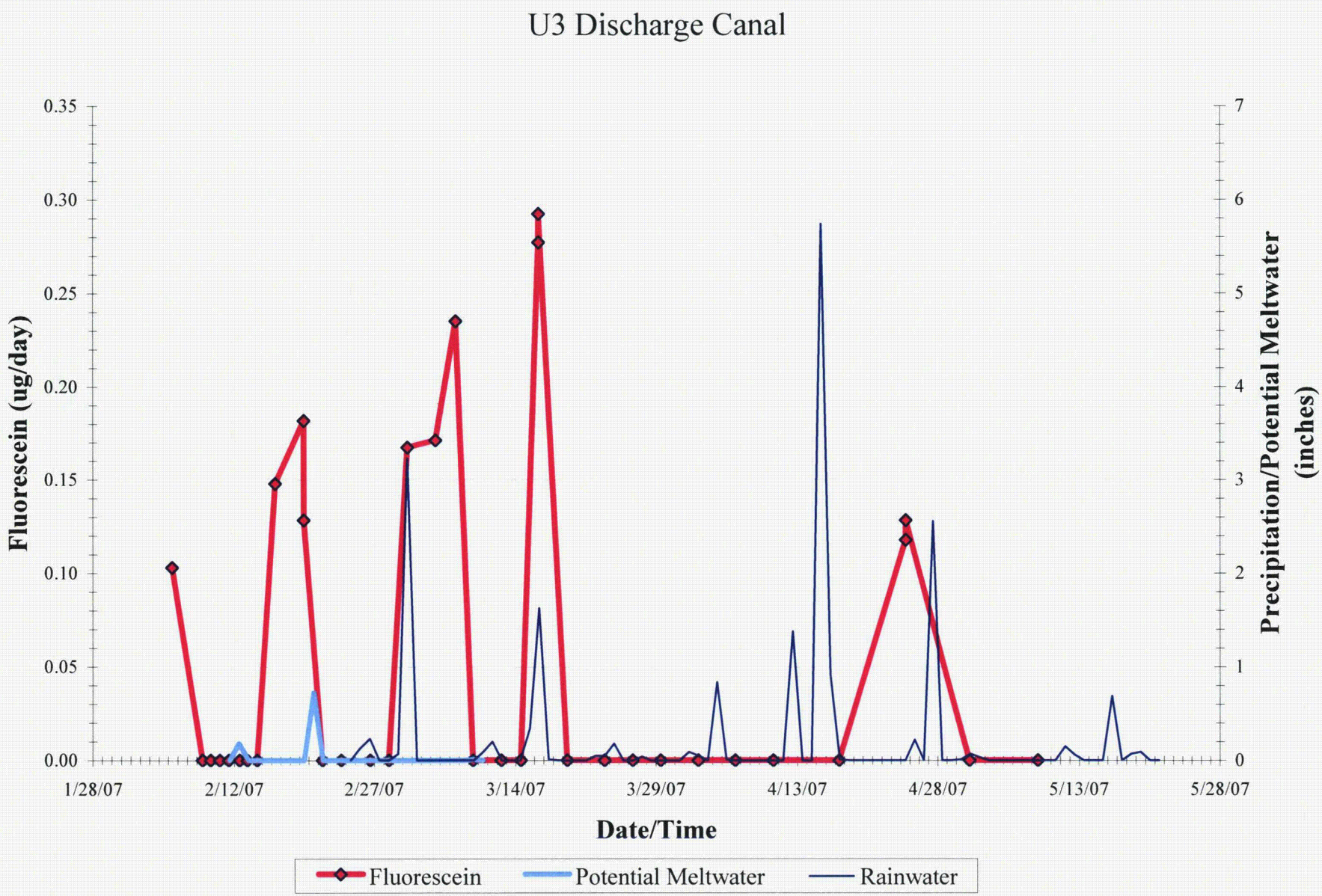

0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
Fluorescein (ug/day)
7
6
5
4
3
2
1
0
Precipitation/Potential Meltwater (inches)
1/28/07
2/12/07
2/27/07
3/14/07
3/29/07
4/13/07
4/28/07
5/13/07
5/28/07
Date/Time
Fluorescein
Potential Meltwater
Rainwater

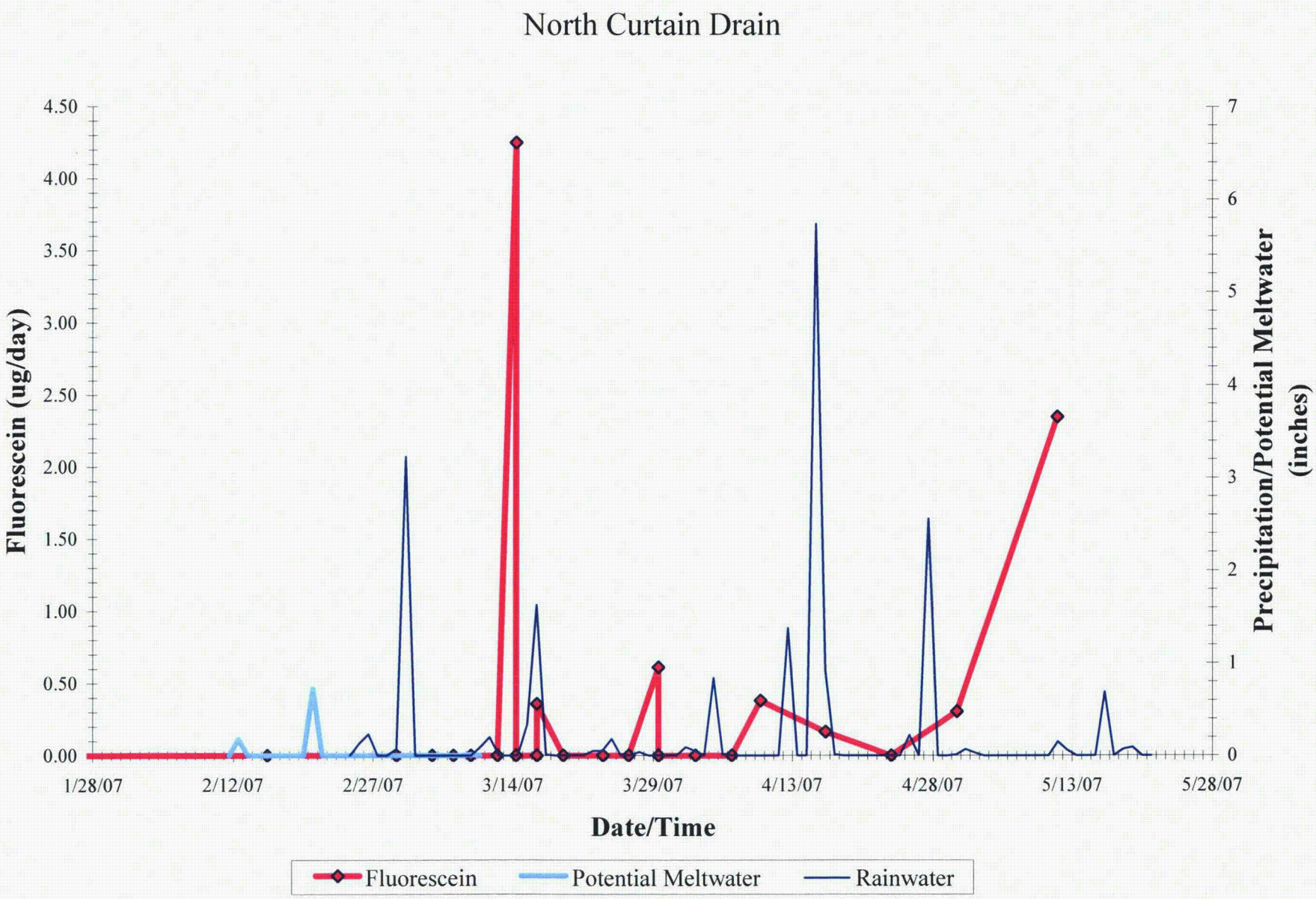
U3-4D


0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
Fluorescein (ug/day)
7
6
5
4
3
2
1
0
Precipitation/Potential Meltwater (inches)
1/28/07
2/12/07
2/27/07
3/14/07
3/29/07
4/13/07
4/28/07
5/13/07
5/28/07
Date/Time
Fluorescein
Potential Meltwater
Rainwater

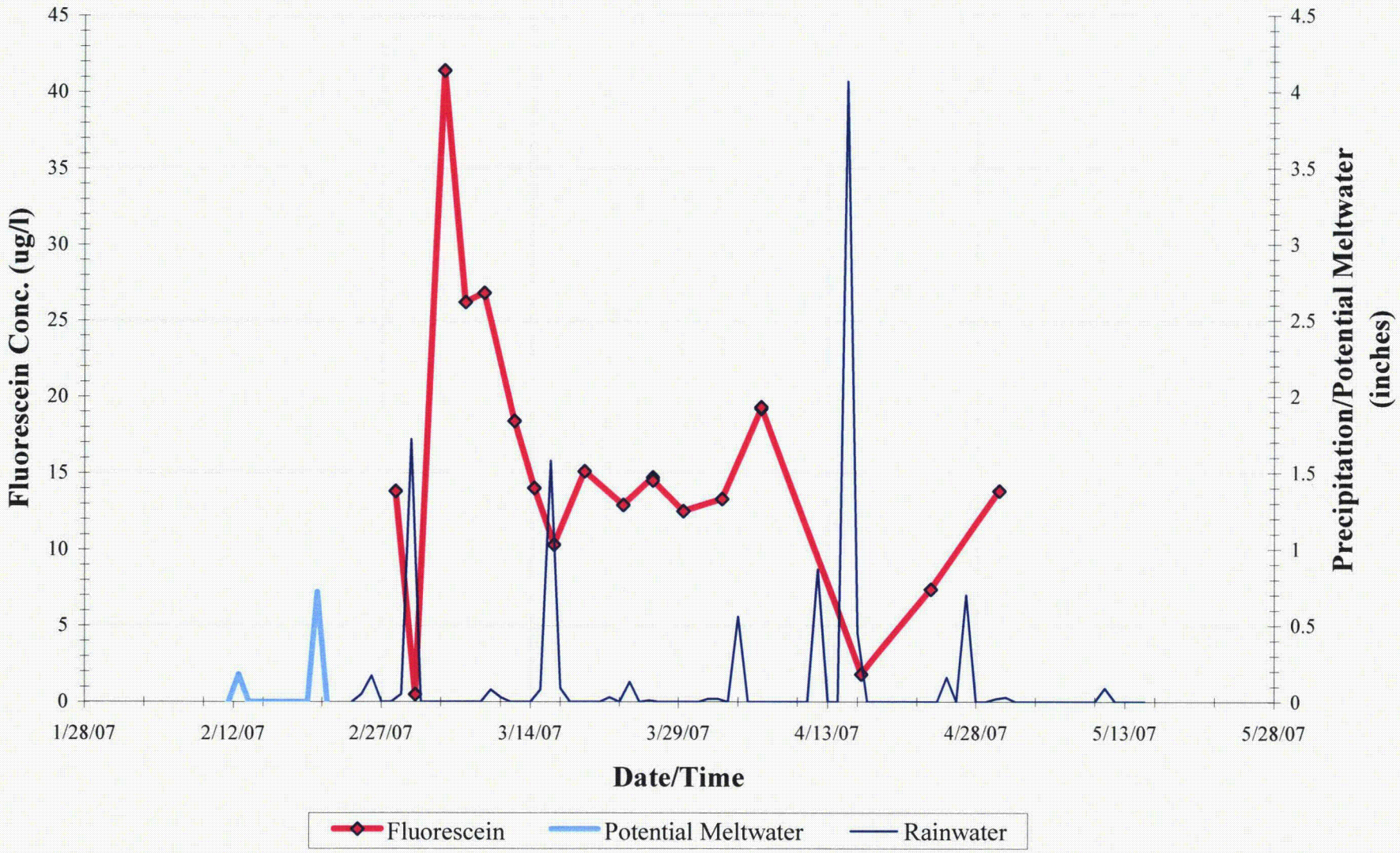

HR-1
Fluorescein (ug/day)
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
Precipitation/Potential Meltwater (inches)
7
6
5
4
3
2
1
0
1/28/07
2/12/07
2/27/07
3/14/07
3/29/07
4/13/07
4/28/07
5/13/07
5/28/07
Date/Time
Fluorescein
Potential Meltwater
Rainwater

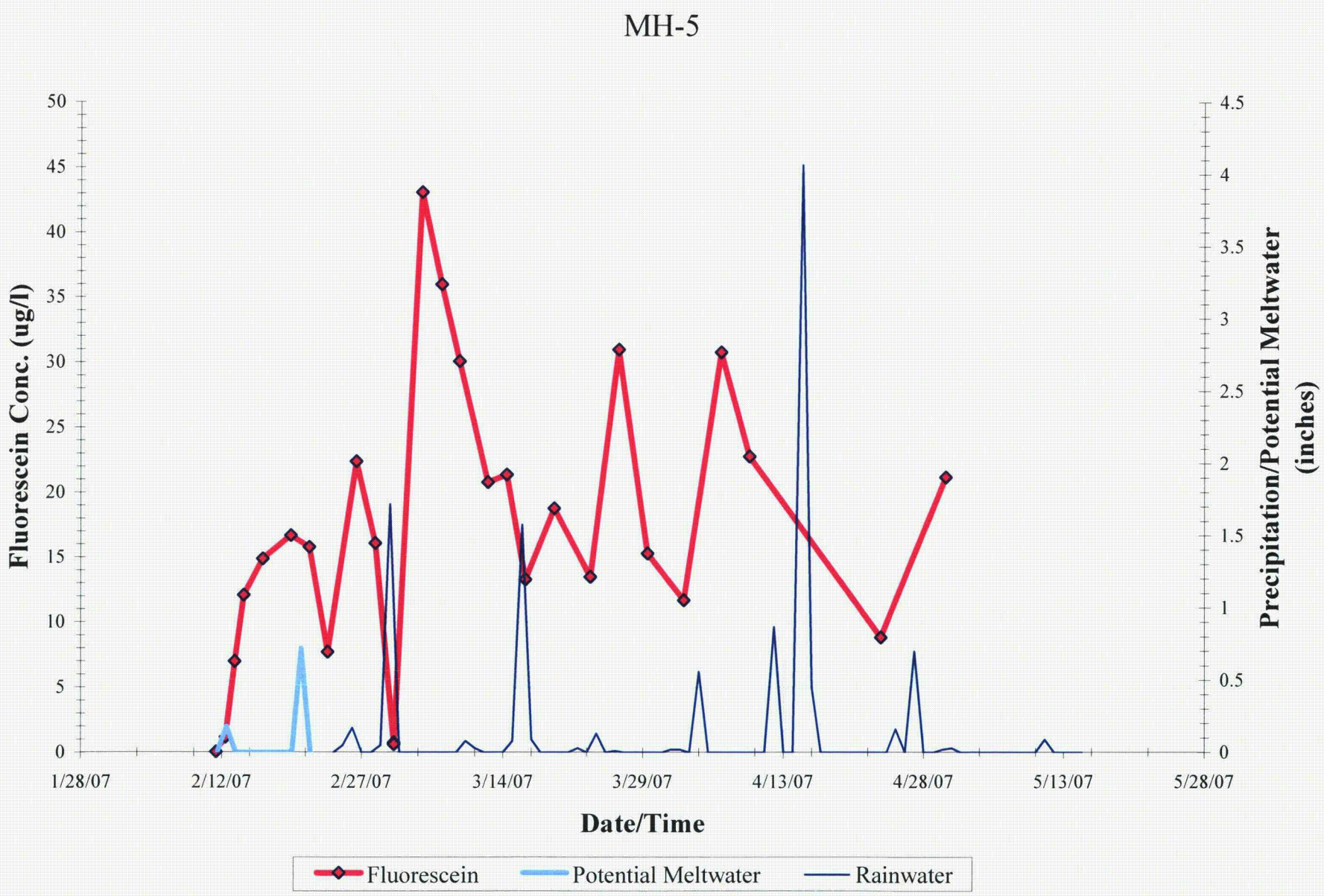

Hudson River U3 Intake
Fluorescein (ug/day)
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
Precipitation/Potential Meltwater (inches)
7
6
5
4
3
2
1
0
1/28/07
2/12/07
2/27/07
3/14/07
3/29/07
4/13/07
4/28/07
5/13/07
5/28/07
Date/Time
Fluorescein
Potential Meltwater
Rainwater

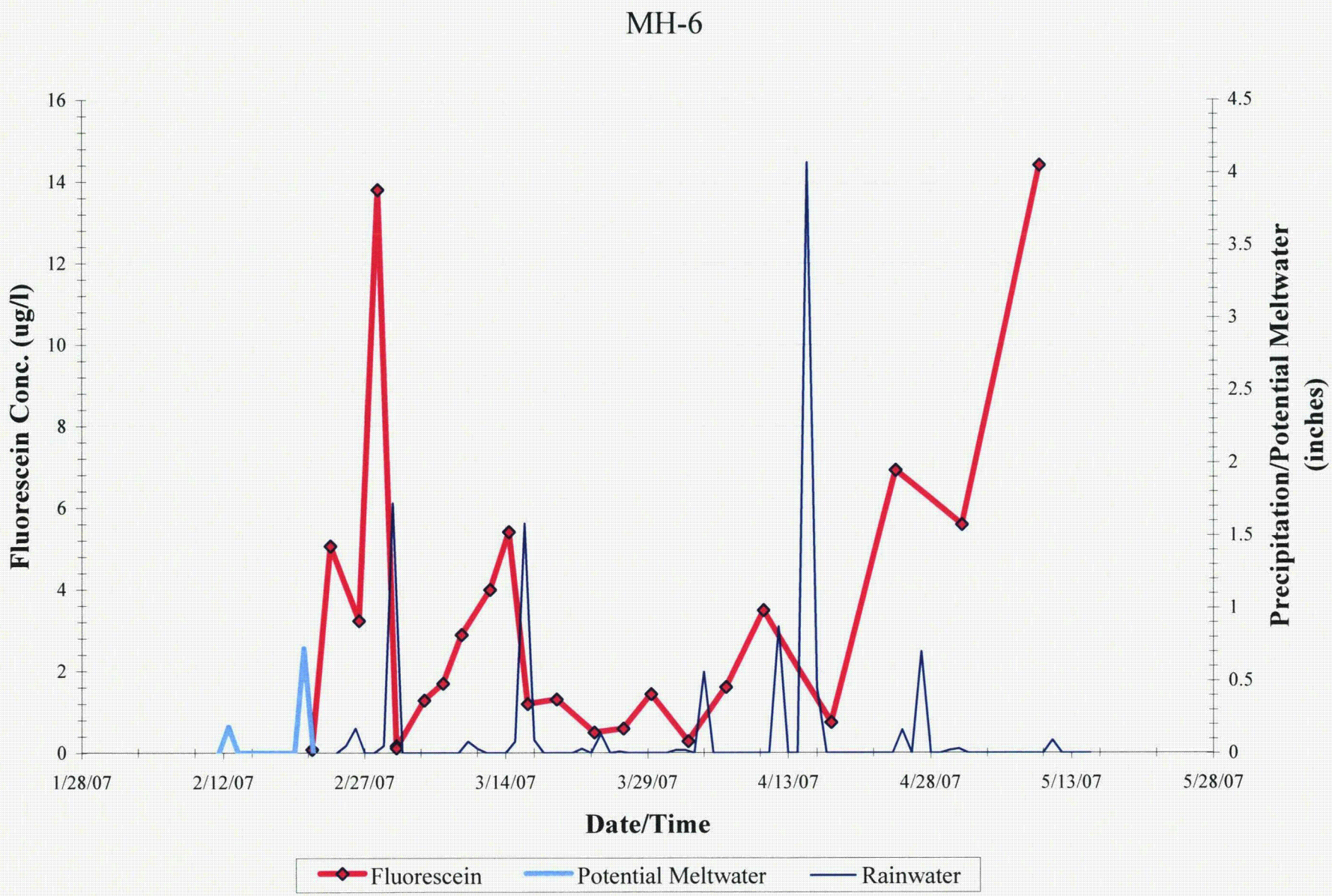

U3 Discharge Canal
Fluorescein (ug/day)
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
Precipitation/Potential Meltwater (inches)
7
6
5
4
3
2
1
0
1/28/07
2/12/07
2/27/07
3/14/07
3/29/07
4/13/07
4/28/07
5/13/07
5/28/07
Date/Time
Fluorescein
Potential Meltwater
Rainwater

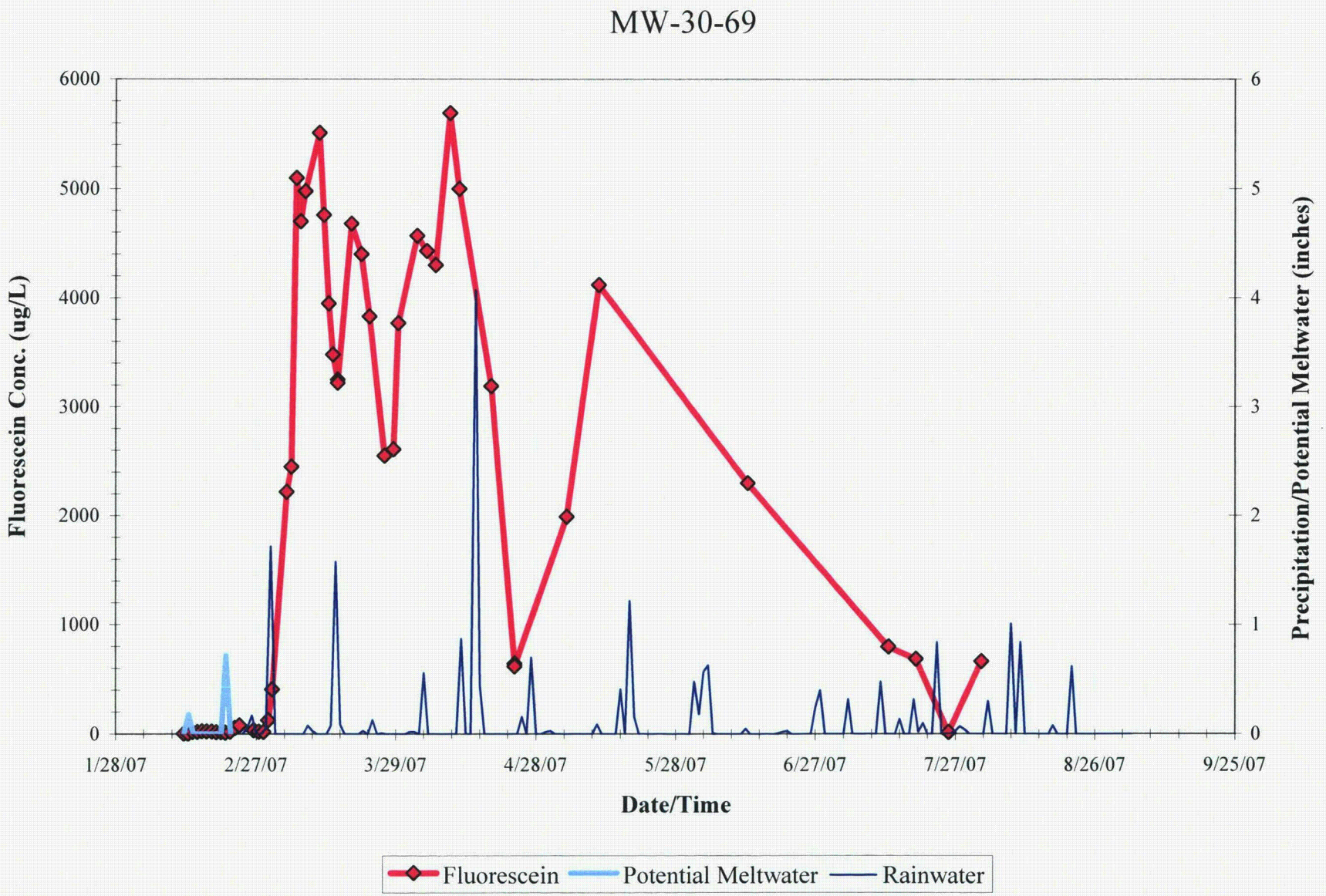

North Curtain Drain
Fluorescein (ug/day)
4.50
4.00
3.50
3.00
2.50
2.00
1.50
1.00
0.50
0.00
Precipitation/Potential Meltwater (inches)
7
6
5
4
3
2
1
0
1/28/07
2/12/07
2/27/07
3/14/07
3/29/07
4/13/07
4/28/07
5/13/07
5/28/07
Date/Time
Fluorescein
Potential Meltwater
Rainwater

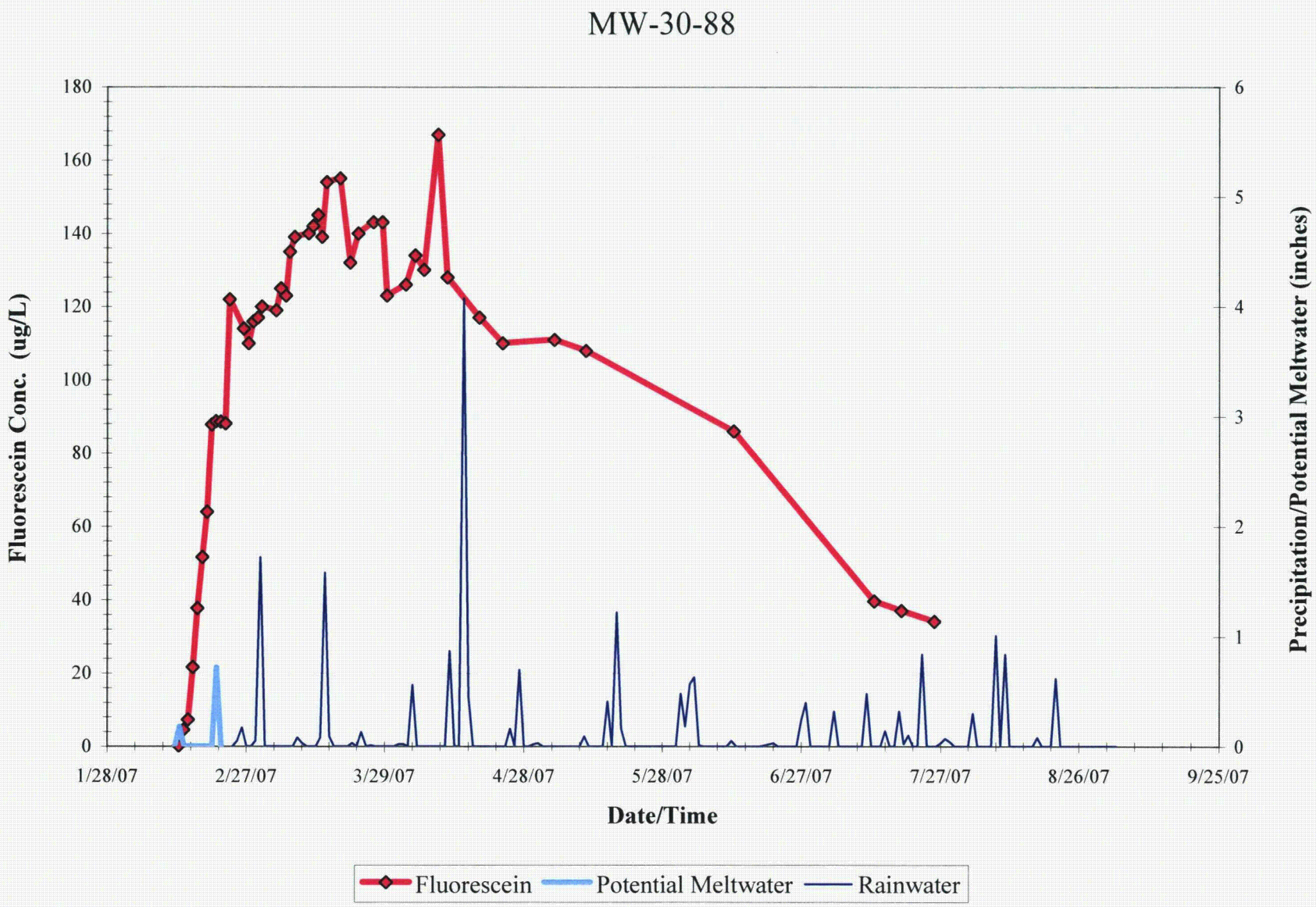
MH-4


Fluorescein Conc. (ug/l)
45
40
35
30
25
20
15
10
5
0
Precipitation/Potential Meltwater (inches)
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
1/28/07
2/12/07
2/27/07
3/14/07
3/29/07
4/13/07
4/28/07
5/13/07
5/28/07
Date/Time
Fluorescein
Potential Meltwater
Rainwater

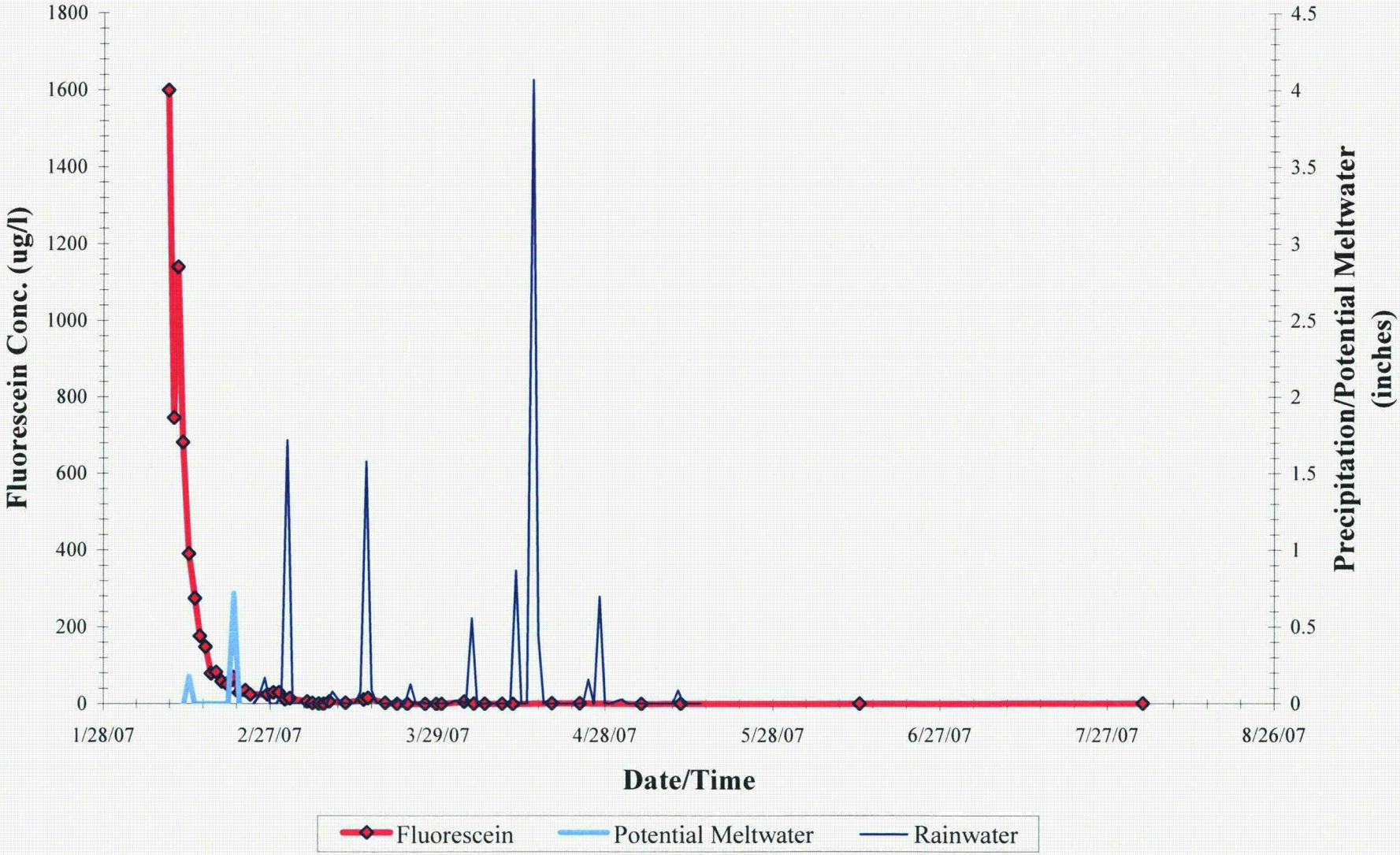

MH-5
Fluorescein Conc. (ug/l)
Precipitation/Potential Meltwater (inches)
Date/Time
50
45
40
35
30
25
20
15
10
5
0
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
1/28/07
2/12/07
2/27/07
3/14/07
3/29/07
4/13/07
4/28/07
5/13/07
5/28/07
Fluorescein
Potential Meltwater
Rainwater


MH-6
Fluorescein Conc. (ug/l)
Precipitation/Potential Meltwater (inches)
Date/Time
16
14
12
10
8
6
4
2
0
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
1/28/07
2/12/07
2/27/07
3/14/07
3/29/07
4/13/07
4/28/07
5/13/07
5/28/07
Fluorescein
Potential Meltwater
Rainwater

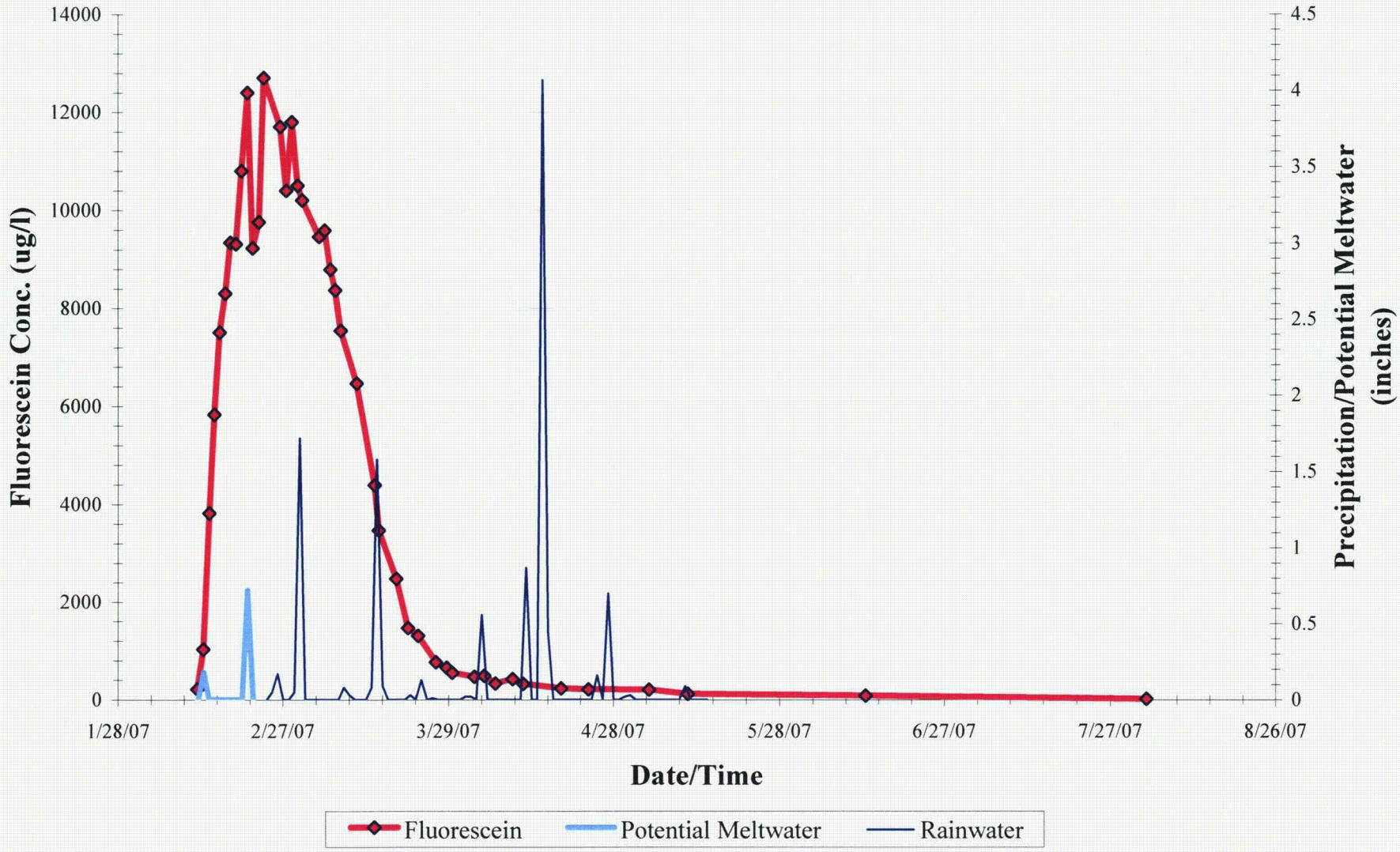

MW-30-69
Fluorescein Conc. (ug/L)
Precipitation/Potential Meltwater (inches)
Date/Time
6000
5000
4000
3000
2000
1000
0
6
5
4
3
2
1
0
1/28/07
2/27/07
3/29/07
4/28/07
5/28/07
6/27/07
7/27/07
8/26/07
9/25/07
Fluorescein
Potential Meltwater
Rainwater

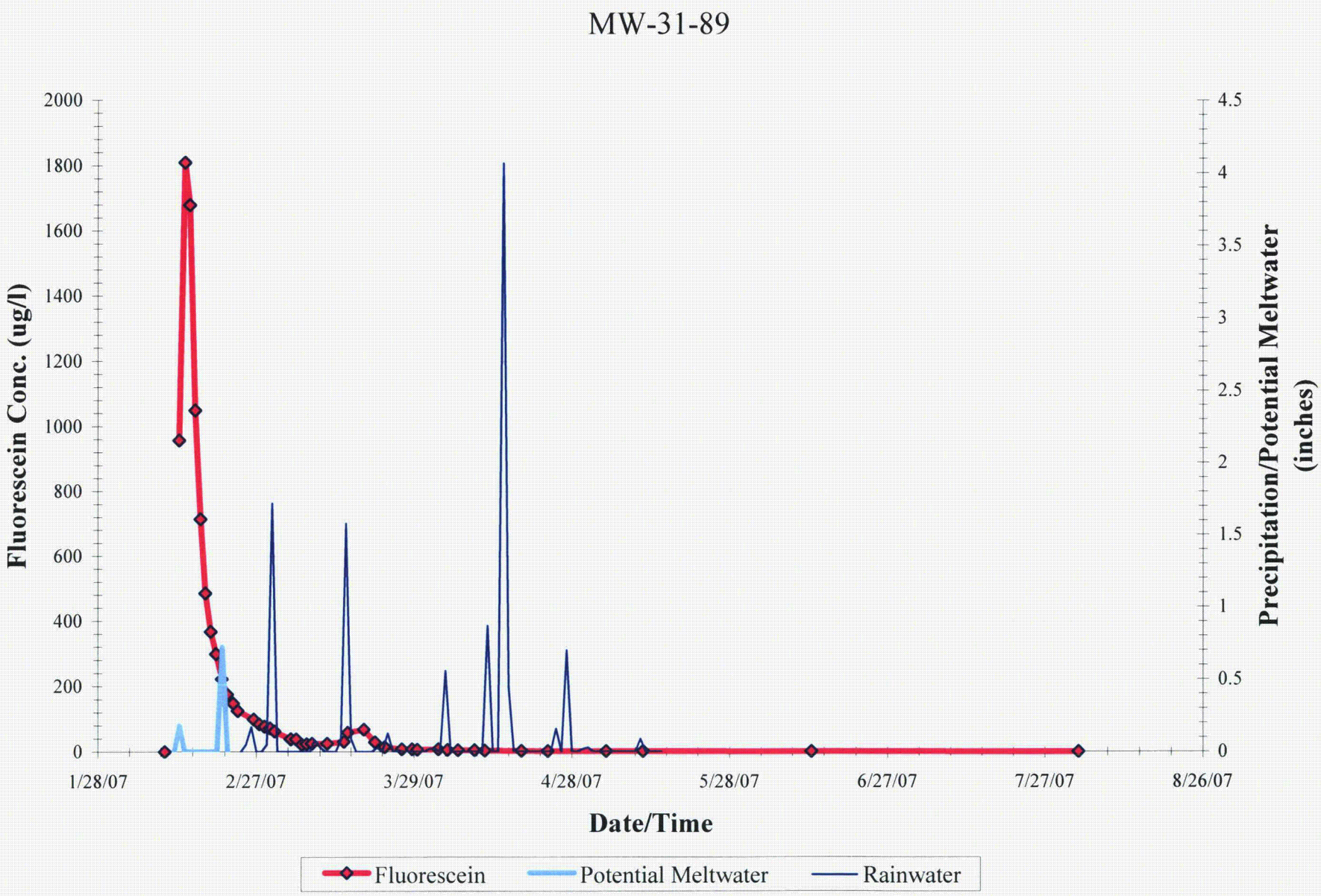

MW-30-88
Fluorescein Conc. (ug/L)
Precipitation/Potential Meltwater (inches)
Date/Time
180
160
140
120
100
80
60
40
20
0
6
5
4
3
2
1
0
1/28/07
2/27/07
3/29/07
4/28/07
5/28/07
6/27/07
7/27/07
8/26/07
9/25/07
Fluorescein
Potential Meltwater
Rainwater

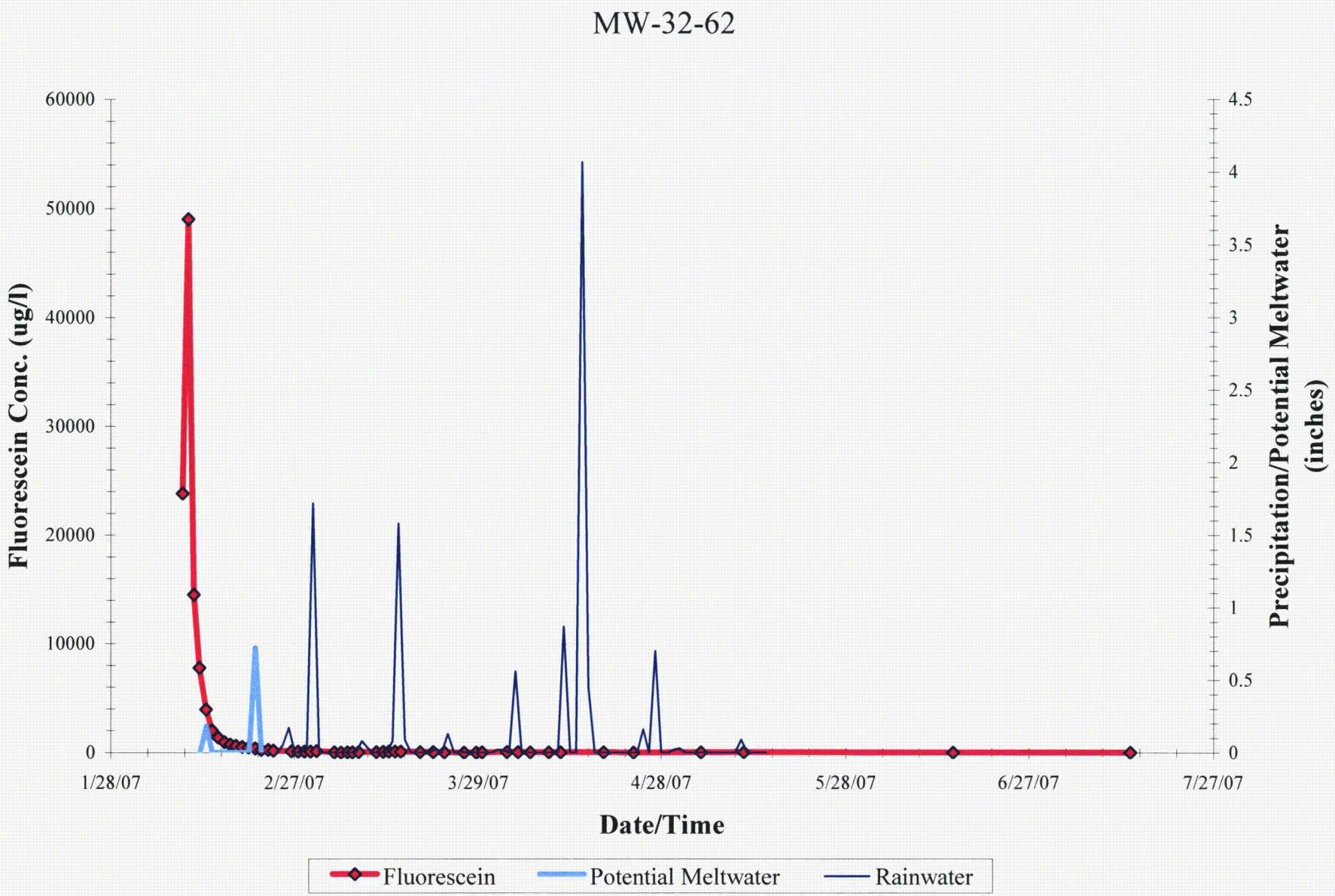
MW-31-53

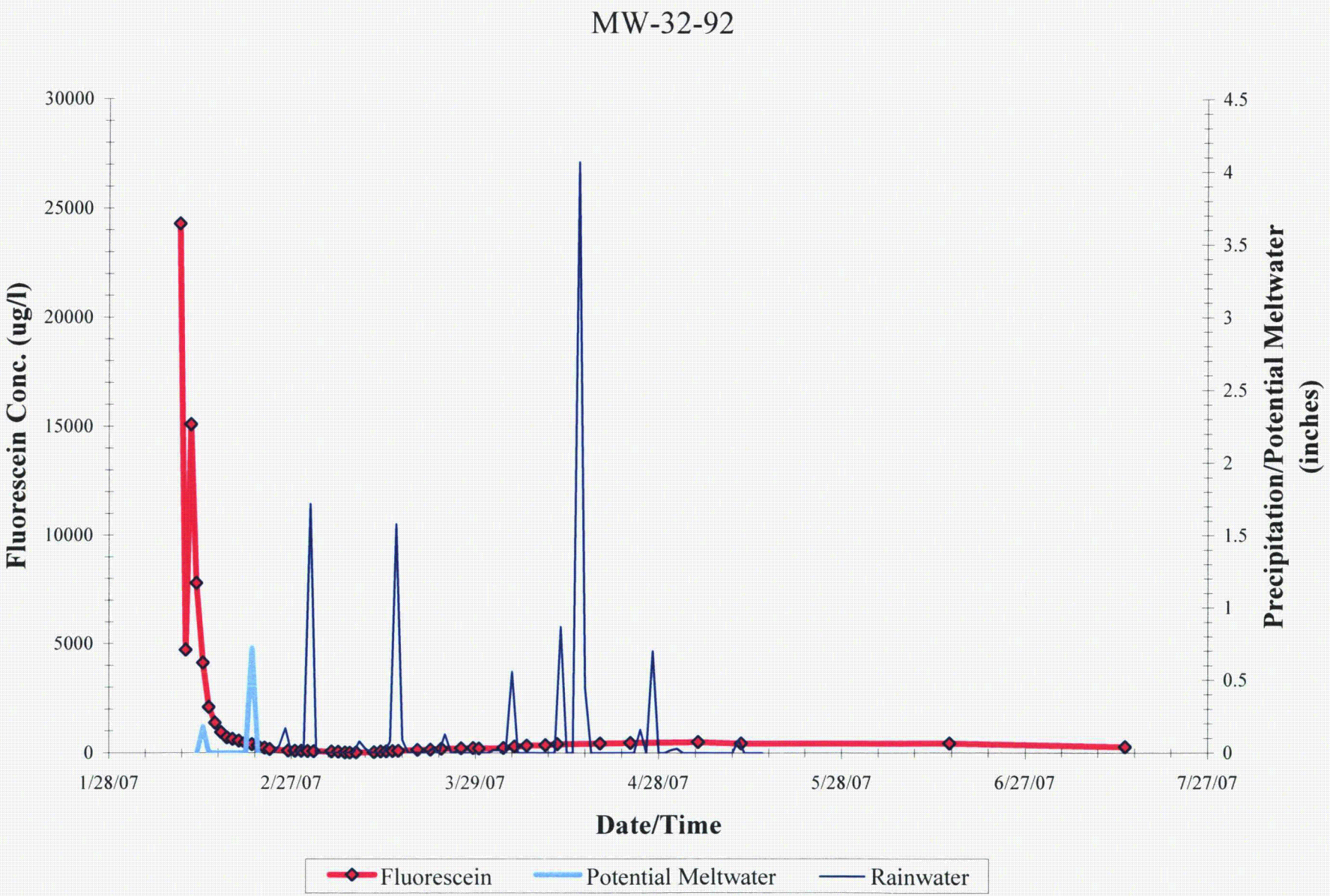

1800
1600
1400
1200
1000
800
600
400
200
0
Fluorescein Conc. (ug/l)
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
Precipitation/Potential Meltwater (inches)
1/28/07
2/27/07
3/29/07
4/28/07
5/28/07
6/27/07
7/27/07
8/26/07
Date/Time
Fluorescein
Potential Meltwater
Rainwater

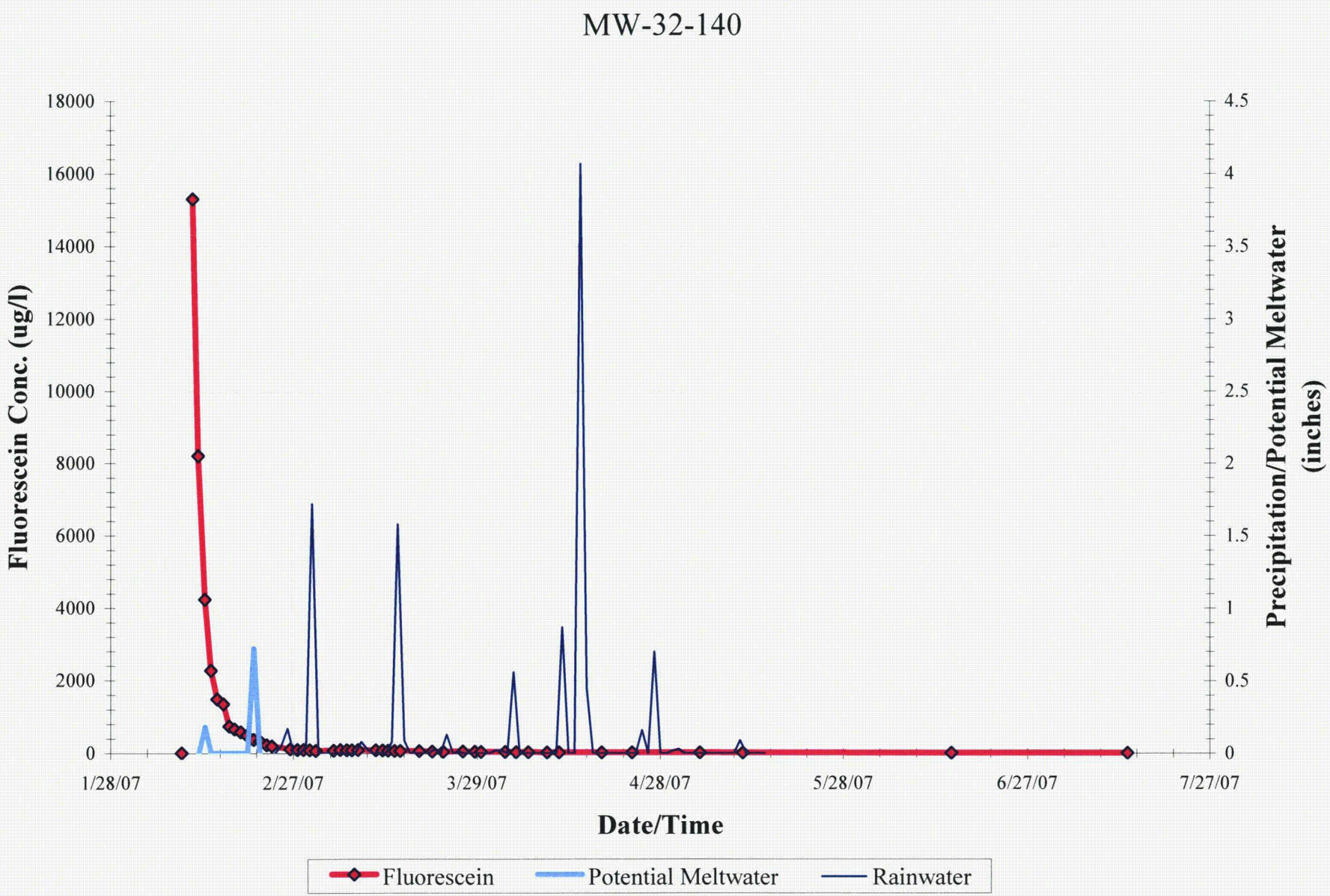
MW-31-67

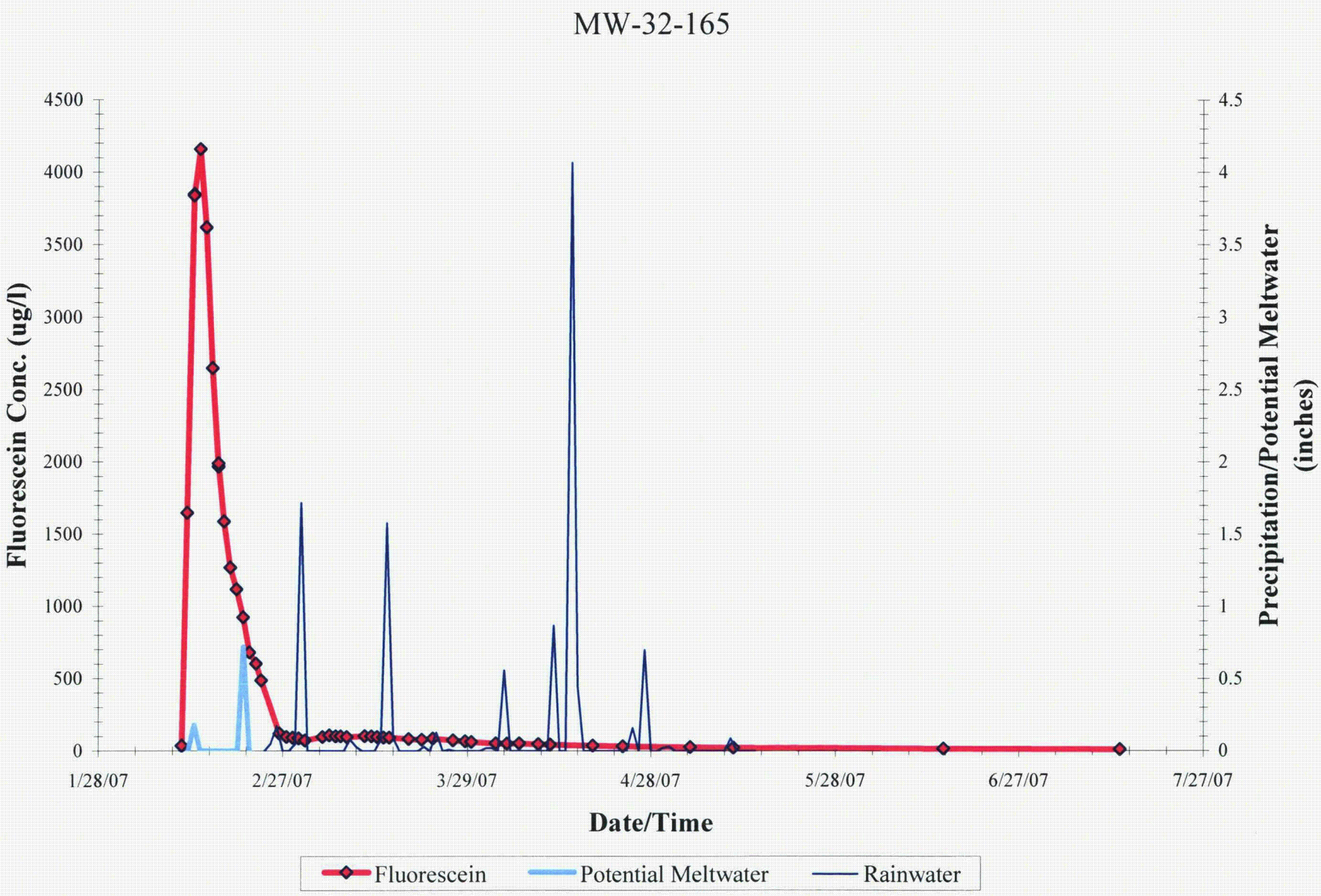

14000
12000
10000
8000
6000
4000
2000
0
Fluorescein Conc. (ug/l)
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
Precipitation/Potential Meltwater (inches)
1/28/07
2/27/07
3/29/07
4/28/07
5/28/07
6/27/07
7/27/07
8/26/07
Date/Time
Fluorescein
Potential Meltwater
Rainwater

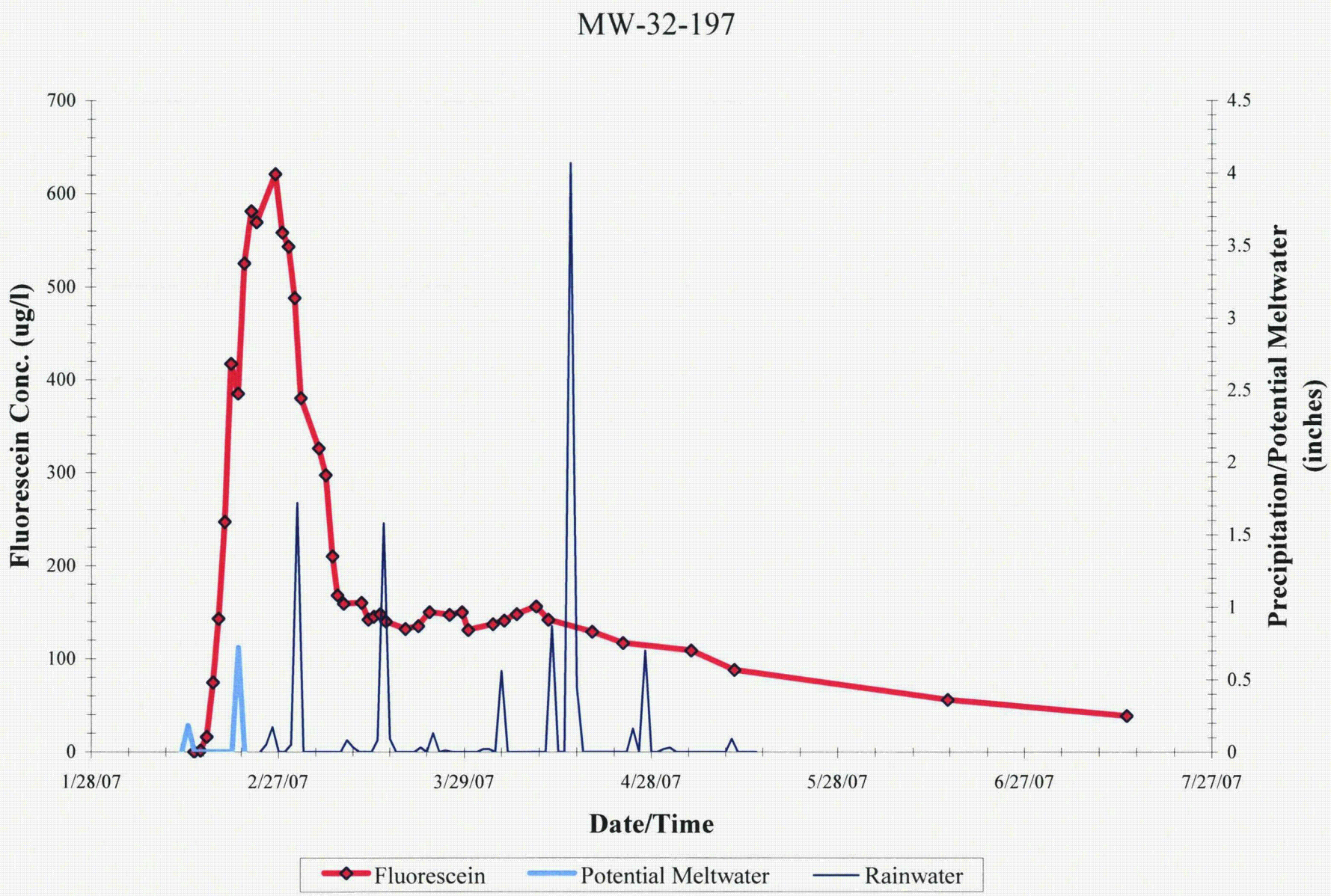

MW-31-89
Fluorescein Conc. (ug/l)
2000
1800
1600
1400
1200
1000
800
600
400
200
0
Precipitation/Potential Meltwater (inches)
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
1/28/07
2/27/07
3/29/07
4/28/07
5/28/07
6/27/07
7/27/07
8/26/07
Date/Time
Fluorescein
Potential Meltwater
Rainwater

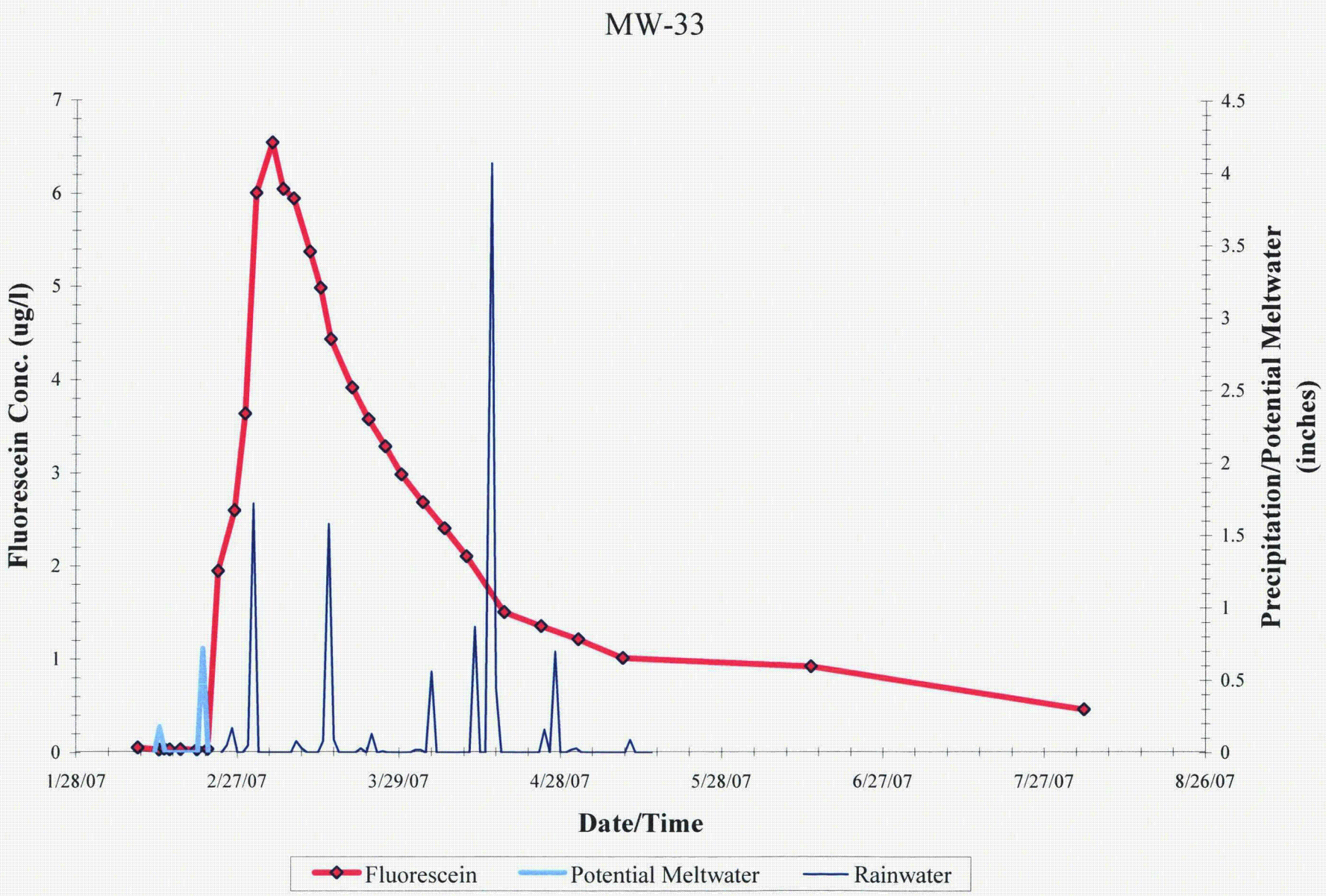

MW-32-62
Fluorescein Conc. (ug/l)
60000
50000
40000
30000
20000
10000
0
Precipitation/Potential Meltwater (inches)
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
1/28/07
2/27/07
3/29/07
4/28/07
5/28/07
6/27/07
7/27/07
Date/Time
Fluorescein
Potential Meltwater
Rainwater


MW-32-92
Fluorescein Conc. (ug/l)
30000
25000
20000
15000
10000
5000
0
Precipitation/Potential Meltwater (inches)
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
1/28/07
2/27/07
3/29/07
4/28/07
5/28/07
6/27/07
7/27/07
Date/Time
Fluorescein
Potential Meltwater
Rainwater

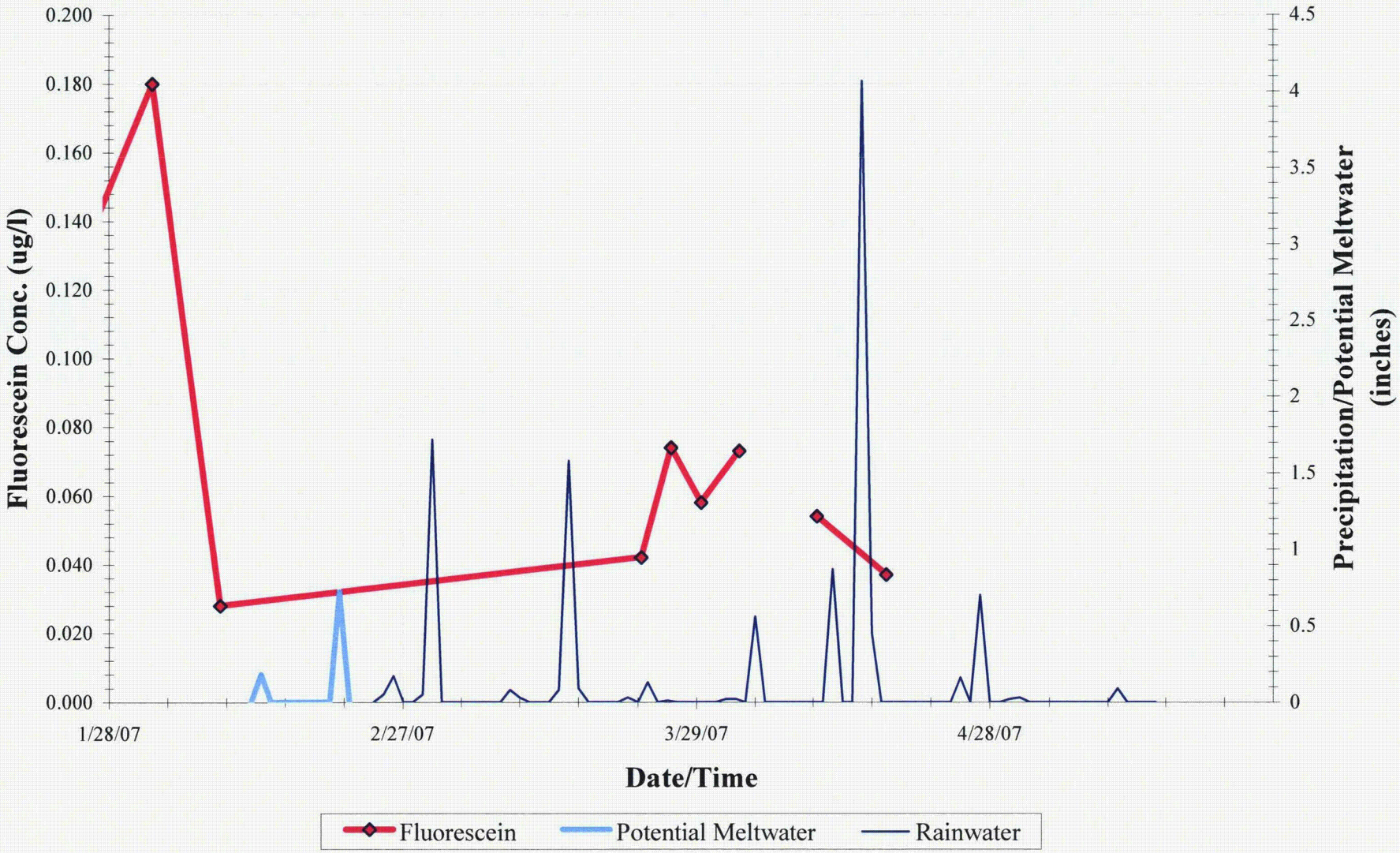

MW-32-140
Fluorescein Conc. (ug/l)
18000
16000
14000
12000
10000
8000
6000
4000
2000
0
Precipitation/Potential Meltwater (inches)
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
1/28/07
2/27/07
3/29/07
4/28/07
5/28/07
6/27/07
7/27/07
Date/Time
Fluorescein
Potential Meltwater
Rainwater

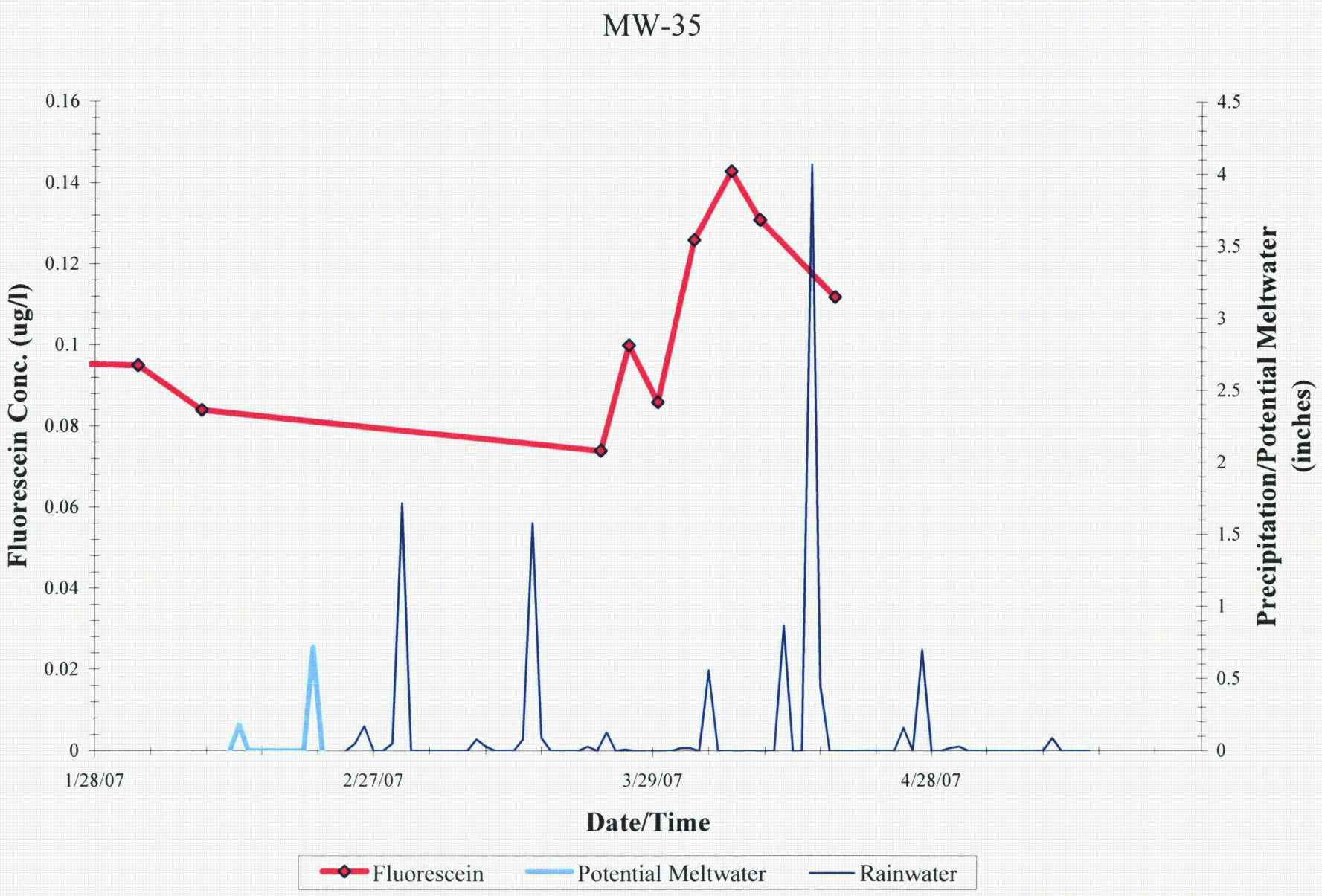

MW-32-165
Fluorescein Conc. (ug/l)
4500
4000
3500
3000
2500
2000
1500
1000
500
0
Precipitation/Potential Meltwater (inches)
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
1/28/07
2/27/07
3/29/07
4/28/07
5/28/07
6/27/07
7/27/07
Date/Time
Fluorescein
Potential Meltwater
Rainwater


MW-32-197
Fluorescein Conc. (ug/l)
700
600
500
400
300
200
100
0
Precipitation/Potential Meltwater (inches)
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
1/28/07
2/27/07
3/29/07
4/28/07
5/28/07
6/27/07
7/27/07
Date/Time
Fluorescein
Potential Meltwater
Rainwater

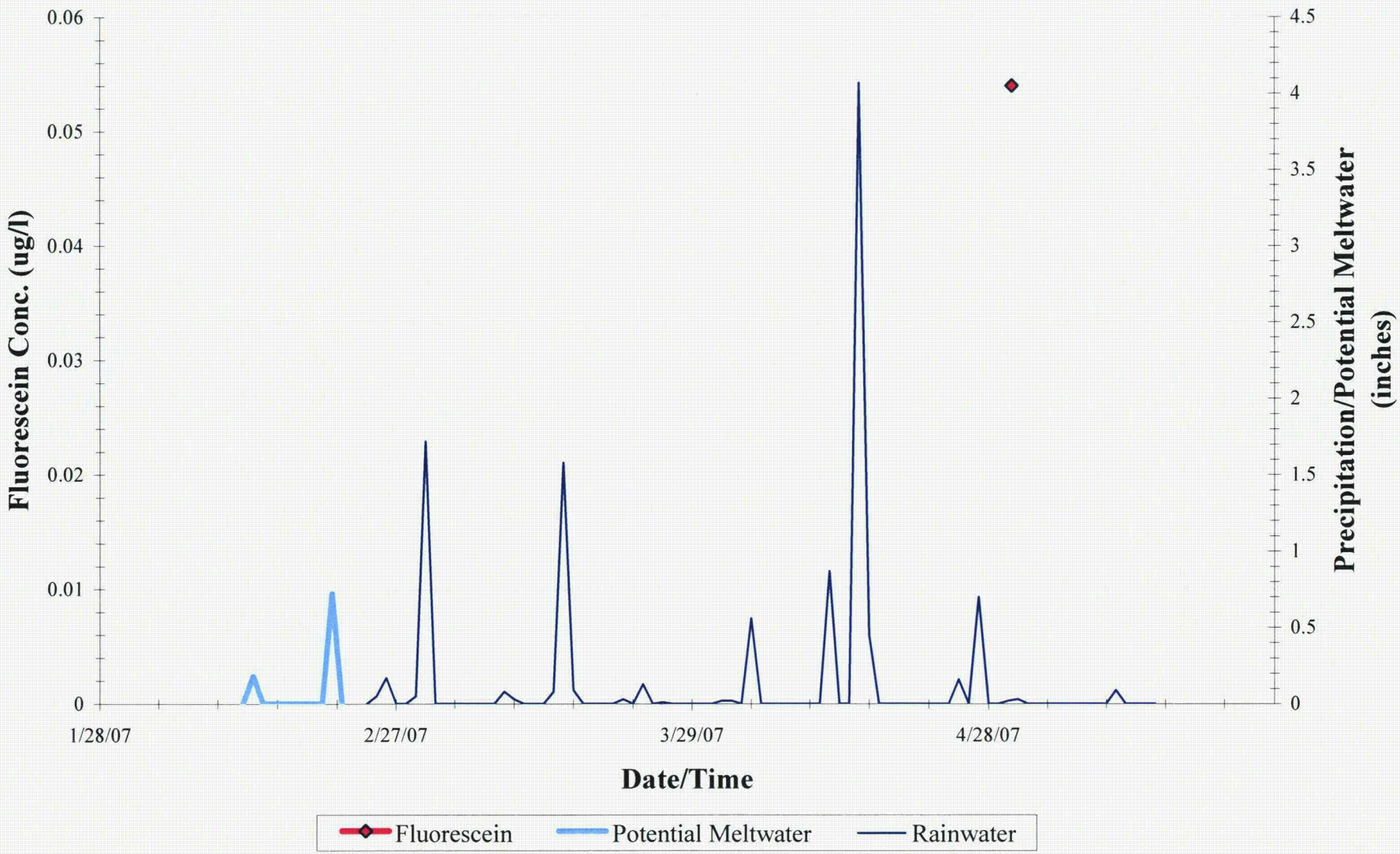

MW-33
Fluorescein Conc. (ug/l)
Precipitation/Potential Meltwater (inches)
Date/Time
0
1
2
3
4
5
6
7
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
1/28/07
2/27/07
3/29/07
4/28/07
5/28/07
6/27/07
7/27/07
8/26/07
Fluorescein
Potential Meltwater
Rainwater

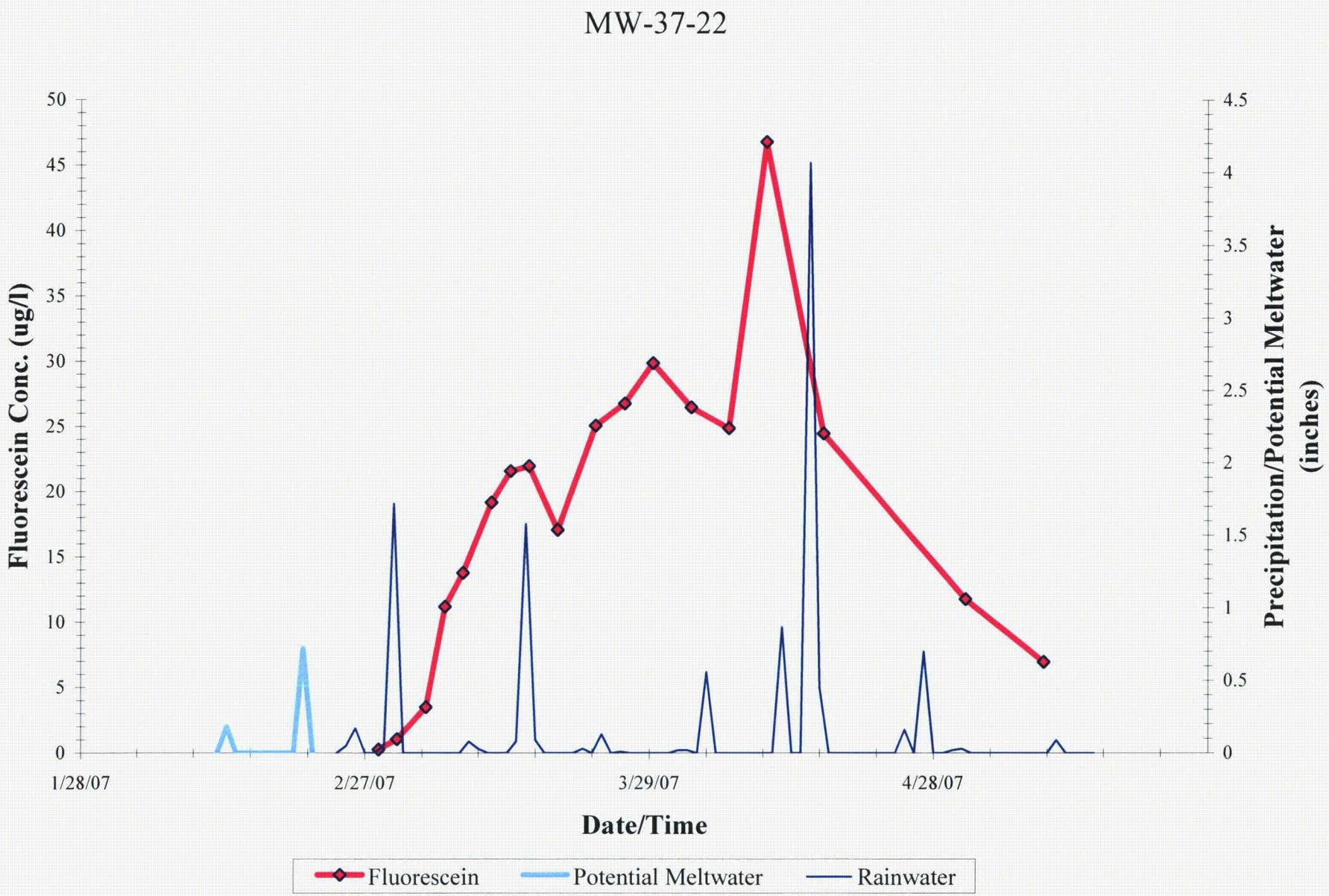
MW-34

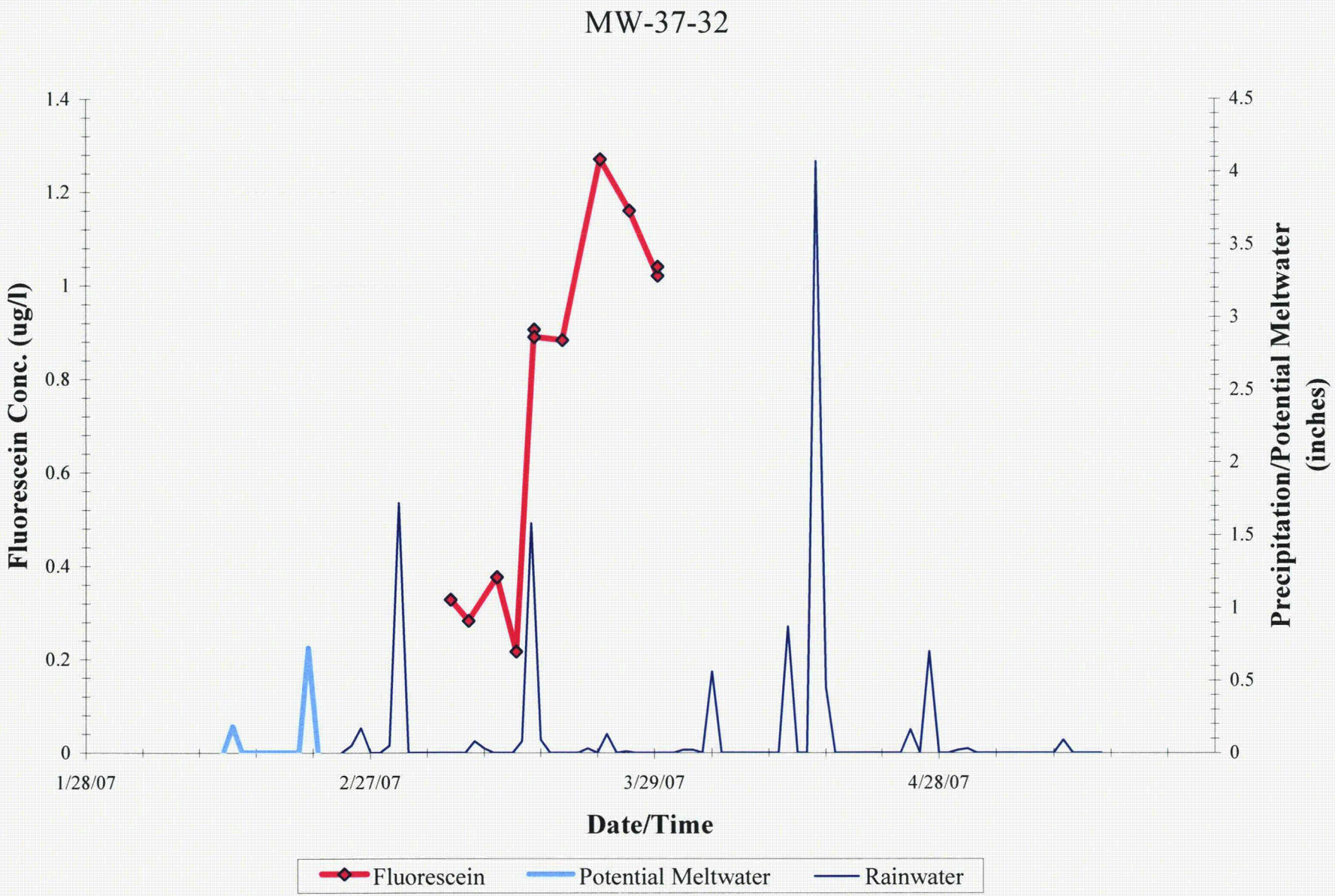

0.200
0.180
0.160
0.140
0.120
0.100
0.080
0.060
0.040
0.020
0.000
Fluorescein Conc. (ug/l)
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
Precipitation/Potential Meltwater (inches)
1/28/07
2/27/07
3/29/07
4/28/07
Date/Time
Fluorescein
Potential Meltwater
Rainwater

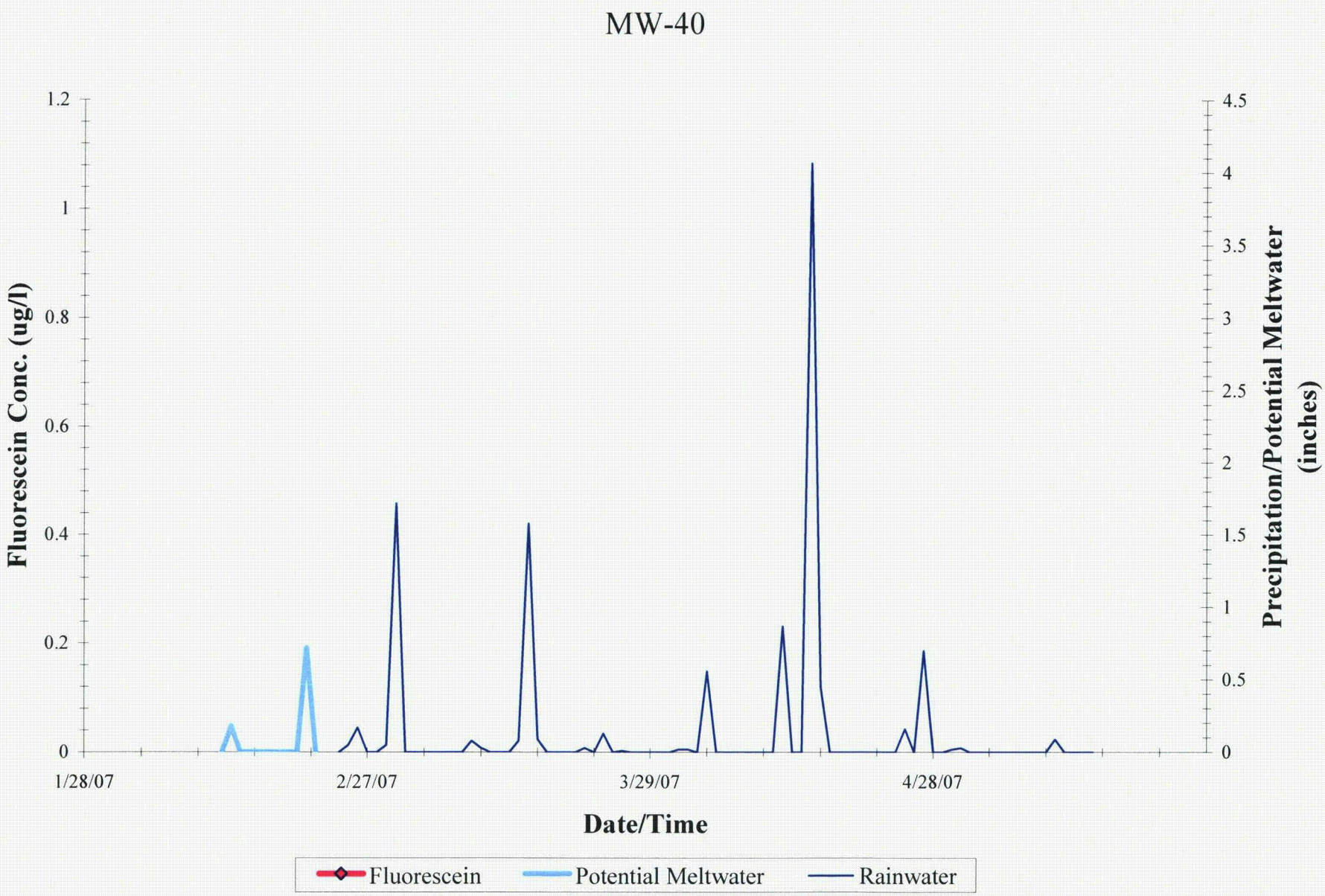

MW-35
Fluorescein Conc. (ug/l)
0.16
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0
Precipitation/Potential Meltwater (inches)
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
1/28/07
2/27/07
3/29/07
4/28/07
Date/Time
Fluorescein
Potential Meltwater
Rainwater

MW-36-41

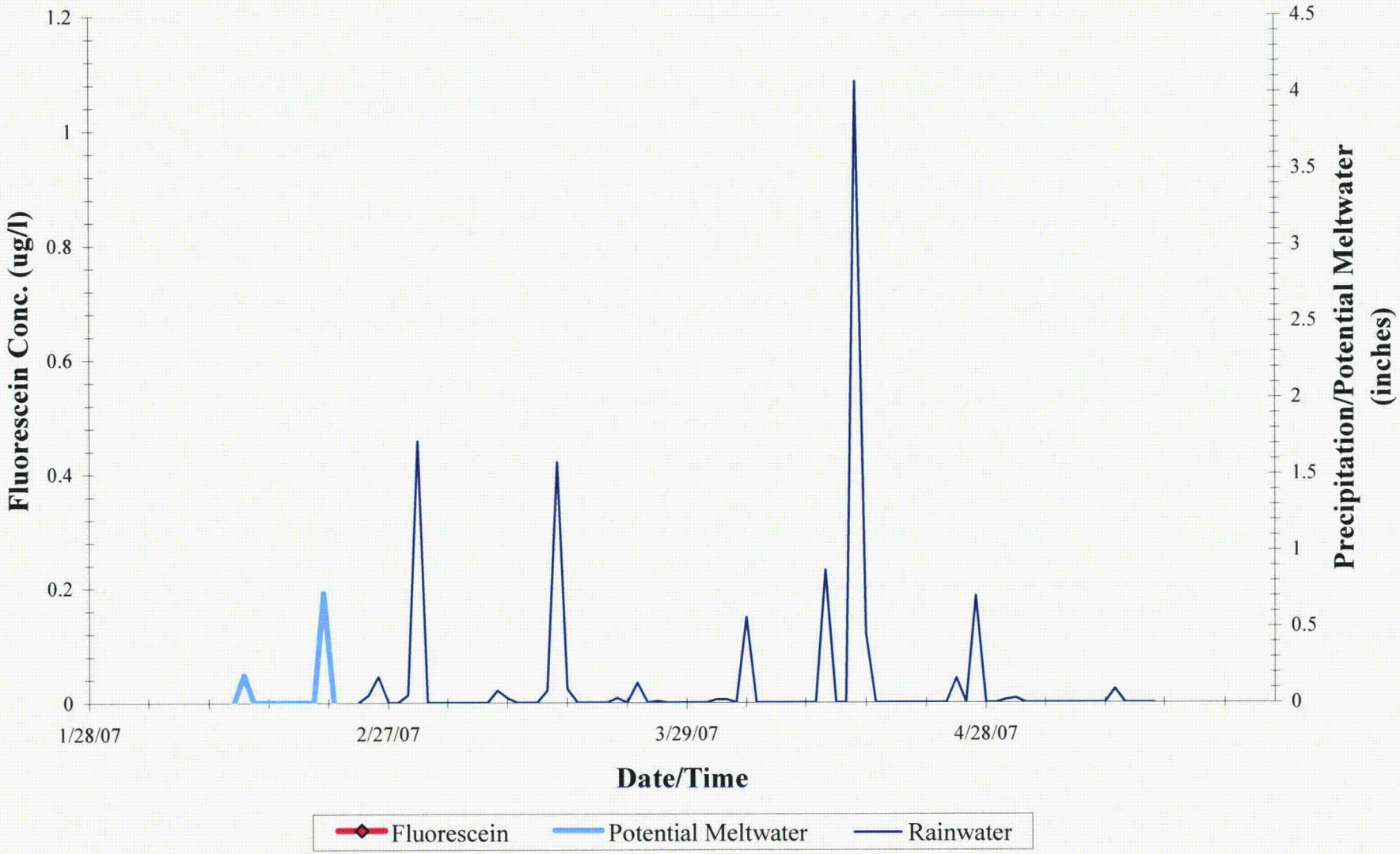

0.06
0.05
0.04
0.03
0.02
0.01
0
Fluorescein Conc. (ug/l)
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
Precipitation/Potential Meltwater (inches)
1/28/07
2/27/07
3/29/07
4/28/07
Date/Time
Fluorescein
Potential Meltwater
Rainwater

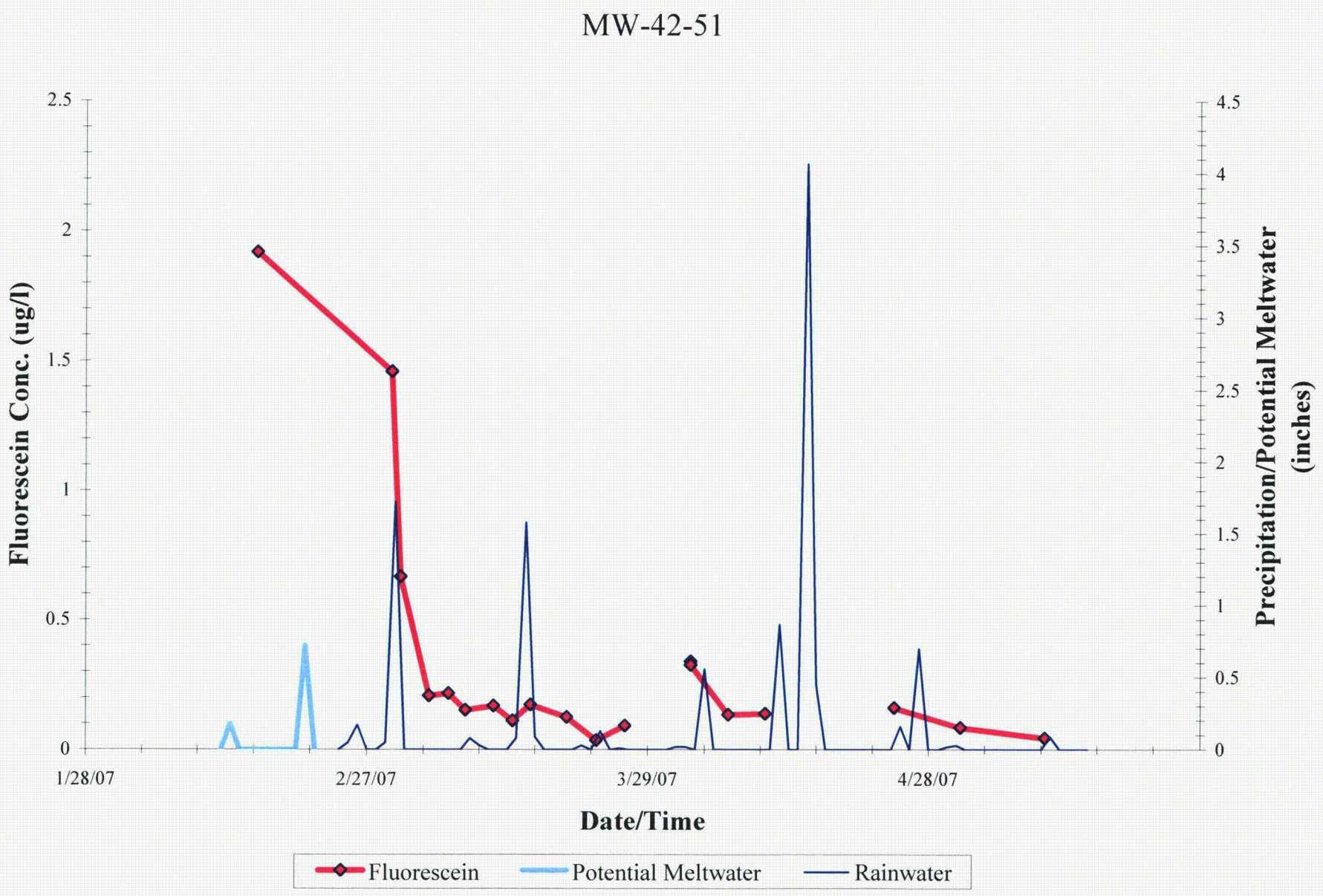

MW-37-22
Fluorescein Conc. (ug/l)
50
45
40
35
30
25
20
15
10
5
0
Precipitation/Potential Meltwater (inches)
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
1/28/07
2/27/07
3/29/07
4/28/07
Date/Time
Fluorescein
Potential Meltwater
Rainwater


MW-37-32
Fluorescein Conc. (ug/l)
1.4
1.2
1
0.8
0.6
0.4
0.2
0
Precipitation/Potential Meltwater (inches)
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
1/28/07
2/27/07
3/29/07
4/28/07
Date/Time
Fluorescein
Potential Meltwater
Rainwater

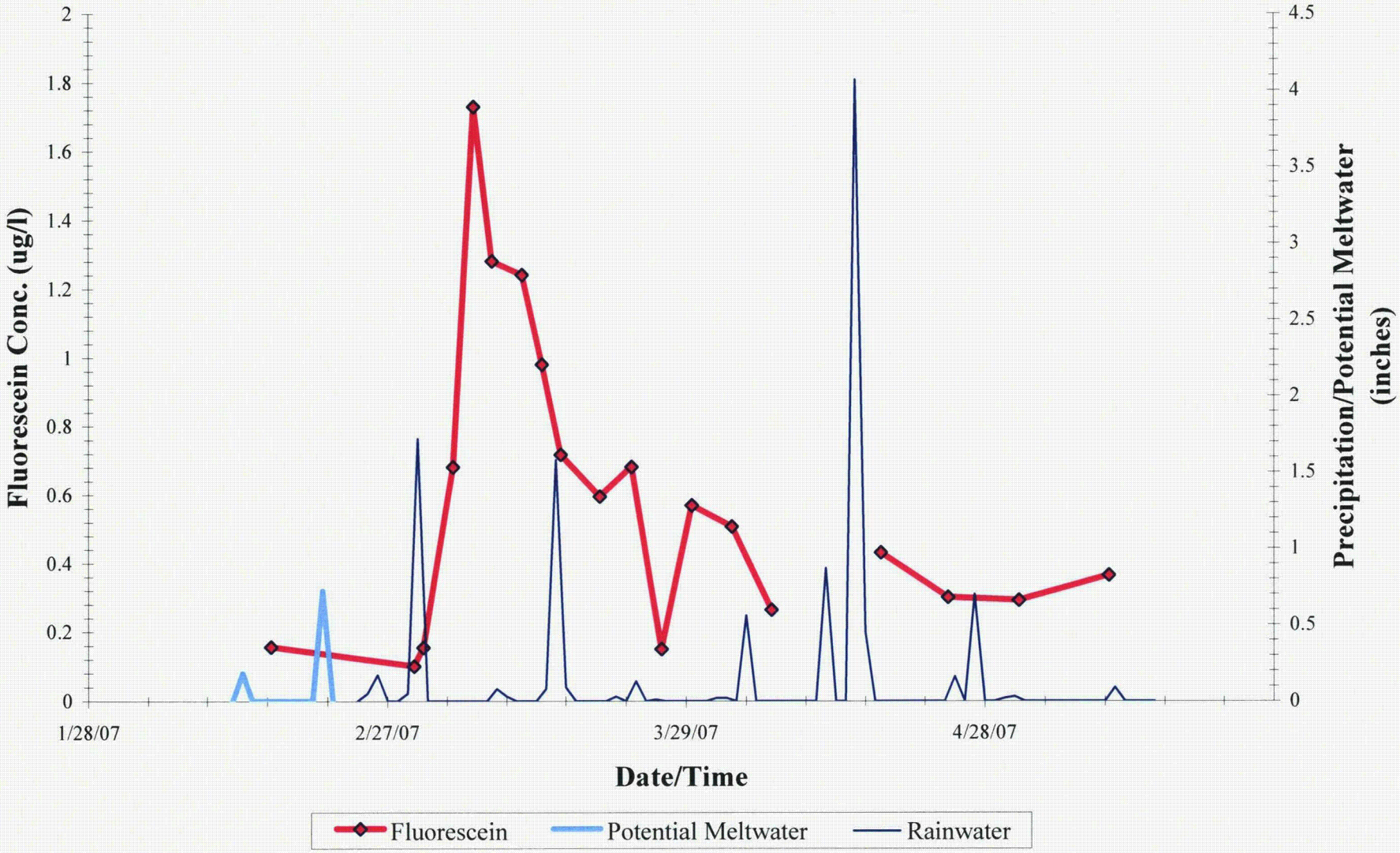

MW-40
Fluorescein Conc. (ug/l)
1.2
1
0.8
0.6
0.4
0.2
0
Precipitation/Potential Meltwater (inches)
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
1/28/07
2/27/07
3/29/07
4/28/07
Date/Time
Fluorescein
Potential Meltwater
Rainwater

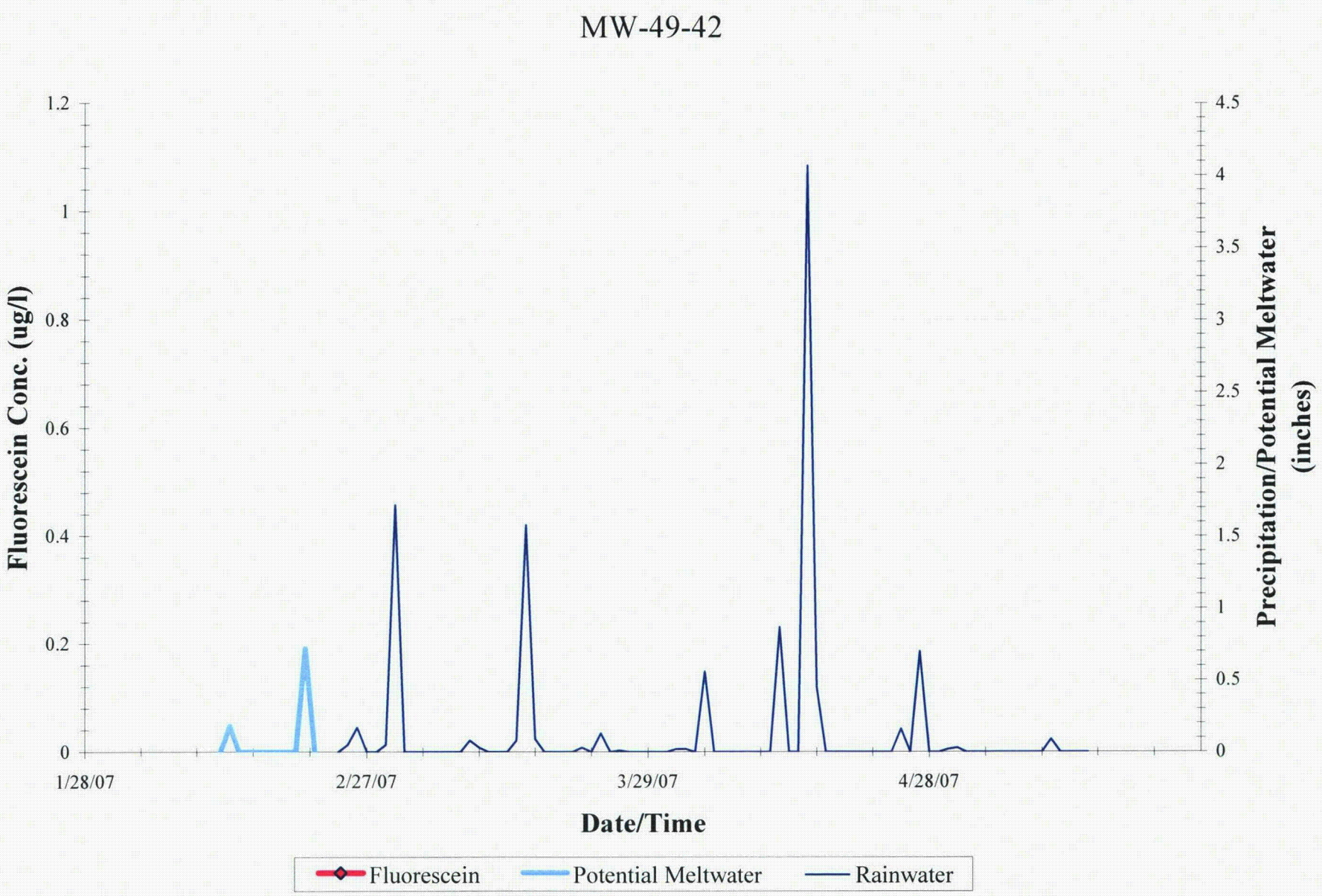
MW-39


1.2
1
0.8
0.6
0.4
0.2
0
Fluorescein Conc. (ug/l)
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
Precipitation/Potential Meltwater (inches)
1/28/07
2/27/07
3/29/07
4/28/07
Date/Time
Fluorescein
Potential Meltwater
Rainwater

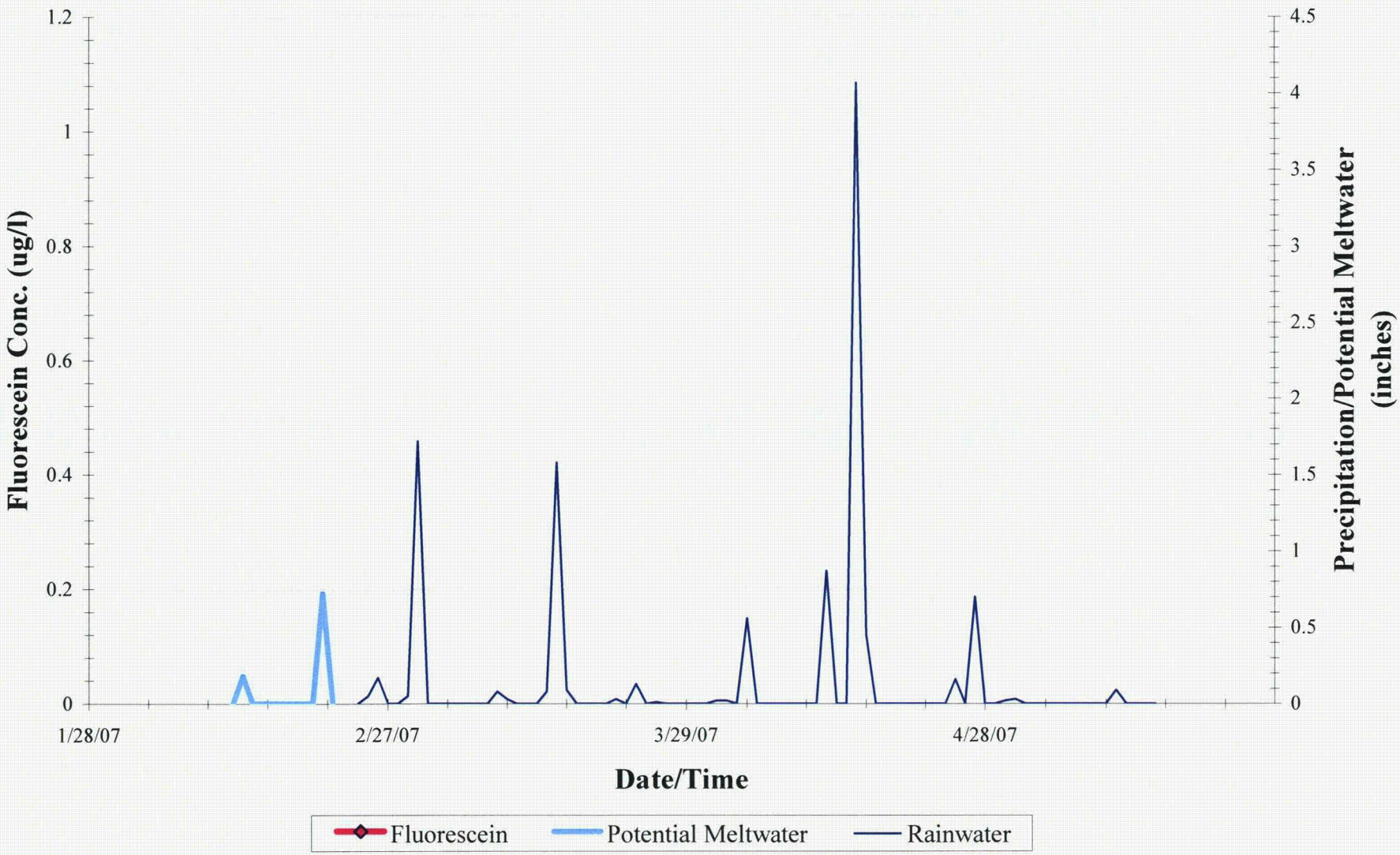

MW-42-51
Fluorescein Conc. (ug/l)
2.5
2
1.5
1
0.5
0
Precipitation/Potential Meltwater (inches)
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
1/28/07
2/27/07
3/29/07
4/28/07
Date/Time
Fluorescein
Potential Meltwater
Rainwater

MW-42-79

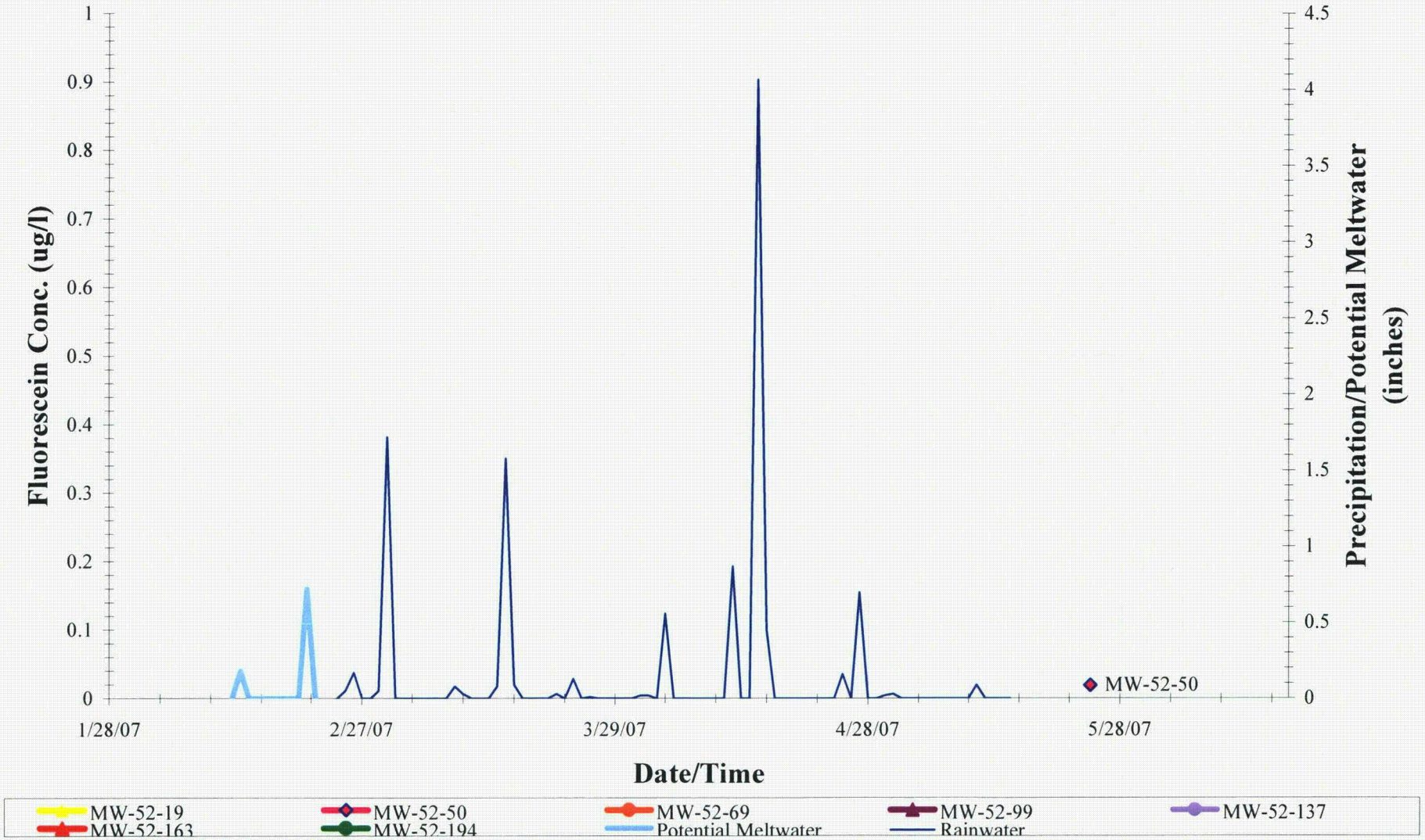

Fluorescein Conc. (ug/l)
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
Precipitation/Potential Meltwater (inches)
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
1/28/07
2/27/07
3/29/07
4/28/07
Date/Time
Fluorescein
Potential Meltwater
Rainwater

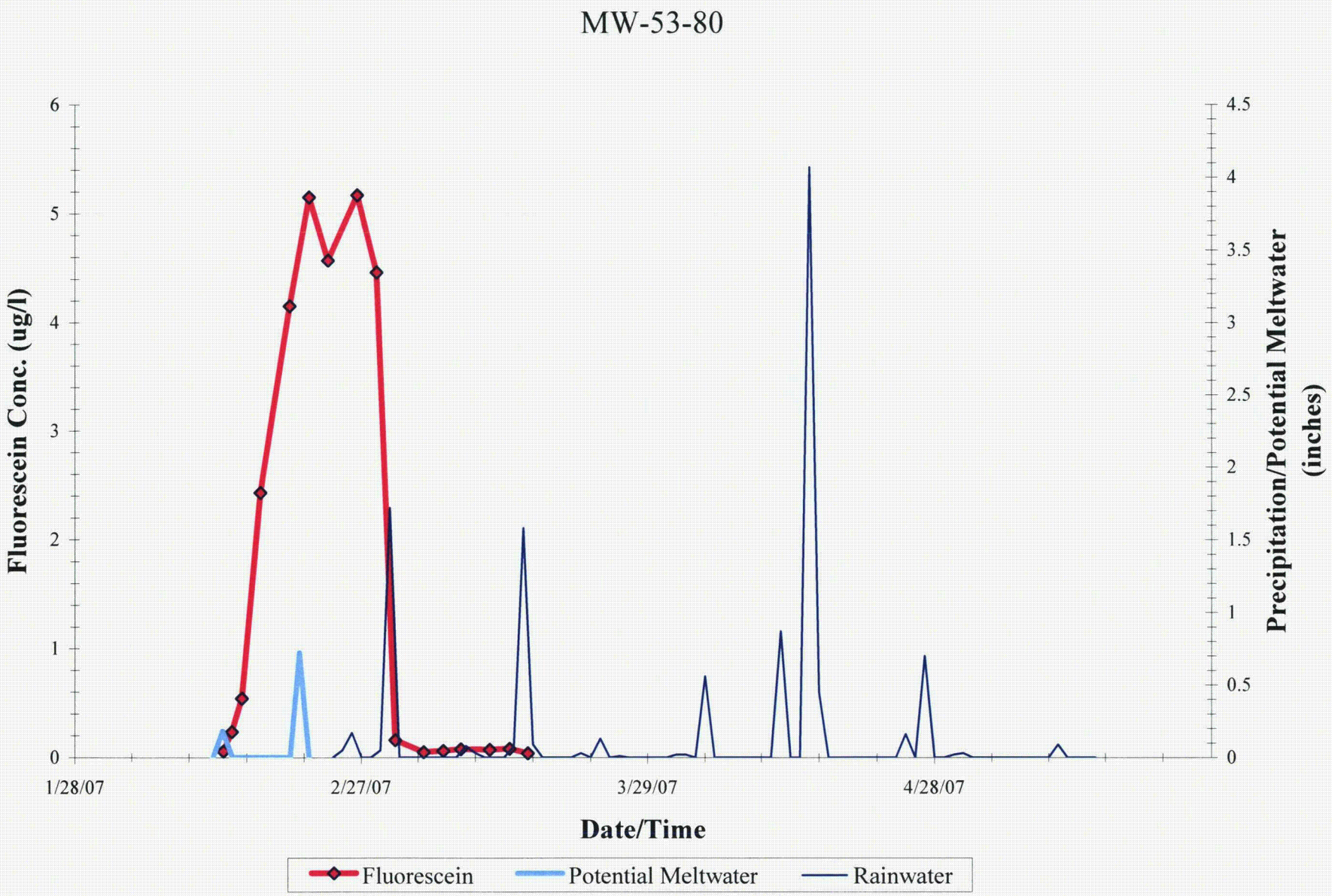

MW-49-42
Fluorescein Conc. (ug/l)
1.2
1
0.8
0.6
0.4
0.2
0
Precipitation/Potential Meltwater (inches)
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
1/28/07
2/27/07
3/29/07
4/28/07
Date/Time
Fluorescein
Potential Meltwater
Rainwater

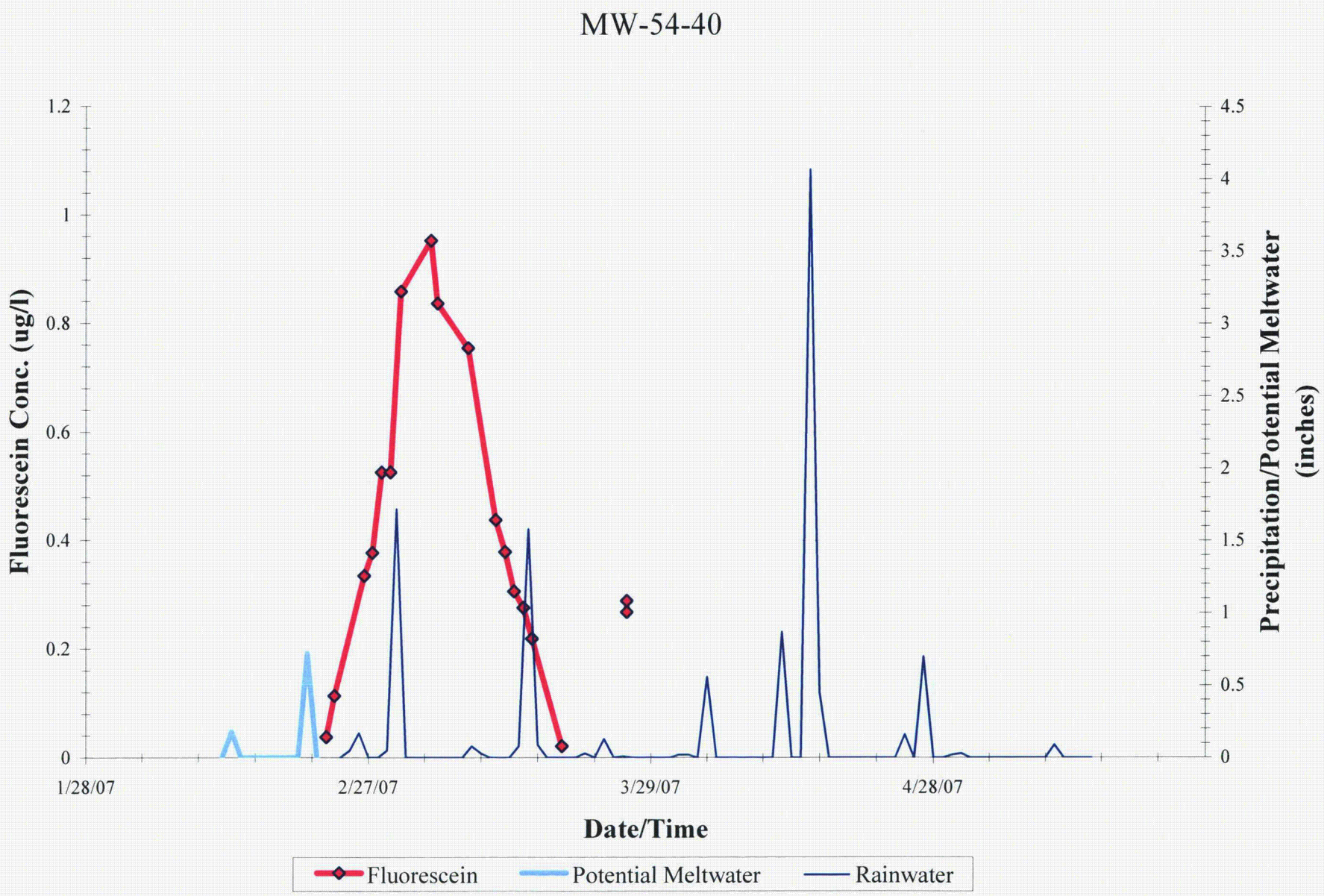
MW-51


1.2
1
0.8
0.6
0.4
0.2
0
Fluorescein Conc. (ug/l)
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
Precipitation/Potential Meltwater (inches)
1/28/07
2/27/07
3/29/07
4/28/07
Date/Time
Fluorescein
Potential Meltwater
Rainwater

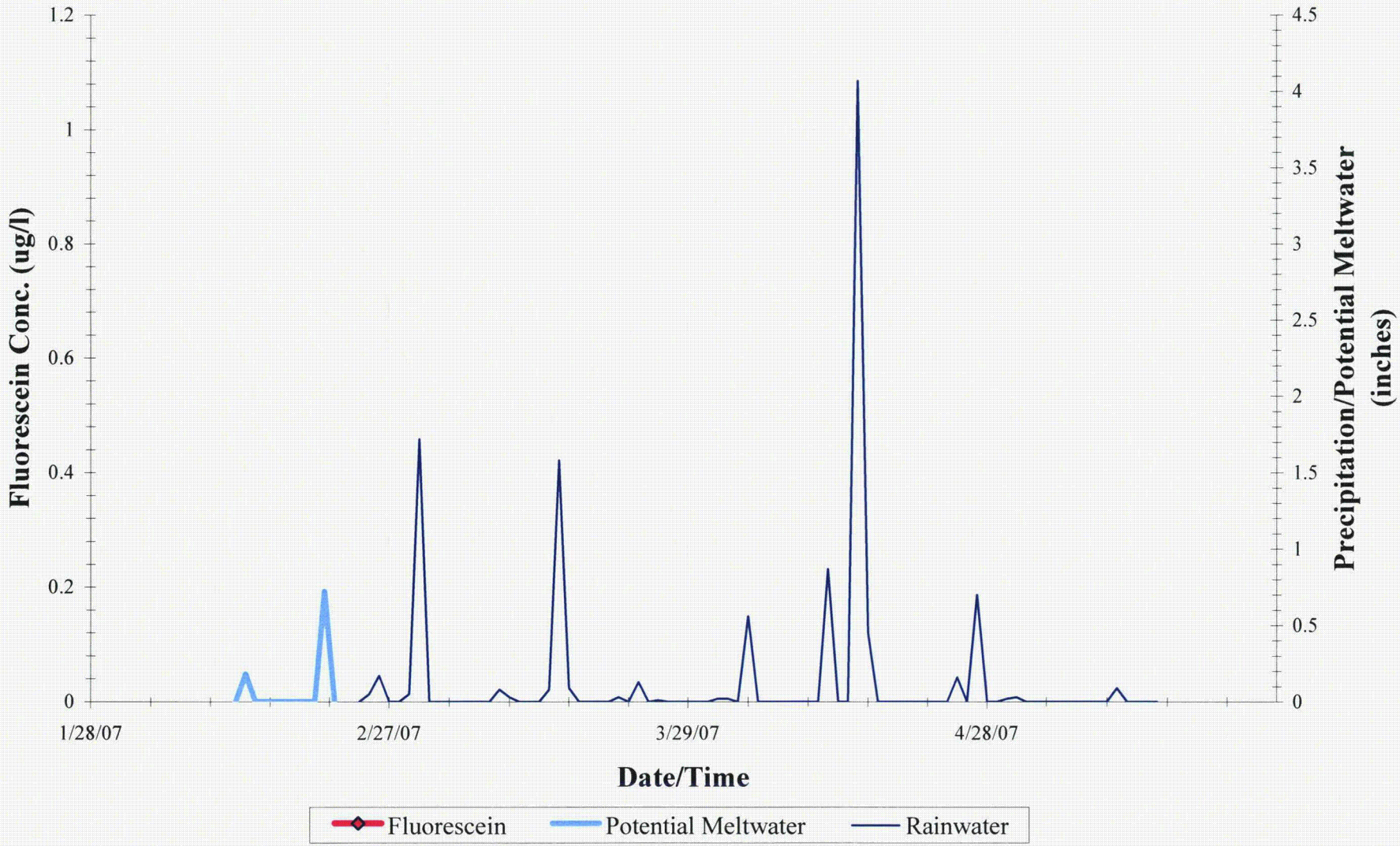
MW-52

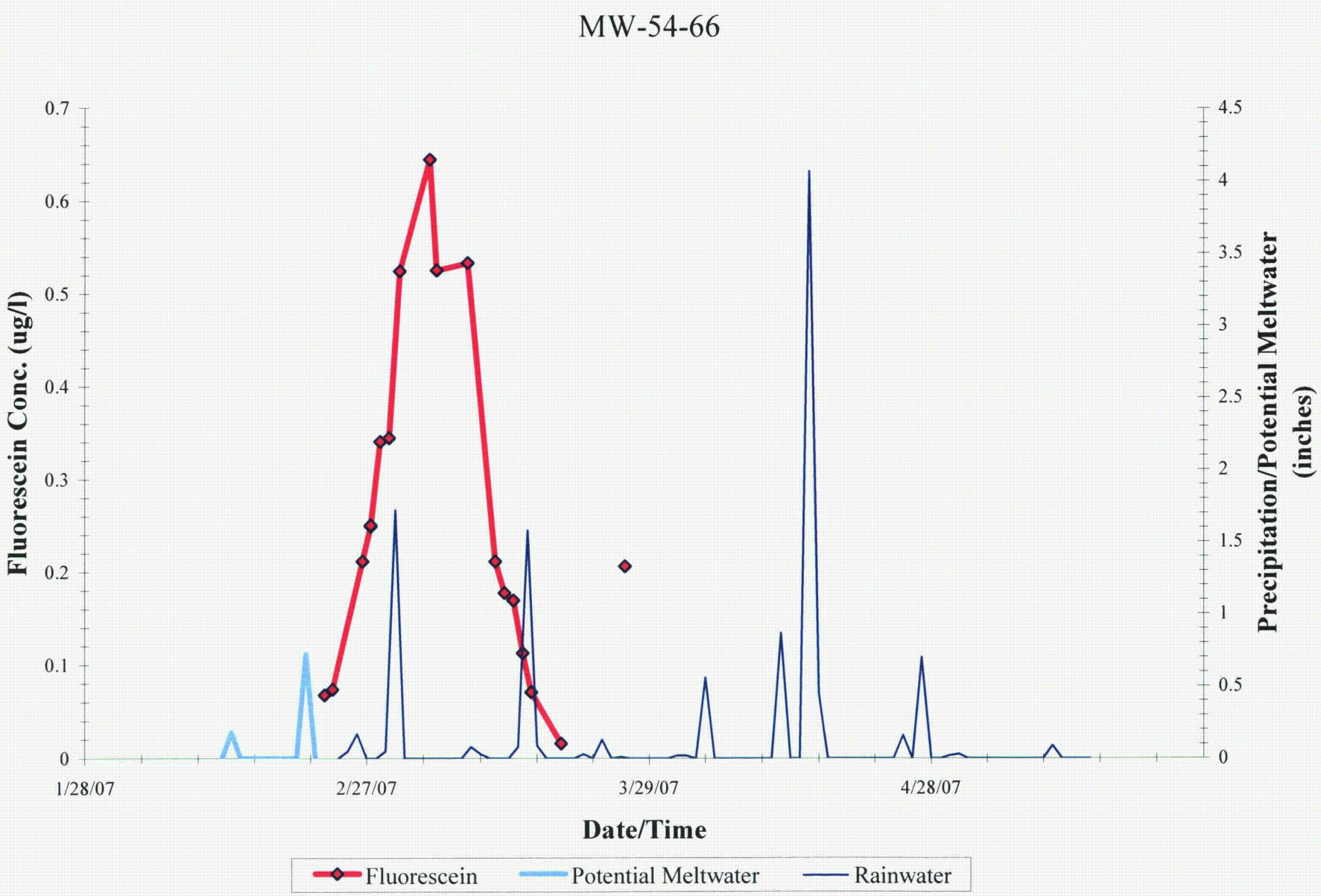

Fluorescein Conc. (ug/l)
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Precipitation/Potential Meltwater (inches)
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
1/28/07
2/27/07
3/29/07
4/28/07
5/28/07
Date/Time
MW-52-50
MW-52-19
MW-52-50
MW-52-69
MW-52-99
MW-52-137
MW-52-163
MW-52-194
Potential Meltwater
Rainwater


MW-53-80
Fluorescein Conc. (ug/l)
Precipitation/Potential Meltwater (inches)
Date/Time
1/28/07
2/27/07
3/29/07
4/28/07
0
1
2
3
4
5
6
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
Fluorescein
Potential Meltwater
Rainwater

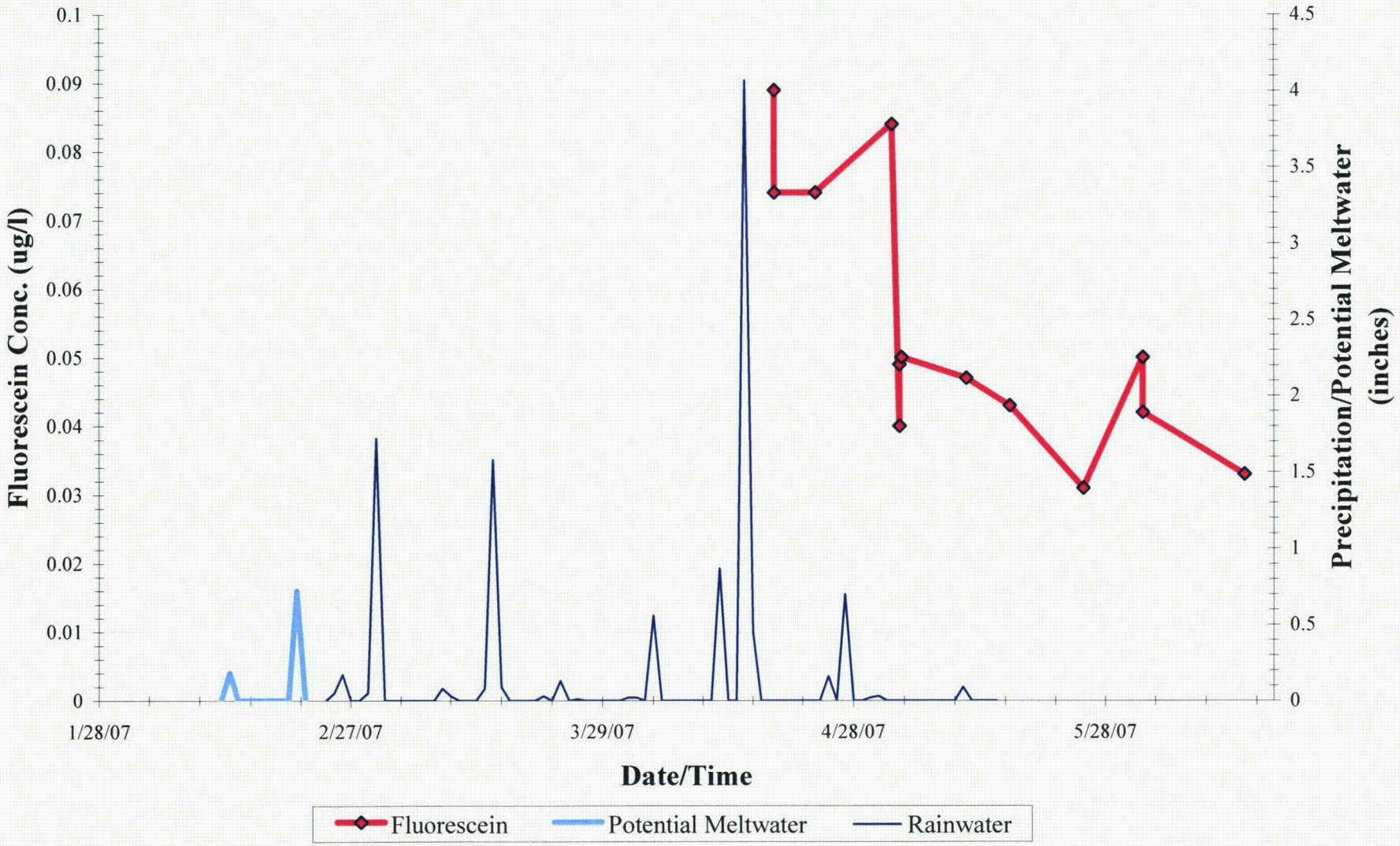

MW-54-40
Fluorescein Conc. (ug/l)
1.2
1
0.8
0.6
0.4
0.2
0
Precipitation/Potential Meltwater (inches)
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
1/28/07
2/27/07
3/29/07
4/28/07
Date/Time
Fluorescein
Potential Meltwater
Rainwater

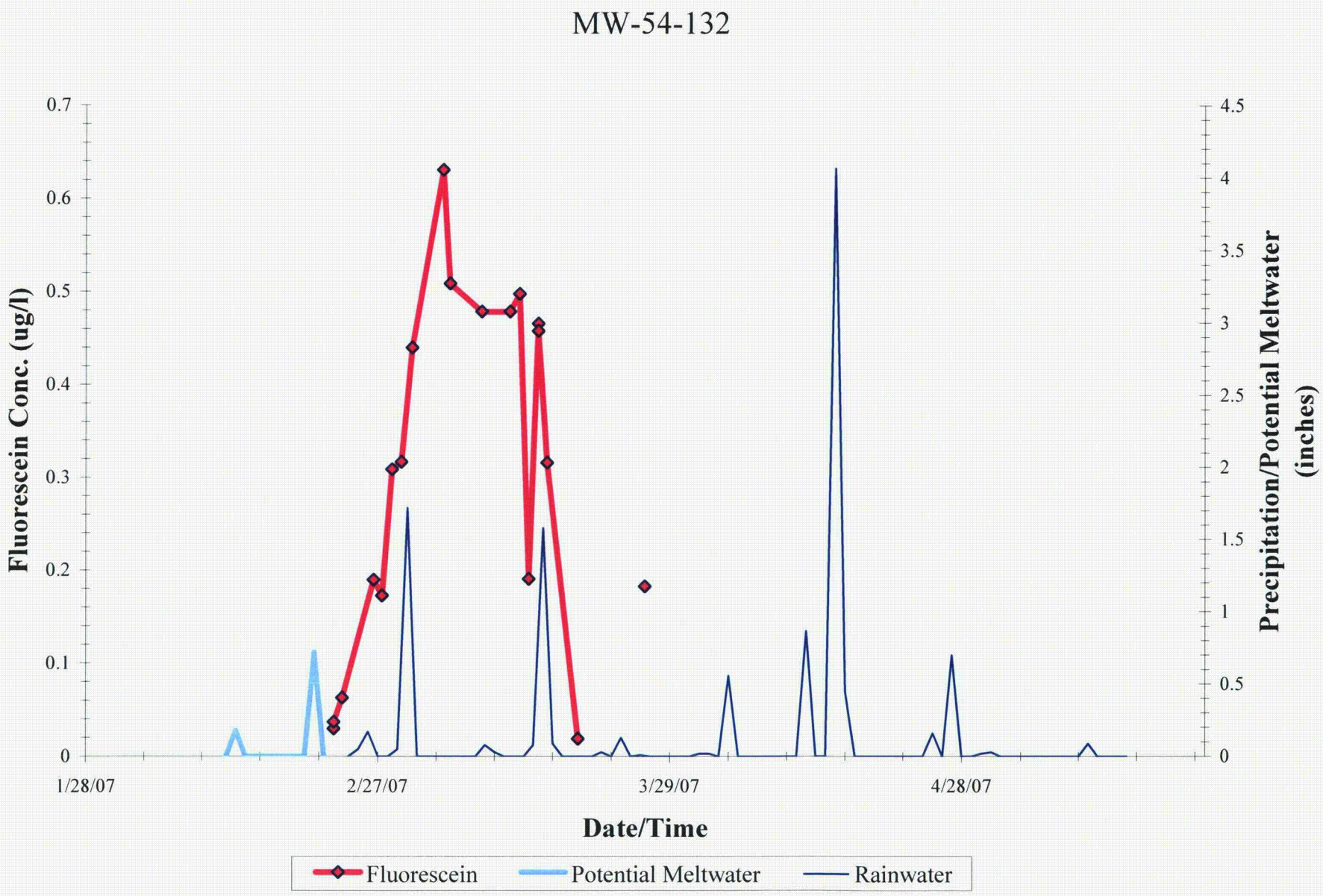
MW-54-59


1.2
1
0.8
0.6
0.4
0.2
0
Fluorescein Conc. (ug/l)
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
Precipitation/Potential Meltwater (inches)
1/28/07
2/27/07
3/29/07
4/28/07
Date/Time
Fluorescein
Potential Meltwater
Rainwater

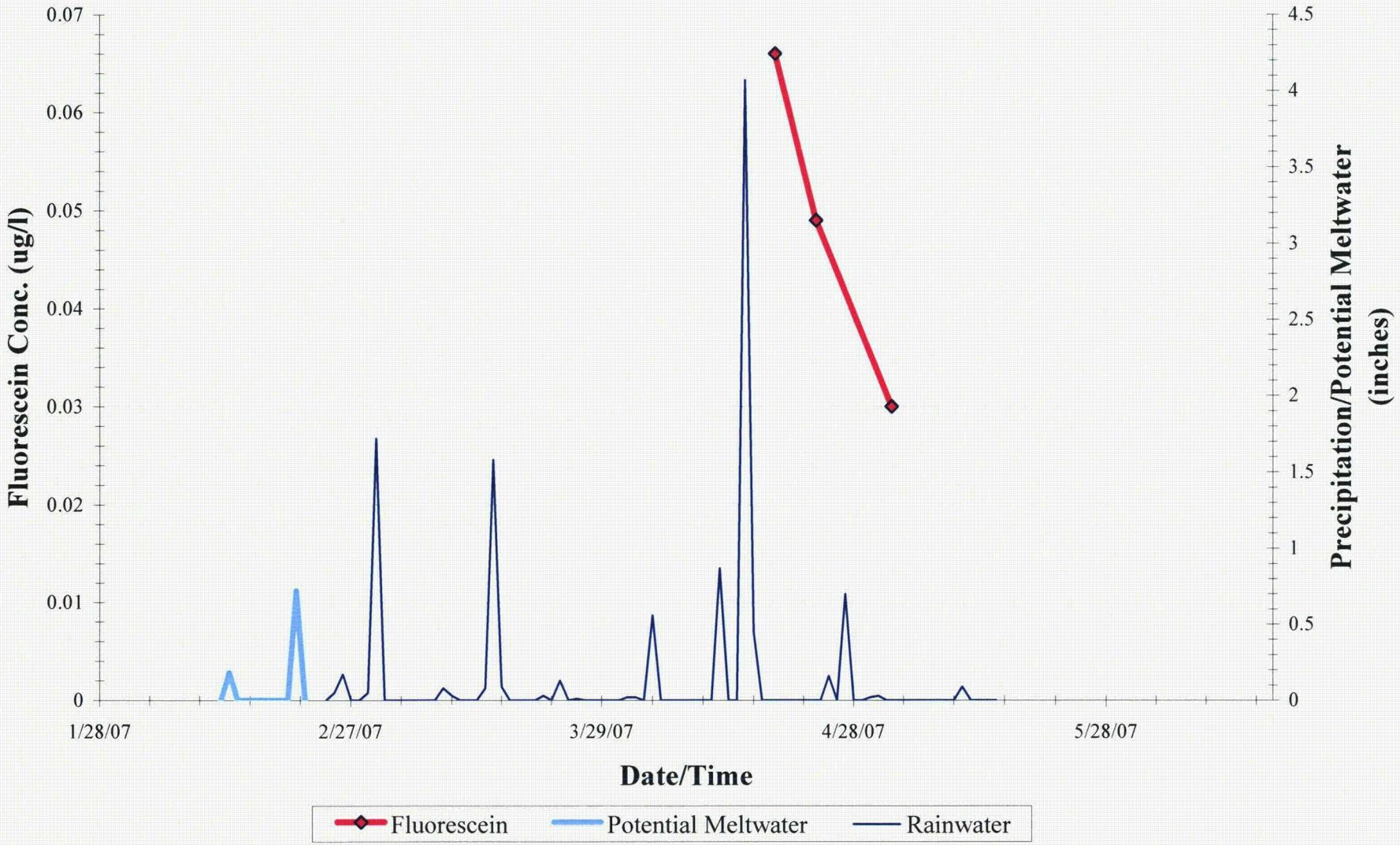

MW-54-66
Fluorescein Conc. (ug/l)
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Precipitation/Potential Meltwater (inches)
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
1/28/07
2/27/07
3/29/07
4/28/07
Date/Time
Fluorescein
Potential Meltwater
Rainwater

MW-54-125


Fluorescein Conc. (ug/l)
0.1
0.09
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0
Precipitation/Potential Meltwater (inches)
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
1/28/07
2/27/07
3/29/07
4/28/07
5/28/07
Date/Time
Fluorescein
Potential Meltwater
Rainwater


MW-54-132
Fluorescein Conc. (ug/l)
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Precipitation/Potential Meltwater (inches)
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
1/28/07
2/27/07
3/29/07
4/28/07
Date/Time
Fluorescein
Potential Meltwater
Rainwater

MW-54-146


0.07
0.06
0.05
0.04
0.03
0.02
0.01
0
Fluorescein Conc. (ug/l)
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
Precipitation/Potential Meltwater (inches)
1/28/07
2/27/07
3/29/07
4/28/07
5/28/07
Date/Time
Fluorescein
Potential Meltwater
Rainwater