Appendix C - Coastal Profiling System Lines

The following plots contain each of the Coastal Profiling System (CPS) lines collected by the USGS as part of the Santa Barbara and Ventura County Coastal Processes Study in the five focus areas: Ellwood/Isla Vista/Goleta, Carpinteria, Rincon Parkway, Ventura/Santa Clara River Mouths, and Mugu Canyon. The first set of plots in each focus area contains the entire line, and the second set (focus plots) highlights the most active portion of the profile, specified as depths shallower than -5 m. For more information on survey parameters, data processing, et cetera, see Chapter 4.

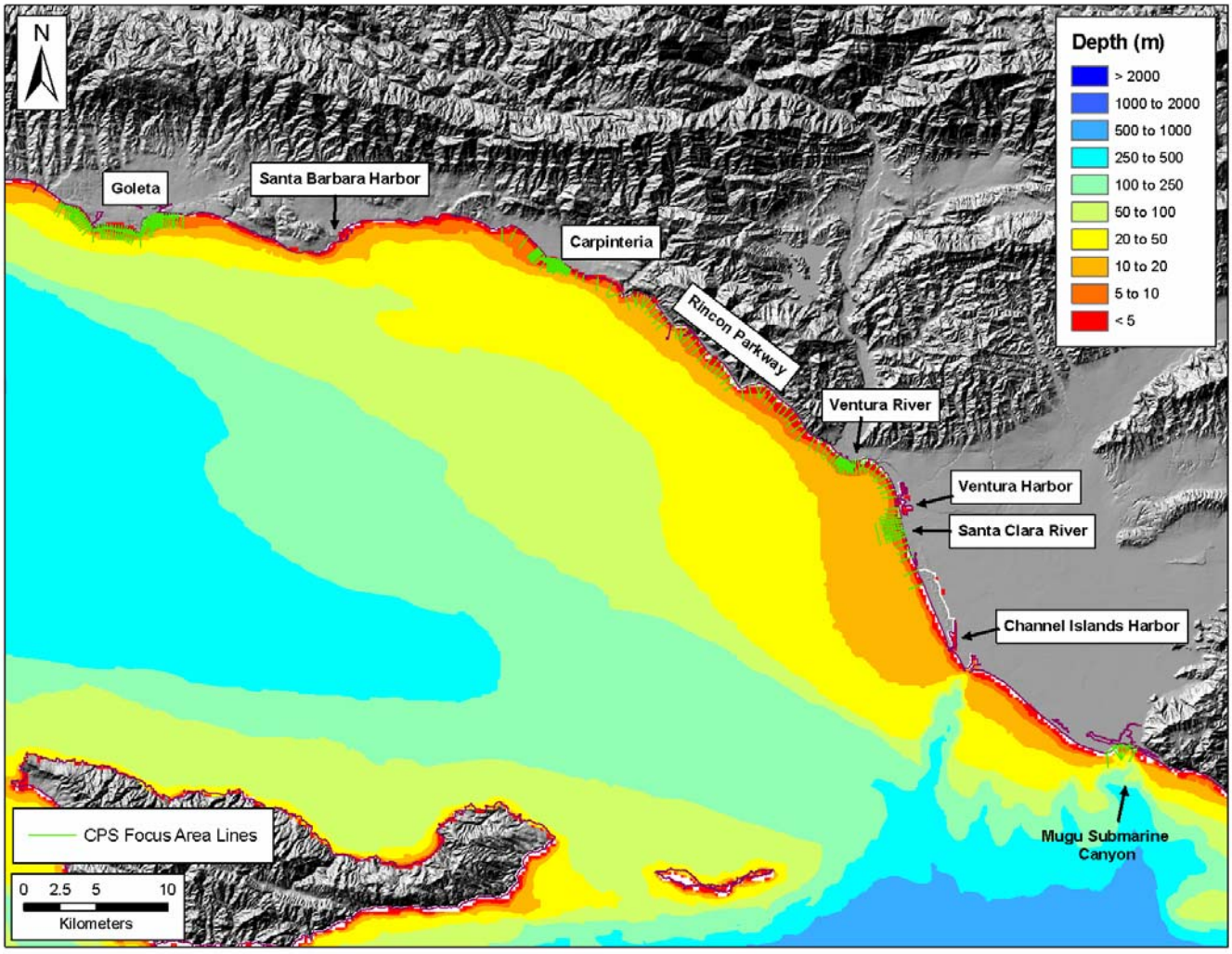


Figure C1. All focus area Coastal Profiling System survey line locations.

Ellwood/isla Vista/Goleta



Figure C2. Ellwood/Isla Vista/Goleta Coastal Profiling System survey line locations.

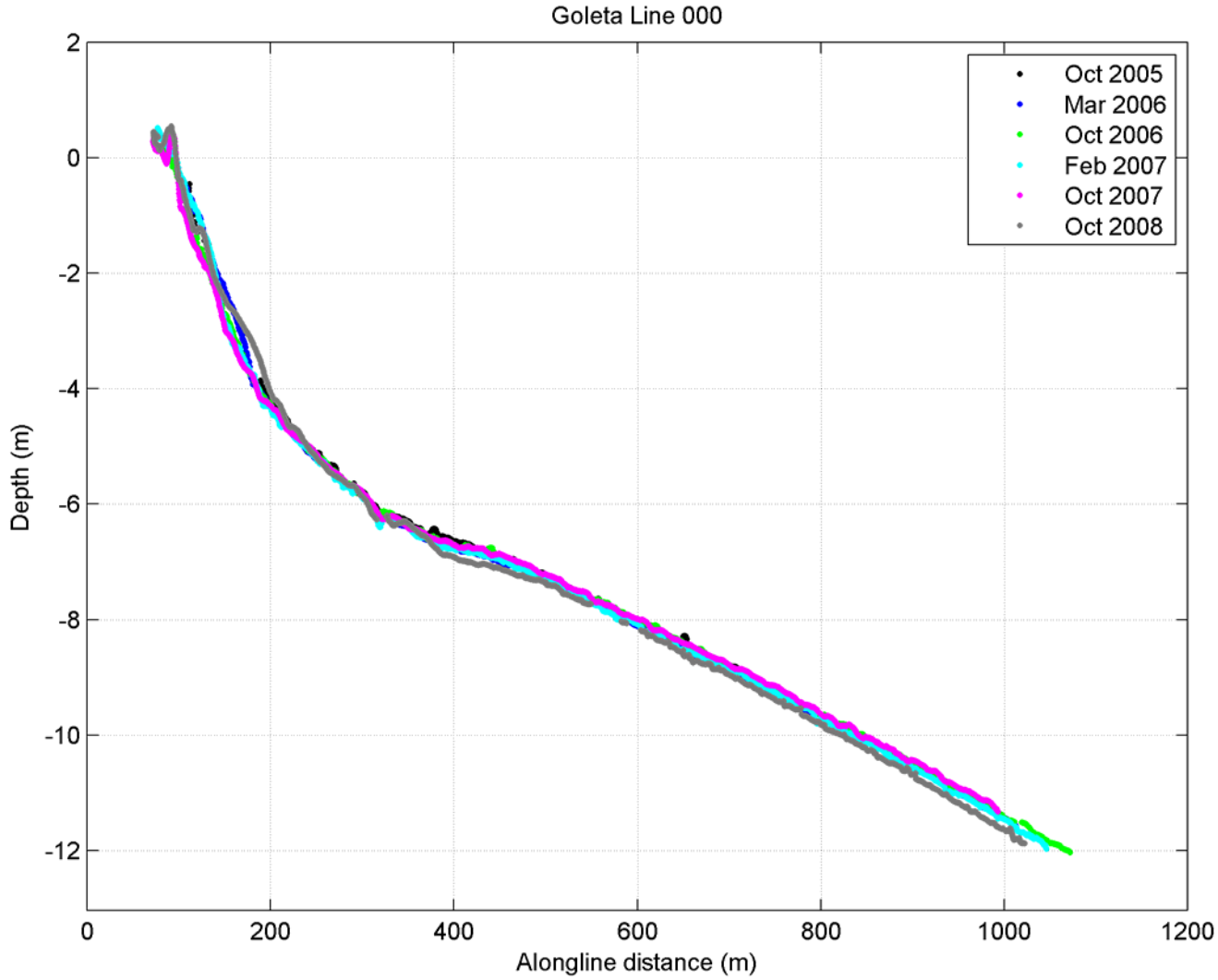
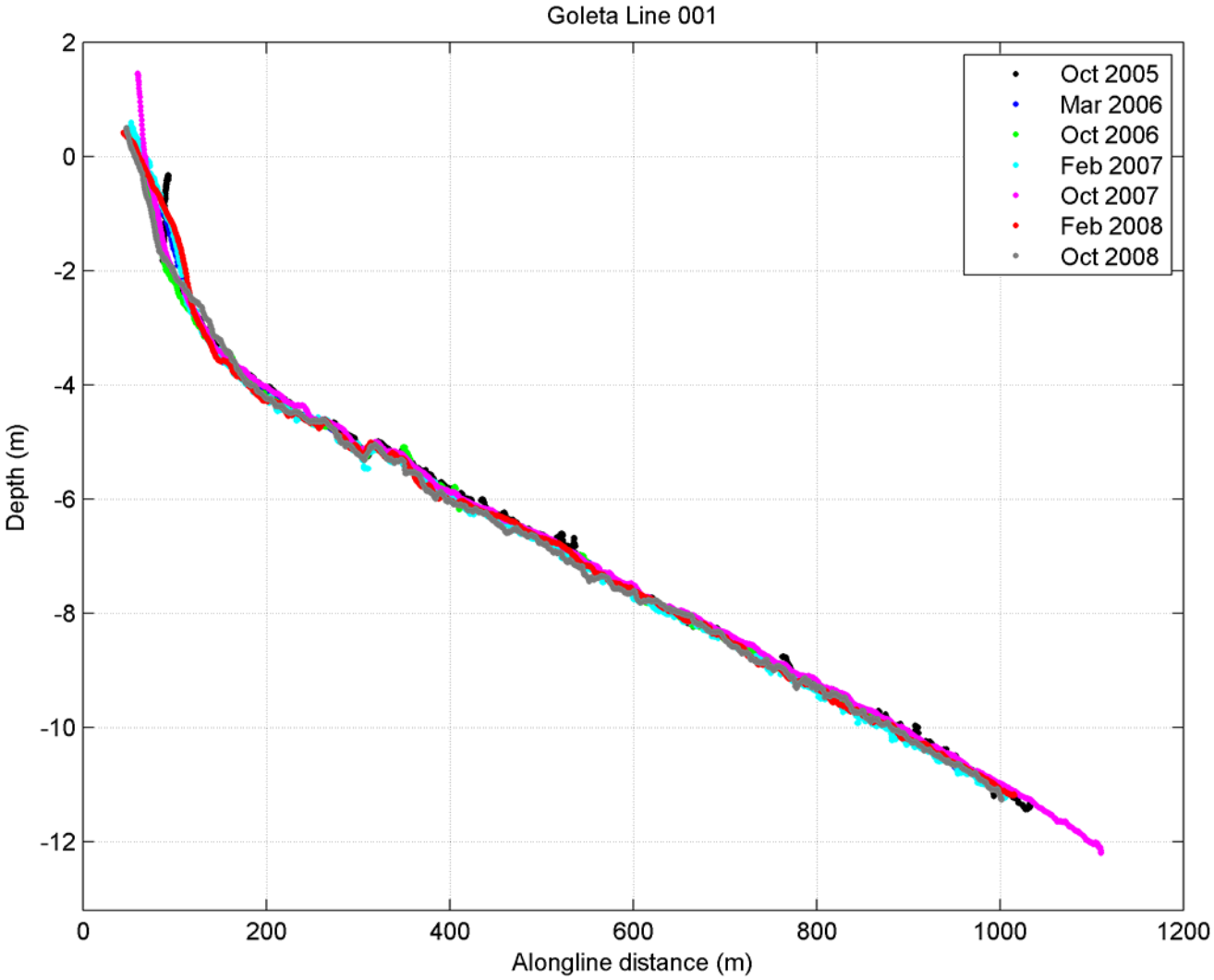
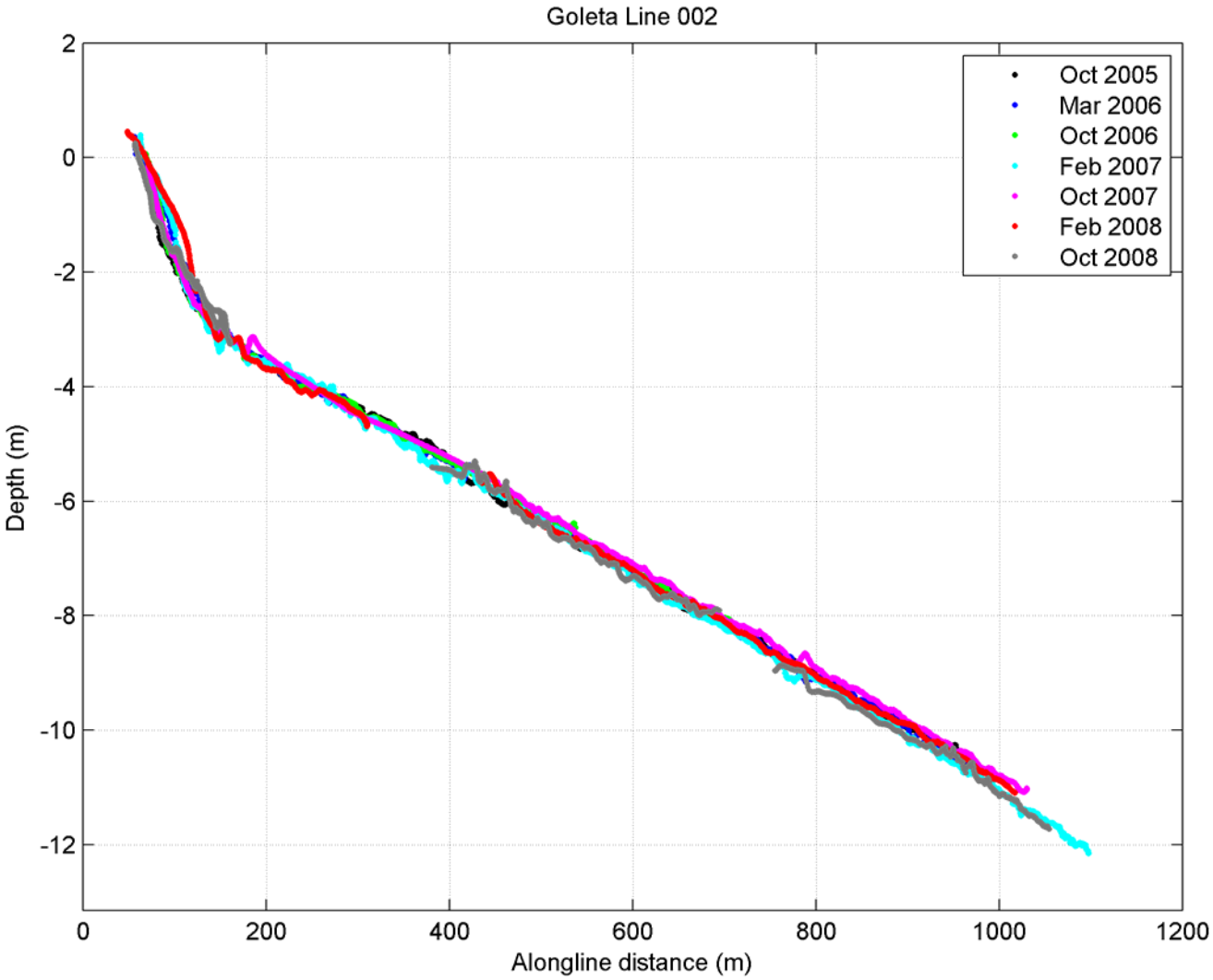
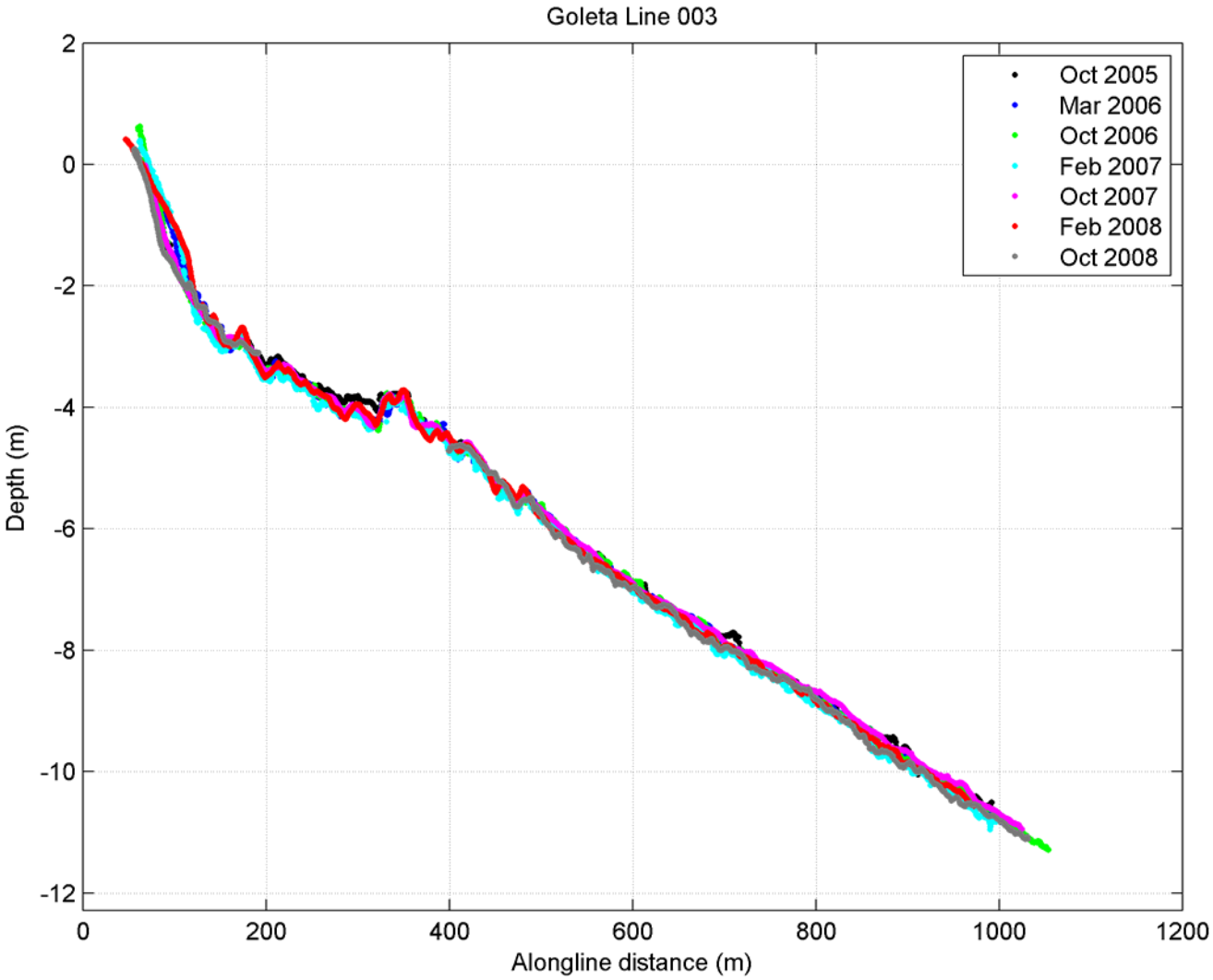
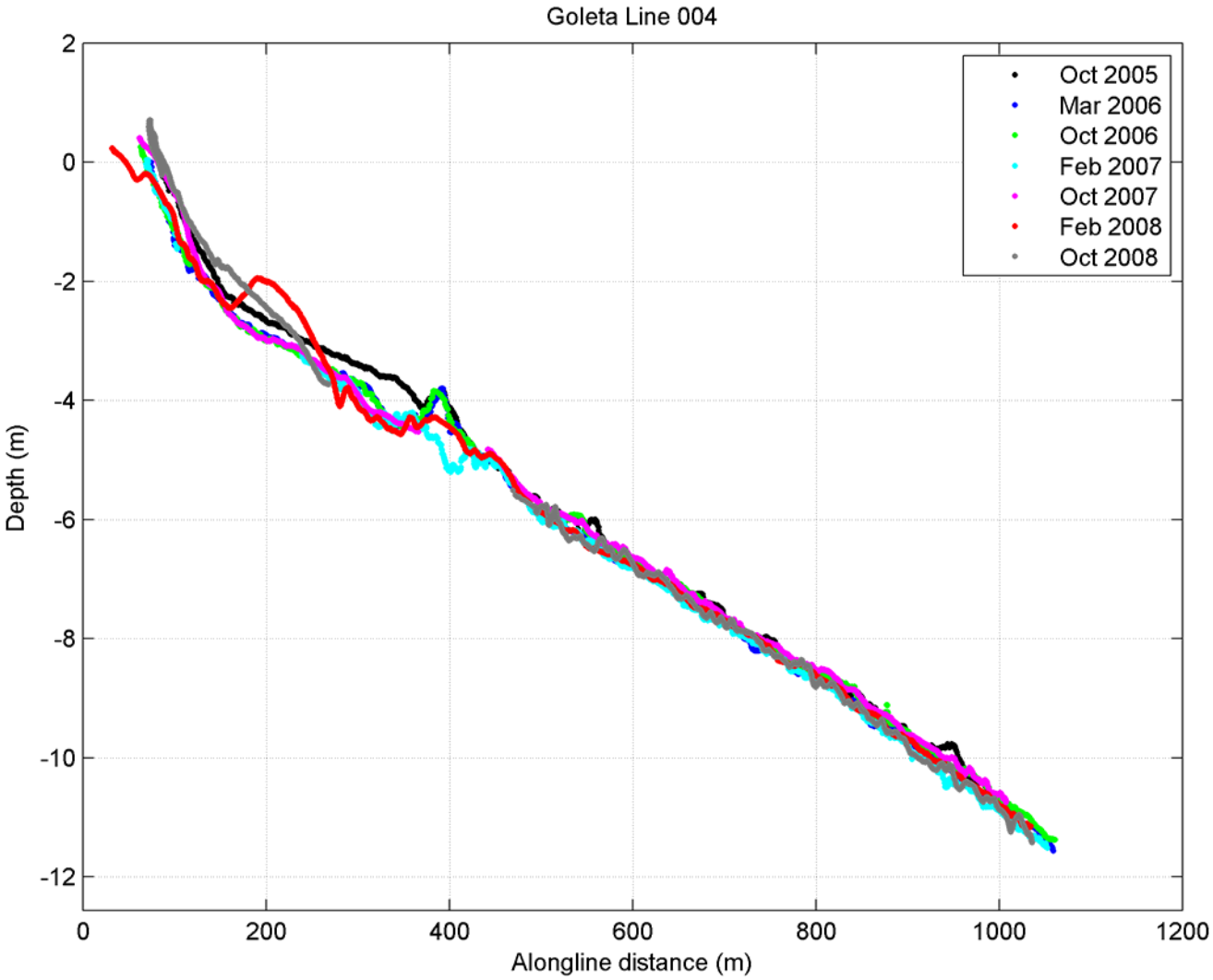


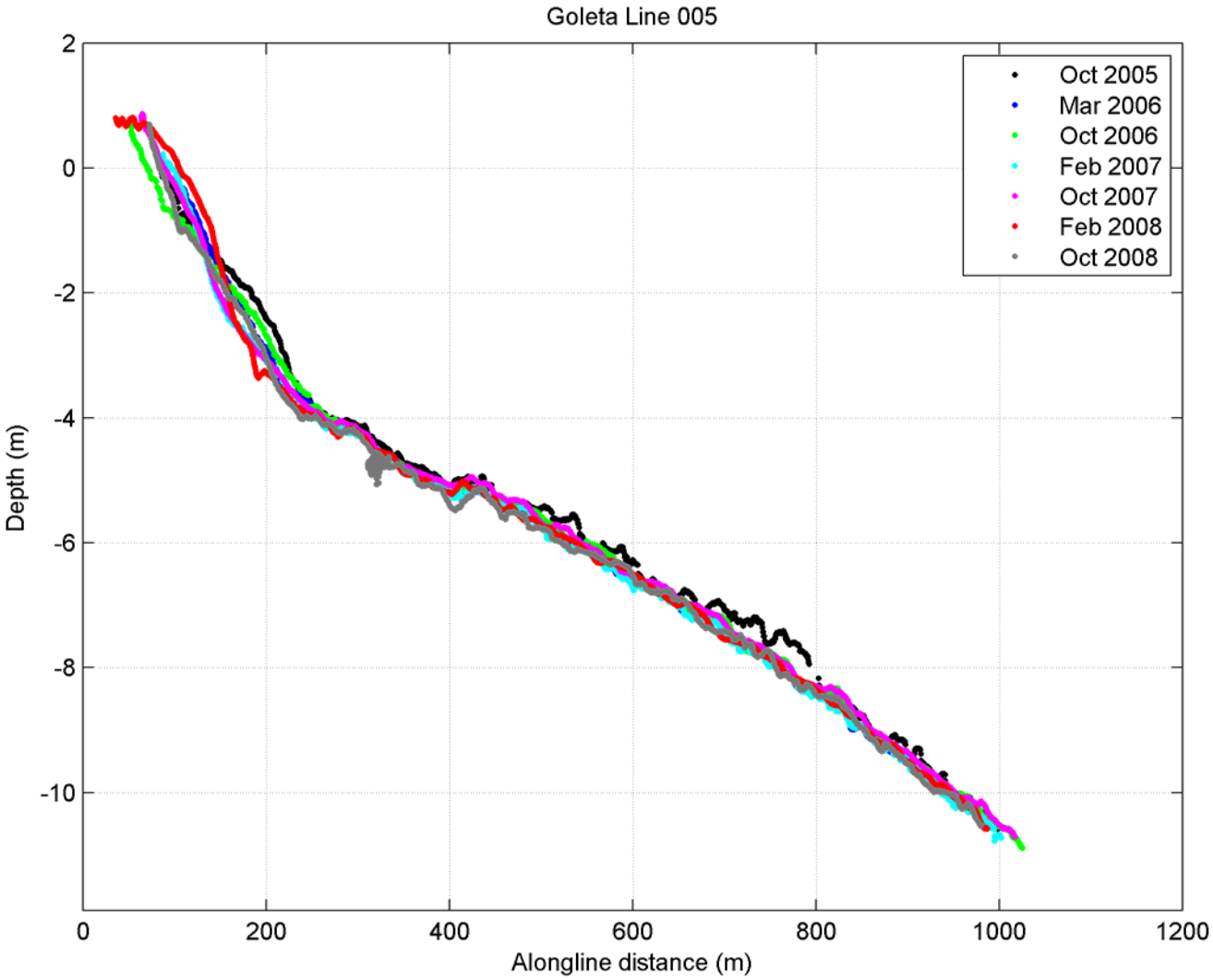
Figure C3. Ellwood/Isla Vista/Goleta Coastal Profiling System plots, survey lines 0 - 73.

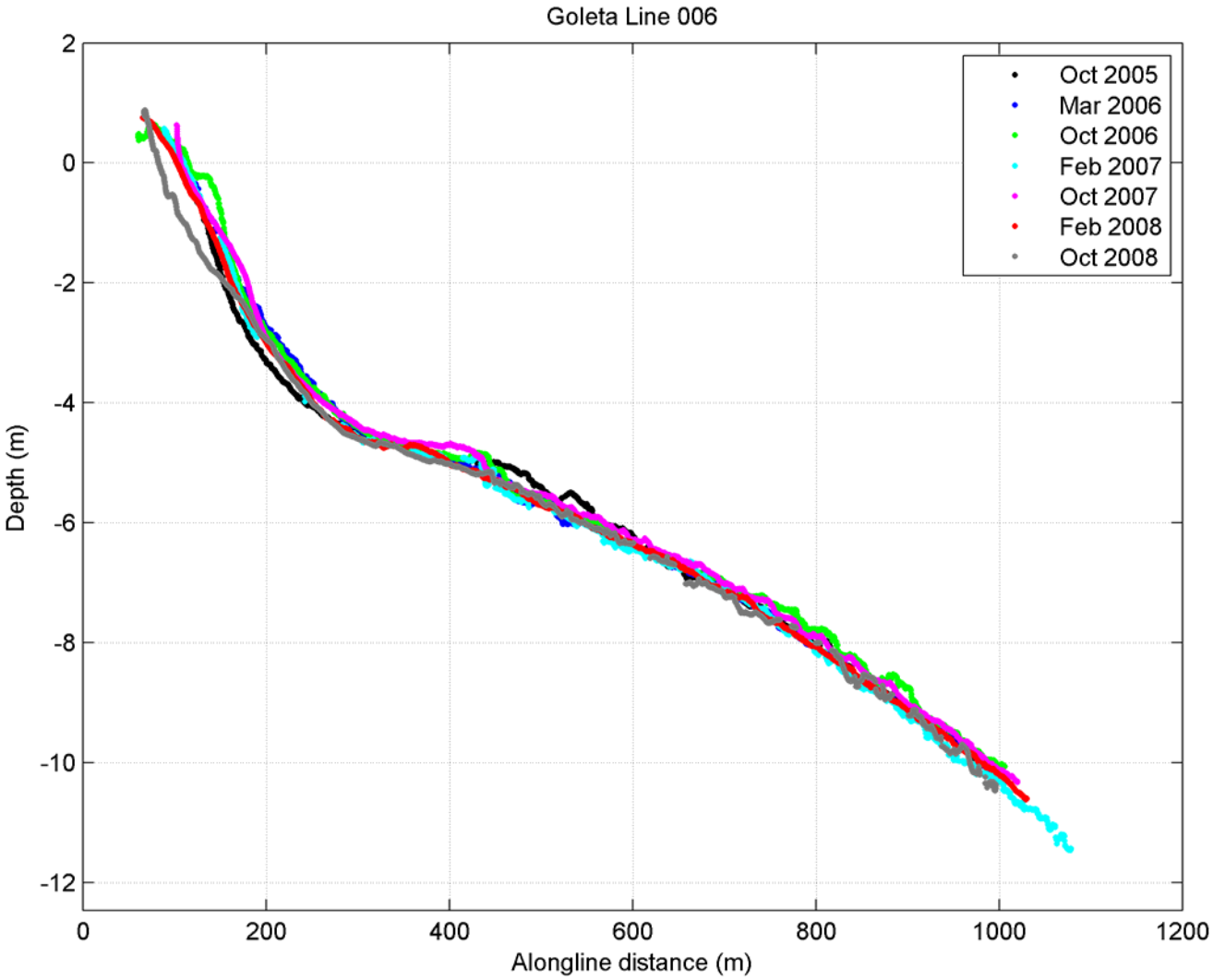

Goleta Line 001
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
-12
0
200
400
600
800
1000
1200

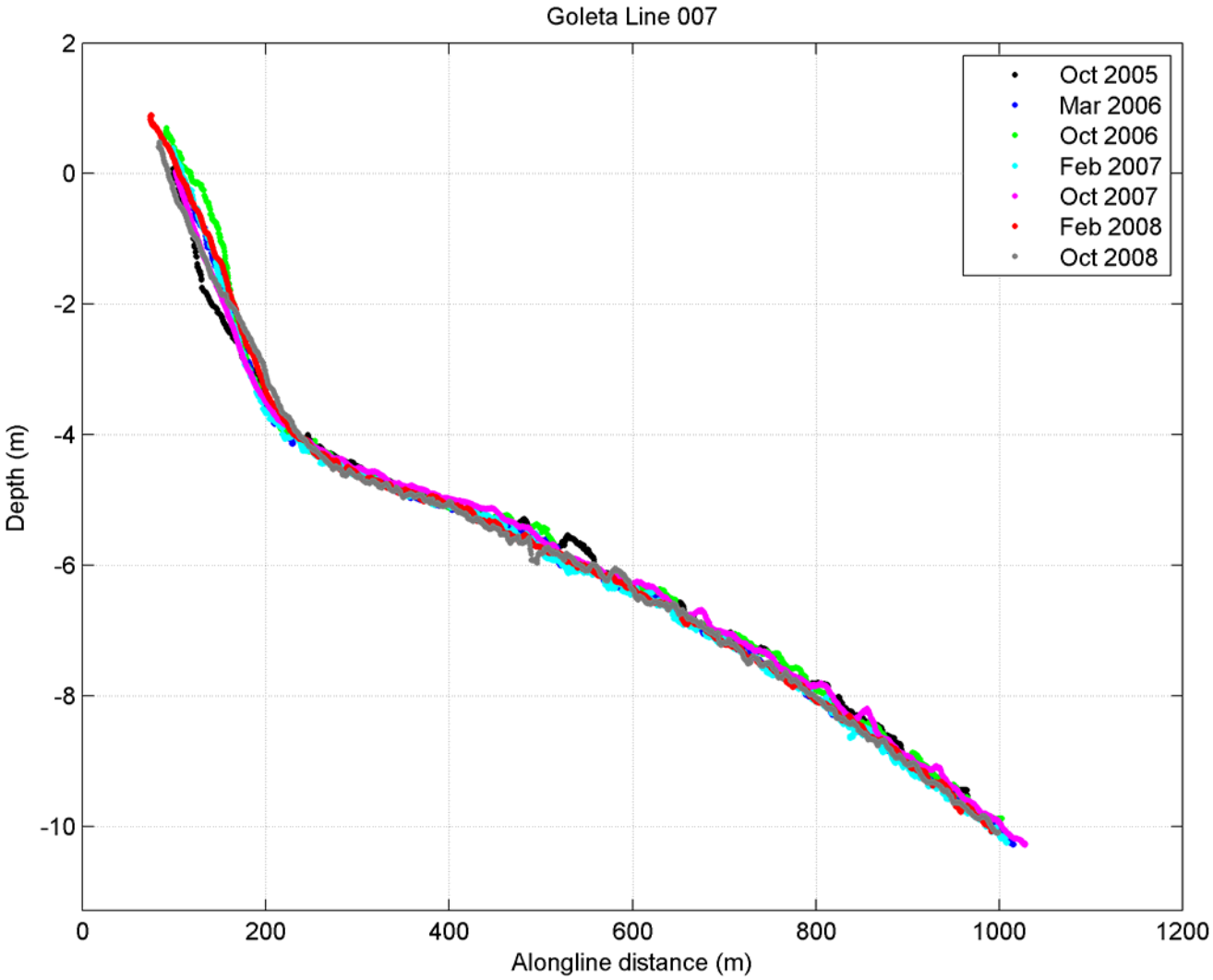

Goleta Line 002
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
-12
0
200
400
600
800
1000
1200

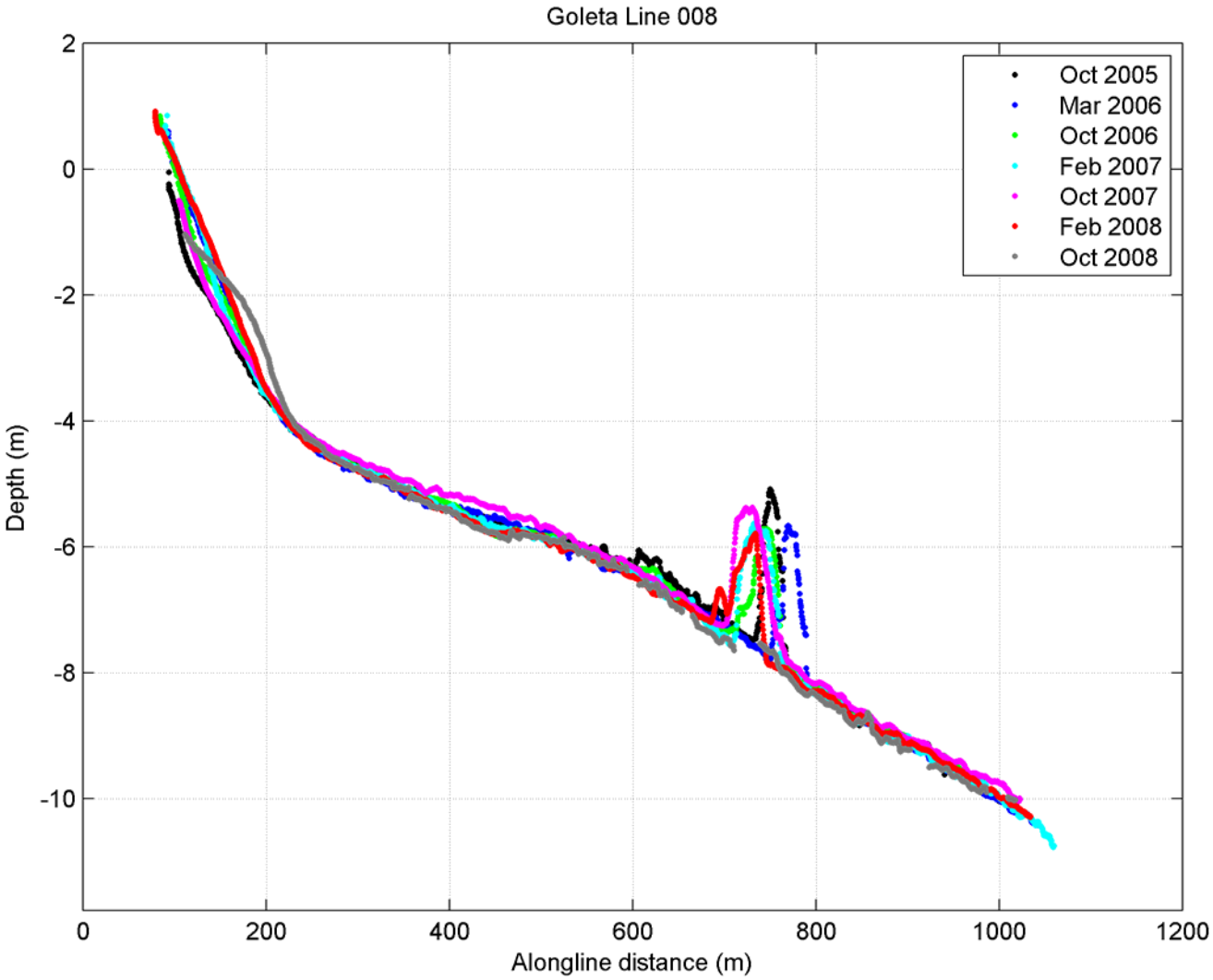

Goleta Line 003
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
-12
0
200
400
600
800
1000
1200

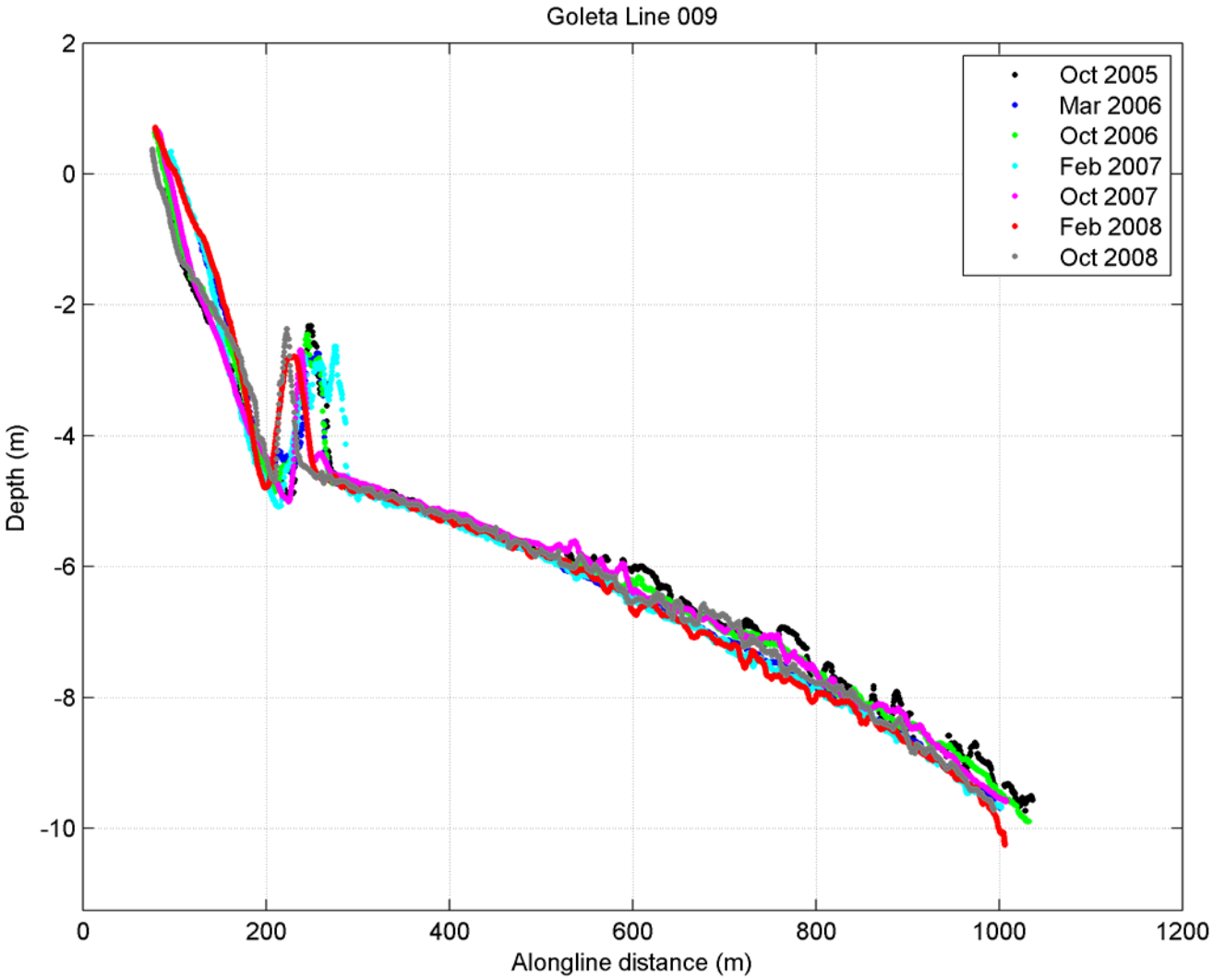

Goleta Line 004
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
-12
0
200
400
600
800
1000
1200

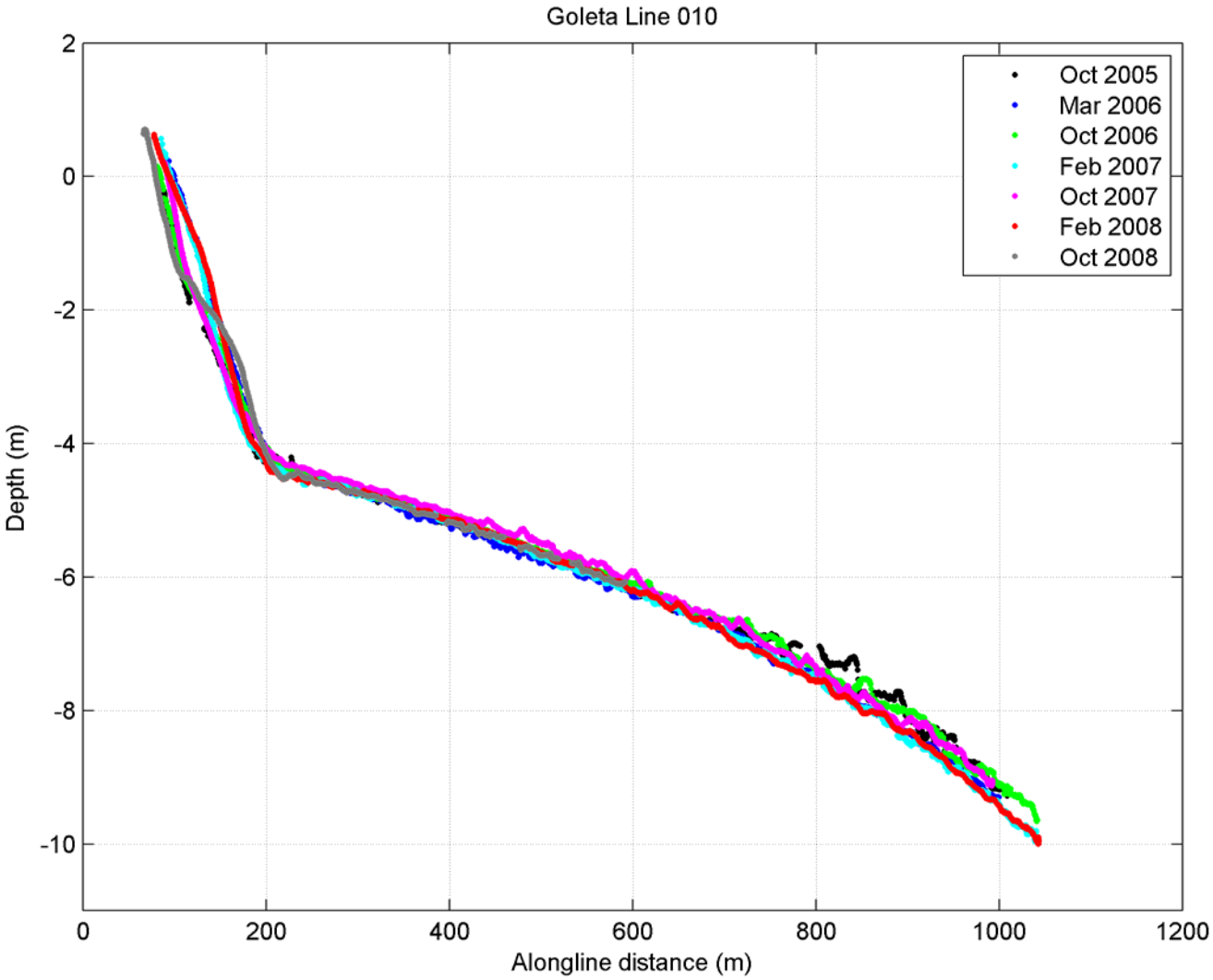

Goleta Line 005
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
0
200
400
600
800
1000
1200

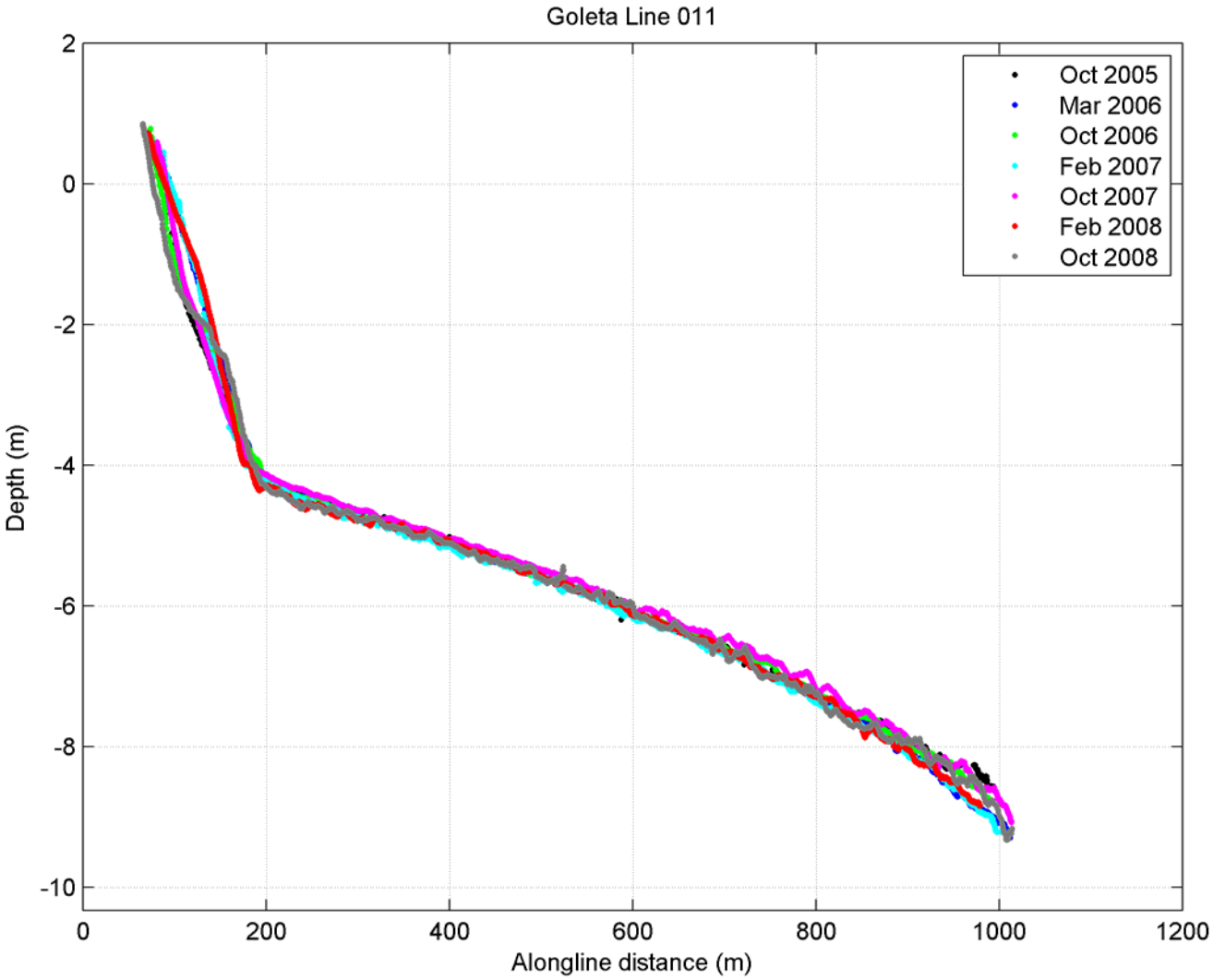

Goleta Line 006
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
-12
0
200
400
600
800
1000
1200

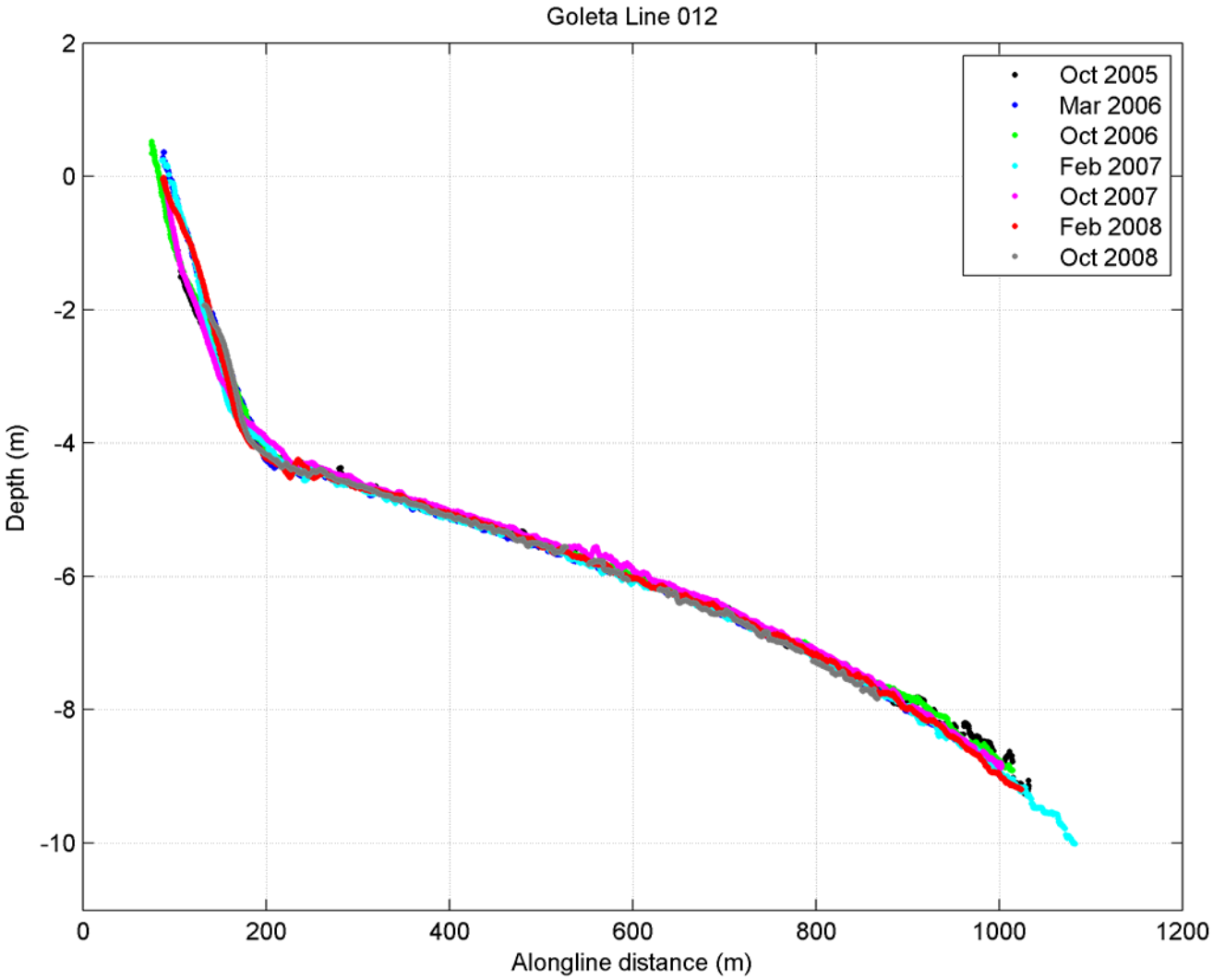

Goleta Line 007
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
0
200
400
600
800
1000
1200

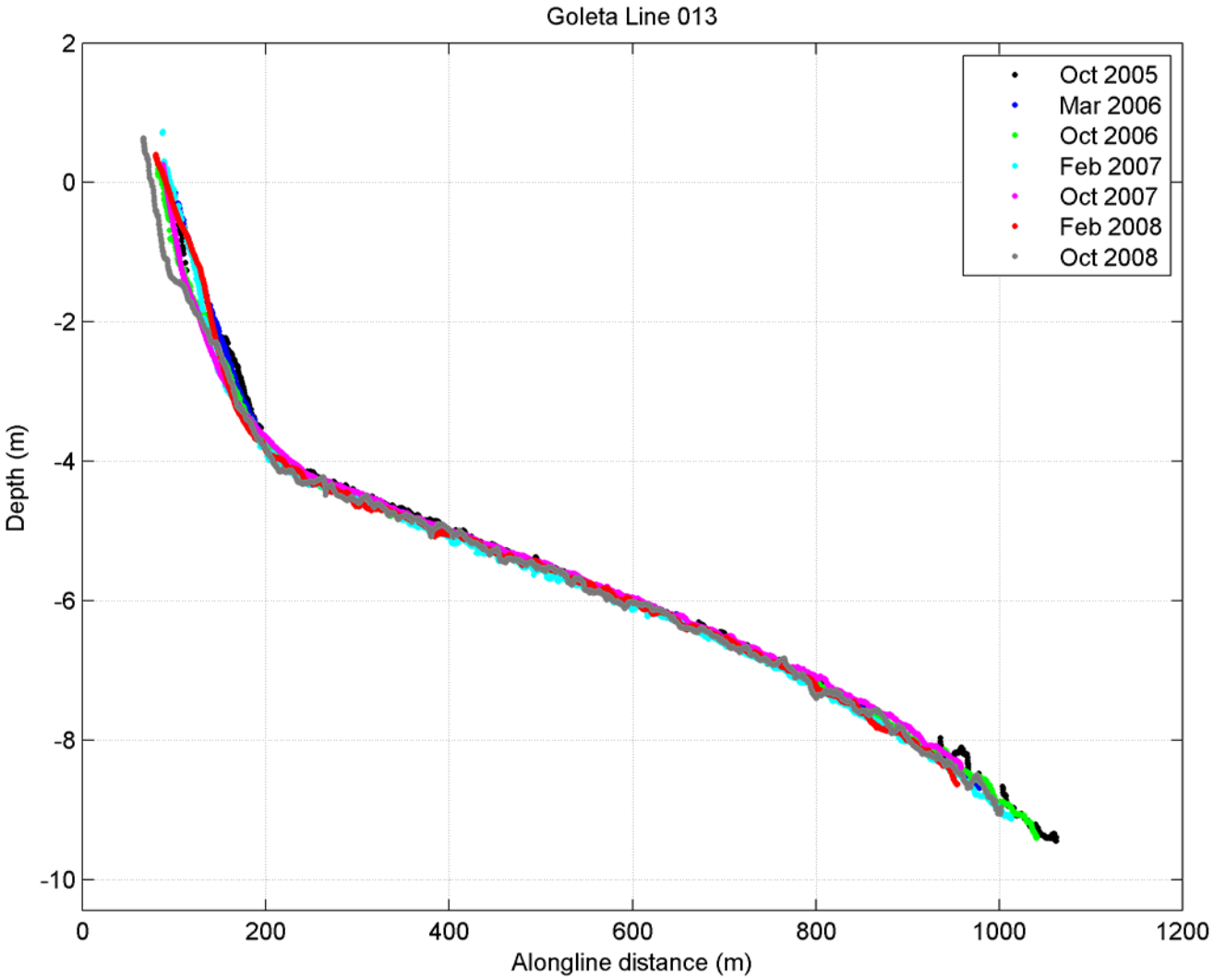

Goleta Line 008
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
0
200
400
600
800
1000
1200

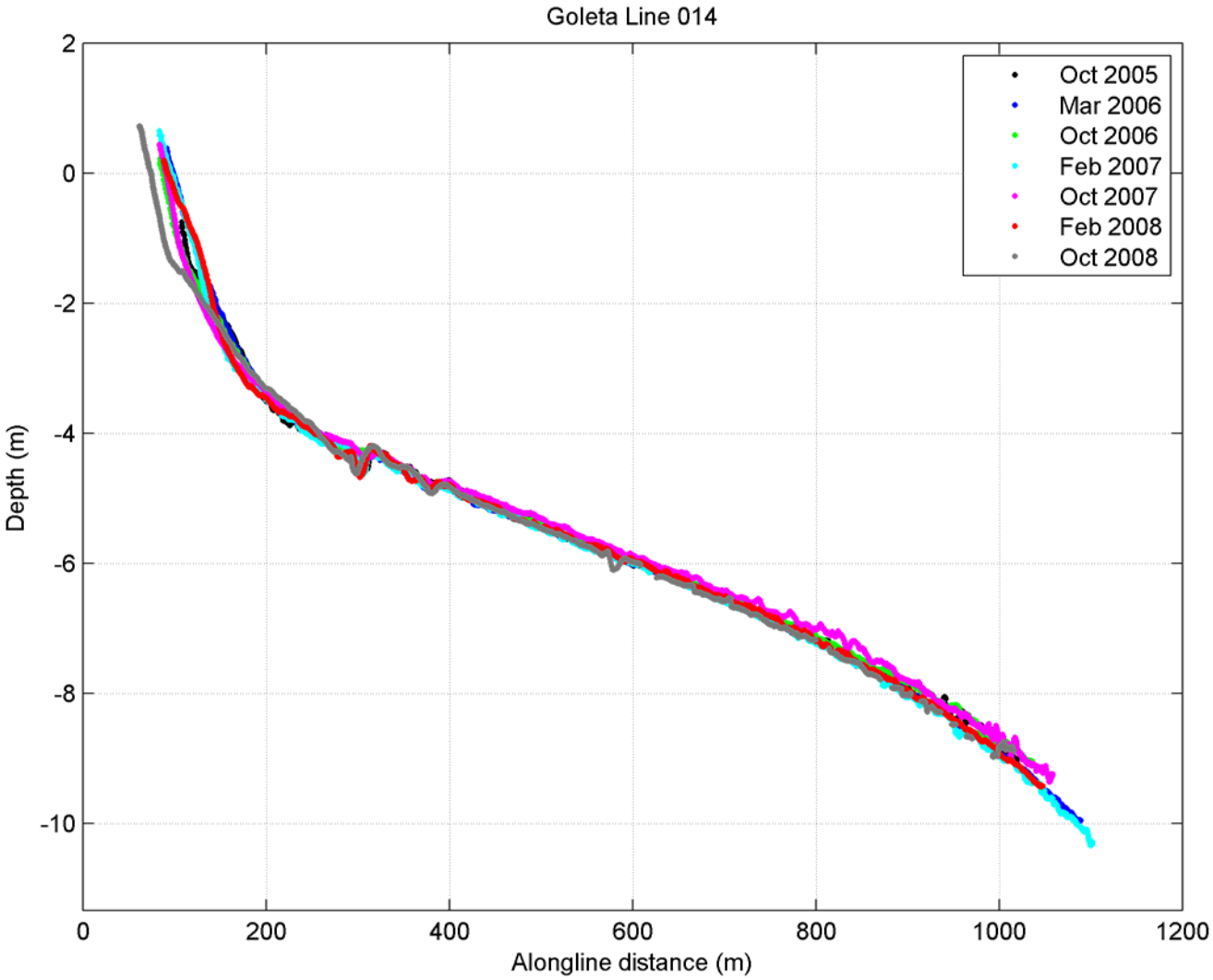

Goleta Line 009
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
0
200
400
600
800
1000
1200

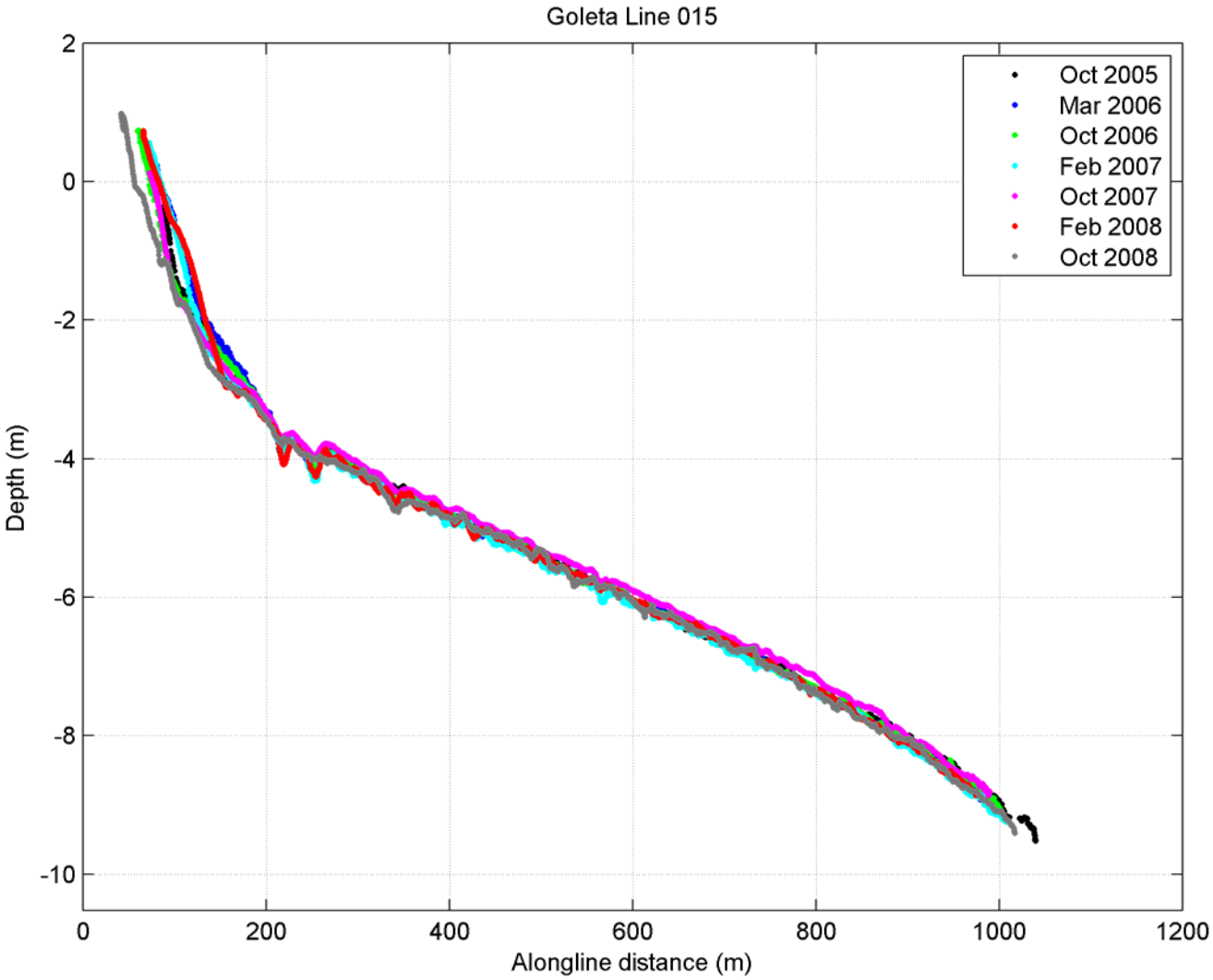

Goleta Line 010
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
0
200
400
600
800
1000
1200

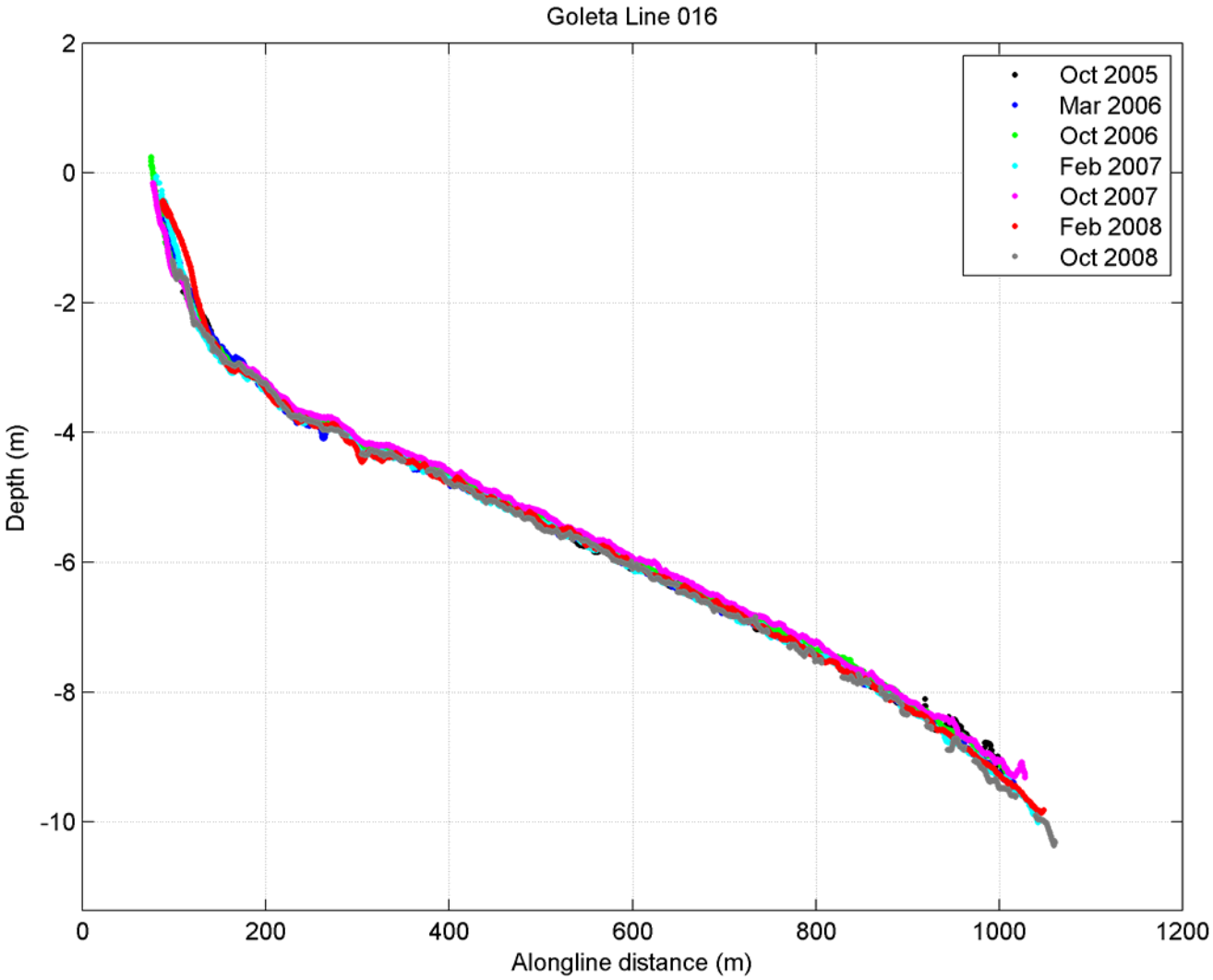

Goleta Line 011
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
0
200
400
600
800
1000
1200

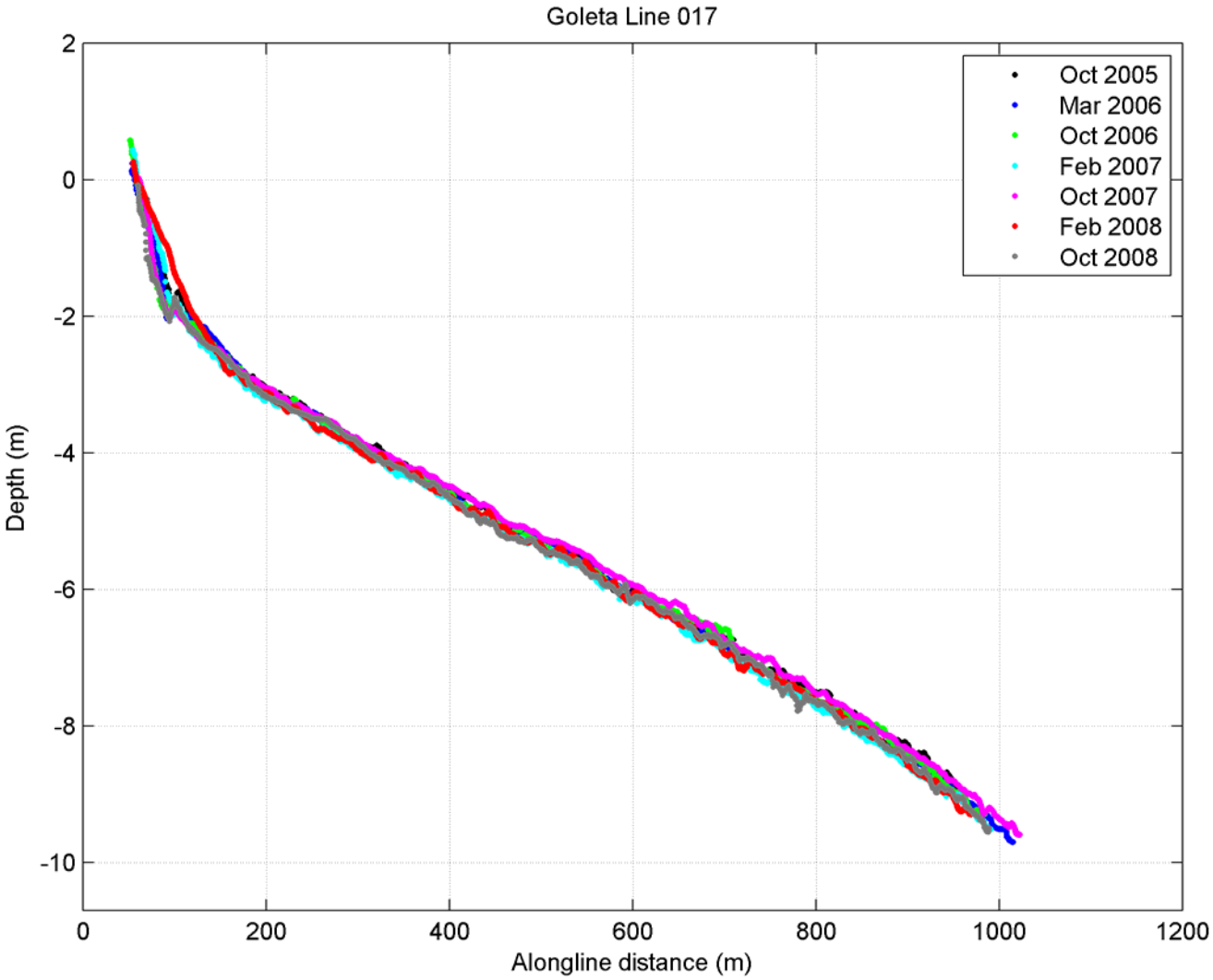

Goleta Line 012
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
0
200
400
600
800
1000
1200

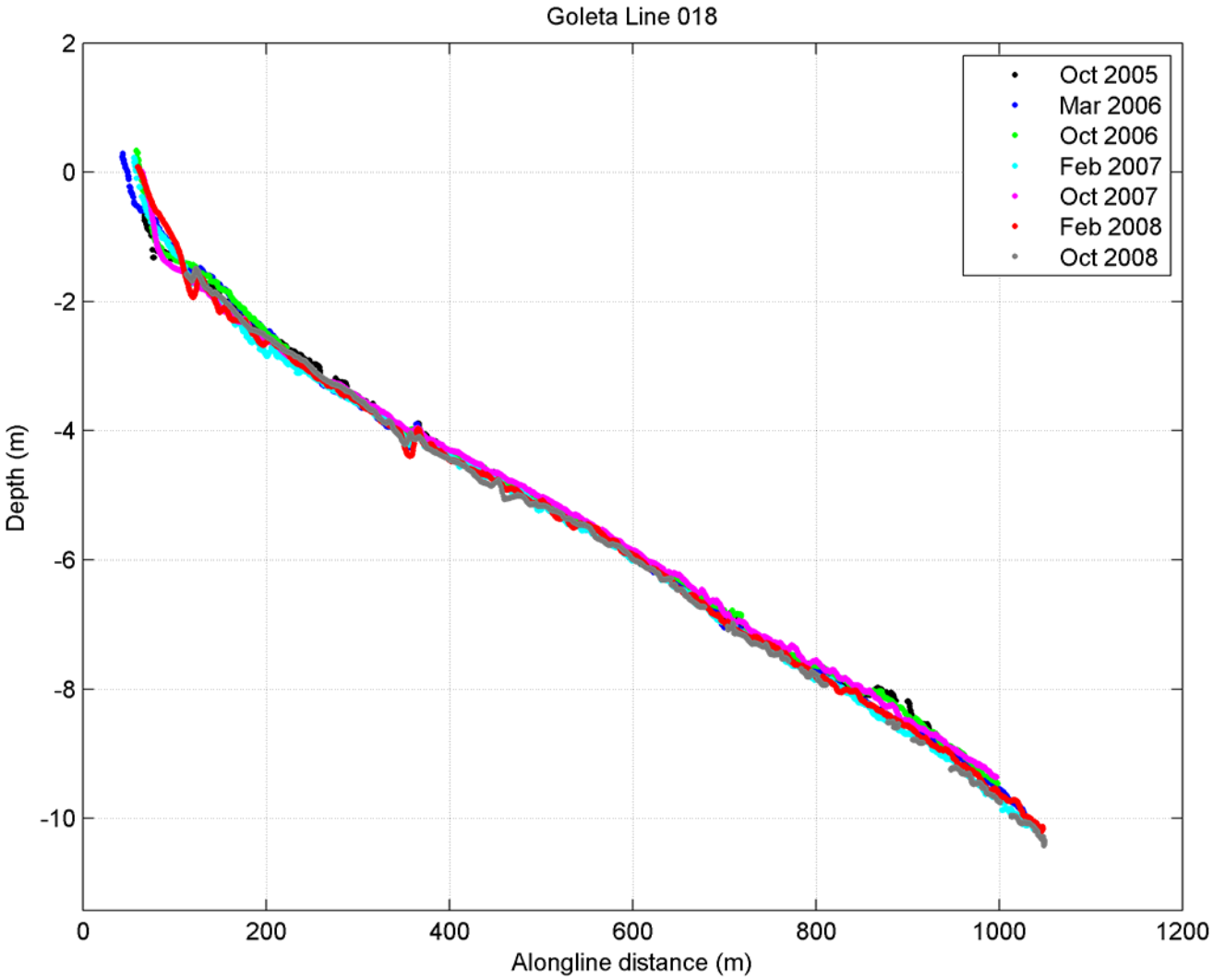

Goleta Line 013
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
0
200
400
600
800
1000
1200

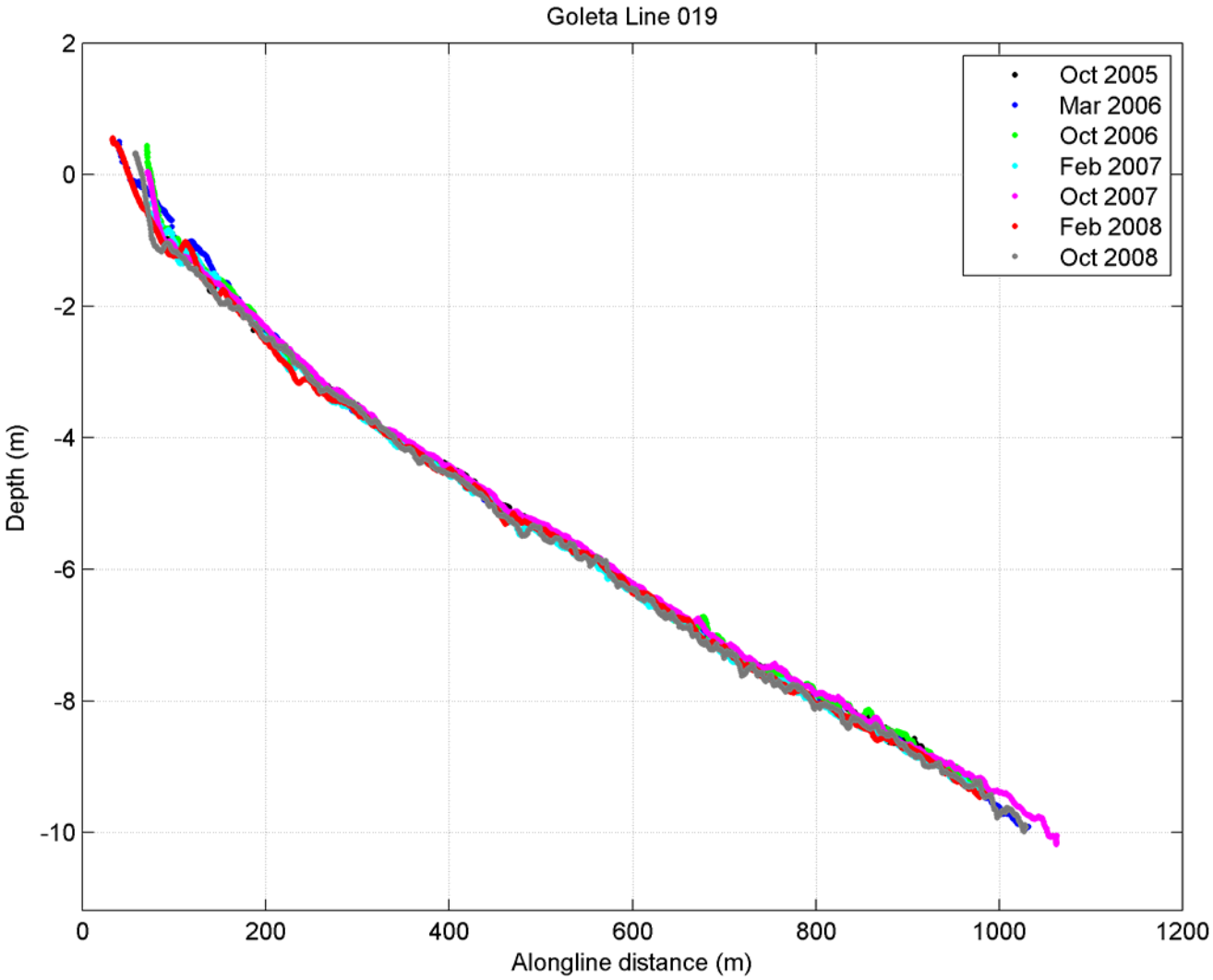

Goleta Line 014
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
0
200
400
600
800
1000
1200

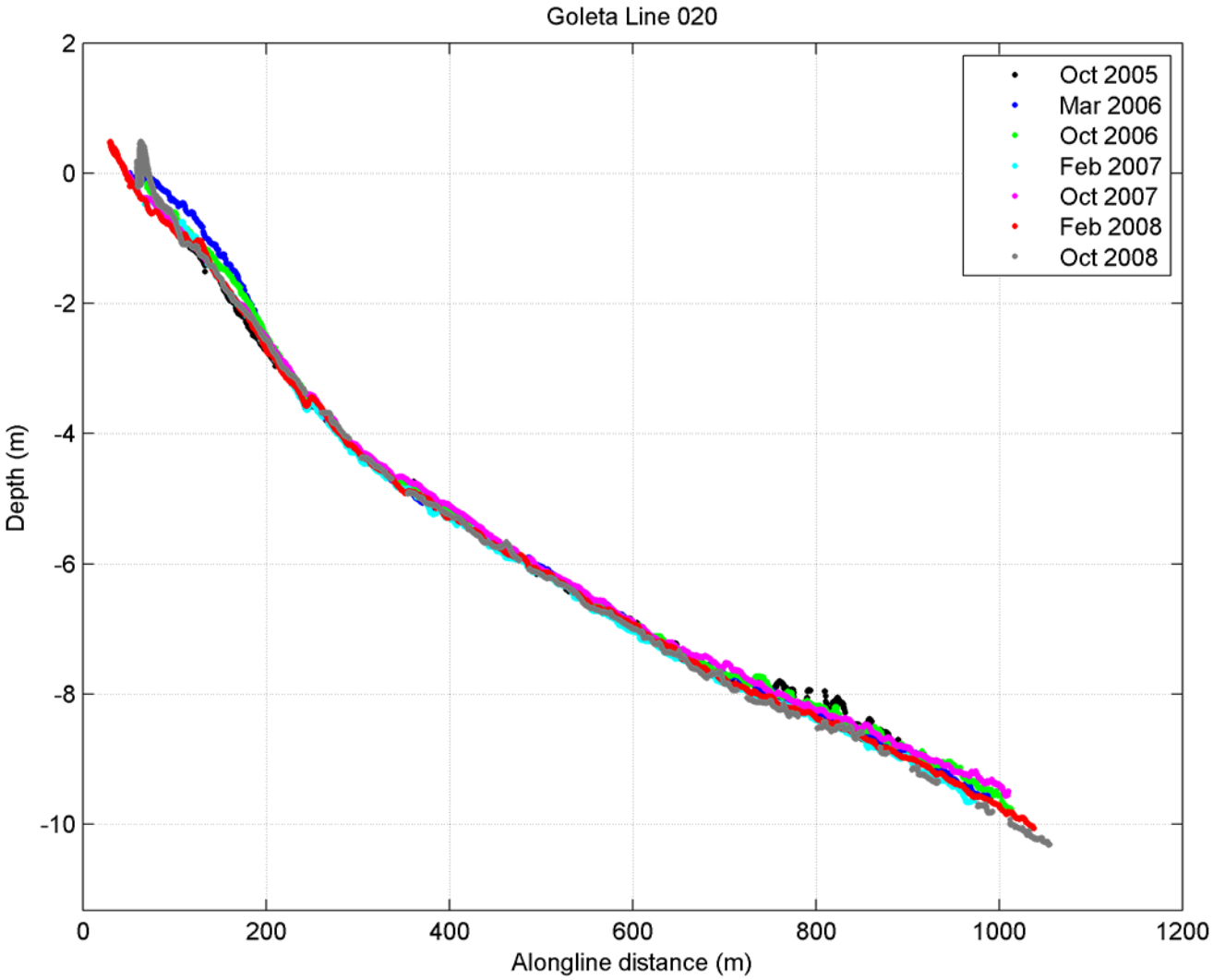

Goleta Line 015
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
0
200
400
600
800
1000
1200

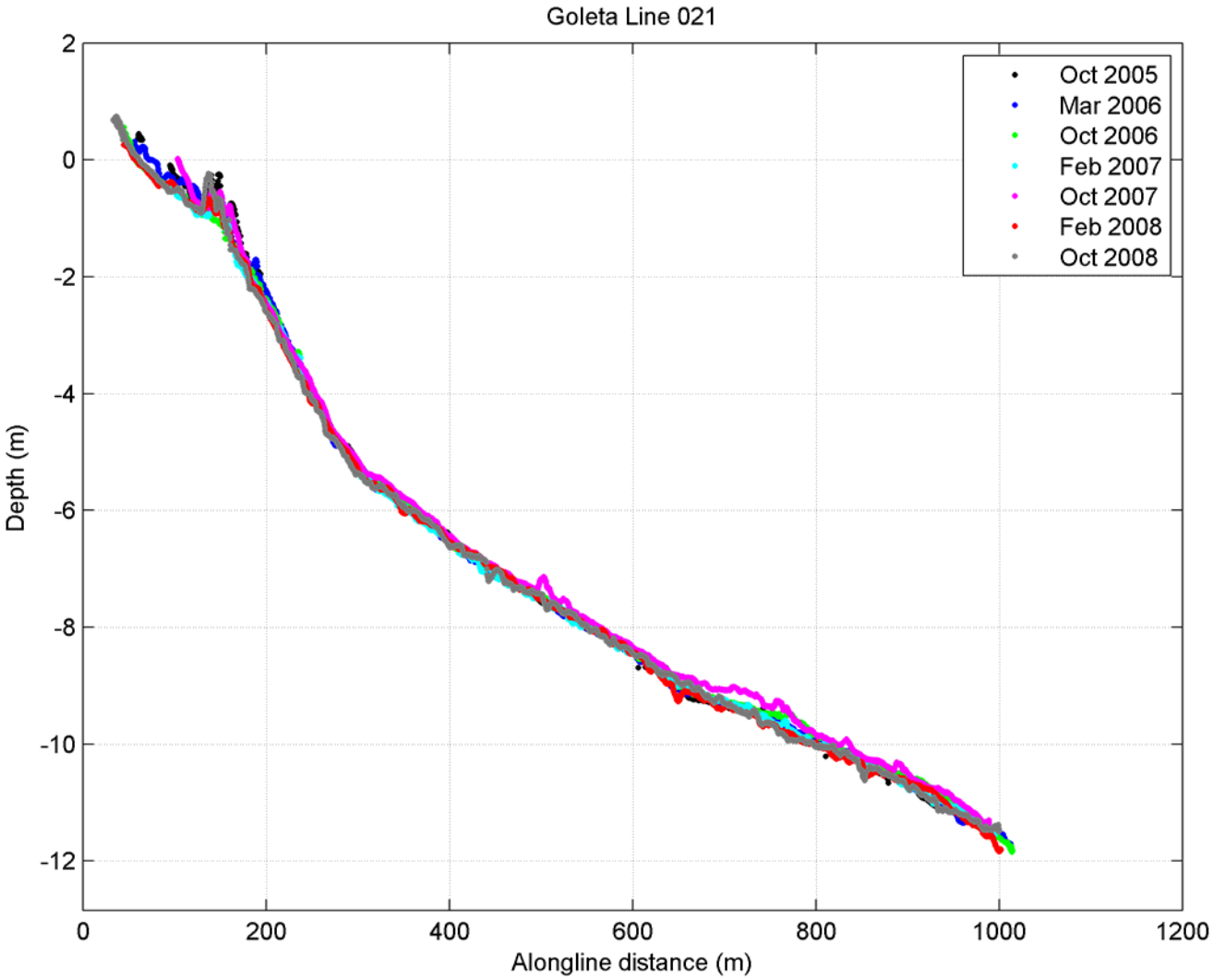

Goleta Line 016
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
0
200
400
600
800
1000
1200

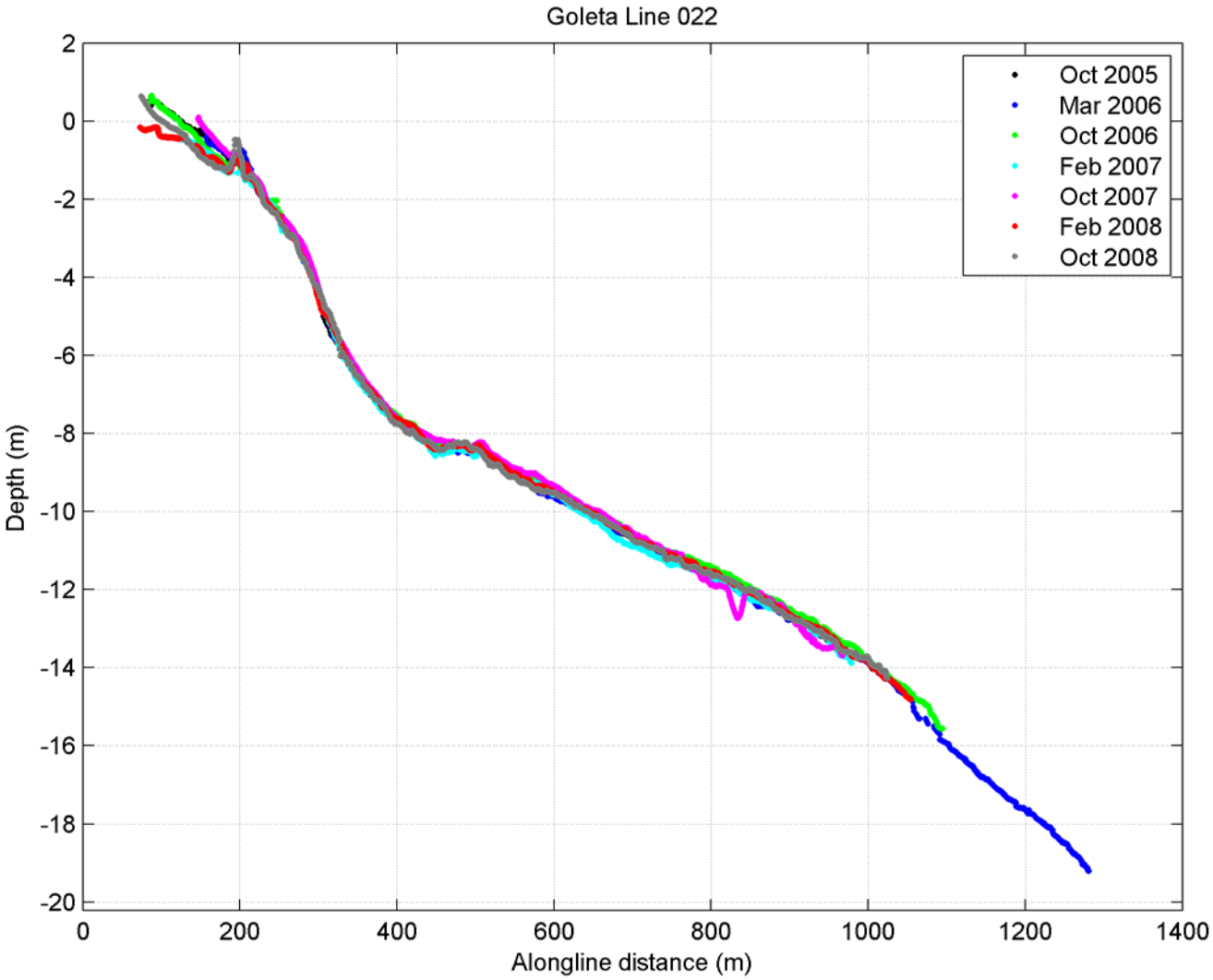

Goleta Line 017
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
0
200
400
600
800
1000
1200

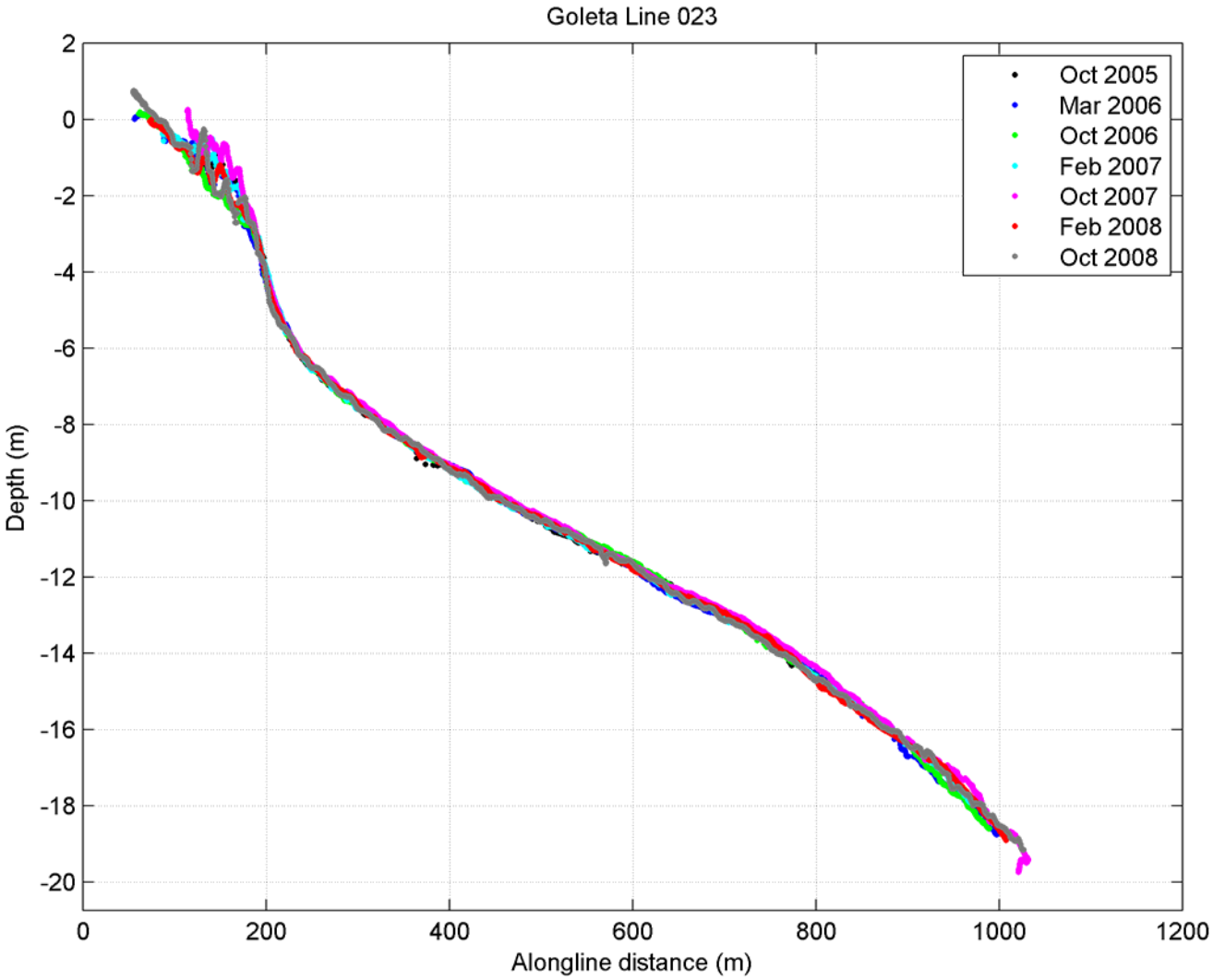

Goleta Line 018
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
0
200
400
600
800
1000
1200

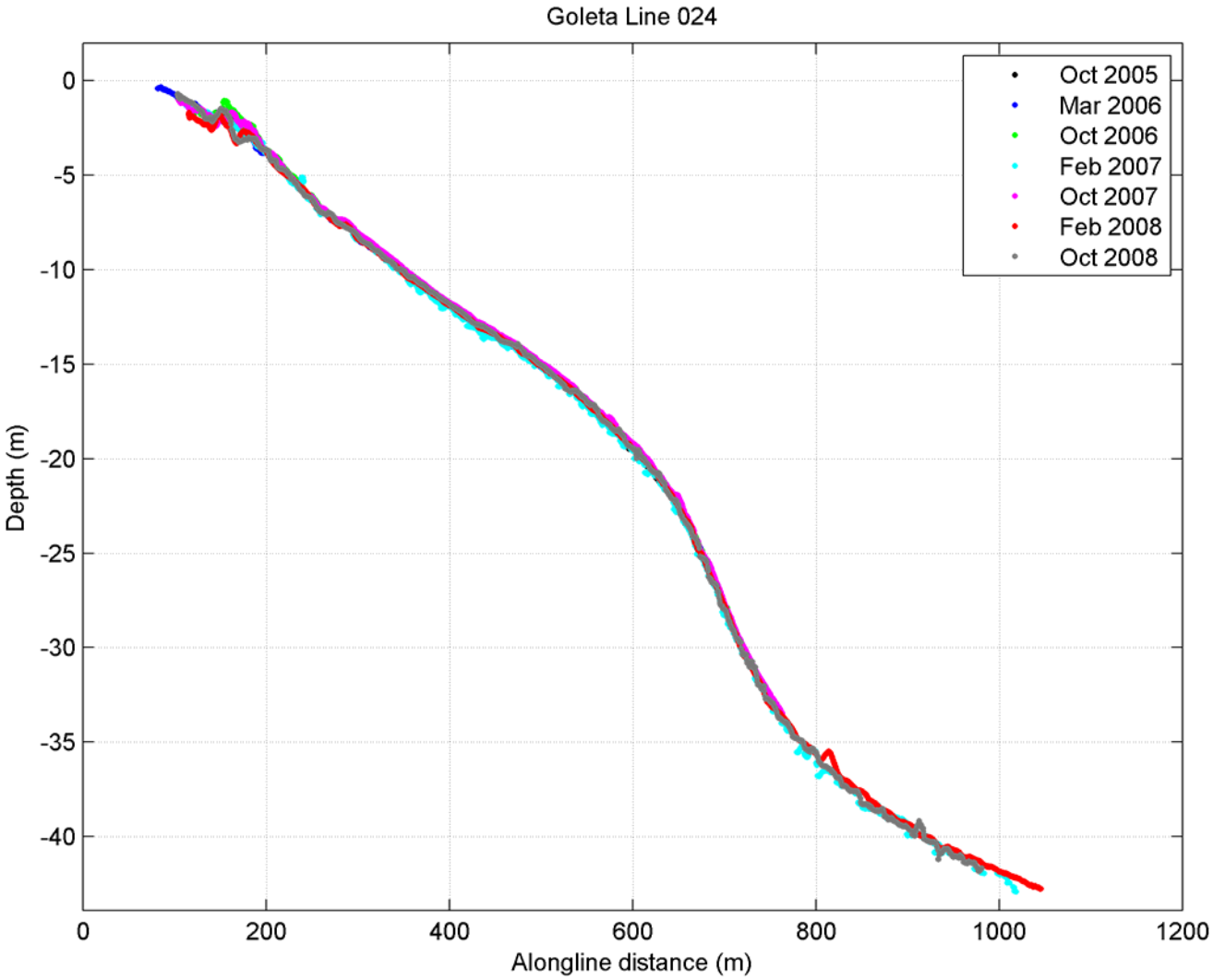

Goleta Line 019
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
0
200
400
600
800
1000
1200

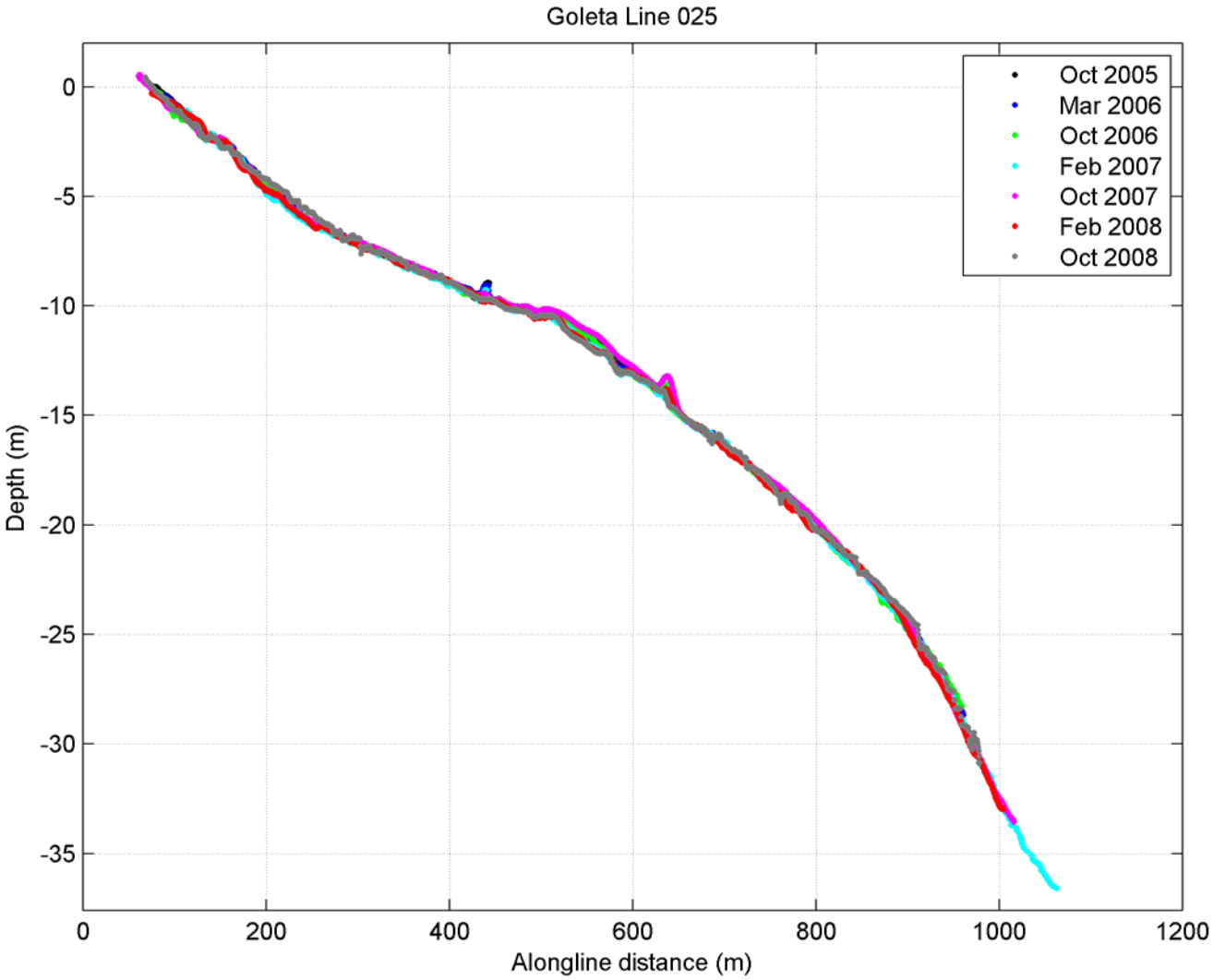

Goleta Line 020
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
0
200
400
600
800
1000
1200

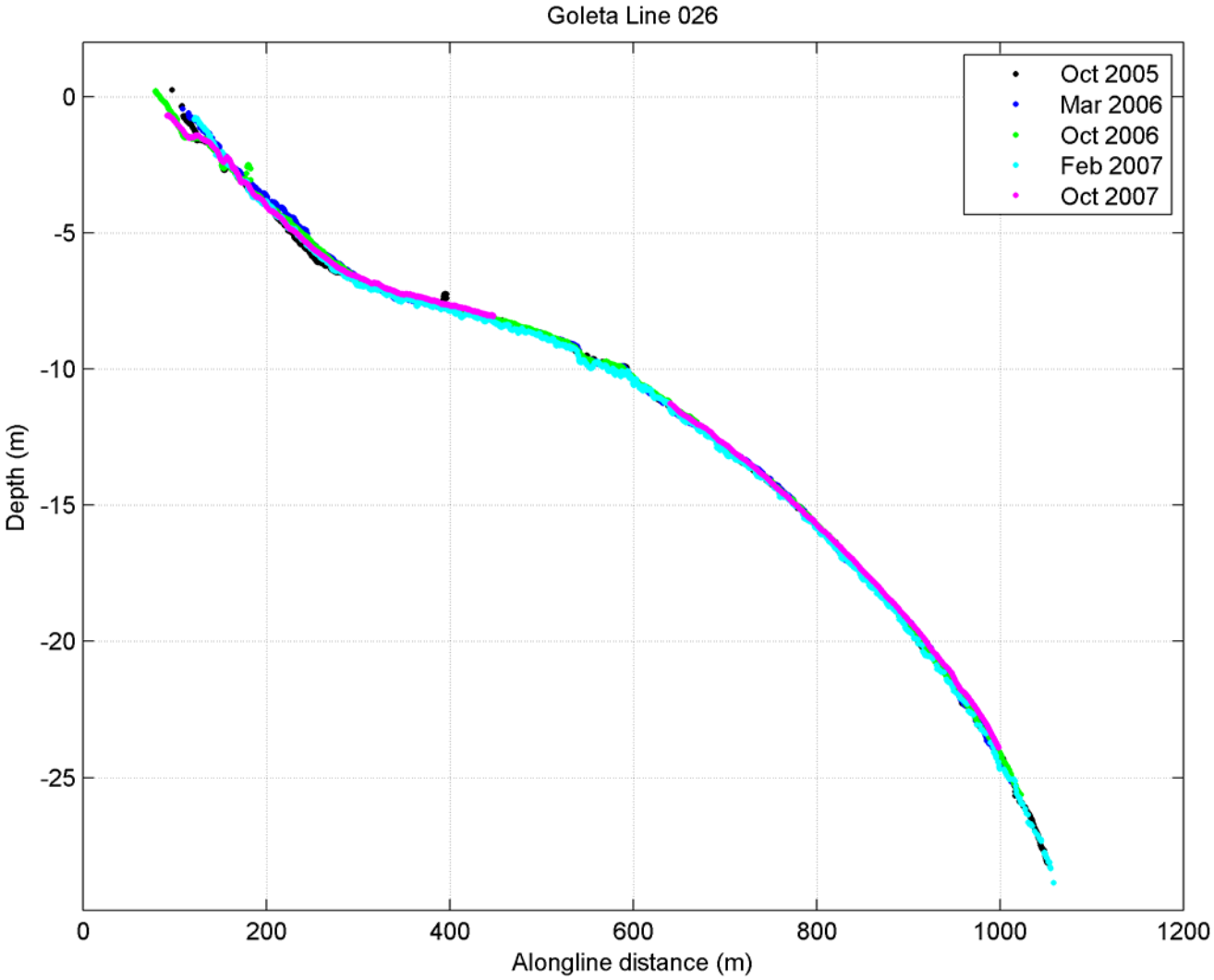

Goleta Line 021
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
-12
0
200
400
600
800
1000
1200

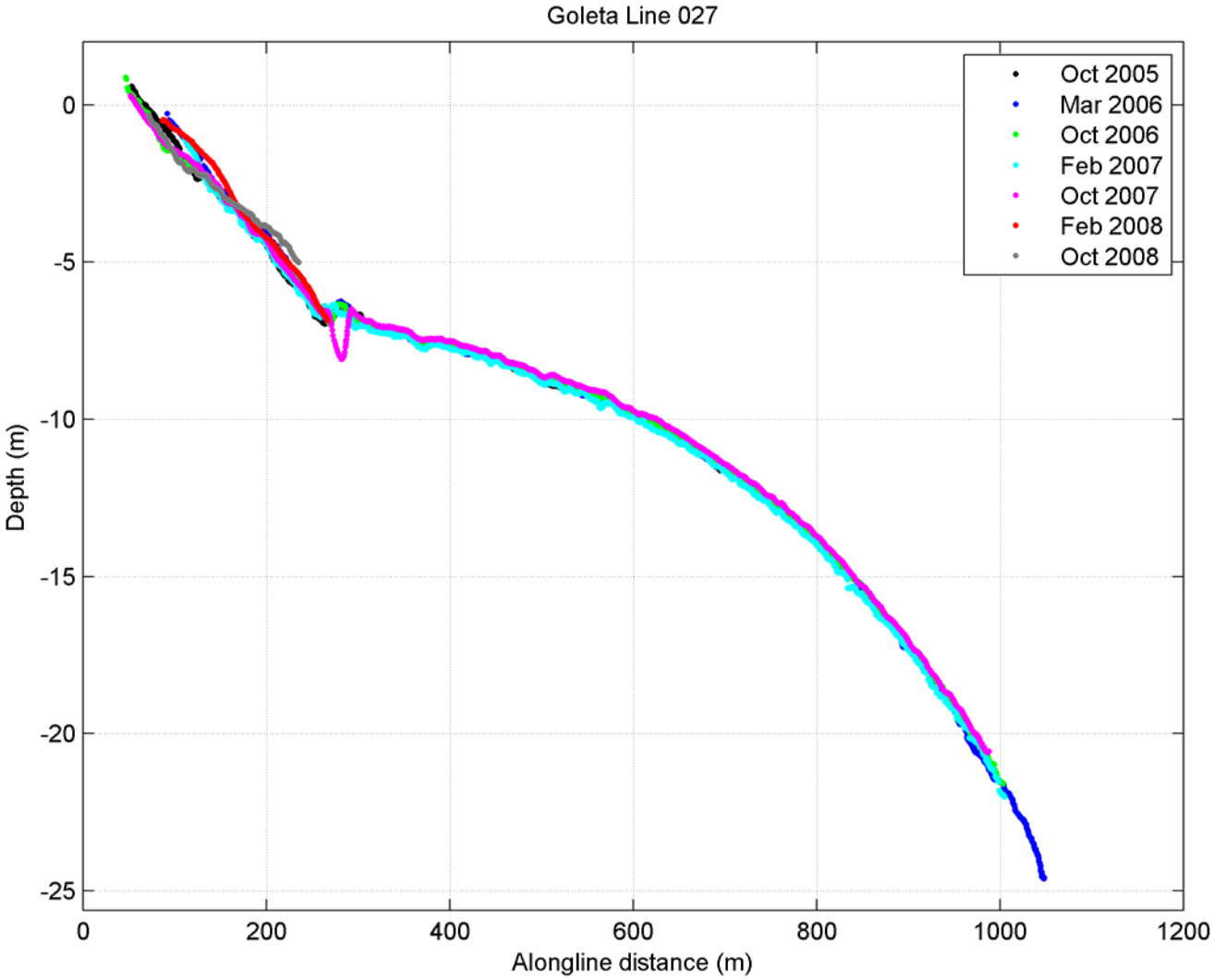

Goleta Line 022
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
-12
-14
-16
-18
-20
0
200
400
600
800
1000
1200
1400

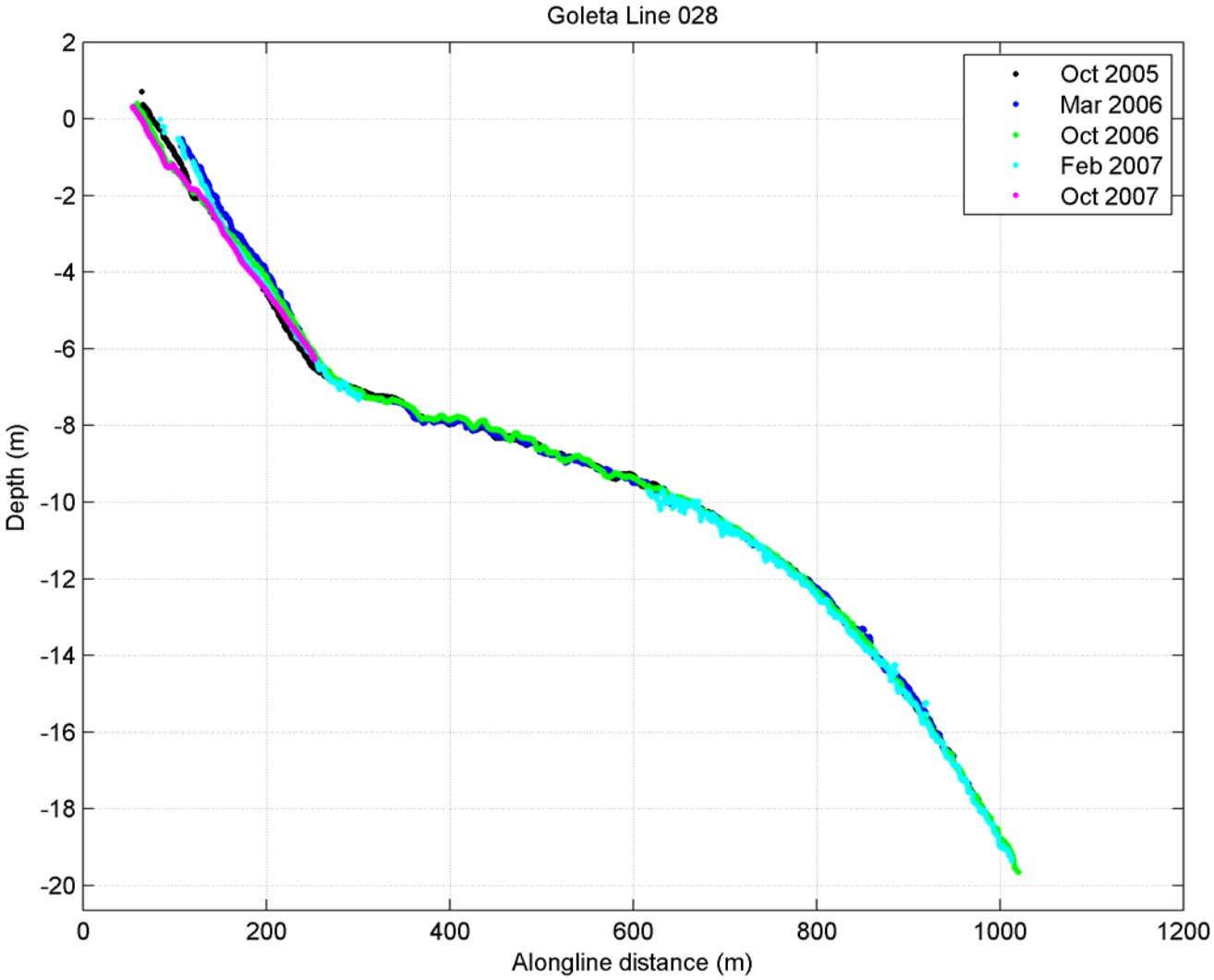

Goleta Line 023
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
-12
-14
-16
-18
-20
0
200
400
600
800
1000
1200

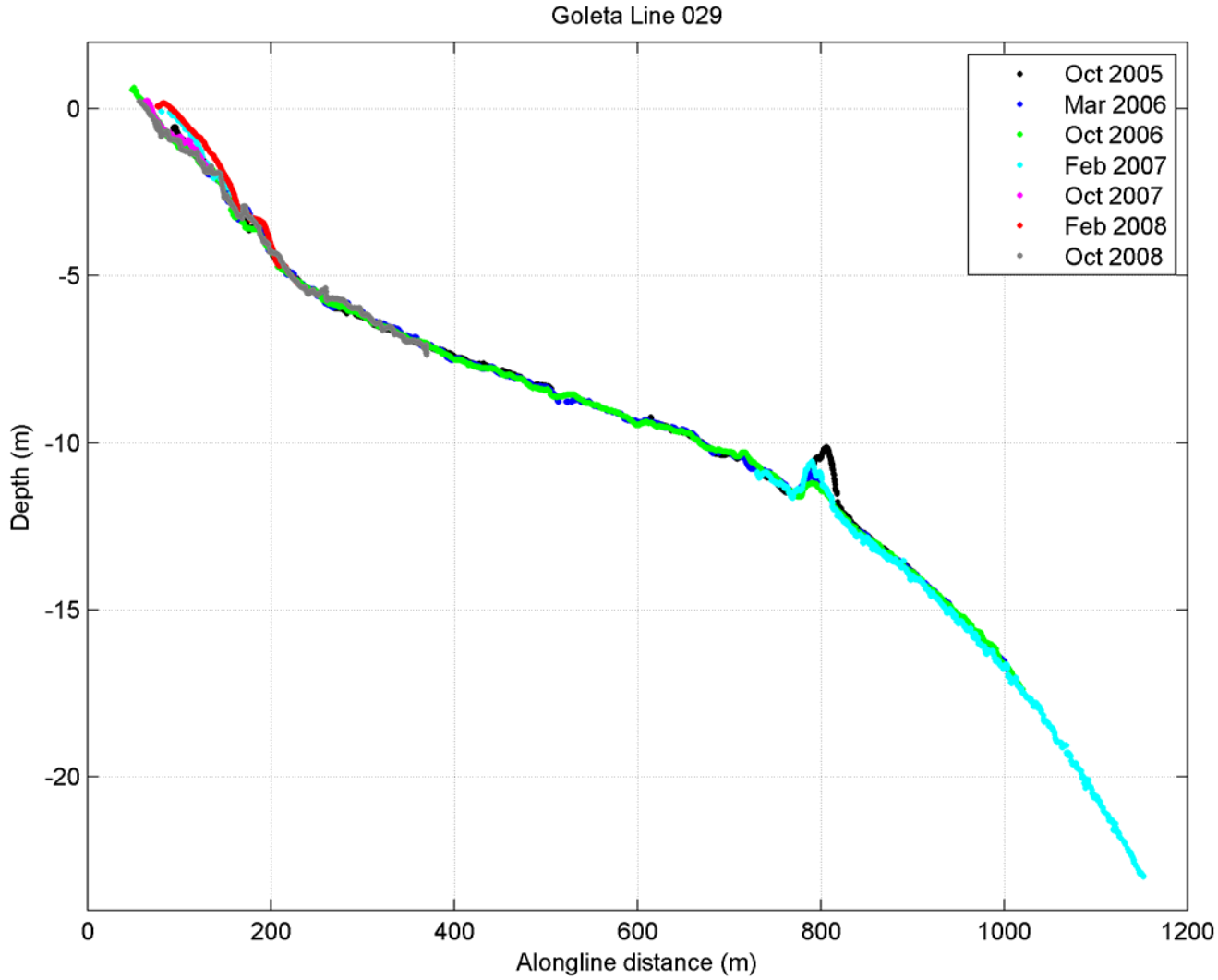

Goleta Line 024
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
0
-5
-10
-15
-20
-25
-30
-35
-40
0
200
400
600
800
1000
1200
Alongline distance (m)

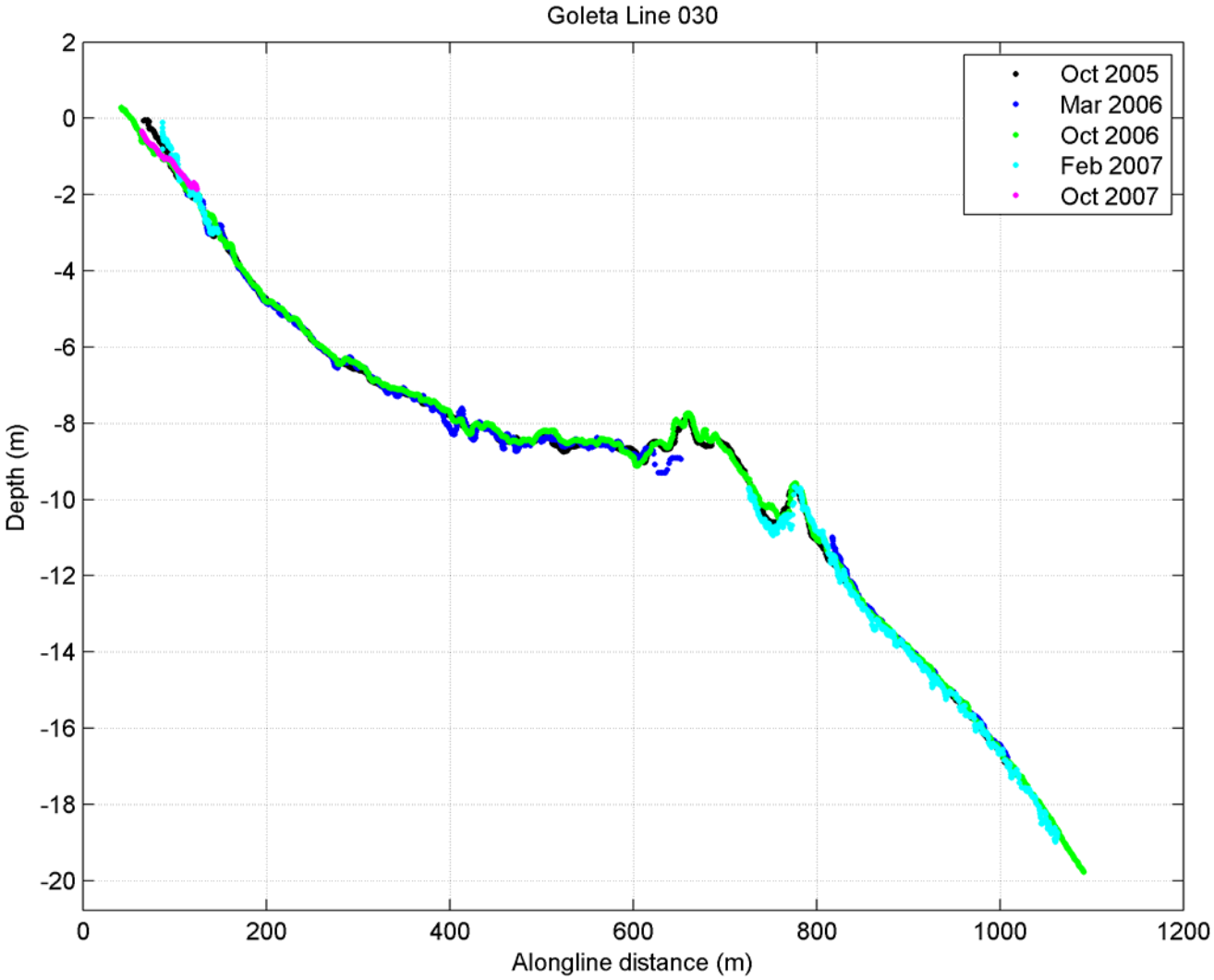

Goleta Line 025
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
0
-5
-10
-15
-20
-25
-30
-35
0
200
400
600
800
1000
1200
Alongline distance (m)

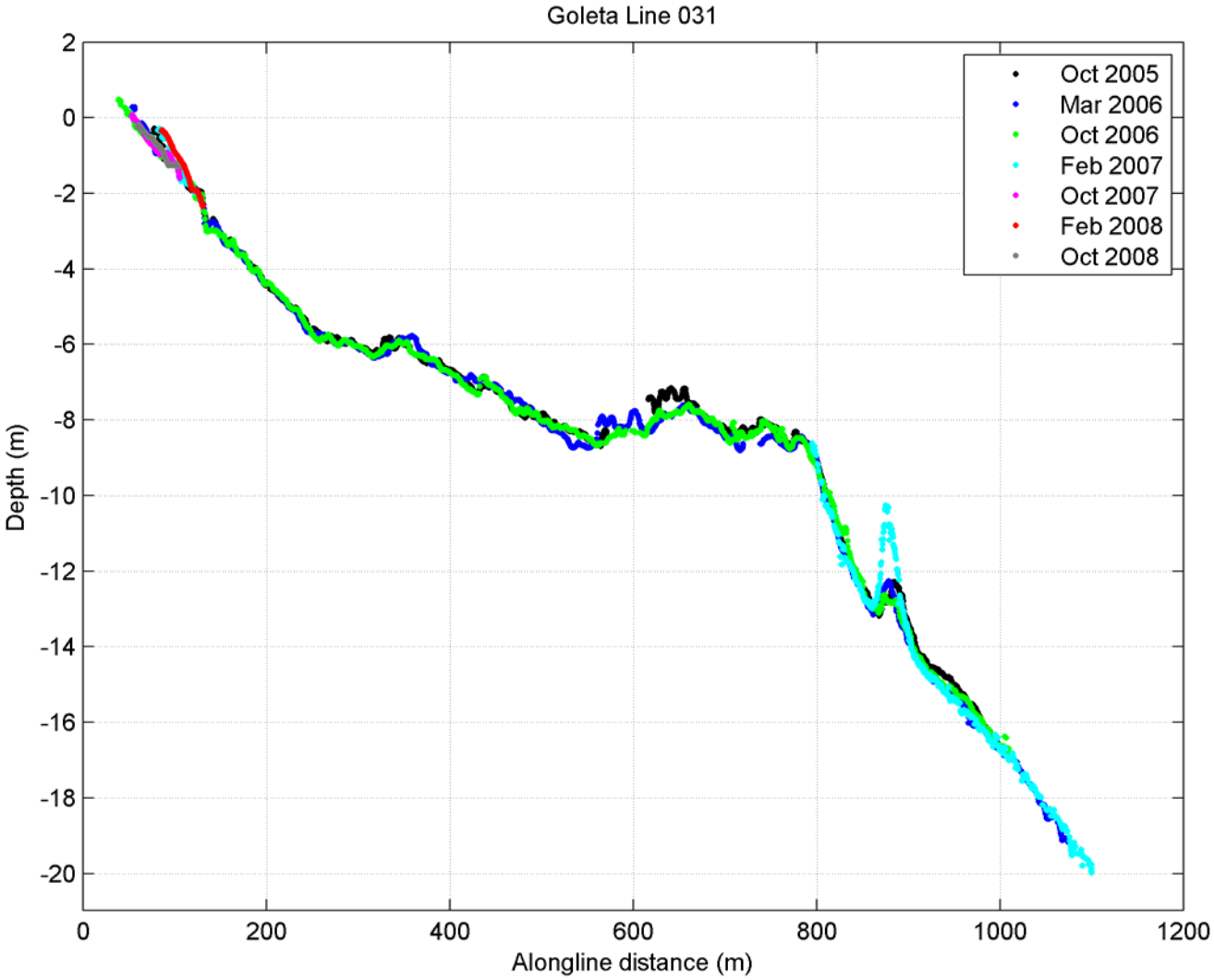

Goleta Line 026
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
0
-5
-10
-15
-20
-25
Depth (m)
0
200
400
600
800
1000
1200
Alongline distance (m)

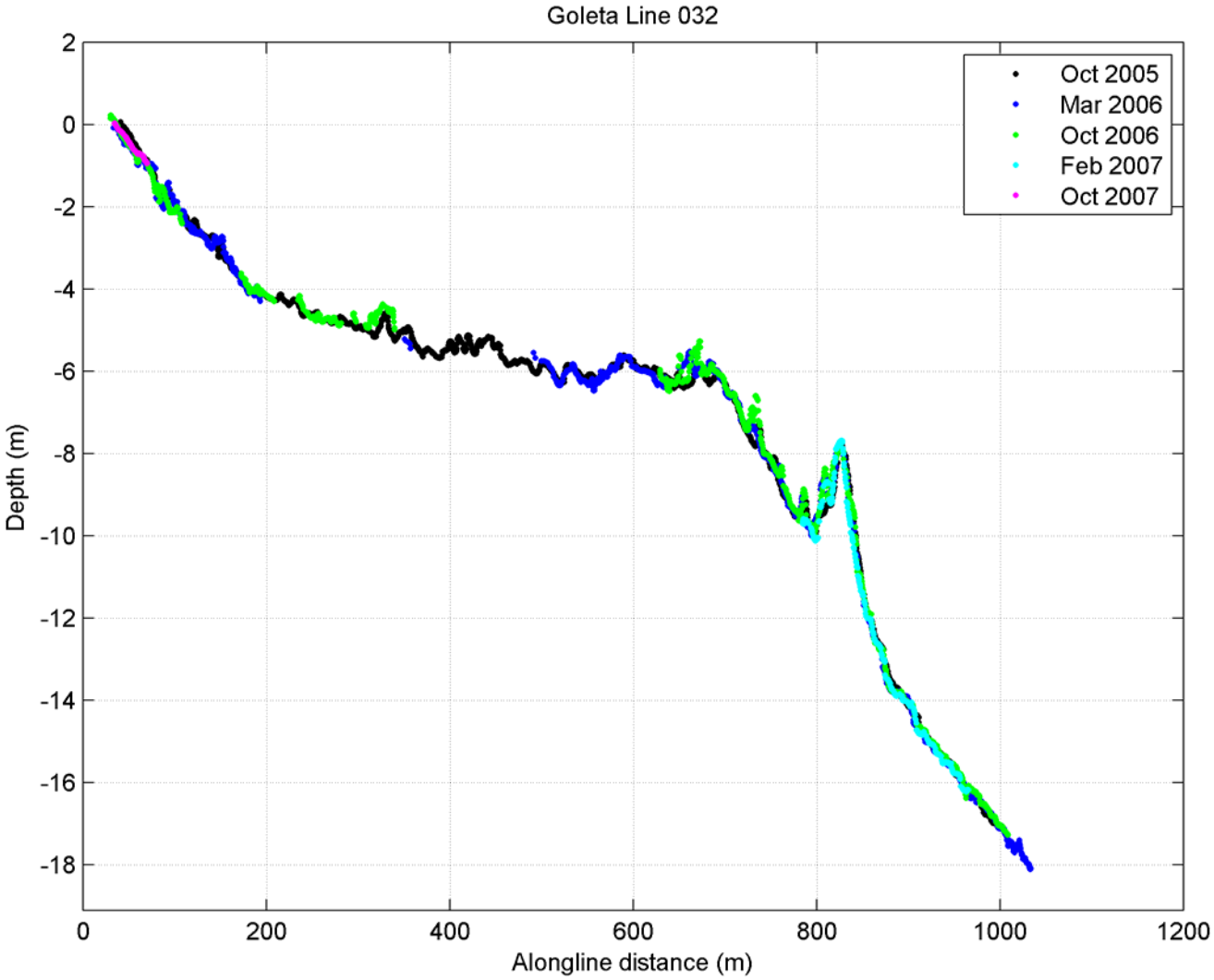

Goleta Line 027
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
0
-5
-10
-15
-20
-25
0
200
400
600
800
1000
1200
Alongline distance (m)

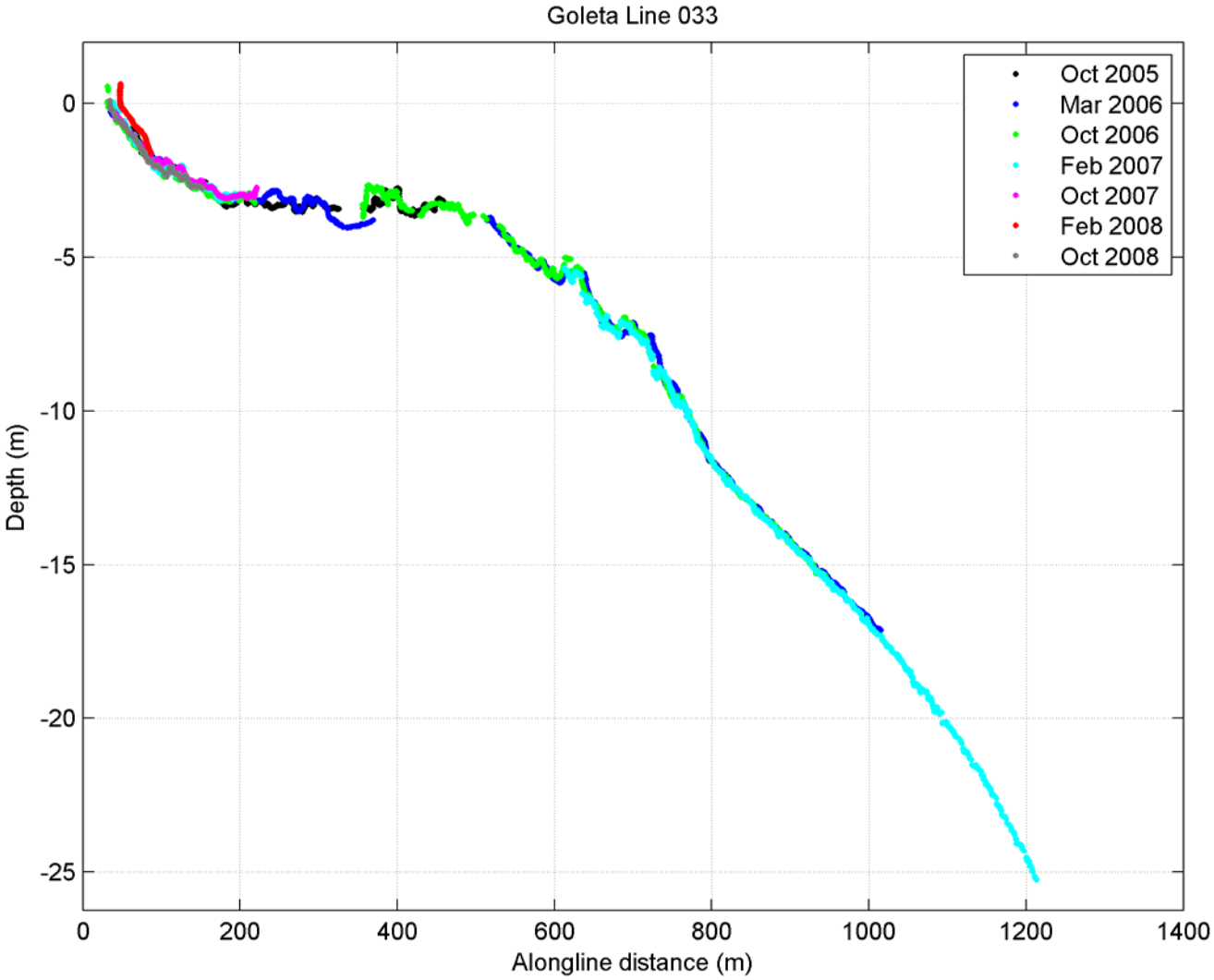

Goleta Line 028
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
-12
-14
-16
-18
-20
0
200
400
600
800
1000
1200

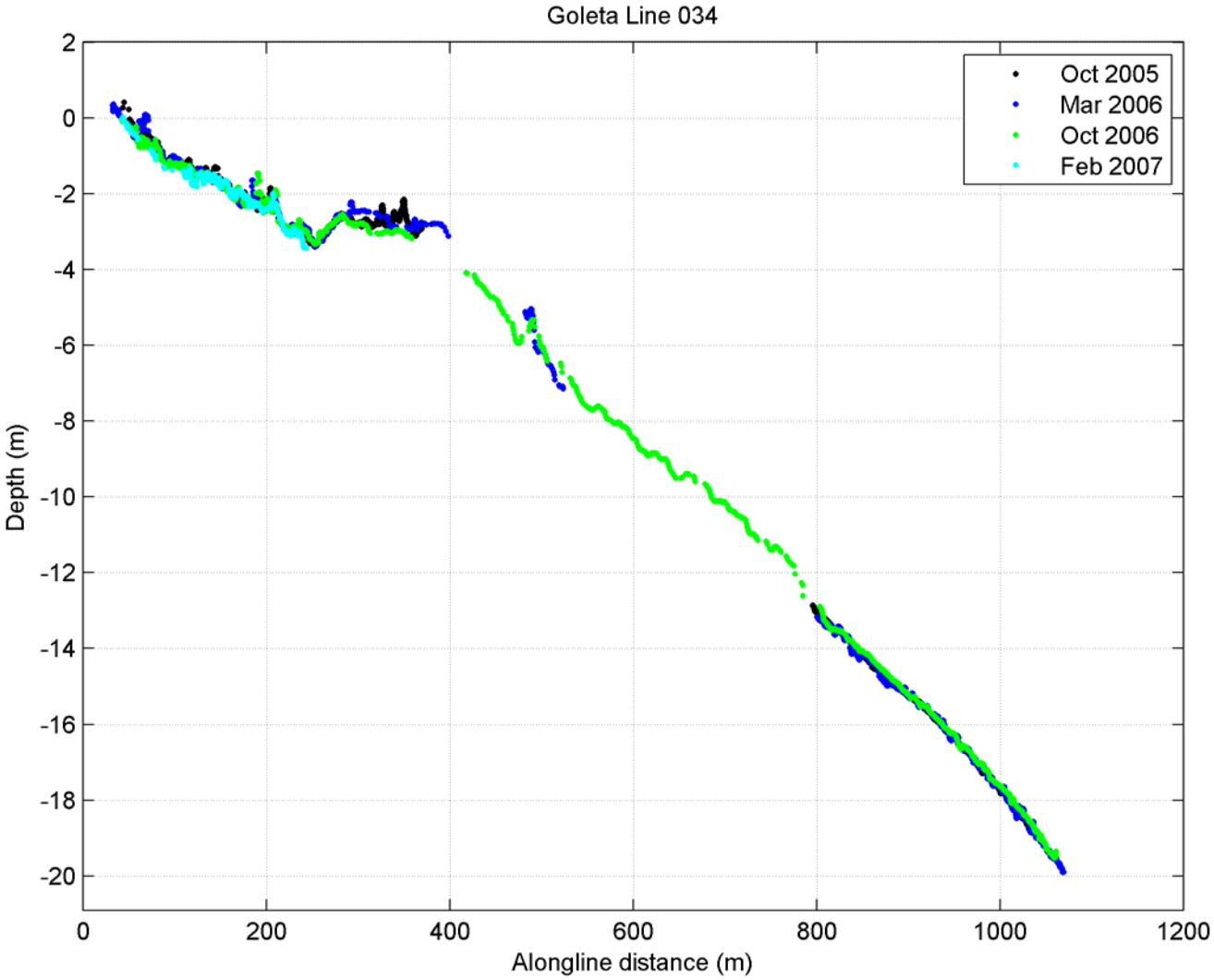

Goleta Line 029
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
0
-5
-10
-15
-20
0
200
400
600
800
1000
1200
Alongline distance (m)

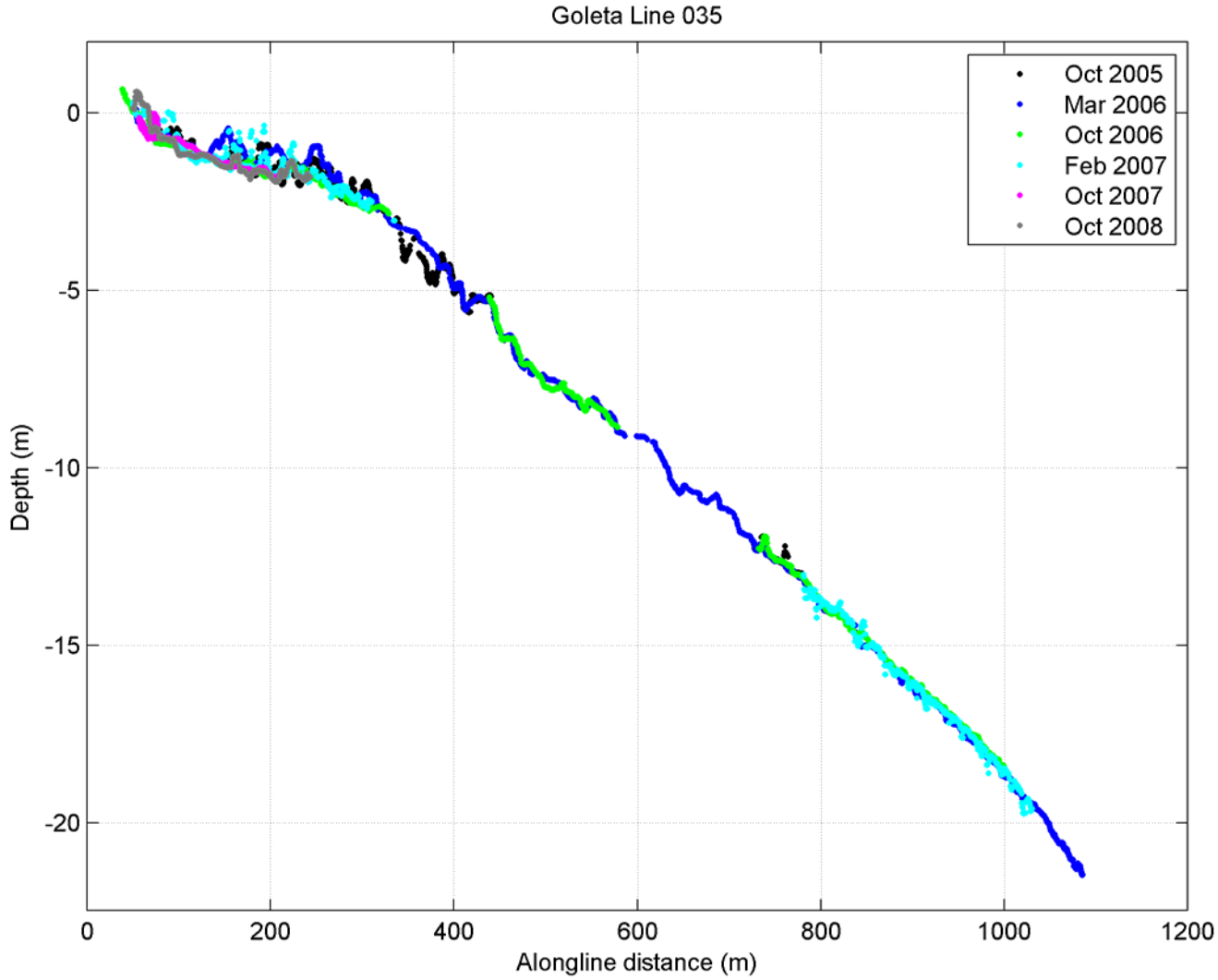

Goleta Line 030
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
-12
-14
-16
-18
-20
0
200
400
600
800
1000
1200

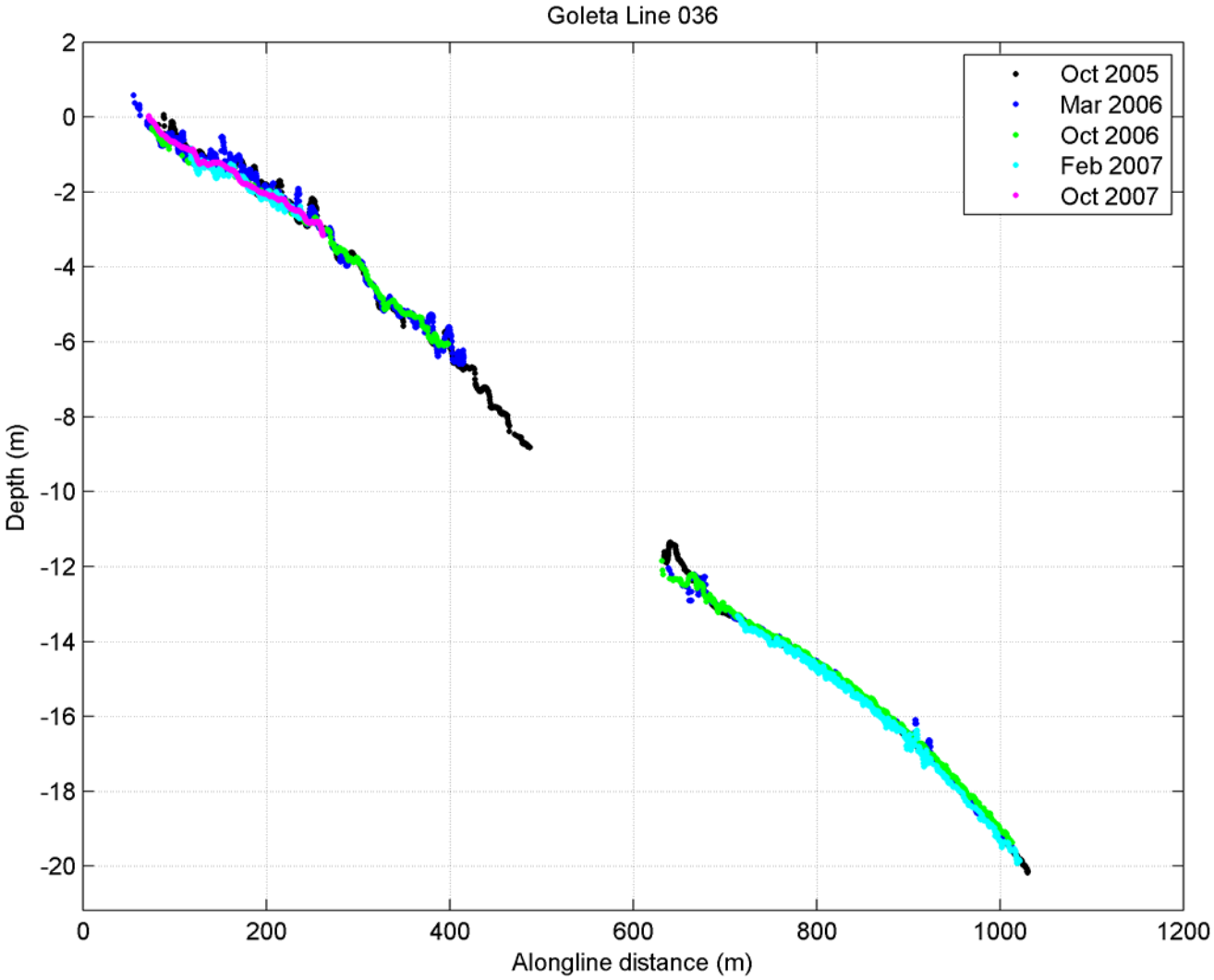

Goleta Line 031
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
-12
-14
-16
-18
-20
0
200
400
600
800
1000
1200

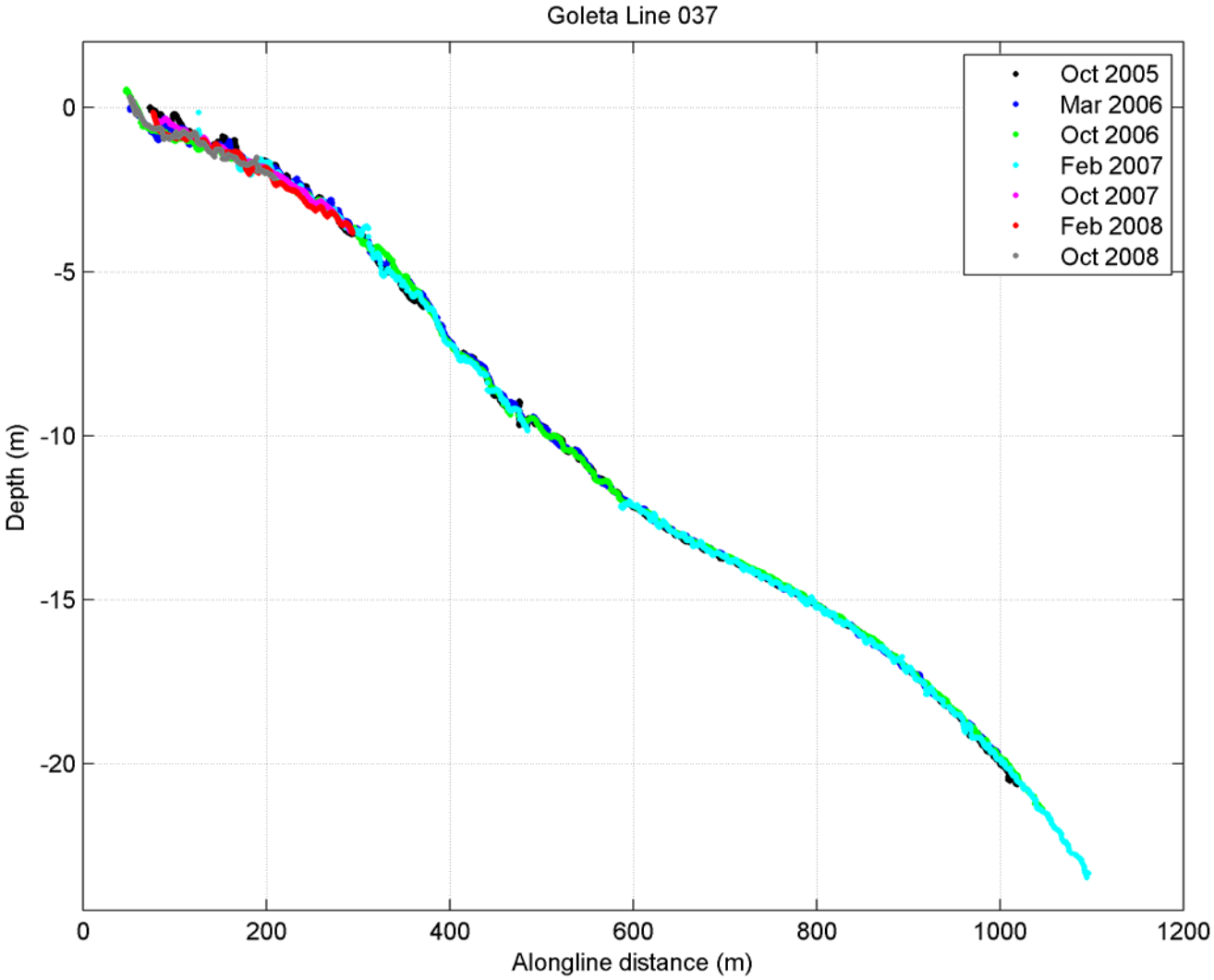

Goleta Line 032
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
-12
-14
-16
-18
0
200
400
600
800
1000
1200

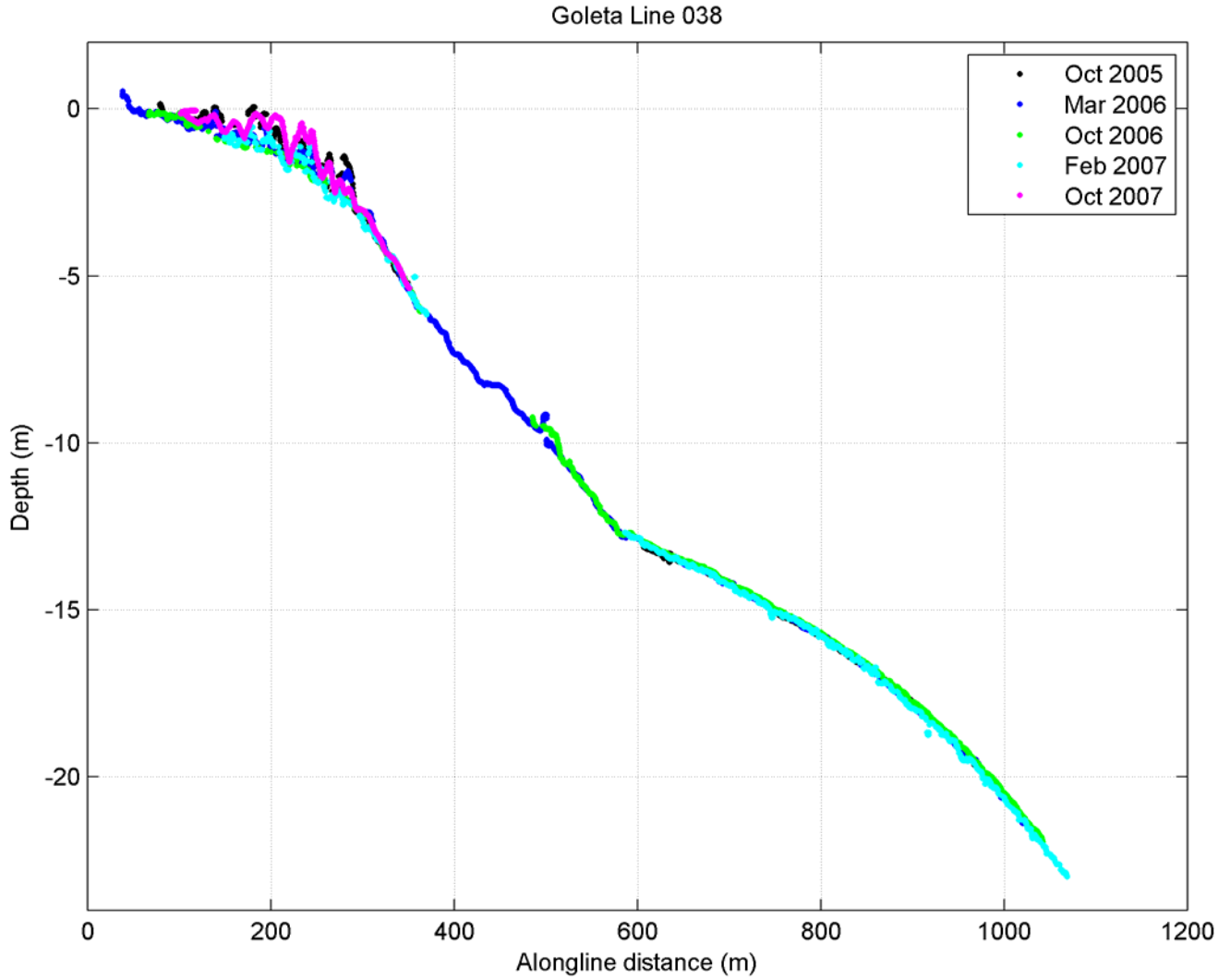

Goleta Line 033
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
0
-5
-10
-15
-20
-25
0
200
400
600
800
1000
1200
1400
Alongline distance (m)

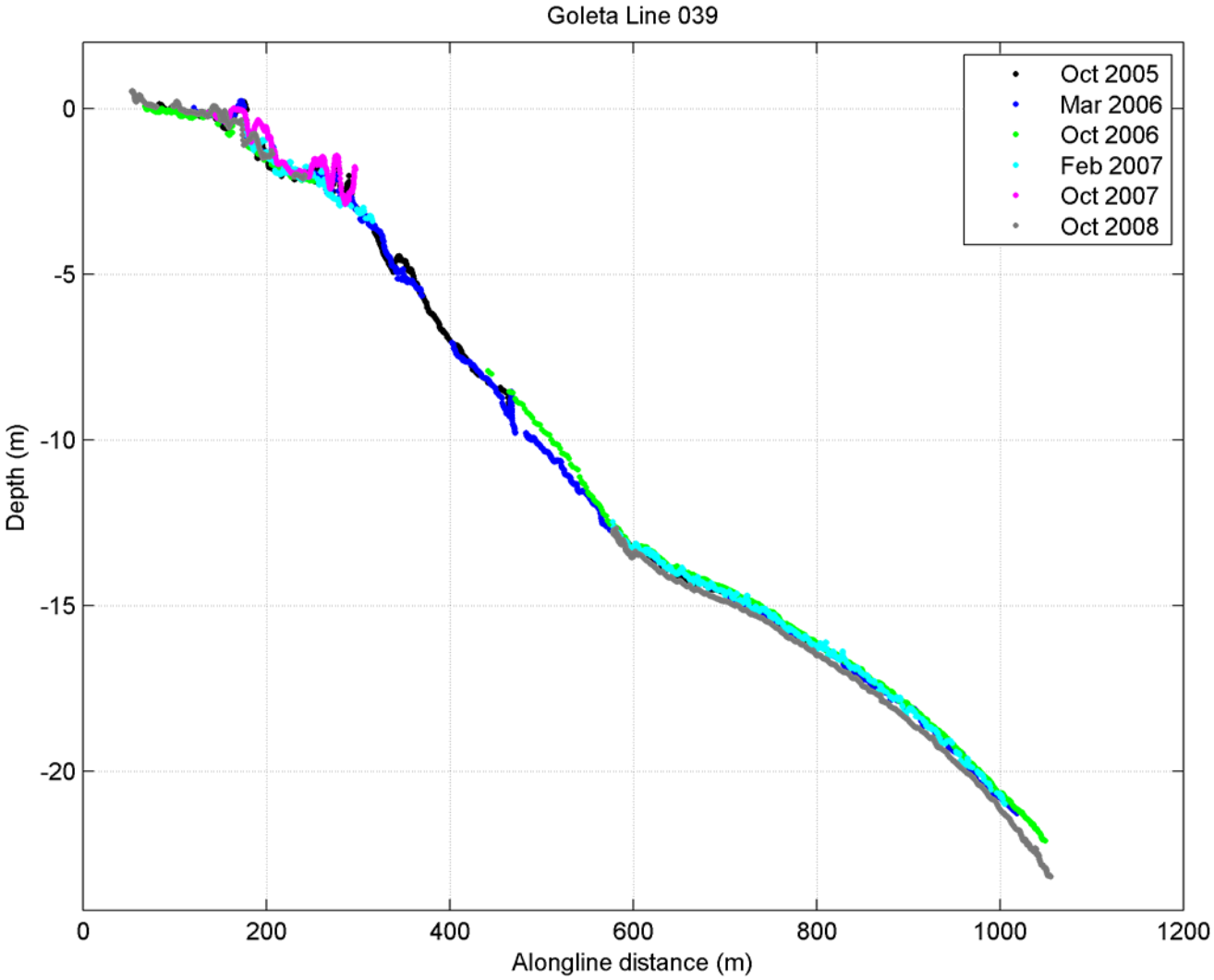

Goleta Line 034
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
-12
-14
-16
-18
-20
0
200
400
600
800
1000
1200

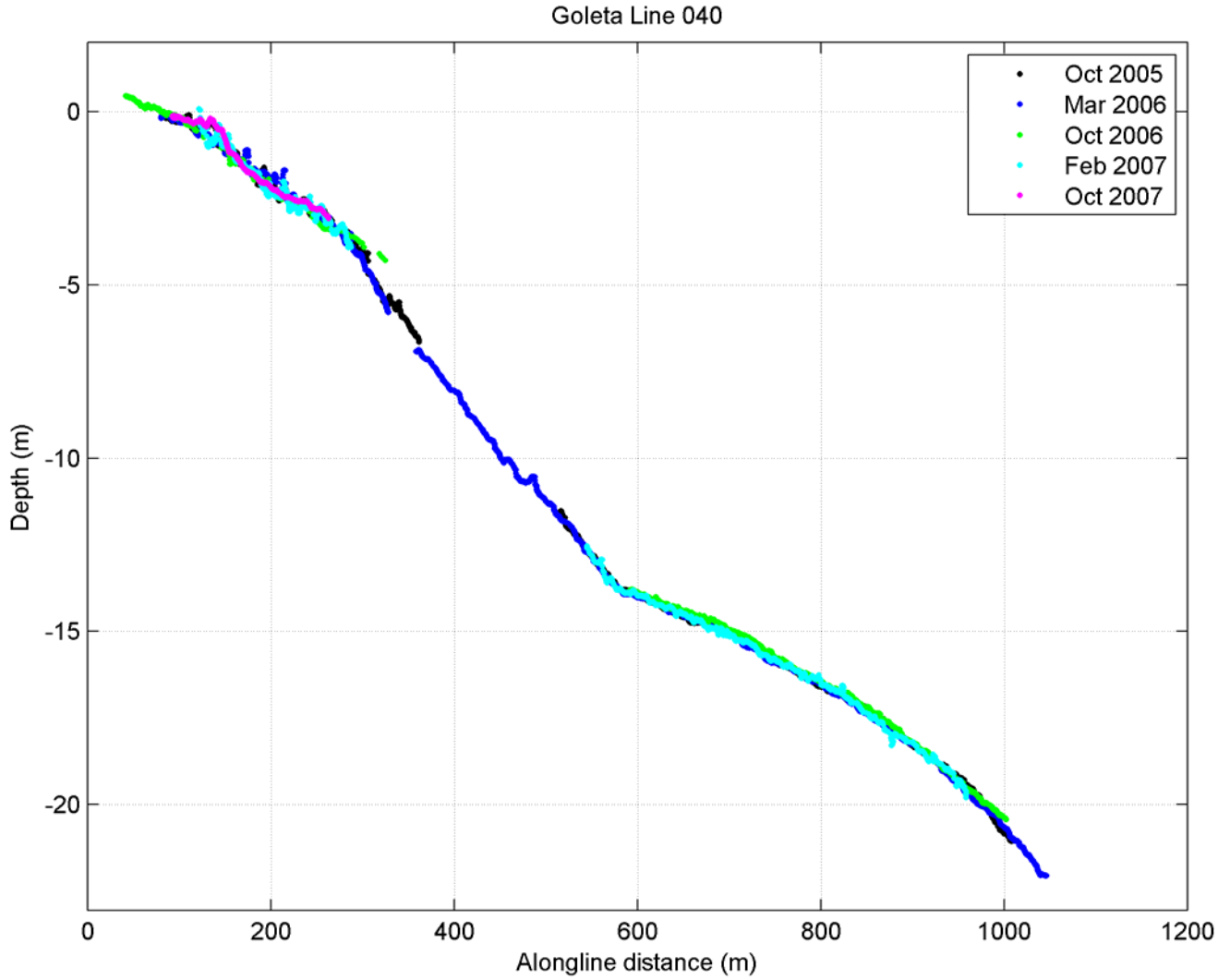

Goleta Line 035
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Oct 2008
Depth (m)
0
-5
-10
-15
-20
0
200
400
600
800
1000
1200
Alongline distance (m)

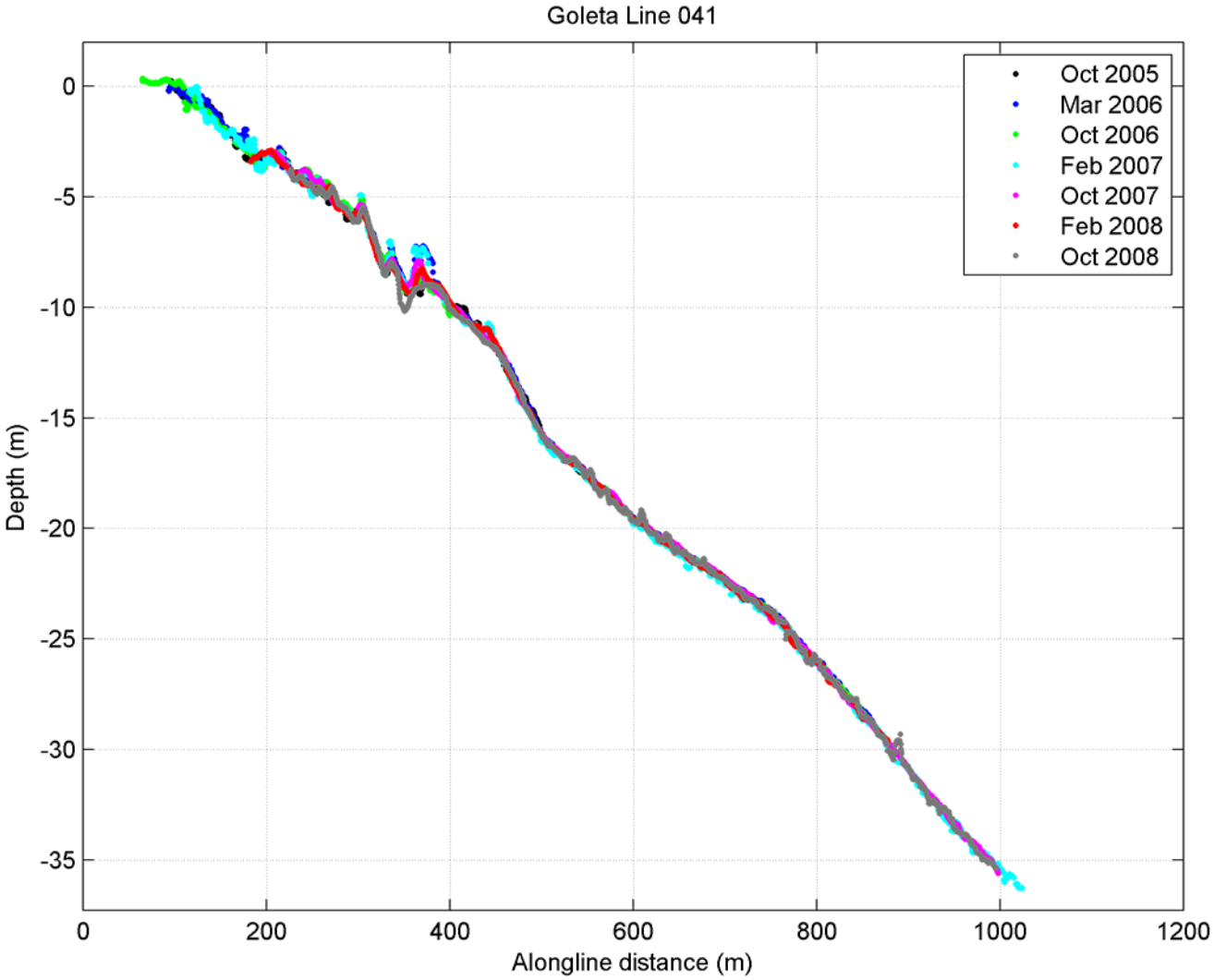

Goleta Line 036
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
-12
-14
-16
-18
-20
0
200
400
600
800
1000
1200

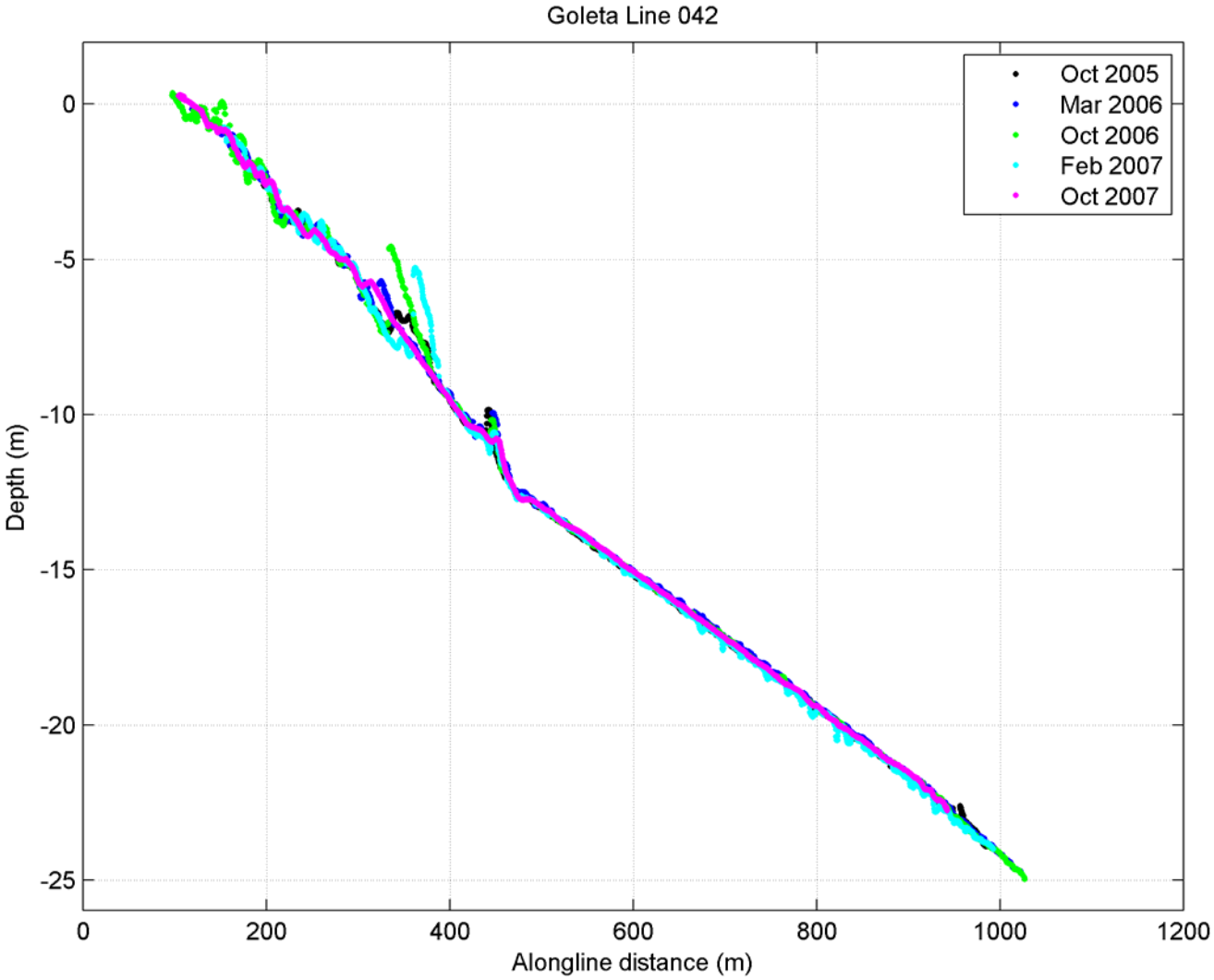

Goleta Line 037
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
0
-5
-10
-15
-20
0
200
400
600
800
1000
1200
Alongline distance (m)

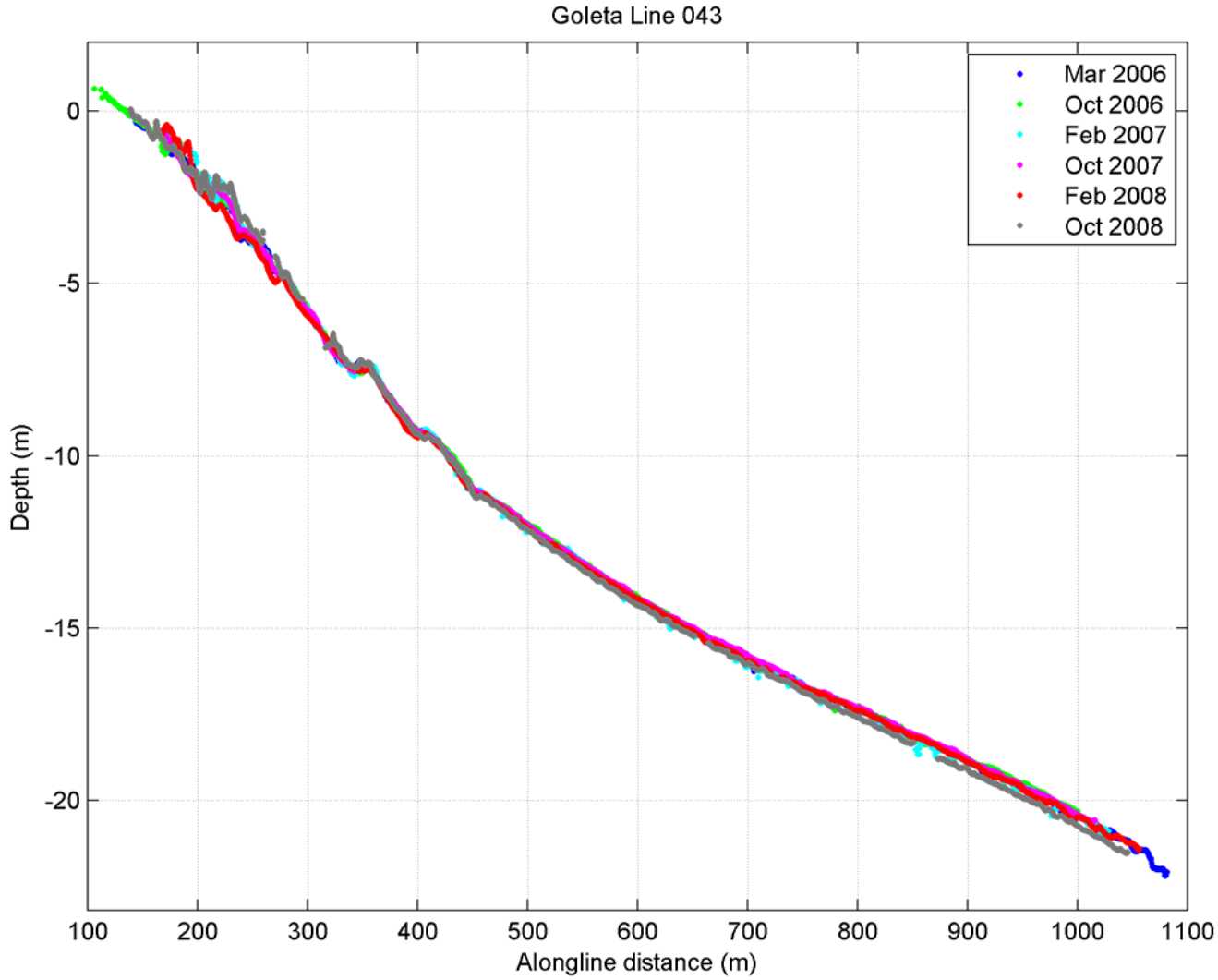

Goleta Line 038
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
0
-5
-10
-15
-20
Depth (m)
0
200
400
600
800
1000
1200
Alongline distance (m)

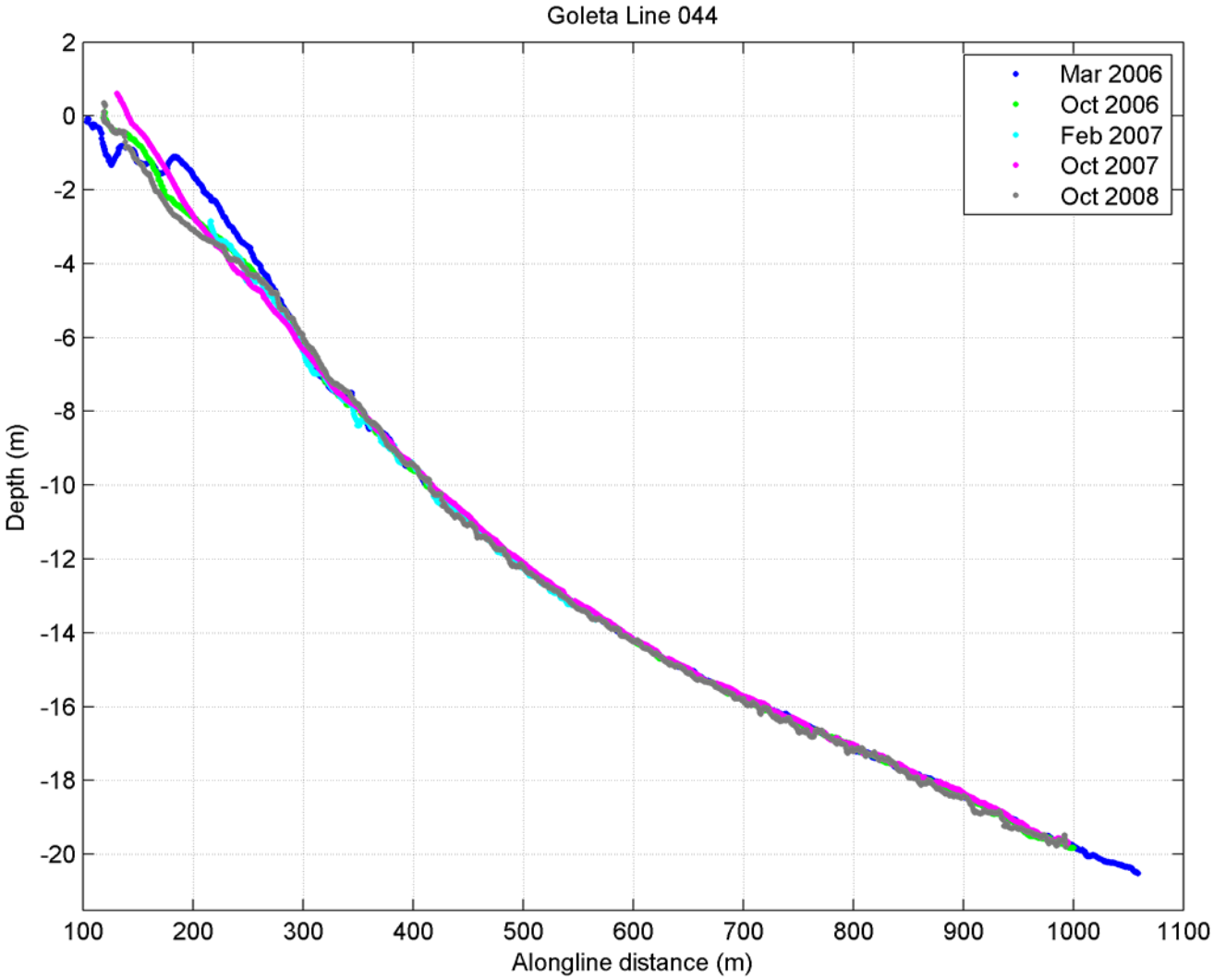

Goleta Line 039
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Oct 2008
0
-5
-10
-15
-20
Depth (m)
0
200
400
600
800
1000
1200
Alongline distance (m)

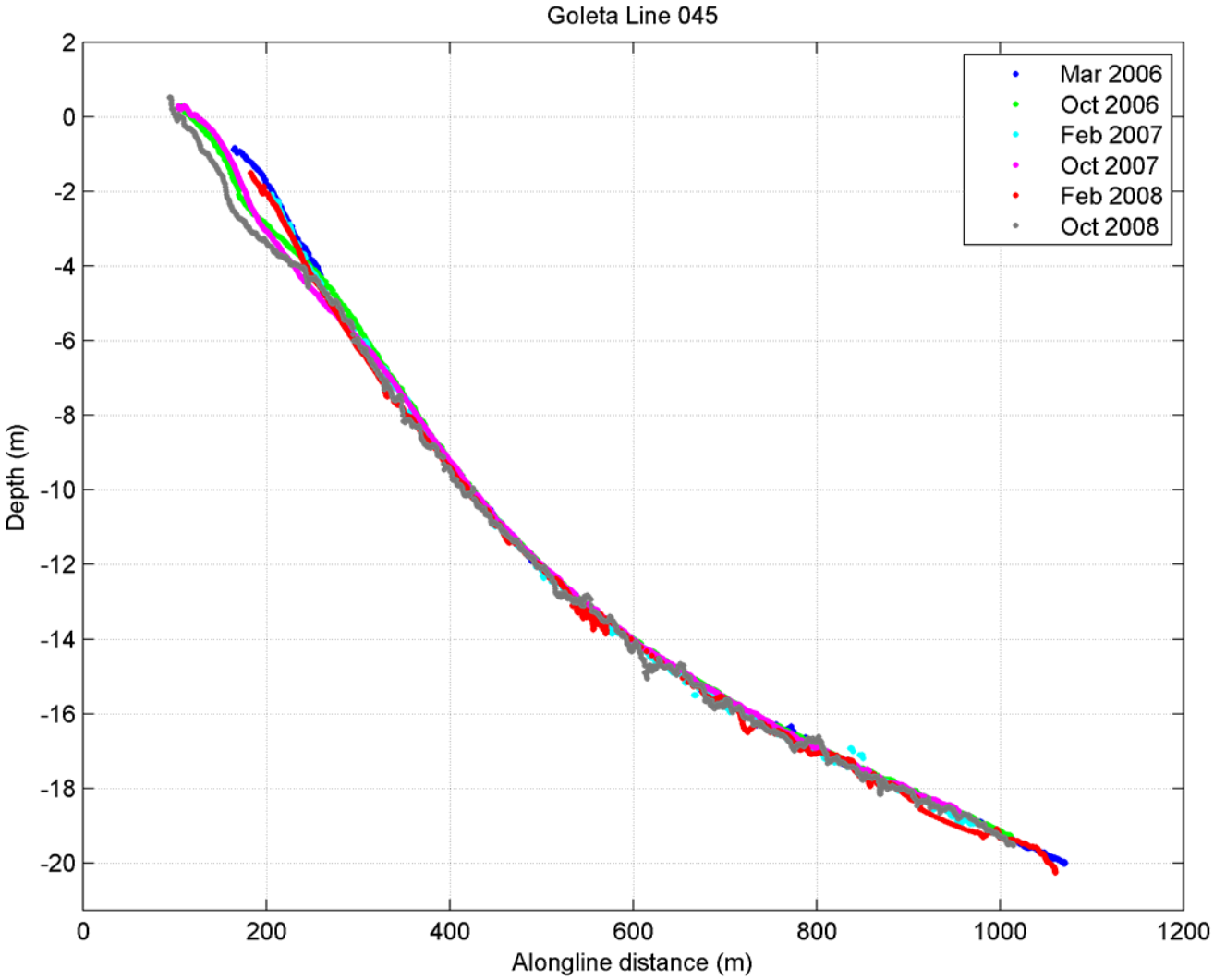

Goleta Line 040
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
0
-5
-10
-15
-20
Depth (m)
0
200
400
600
800
1000
1200
Alongline distance (m)

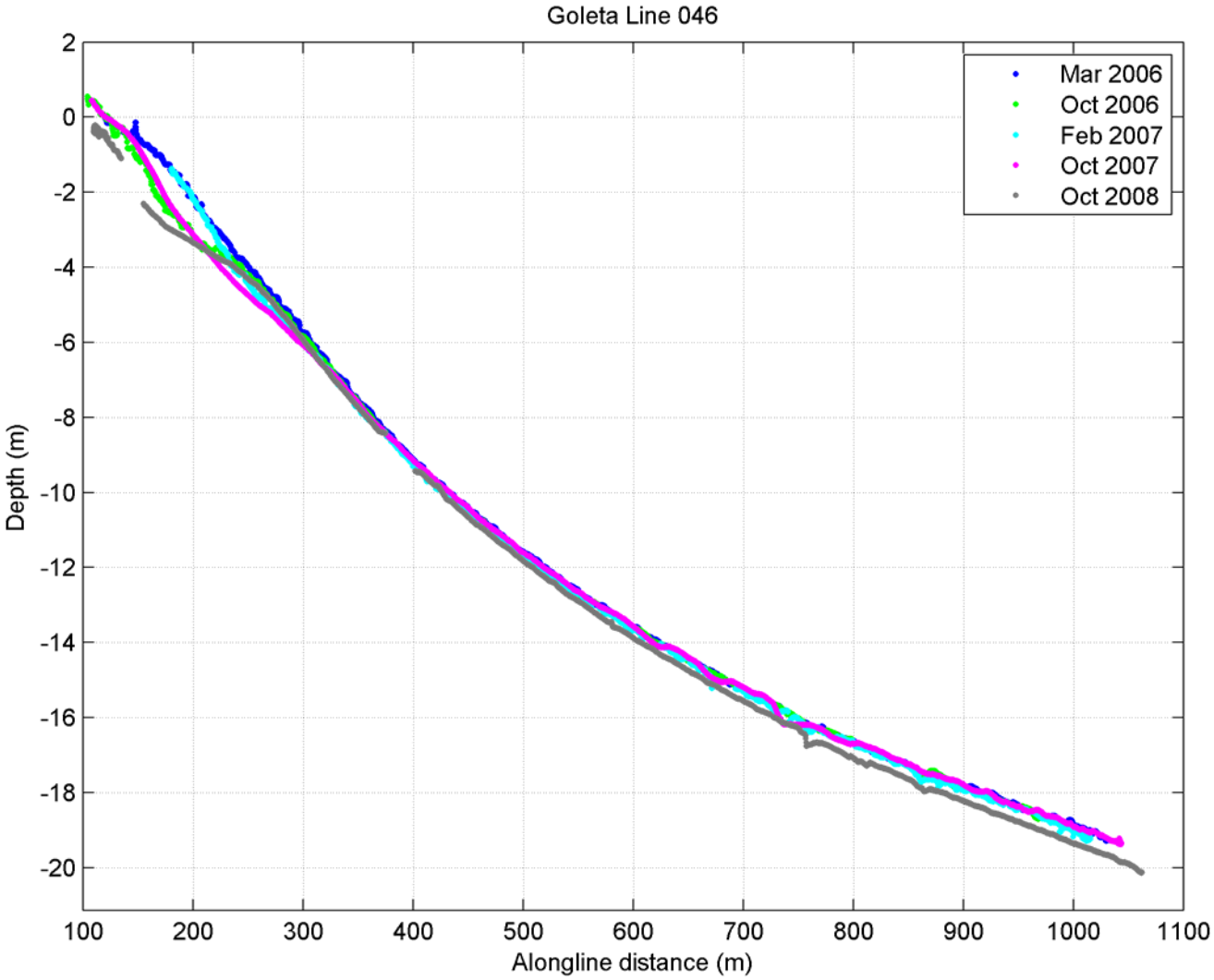

Goleta Line 041
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
0
-5
-10
-15
-20
-25
-30
-35
0
200
400
600
800
1000
1200
Alongline distance (m)

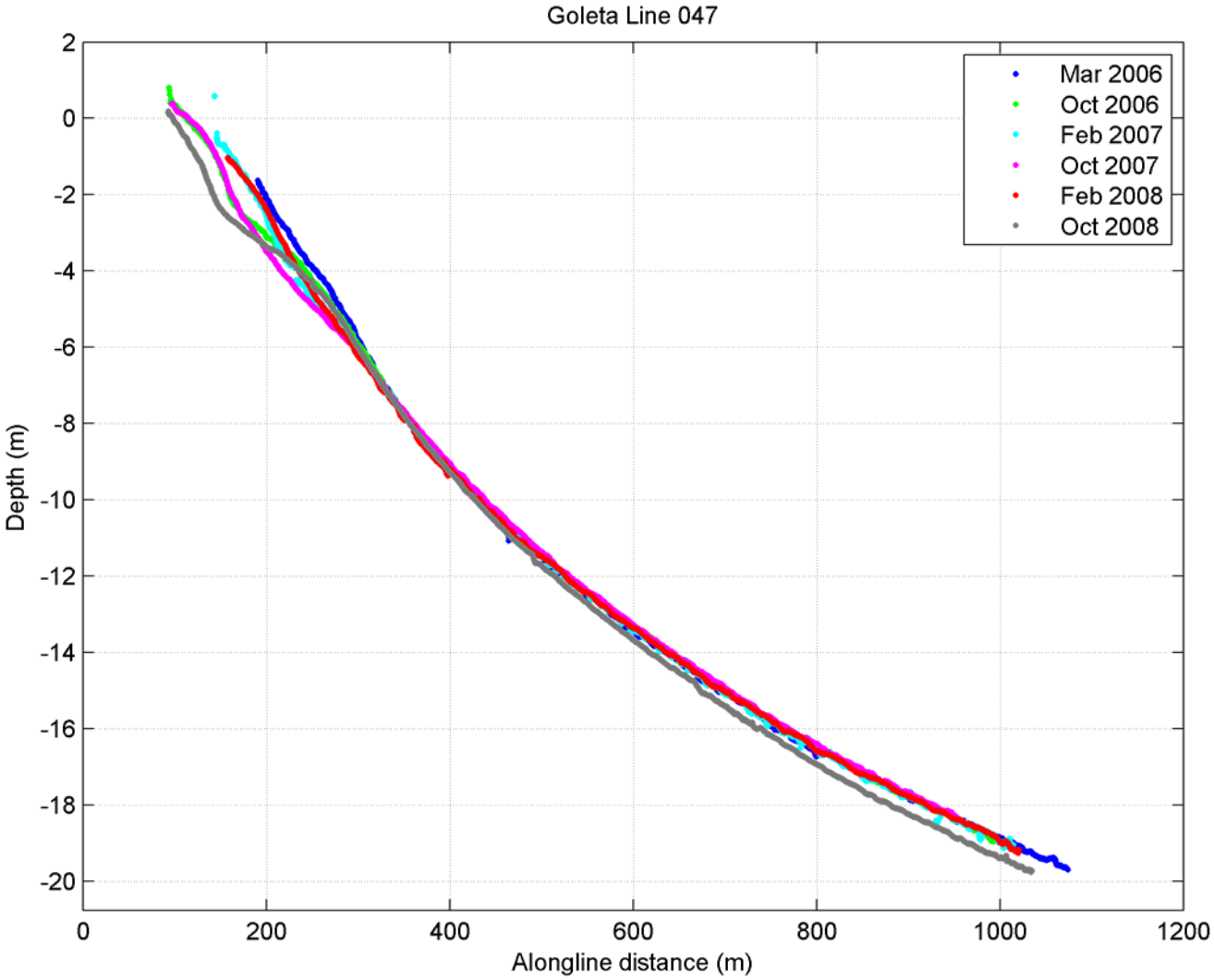

Goleta Line 042
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
0
-5
-10
-15
-20
-25
Depth (m)
0
200
400
600
800
1000
1200
Alongline distance (m)

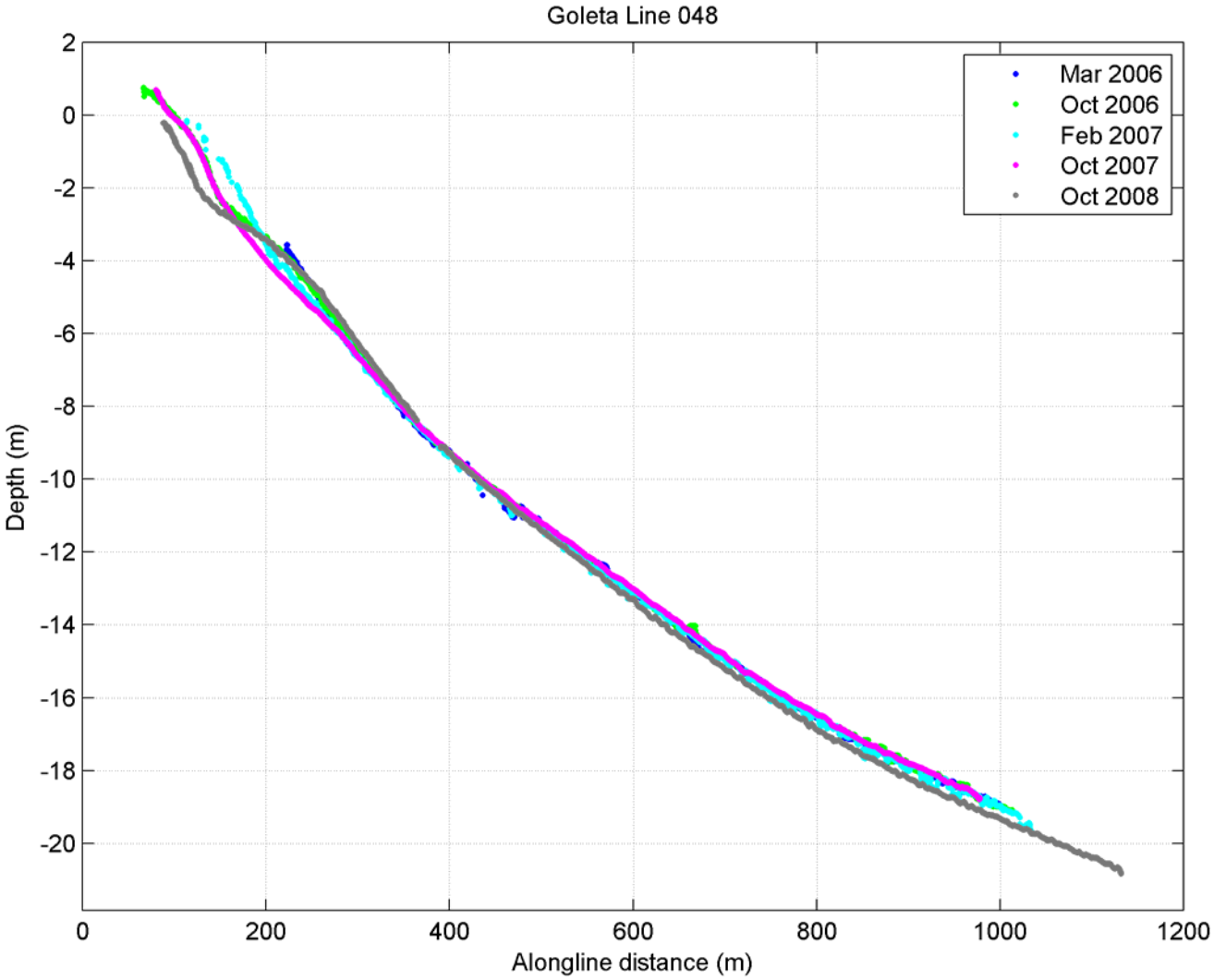

Goleta Line 043
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
0
-5
-10
-15
-20
Depth (m)
100
200
300
400
500
600
700
800
900
1000
1100
Alongline distance (m)

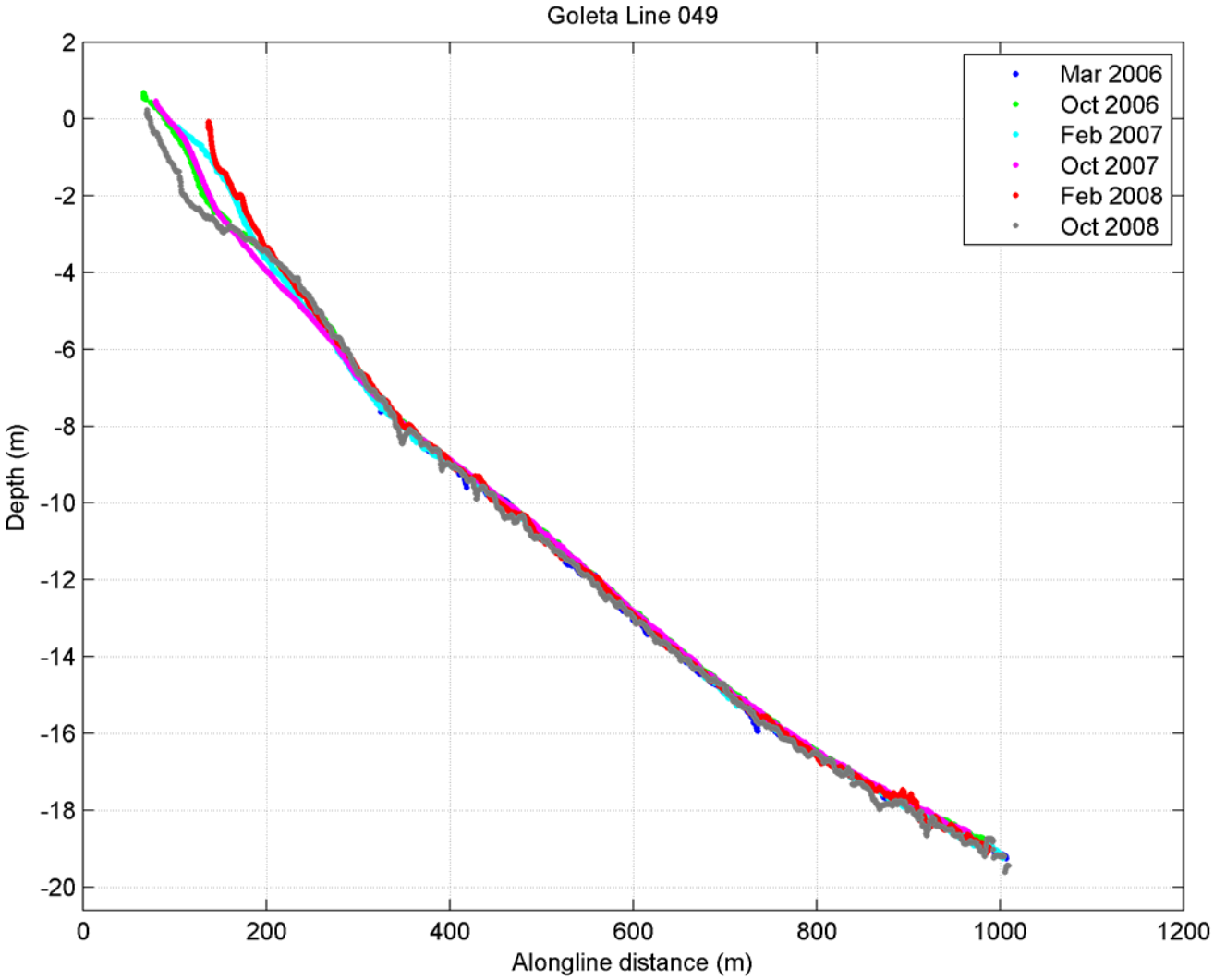

Goleta Line 044
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Oct 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
-12
-14
-16
-18
-20
100
200
300
400
500
600
700
800
900
1000
1100

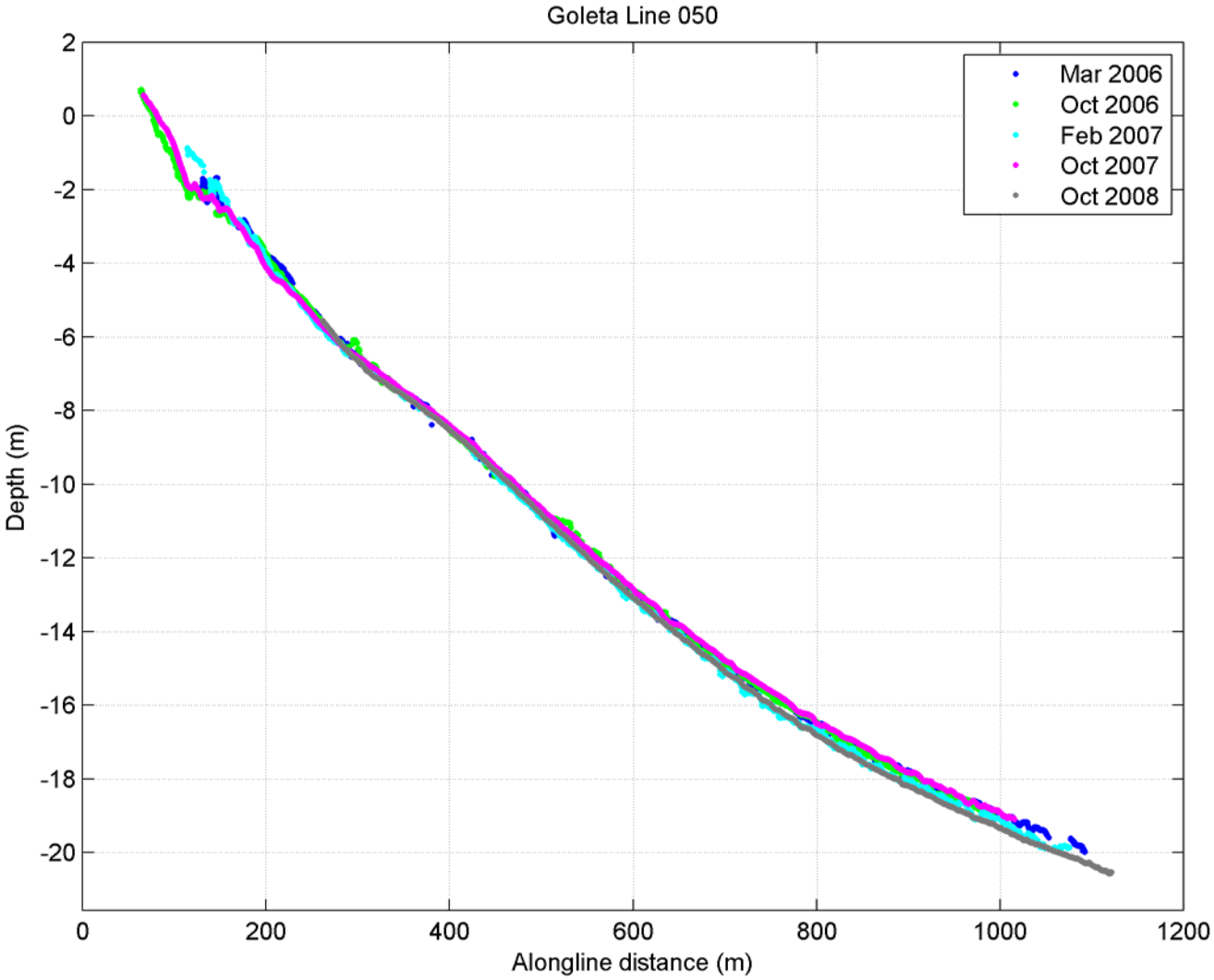

Goleta Line 045
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
-12
-14
-16
-18
-20
0
200
400
600
800
1000
1200

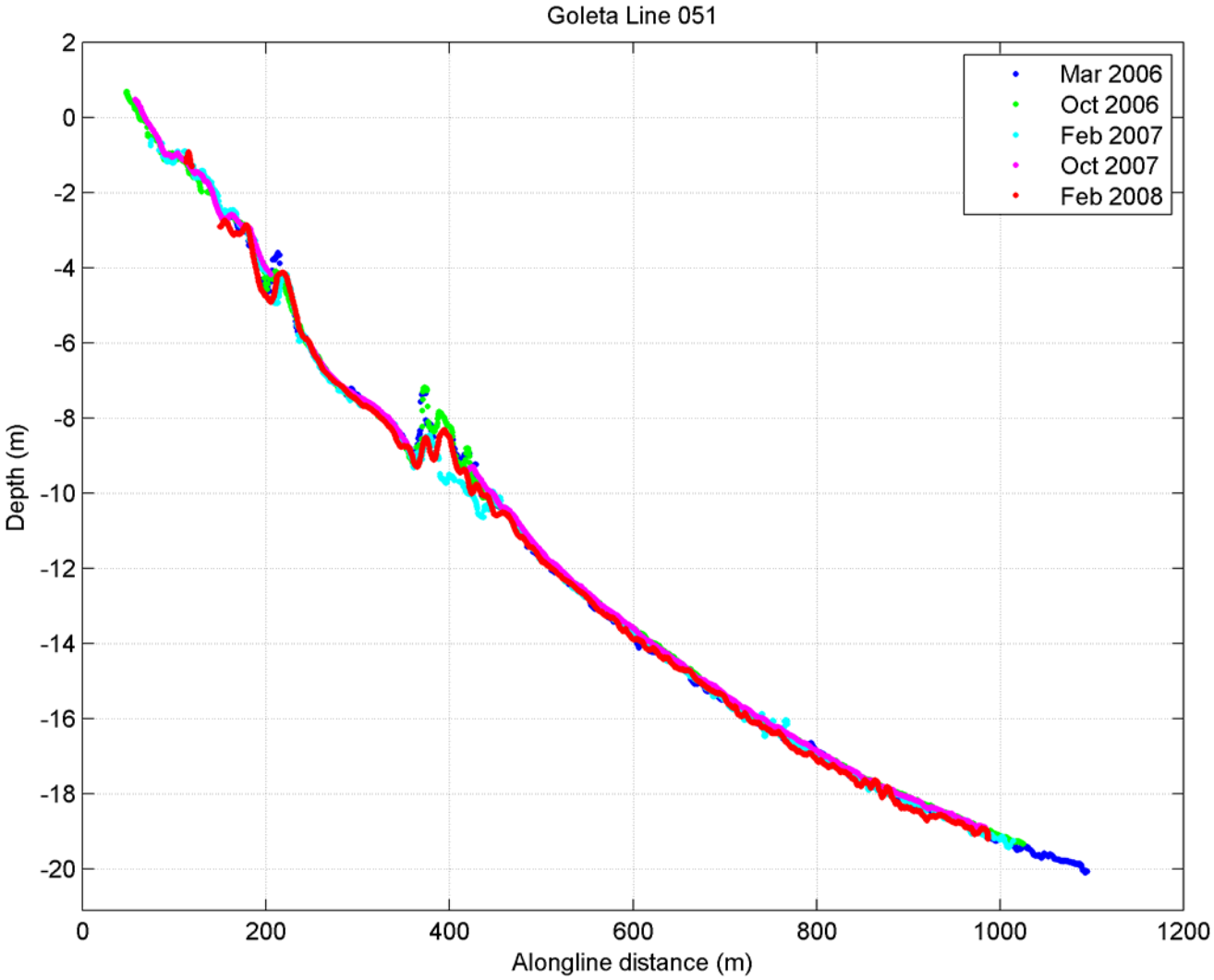

Goleta Line 046
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Oct 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
-12
-14
-16
-18
-20
100
200
300
400
500
600
700
800
900
1000
1100

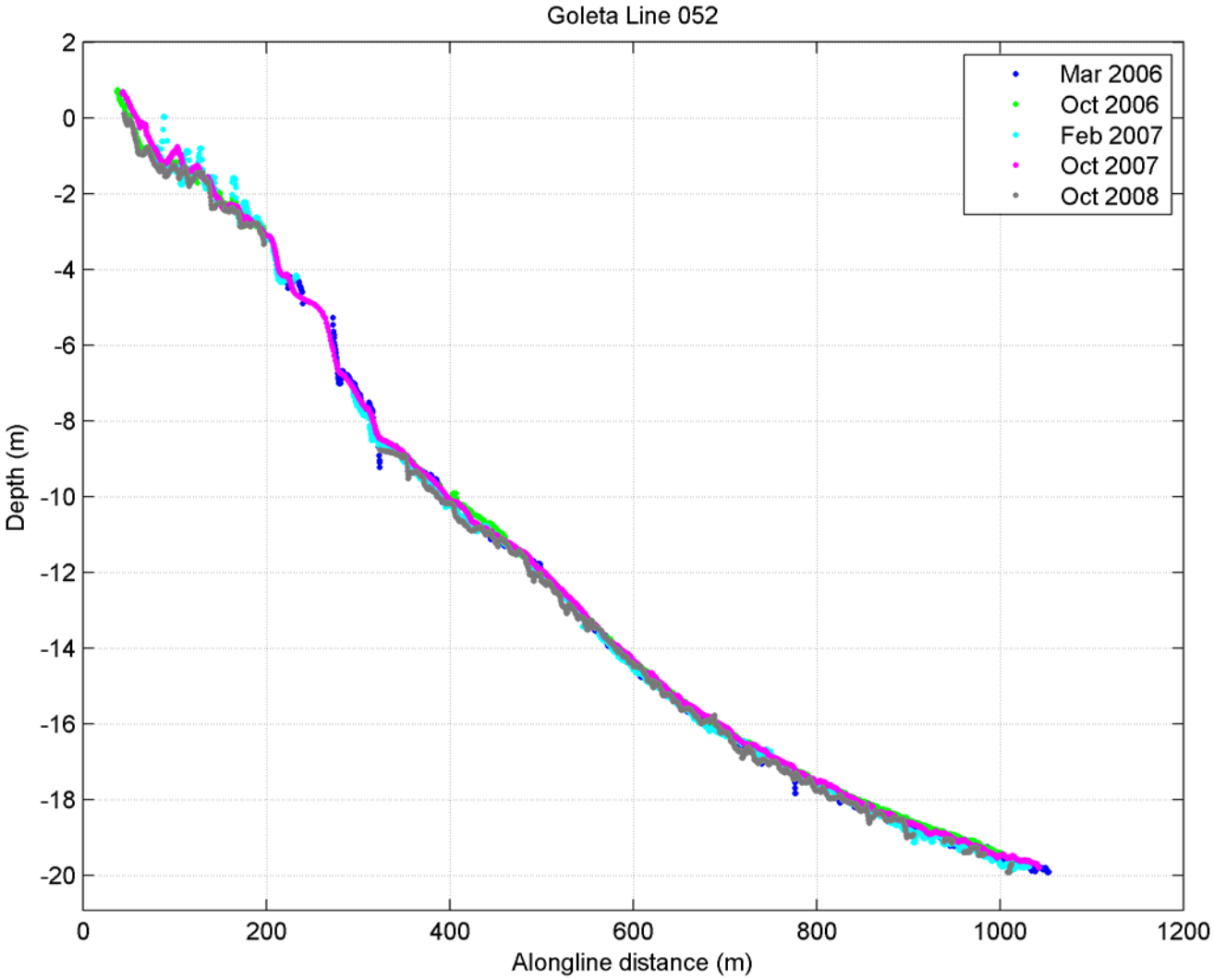

Goleta Line 047
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
-12
-14
-16
-18
-20
0
200
400
600
800
1000
1200

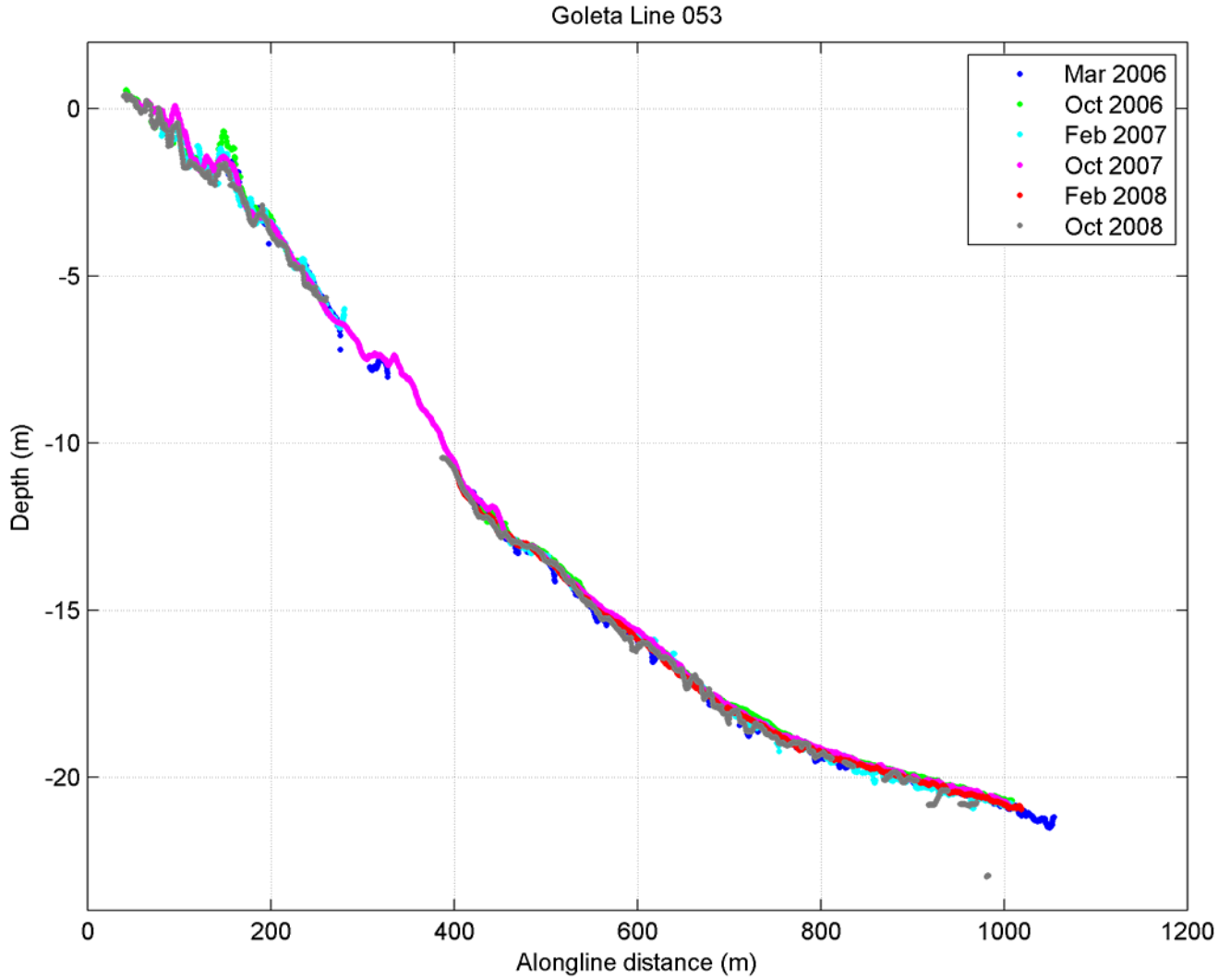

Goleta Line 048
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Oct 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
-12
-14
-16
-18
-20
0
200
400
600
800
1000
1200

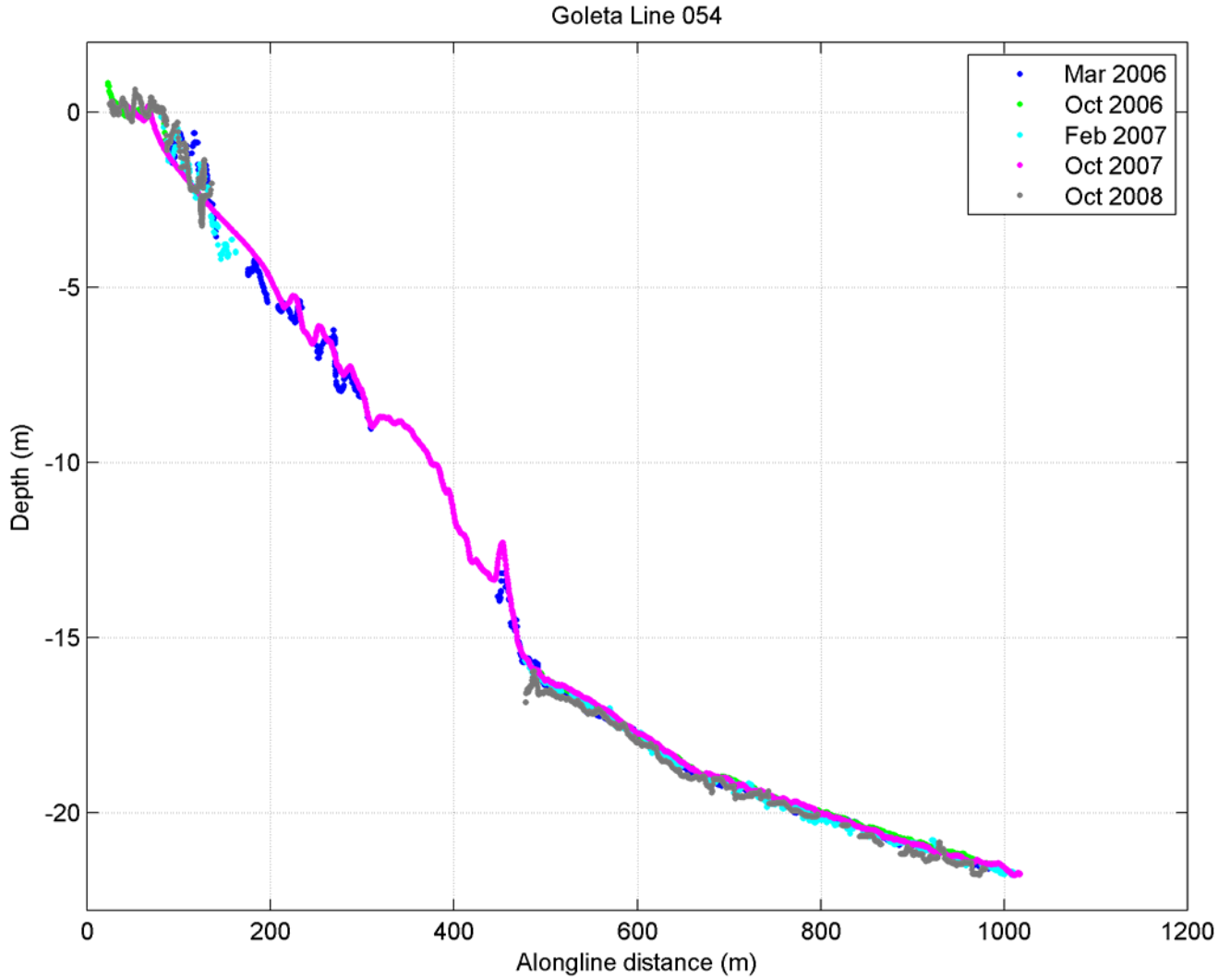

Goleta Line 049
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
-12
-14
-16
-18
-20
0
200
400
600
800
1000
1200

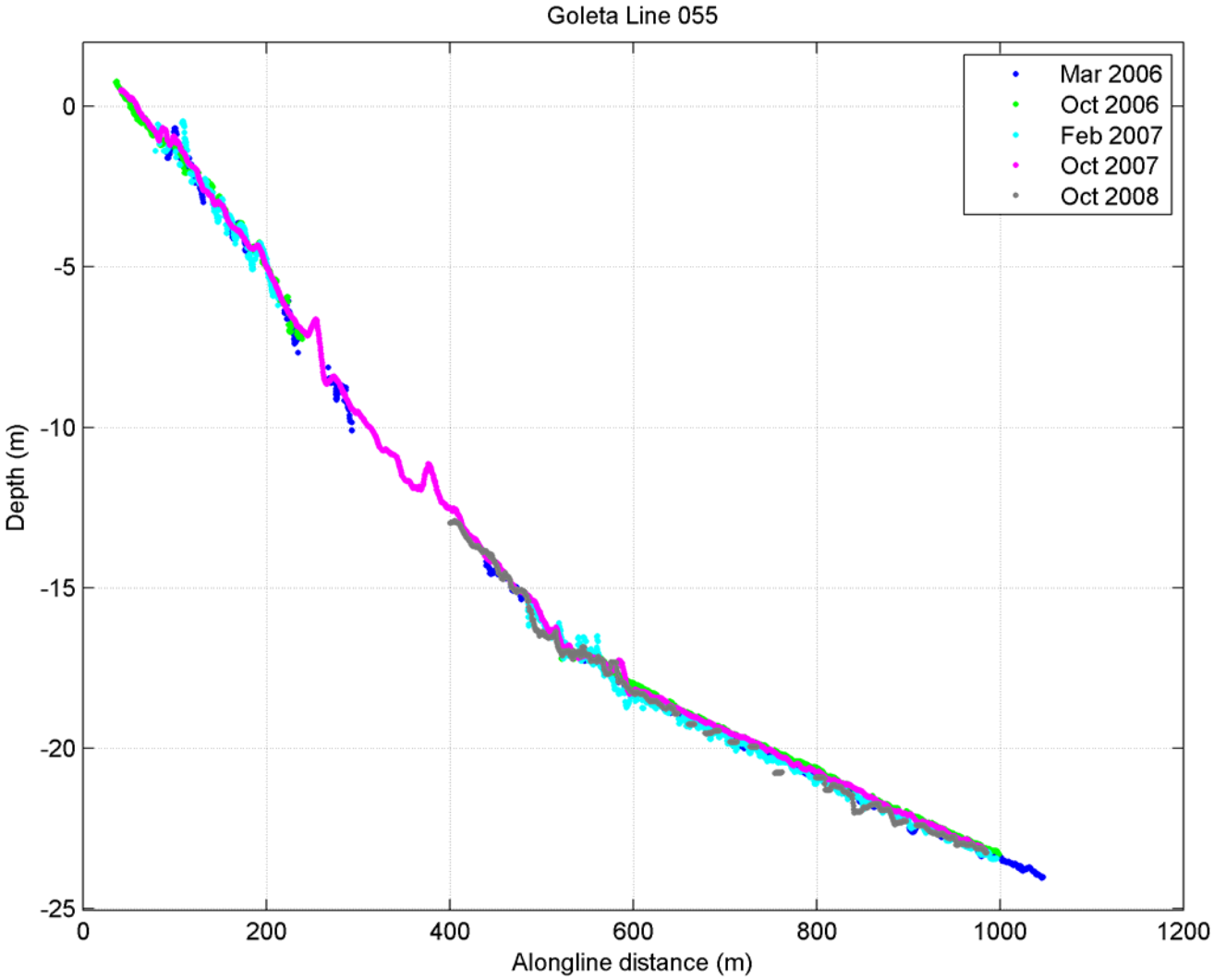

Goleta Line 050
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Oct 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
-12
-14
-16
-18
-20
0
200
400
600
800
1000
1200

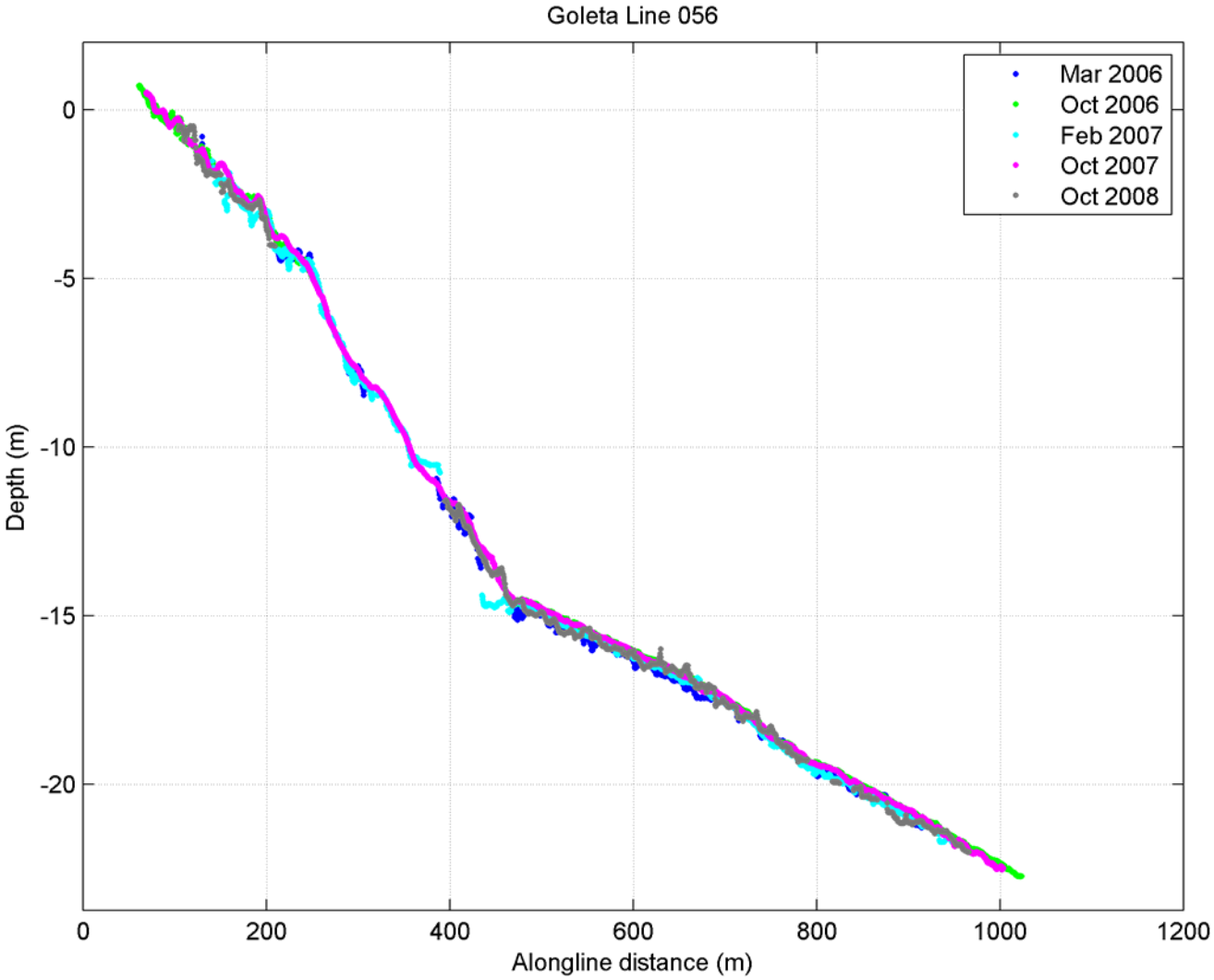

Goleta Line 051
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
-12
-14
-16
-18
-20
0
200
400
600
800
1000
1200

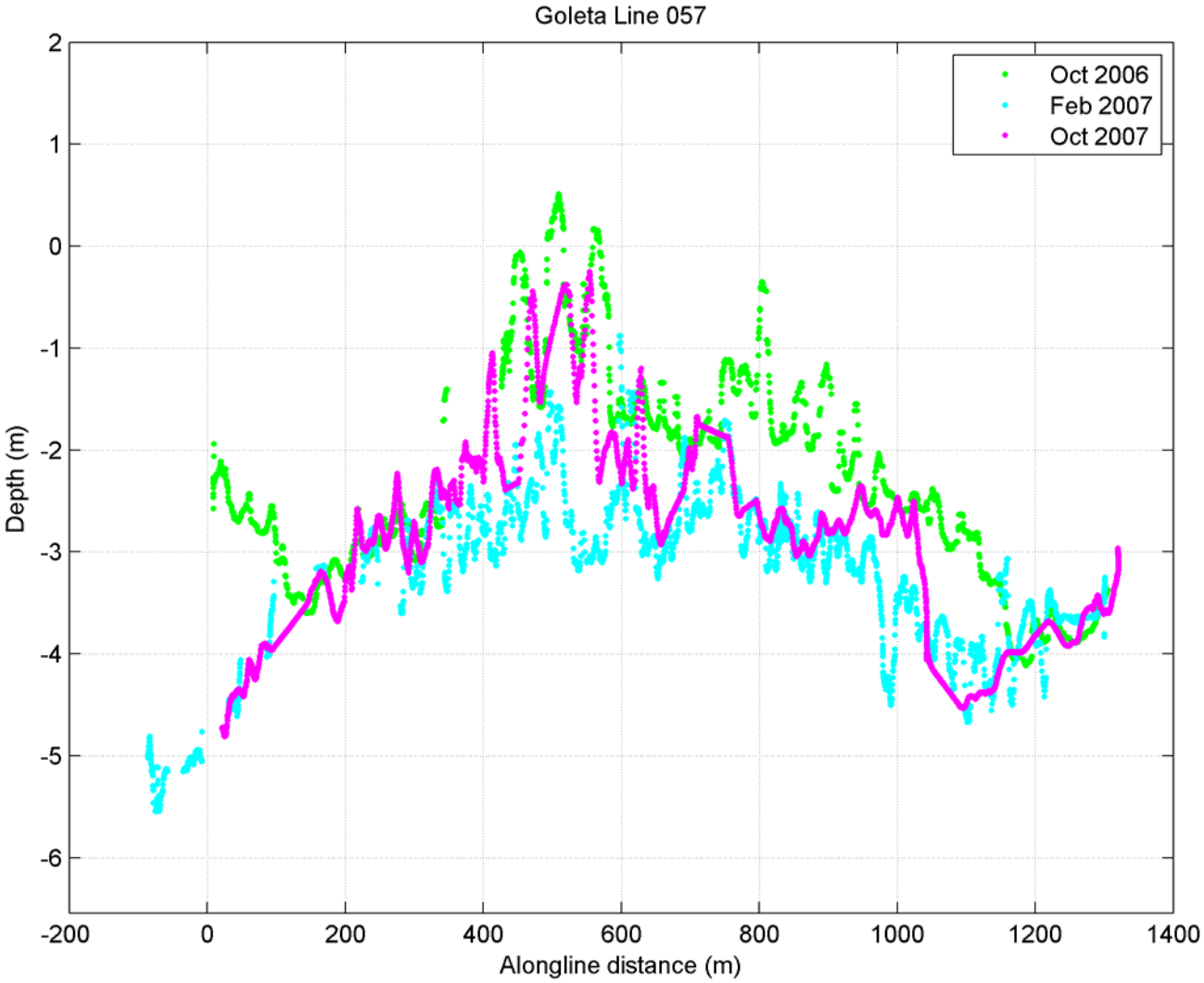

Goleta Line 052
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Oct 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
-12
-14
-16
-18
-20
0
200
400
600
800
1000
1200

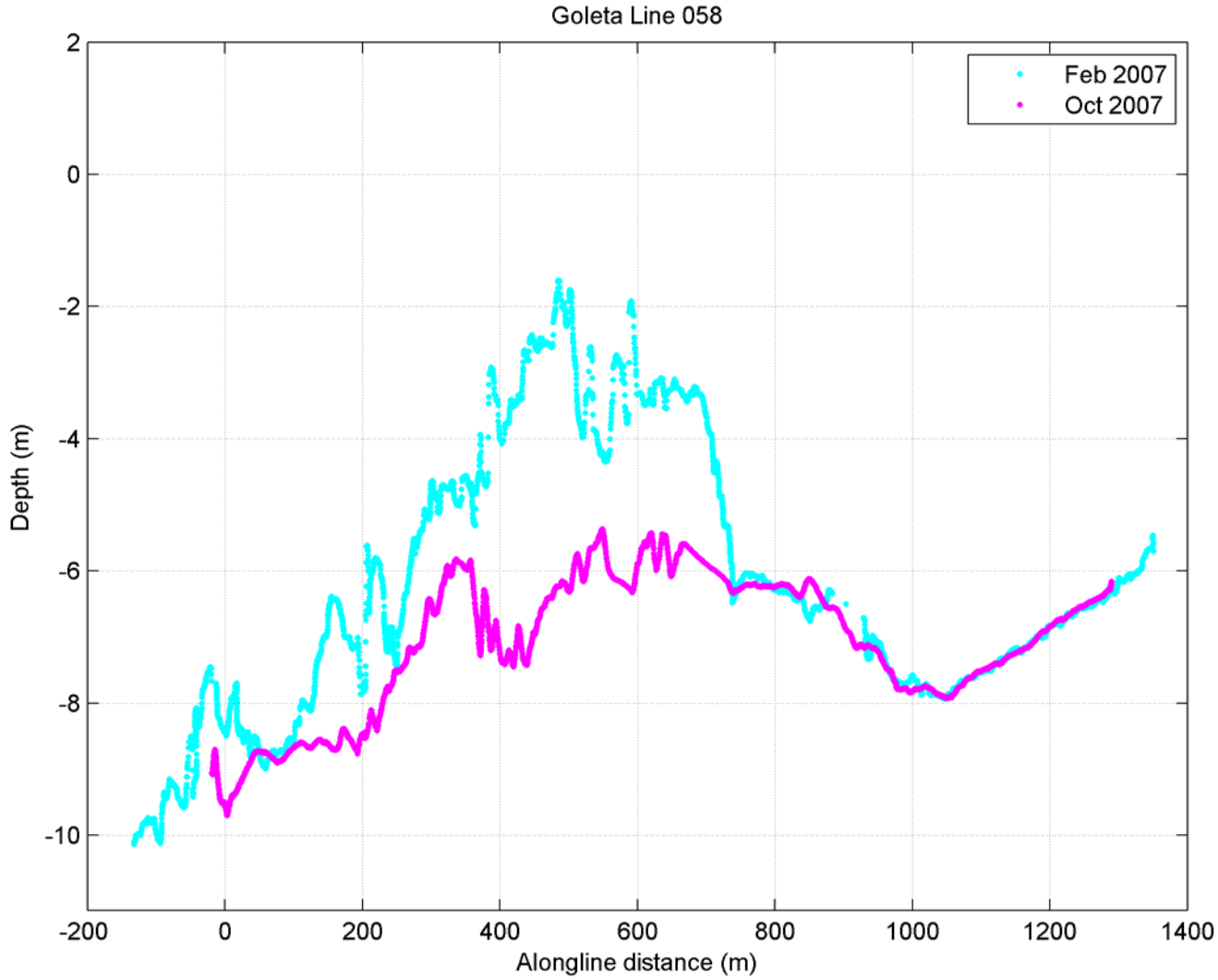

Goleta Line 053
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
0
-5
-10
-15
-20
0
200
400
600
800
1000
1200
Alongline distance (m)

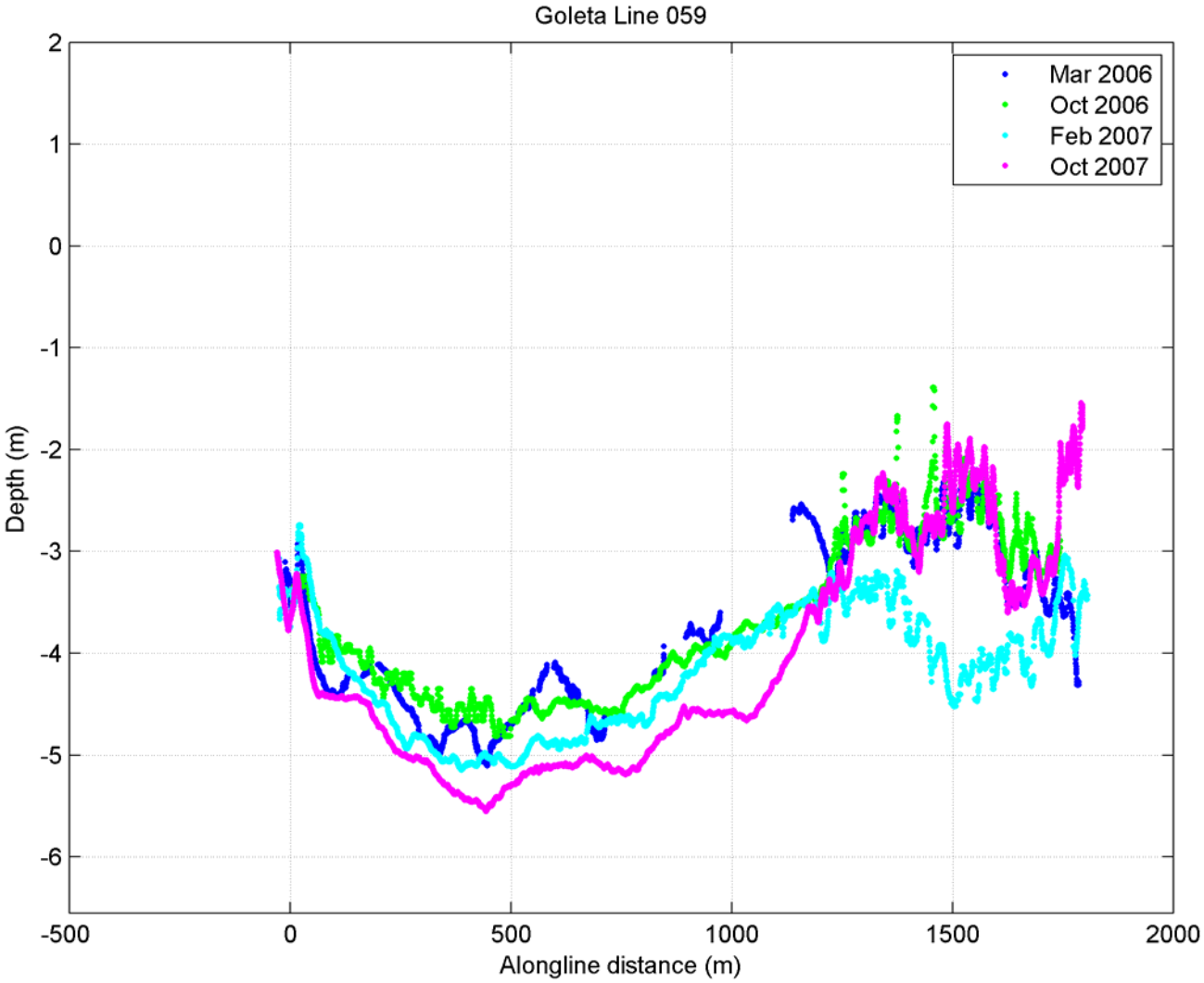

Goleta Line 054
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Oct 2008
0
-5
-10
-15
-20
Depth (m)
0
200
400
600
800
1000
1200
Alongline distance (m)

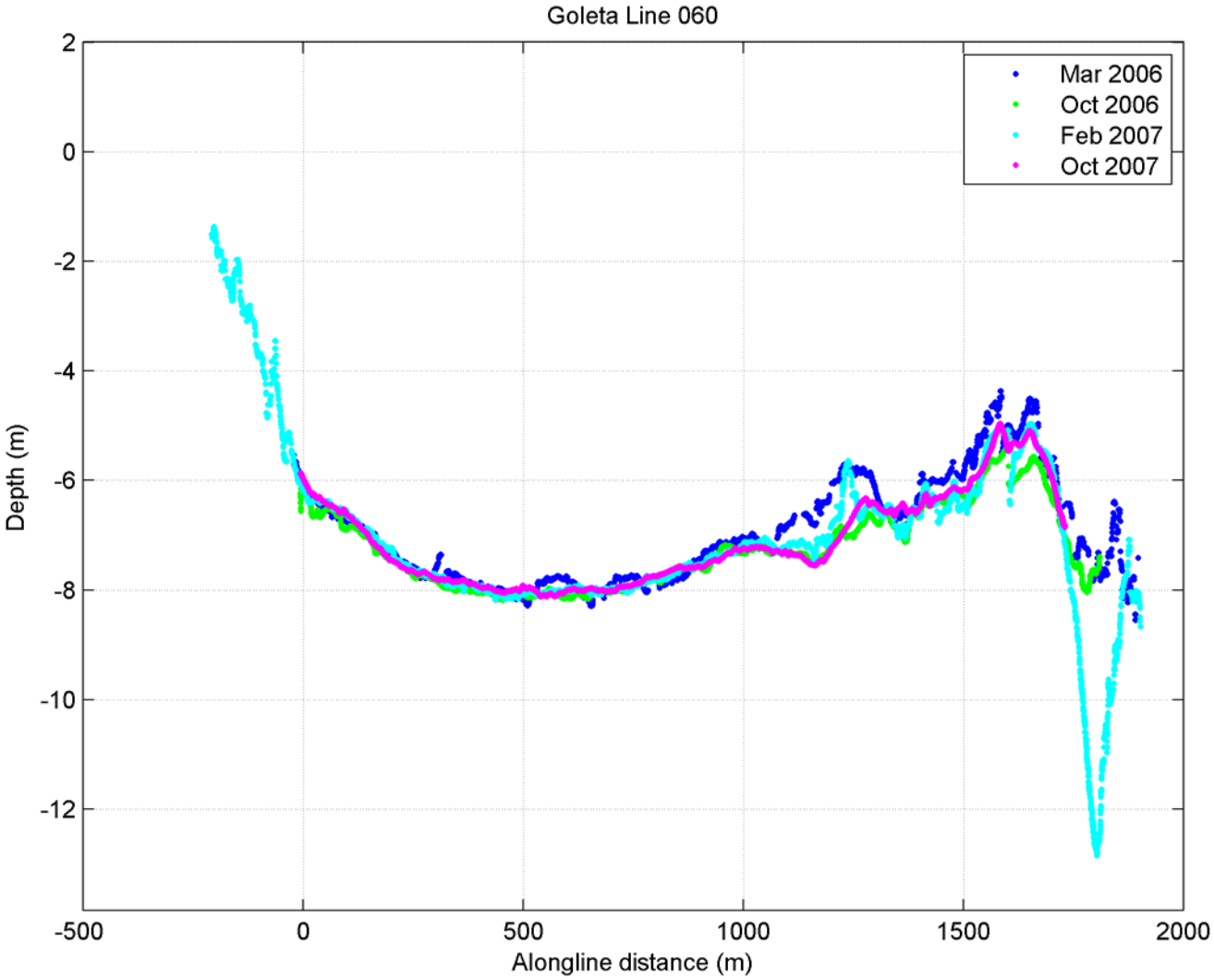

Goleta Line 055
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Oct 2008
Depth (m)
0
-5
-10
-15
-20
-25
0
200
400
600
800
1000
1200
Alongline distance (m)

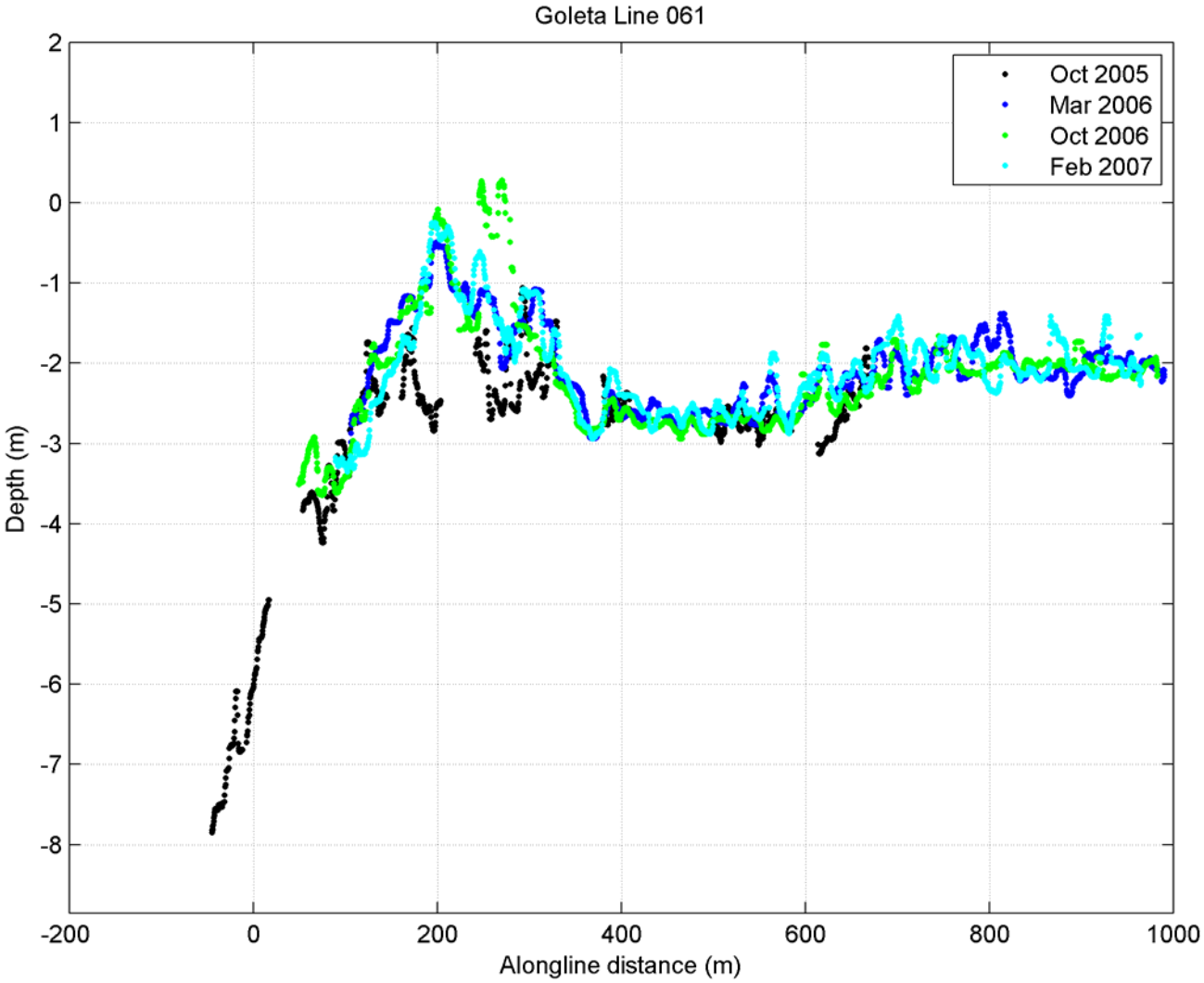

Goleta Line 056
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Oct 2008
0
-5
-10
-15
-20
Depth (m)
0
200
400
600
800
1000
1200
Alongline distance (m)

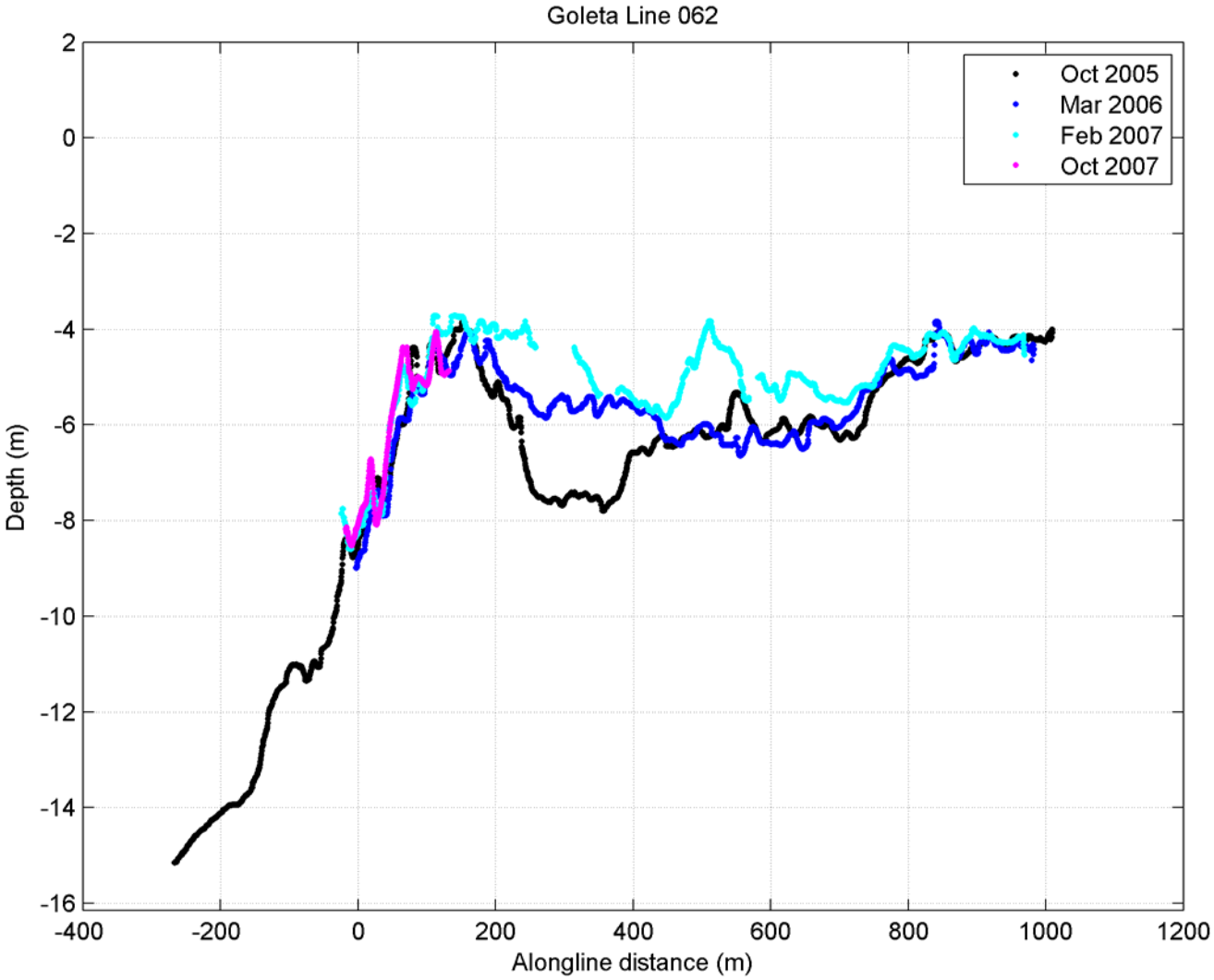

Goleta Line 057
Oct 2006
Feb 2007
Oct 2007
Depth (m)
Alongline distance (m)
2
1
0
-1
-2
-3
-4
-5
-6
-200
0
200
400
600
800
1000
1200
1400

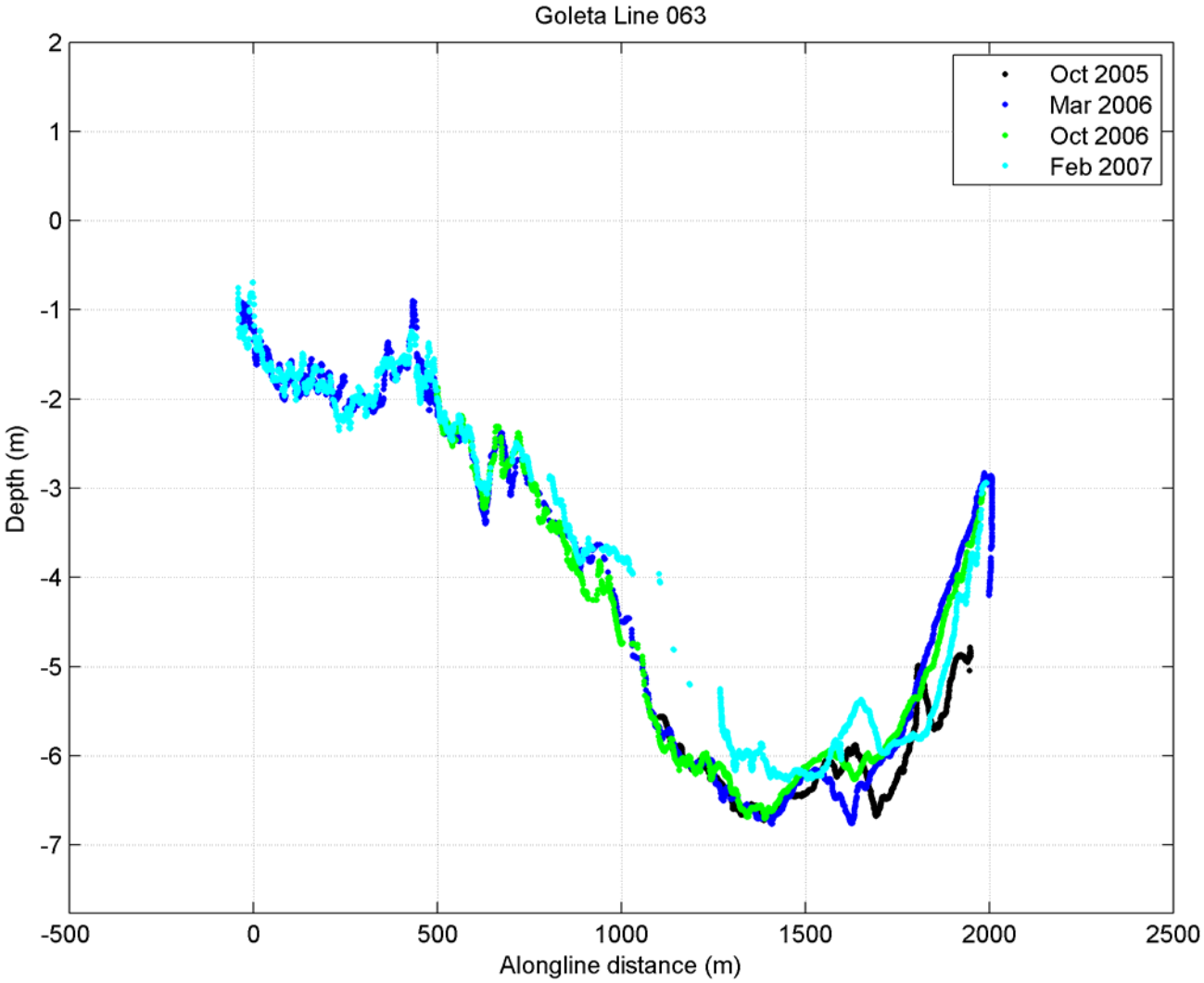

Goleta Line 058
Feb 2007
Oct 2007
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
-200
0
200
400
600
800
1000
1200
1400

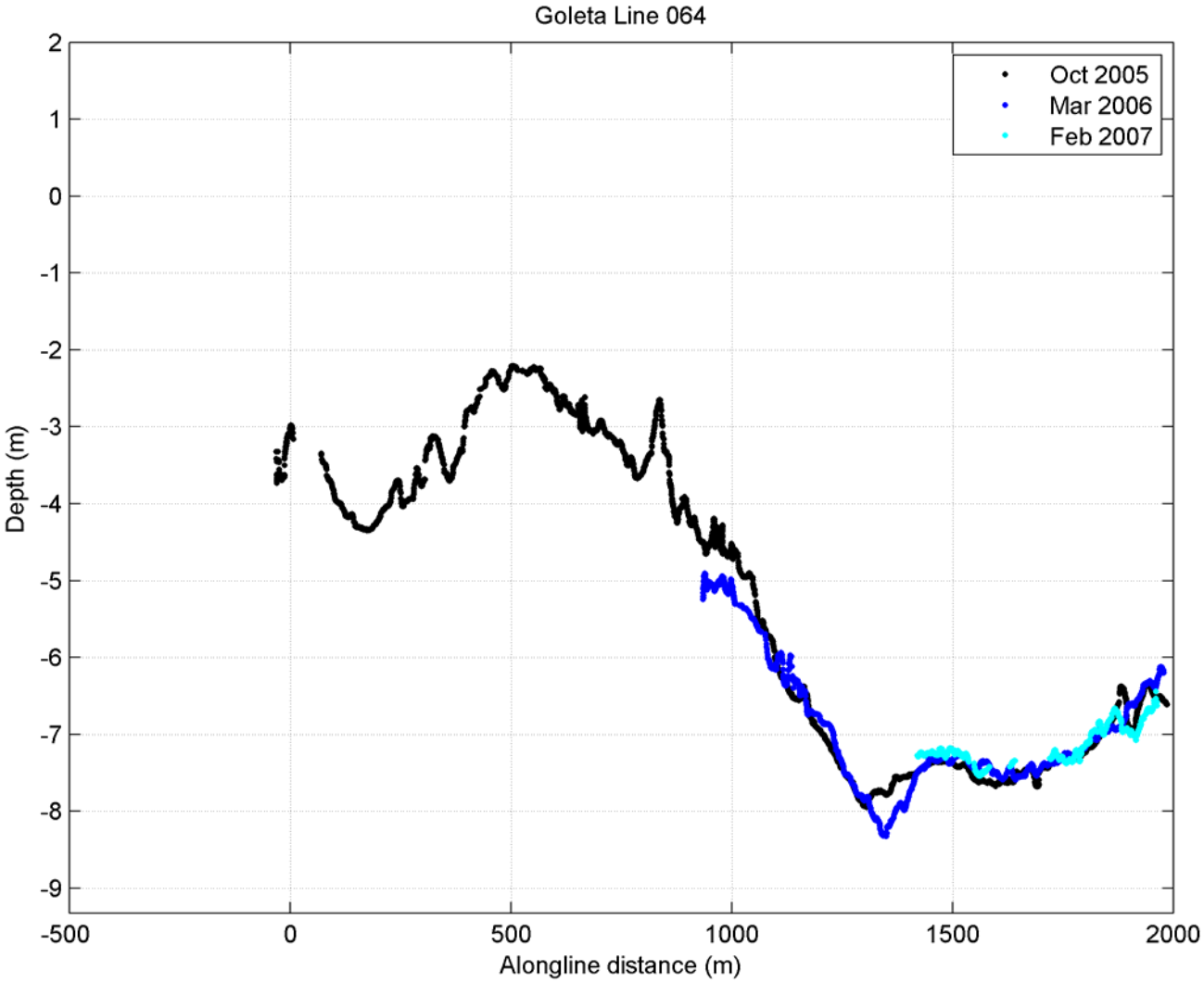

Goleta Line 059
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Depth (m)
Alongline distance (m)
2
1
0
-1
-2
-3
-4
-5
-6
-500
0
500
1000
1500
2000

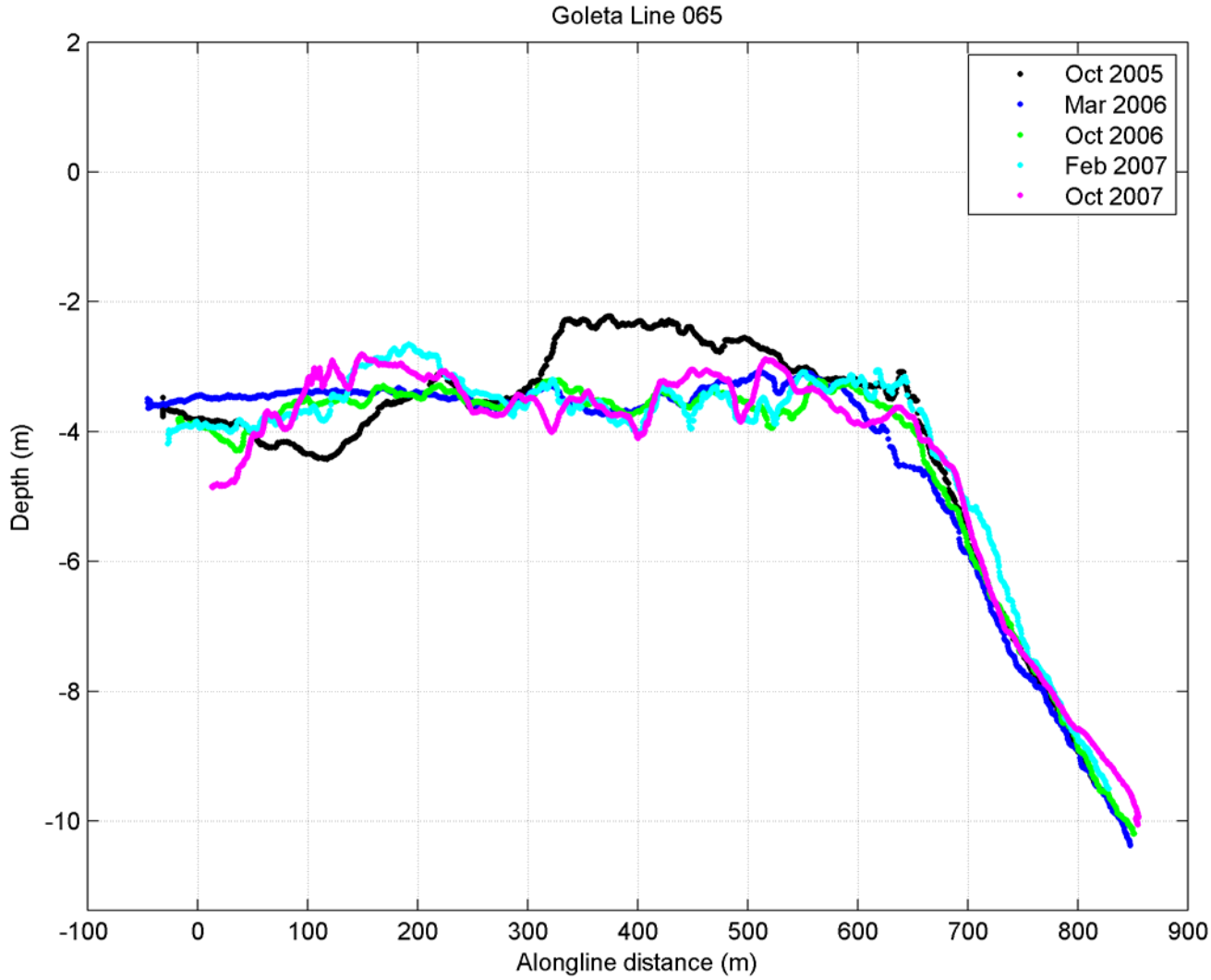

Goleta Line 060
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
-12
-500
0
500
1000
1500
2000

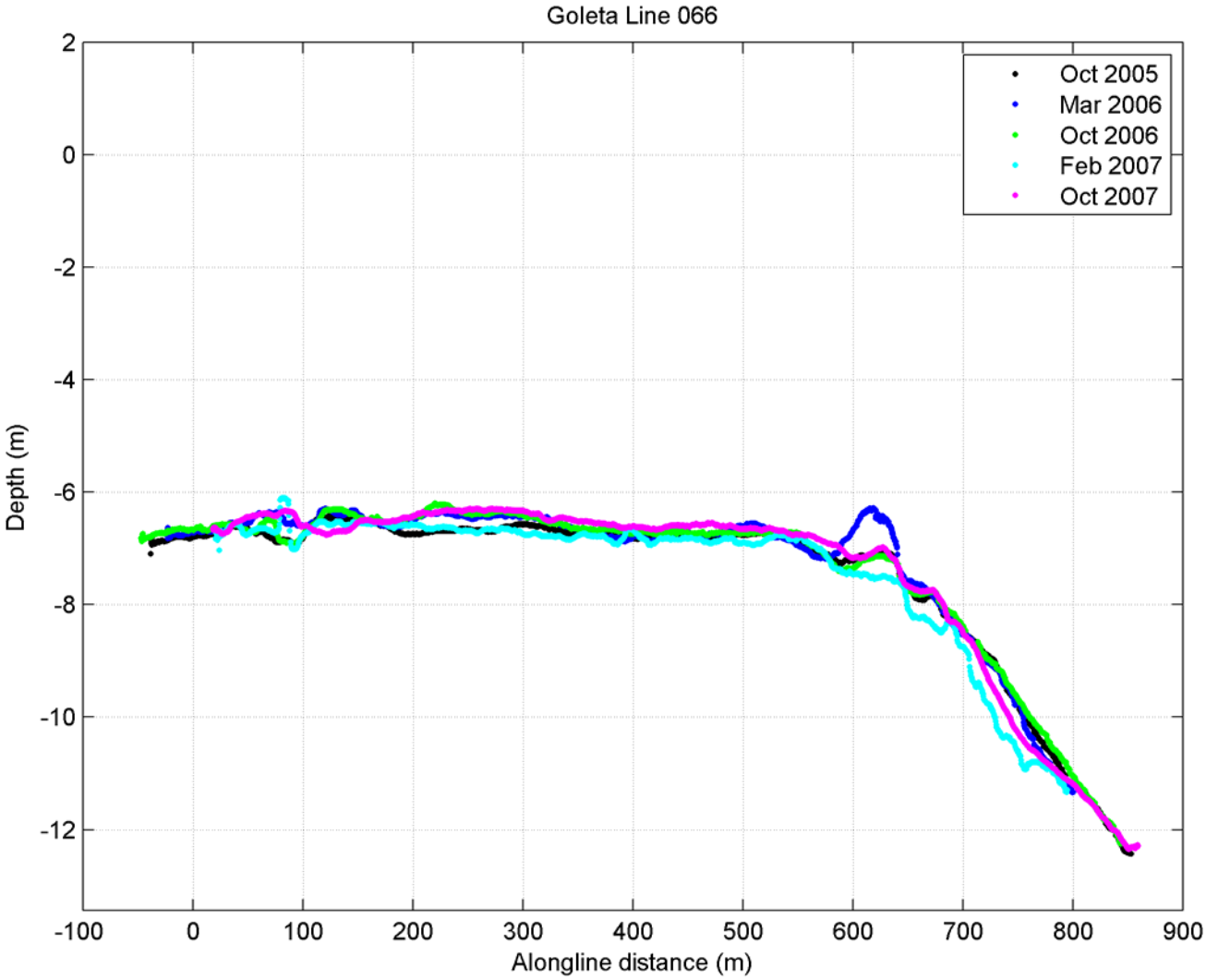

Goleta Line 061
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Depth (m)
Alongline distance (m)
2
1
0
-1
-2
-3
-4
-5
-6
-7
-8
-200
0
200
400
600
800
1000

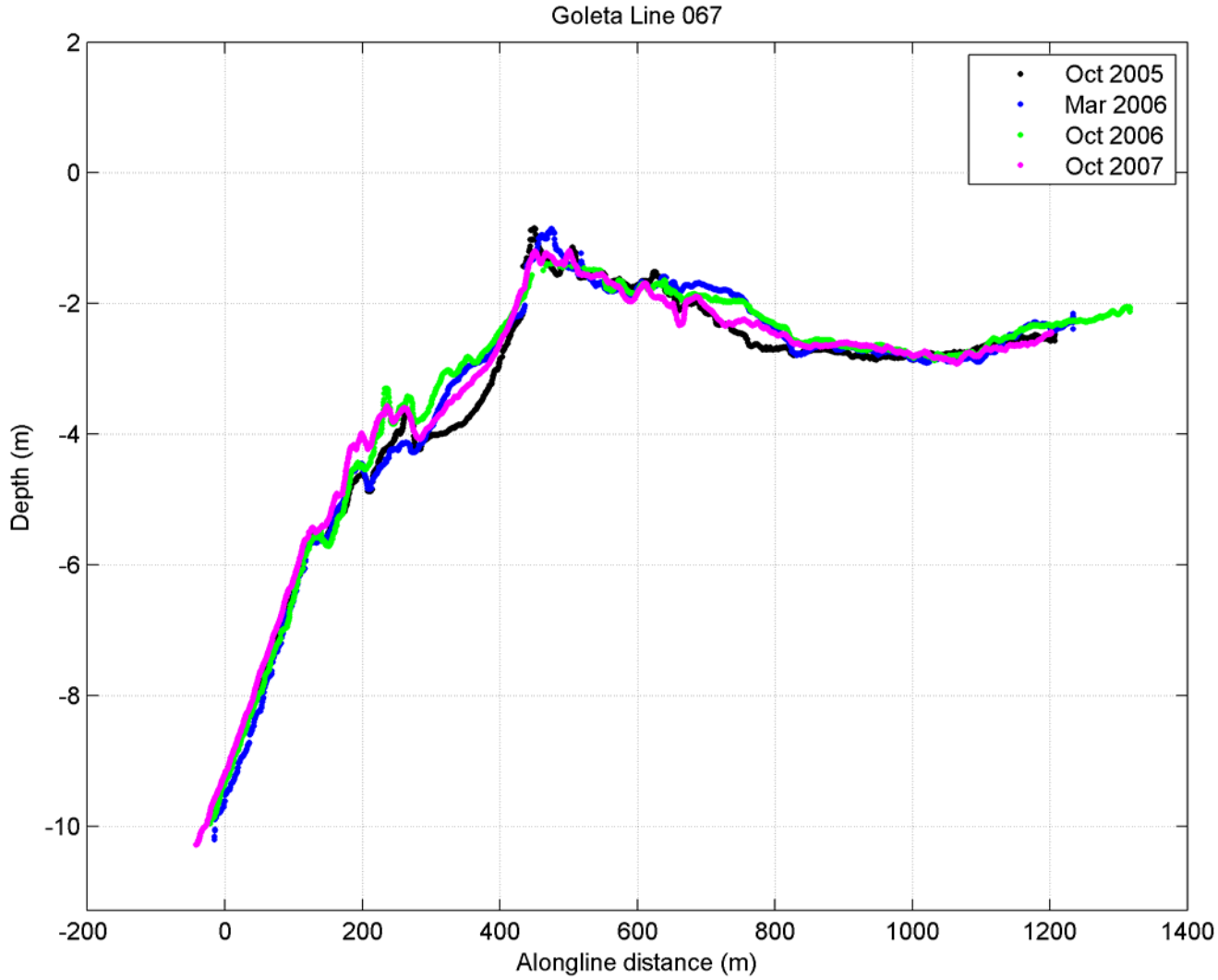

Goleta Line 062
Oct 2005
Mar 2006
Feb 2007
Oct 2007
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
-12
-14
-16
-400
-200
0
200
400
600
800
1000
1200

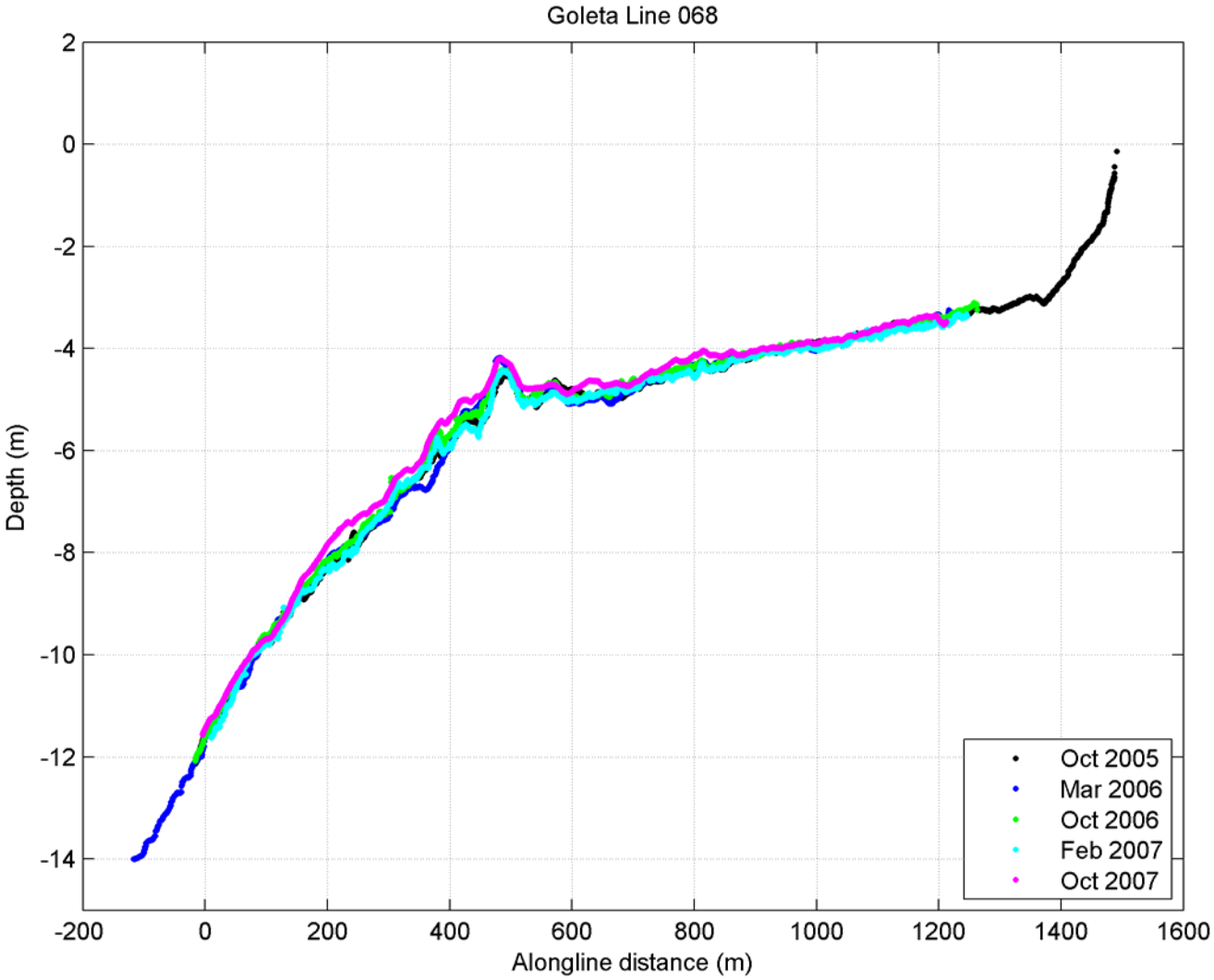

Goleta Line 063
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Depth (m)
Alongline distance (m)
2
1
0
-1
-2
-3
-4
-5
-6
-7
-500
0
500
1000
1500
2000
2500

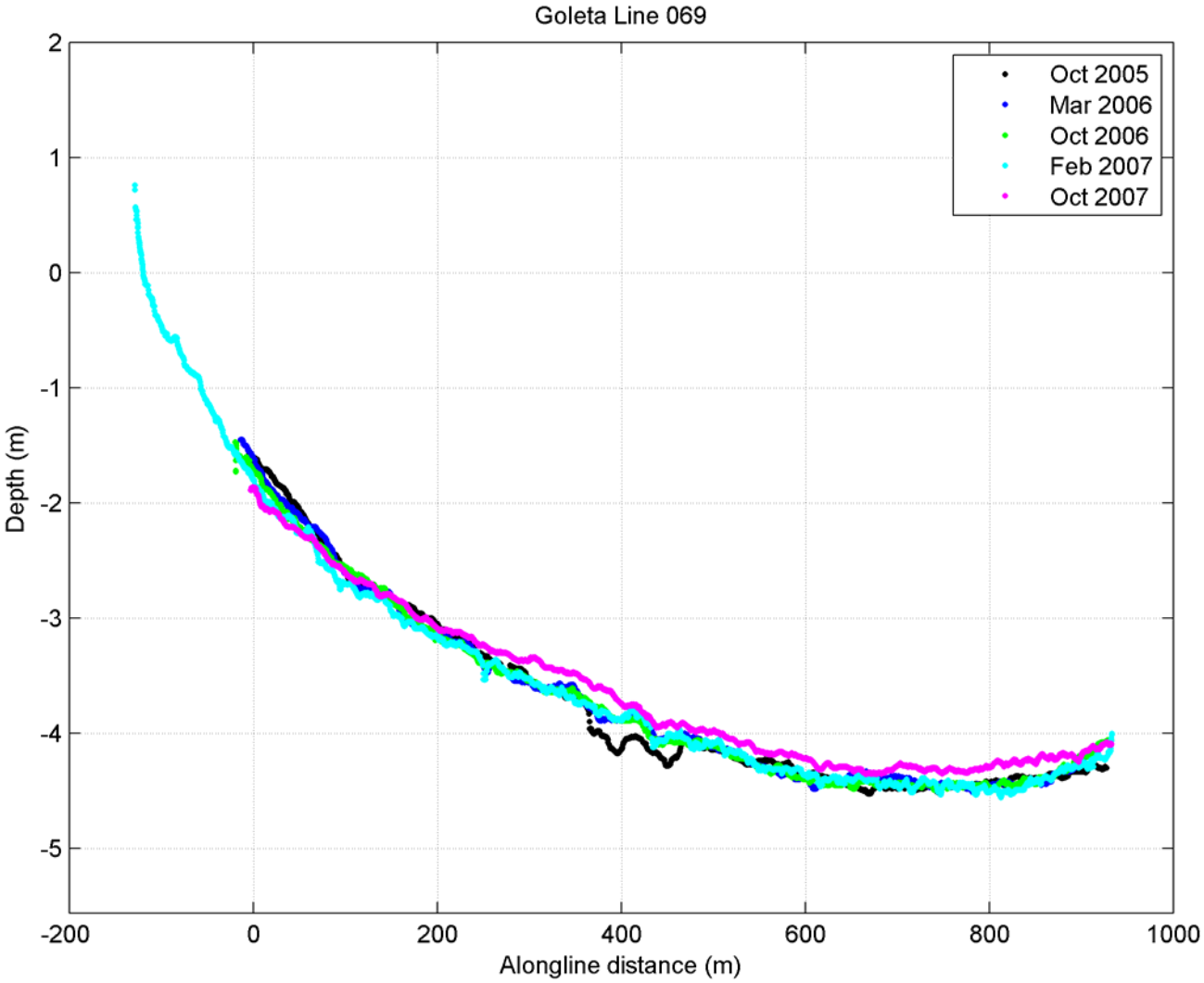

Goleta Line 064
Oct 2005
Mar 2006
Feb 2007
Depth (m)
Alongline distance (m)
2
1
0
-1
-2
-3
-4
-5
-6
-7
-8
-9
-500
0
500
1000
1500
2000

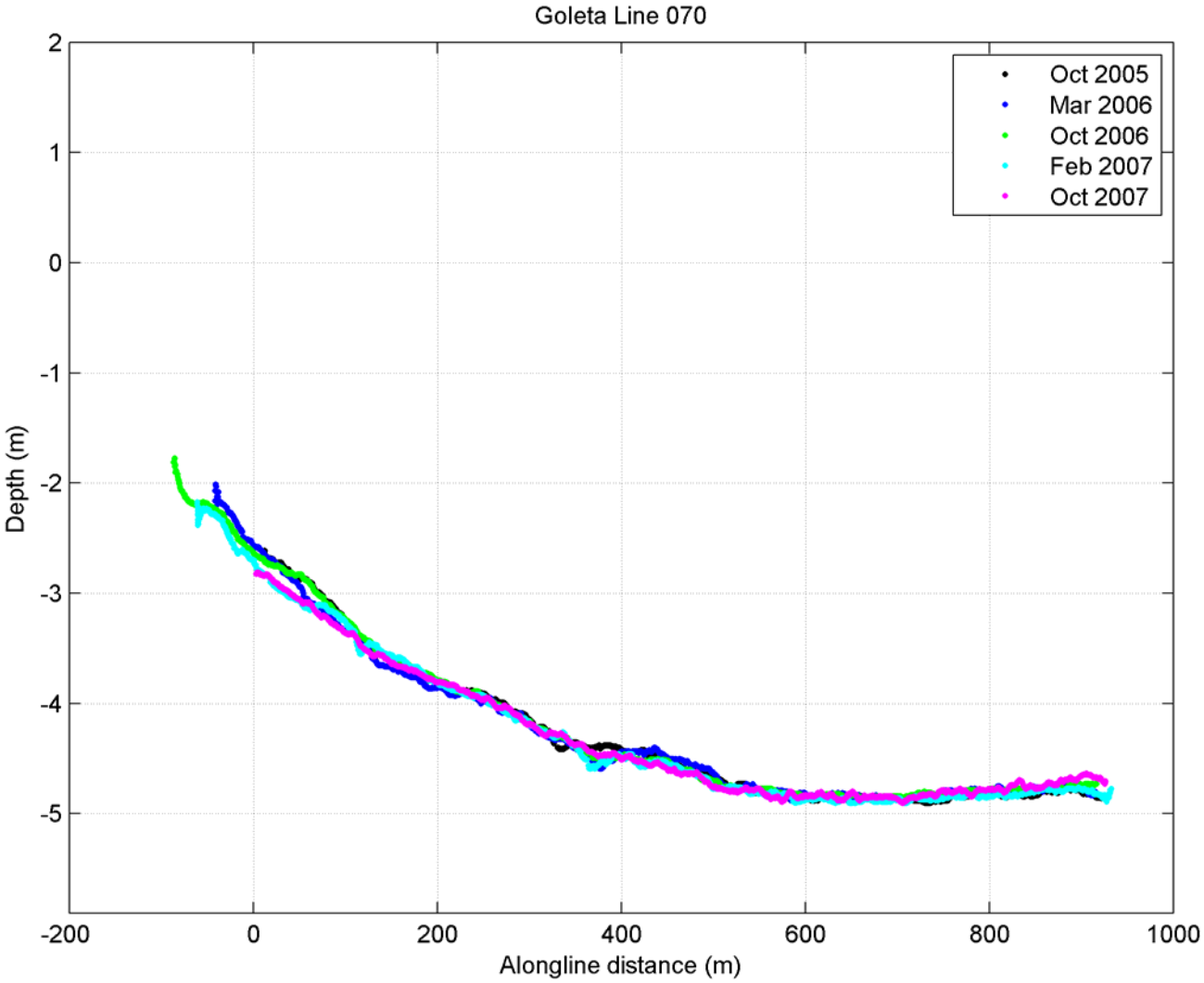

Goleta Line 065
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
-100
0
100
200
300
400
500
600
700
800
900

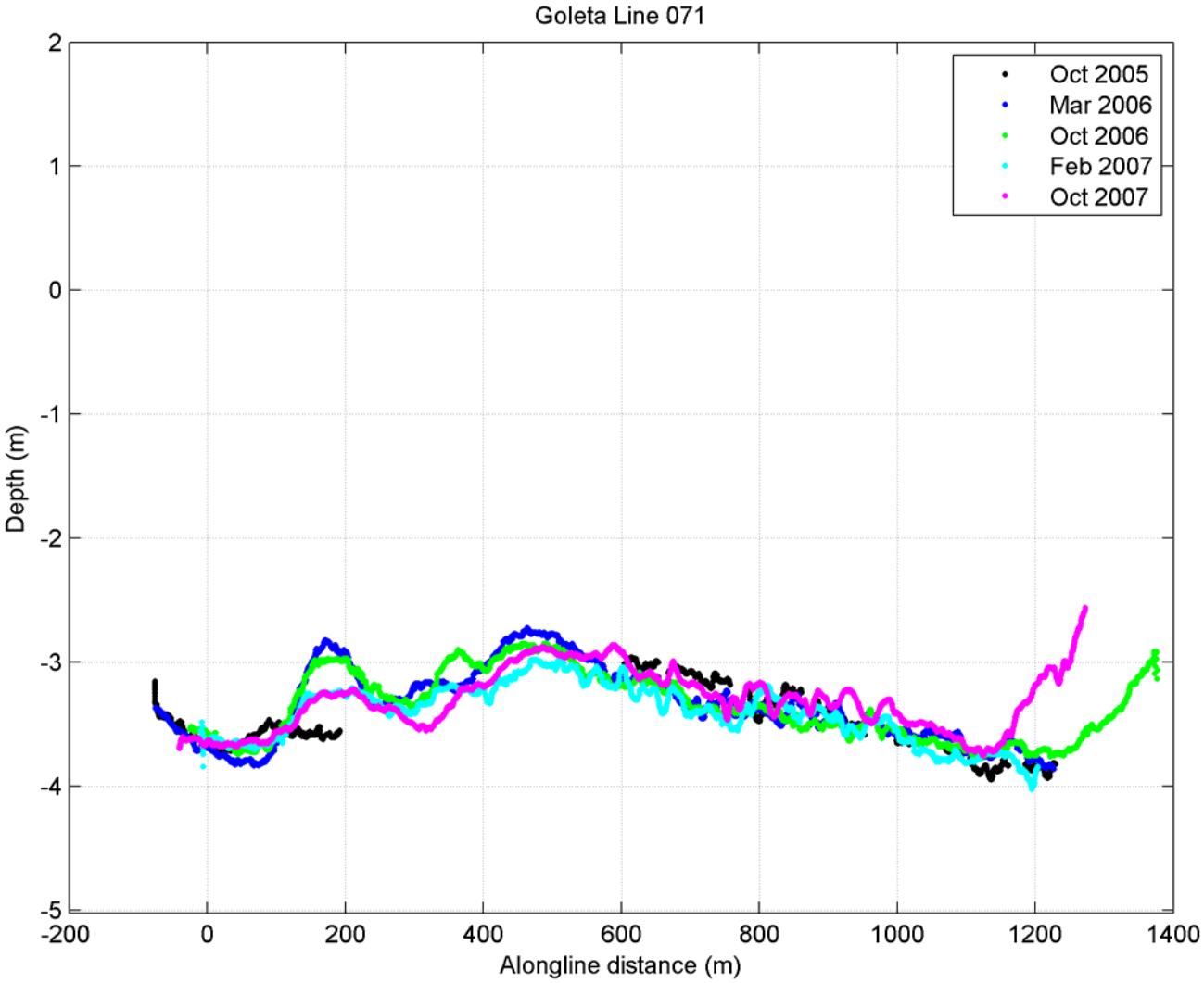

Goleta Line 066
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
-12
-100
0
100
200
300
400
500
600
700
800
900

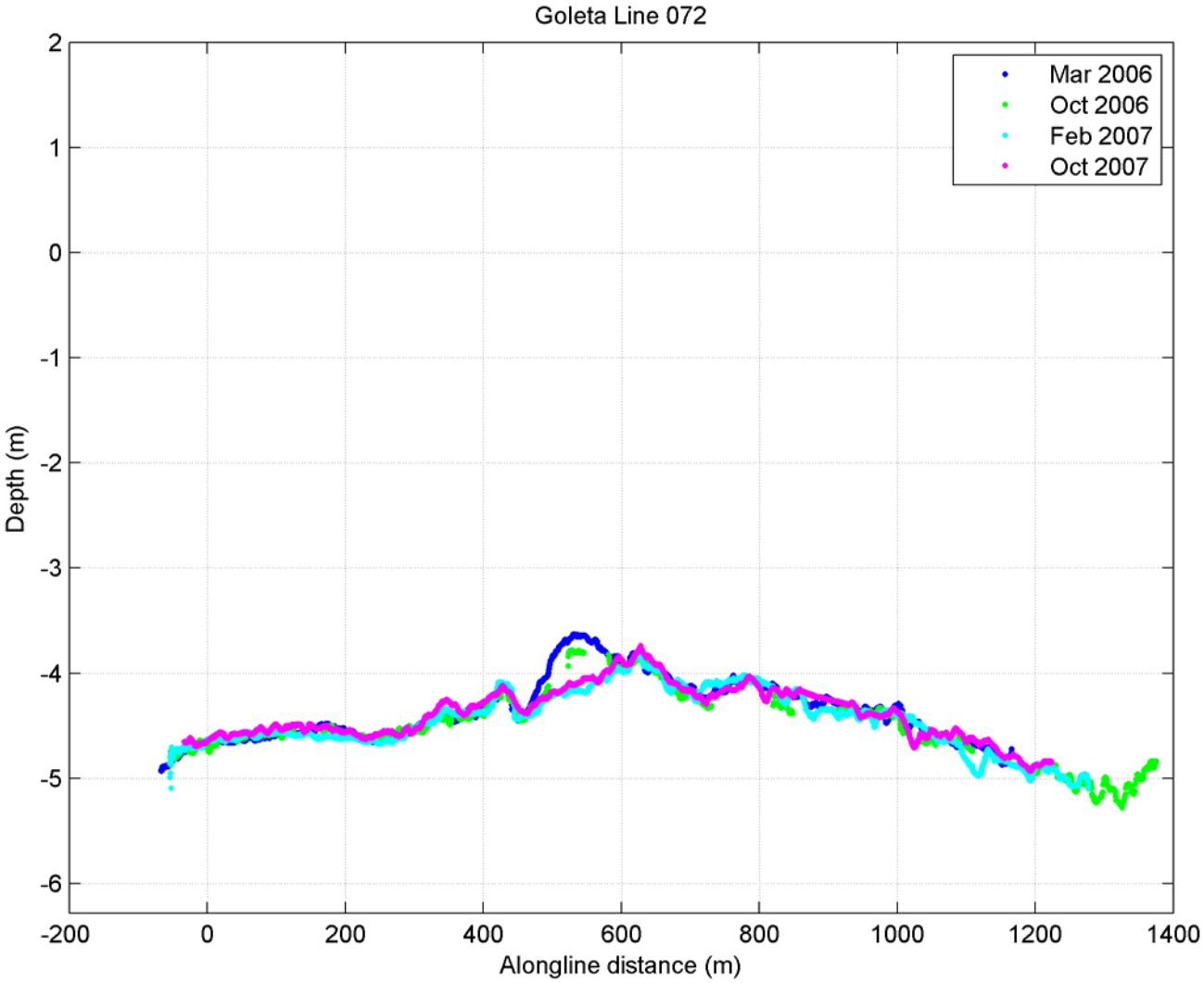

Goleta Line 067
Oct 2005
Mar 2006
Oct 2006
Oct 2007
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
-200
0
200
400
600
800
1000
1200
1400

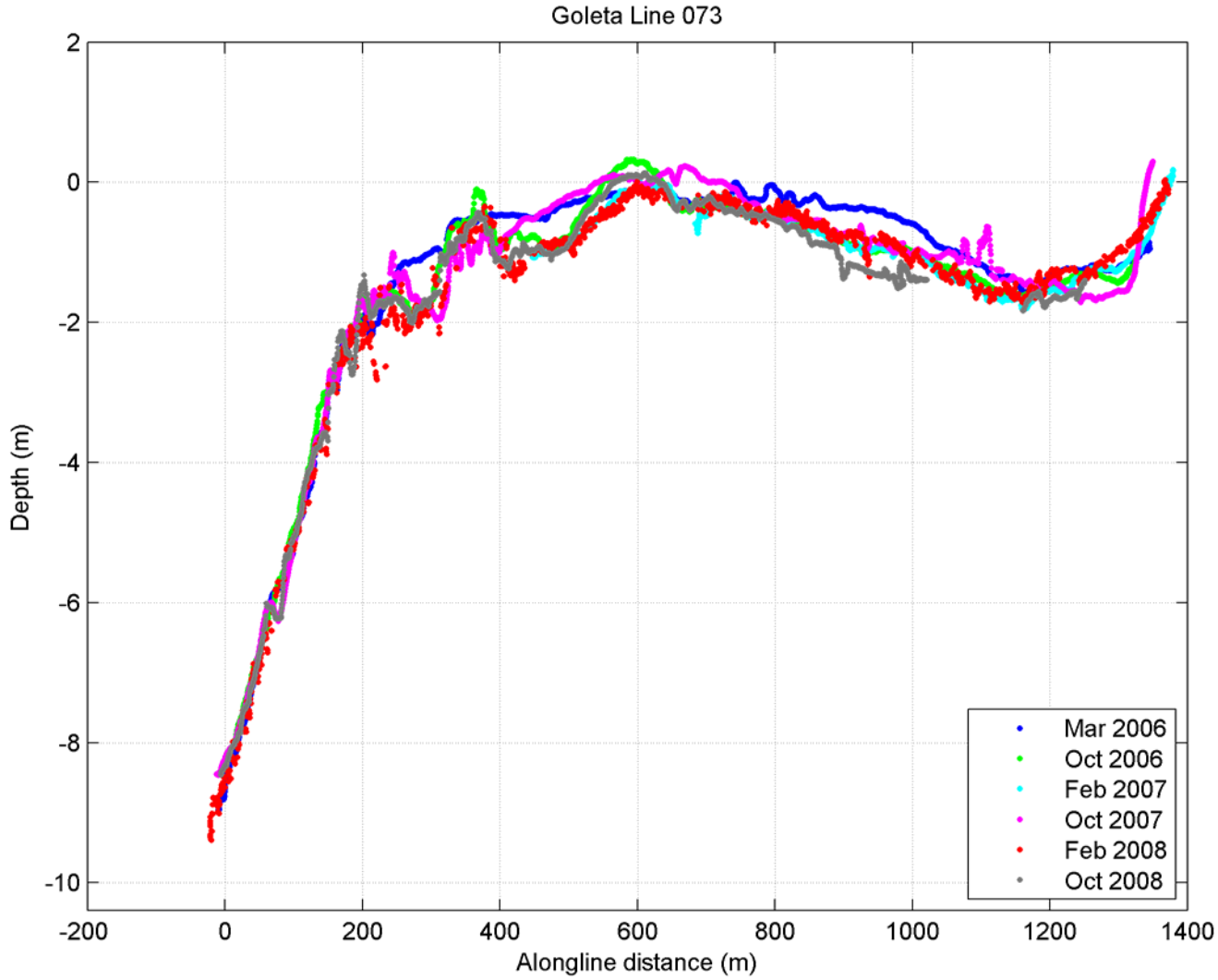

Goleta Line 068
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
-12
-14
-200
0
200
400
600
800
1000
1200
1400
1600
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007


Goleta Line 069
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Depth (m)
Alongline distance (m)
2
1
0
-1
-2
-3
-4
-5
-200
0
200
400
600
800
1000


Goleta Line 070
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Depth (m)
Alongline distance (m)
2
1
0
-1
-2
-3
-4
-5
-200
0
200
400
600
800
1000


Goleta Line 071
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Depth (m)
Alongline distance (m)
2
1
0
-1
-2
-3
-4
-5
-200
0
200
400
600
800
1000
1200
1400


Goleta Line 072
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Depth (m)
Alongline distance (m)
2
1
0
-1
-2
-3
-4
-5
-6
-200
0
200
400
600
800
1000
1200
1400


Goleta Line 073
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
-200
0
200
400
600
800
1000
1200
1400
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008

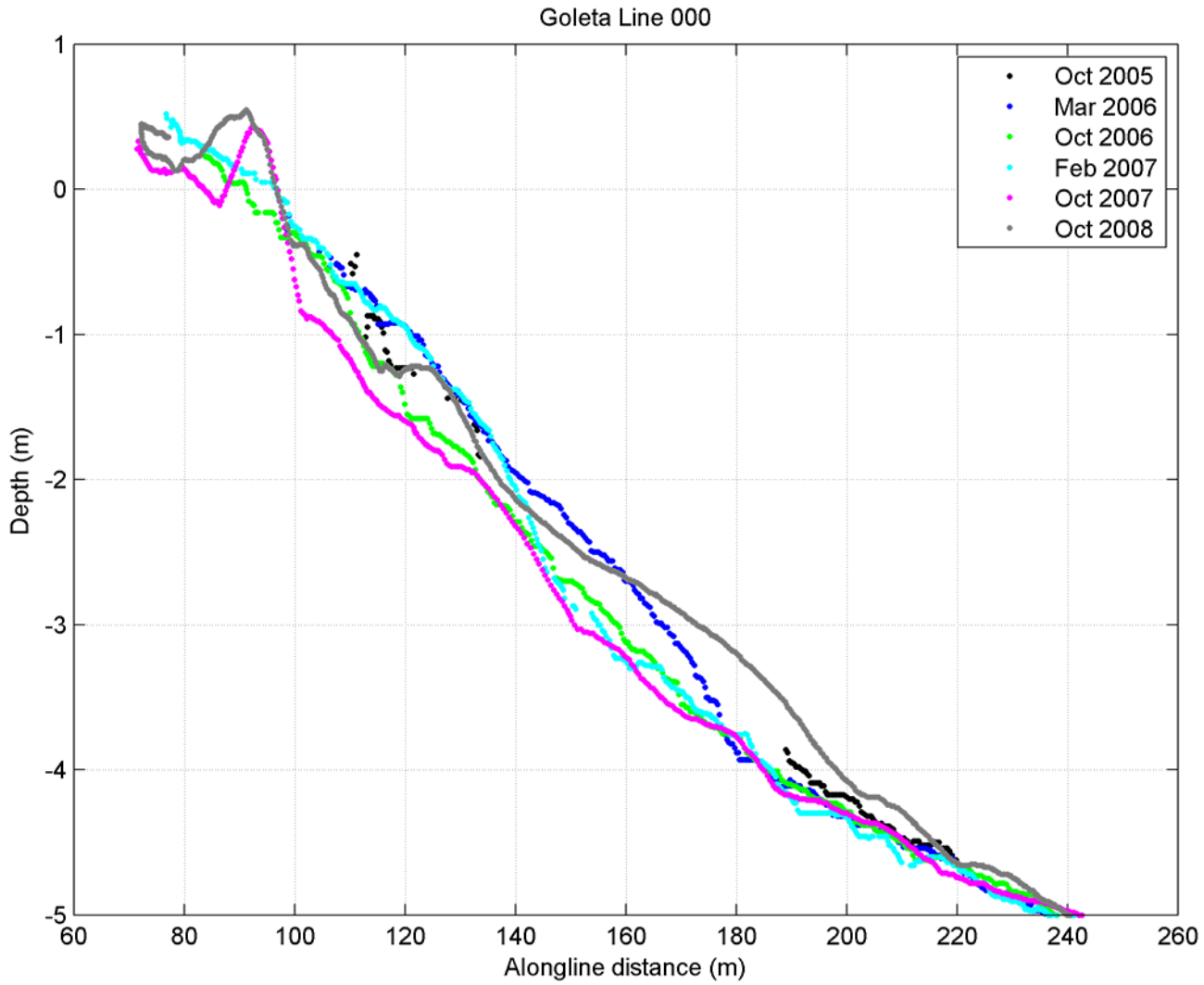
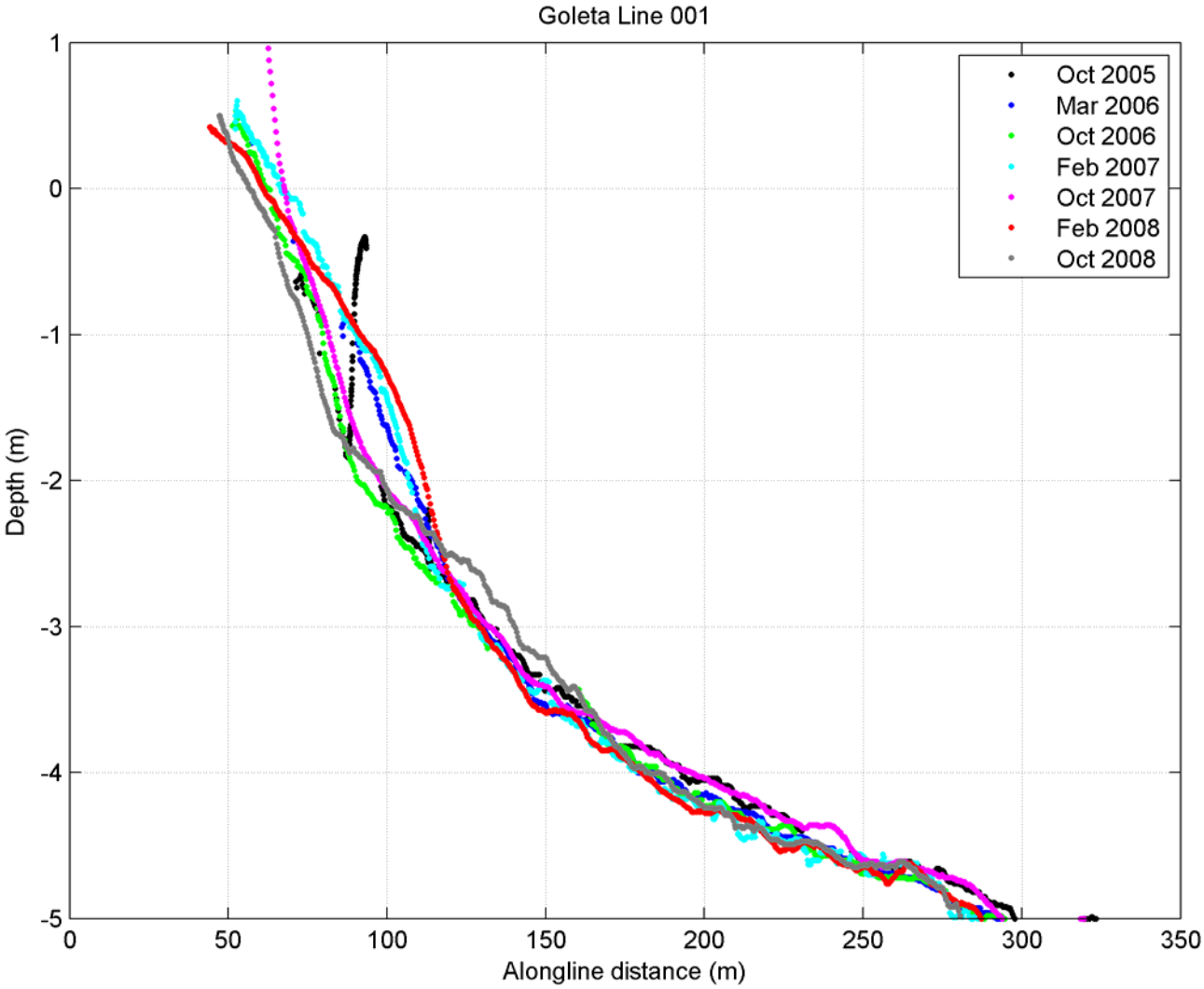
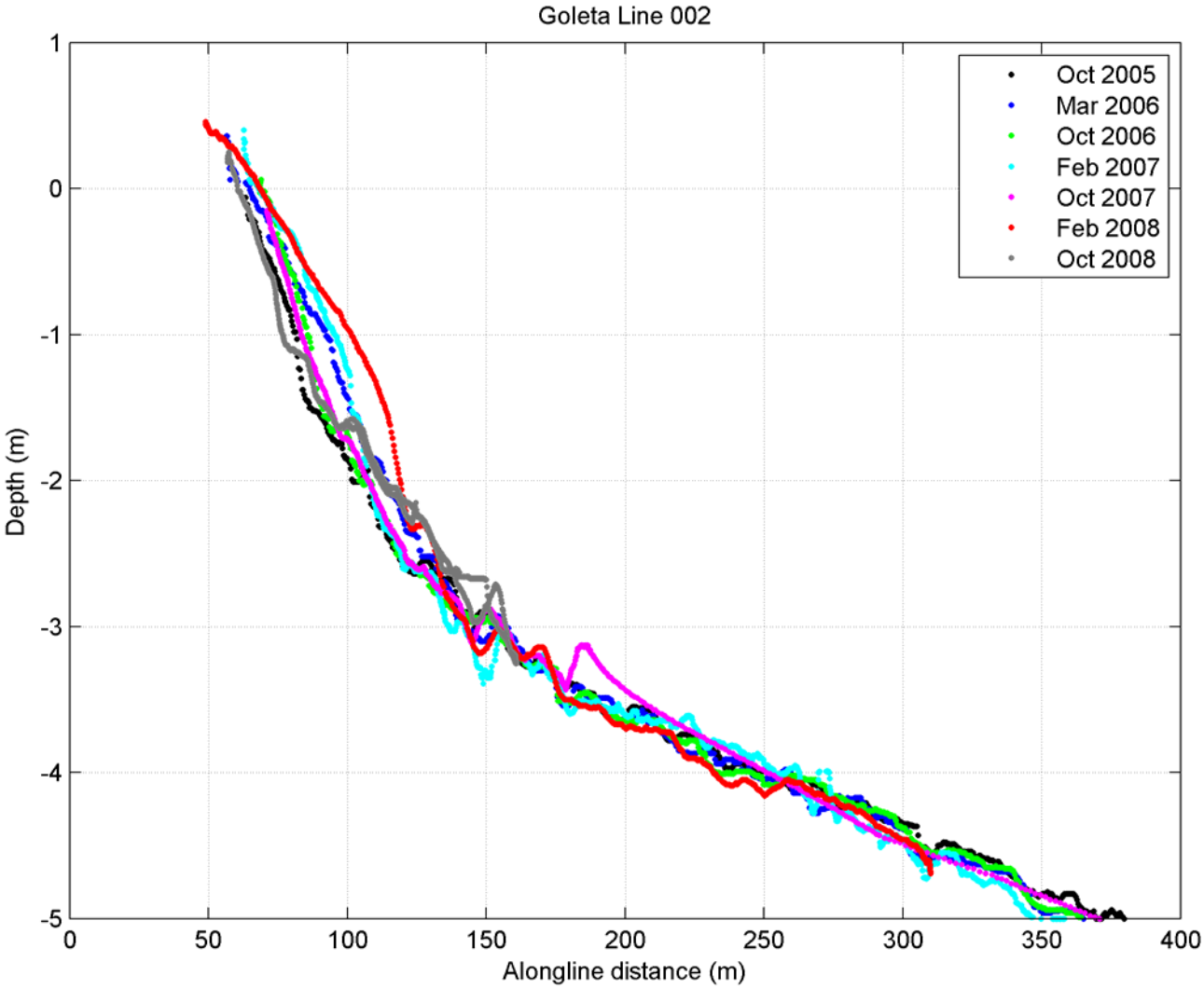
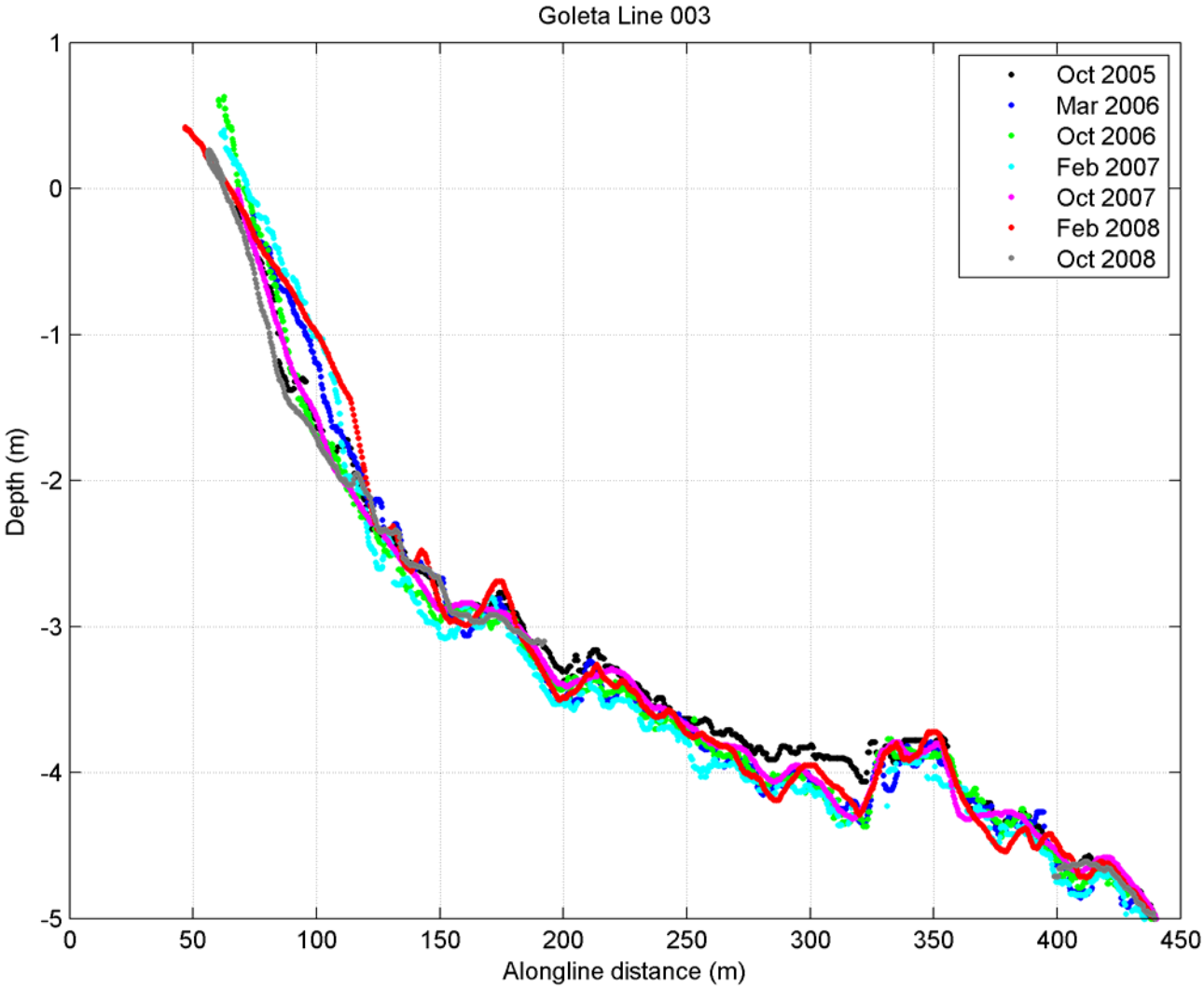
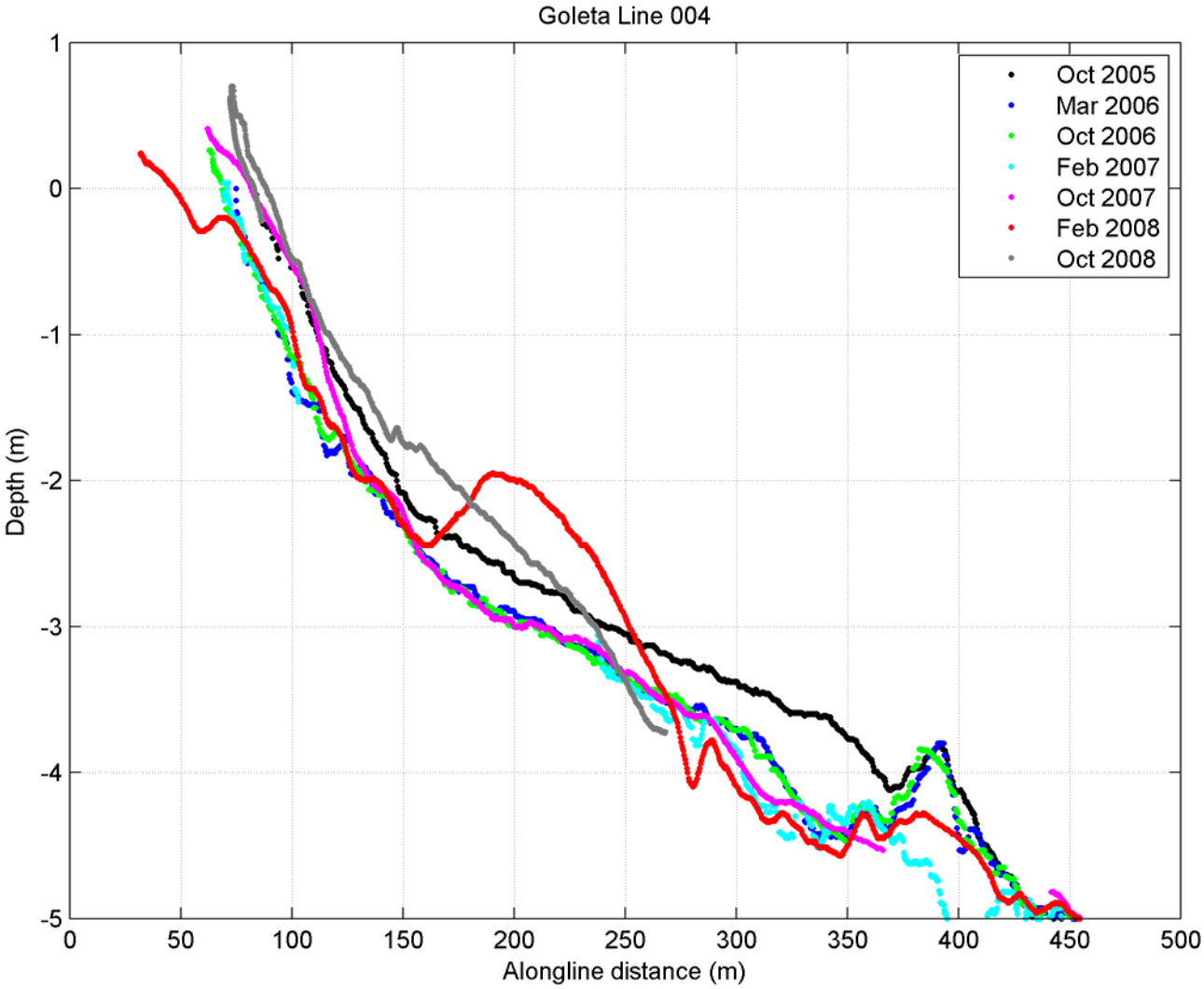


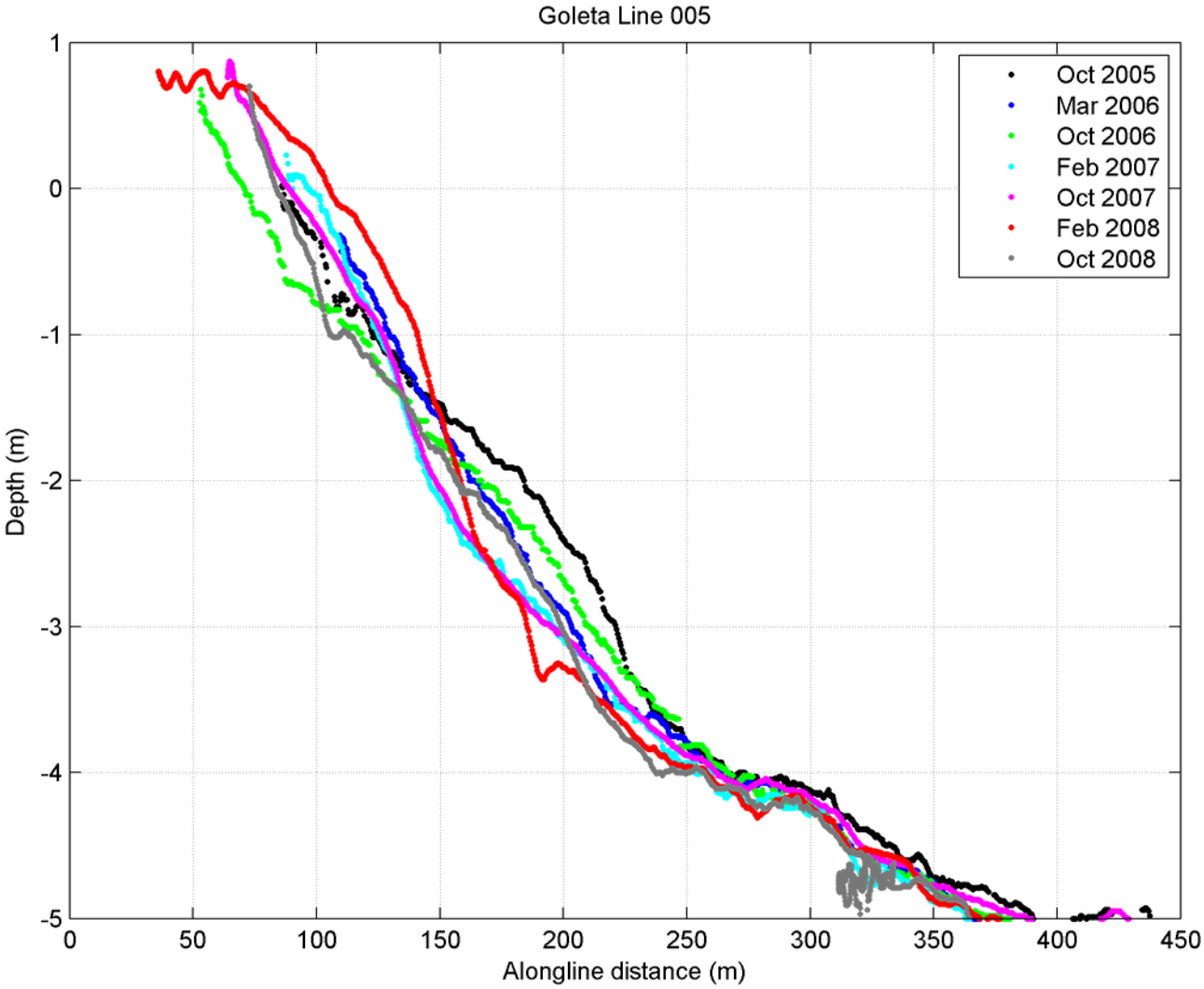
Figure C4. Ellwood/Isla Vista/Goleta Coastal Profiling System focus (depths shallower than 5 m) plots, survey lines 0-73

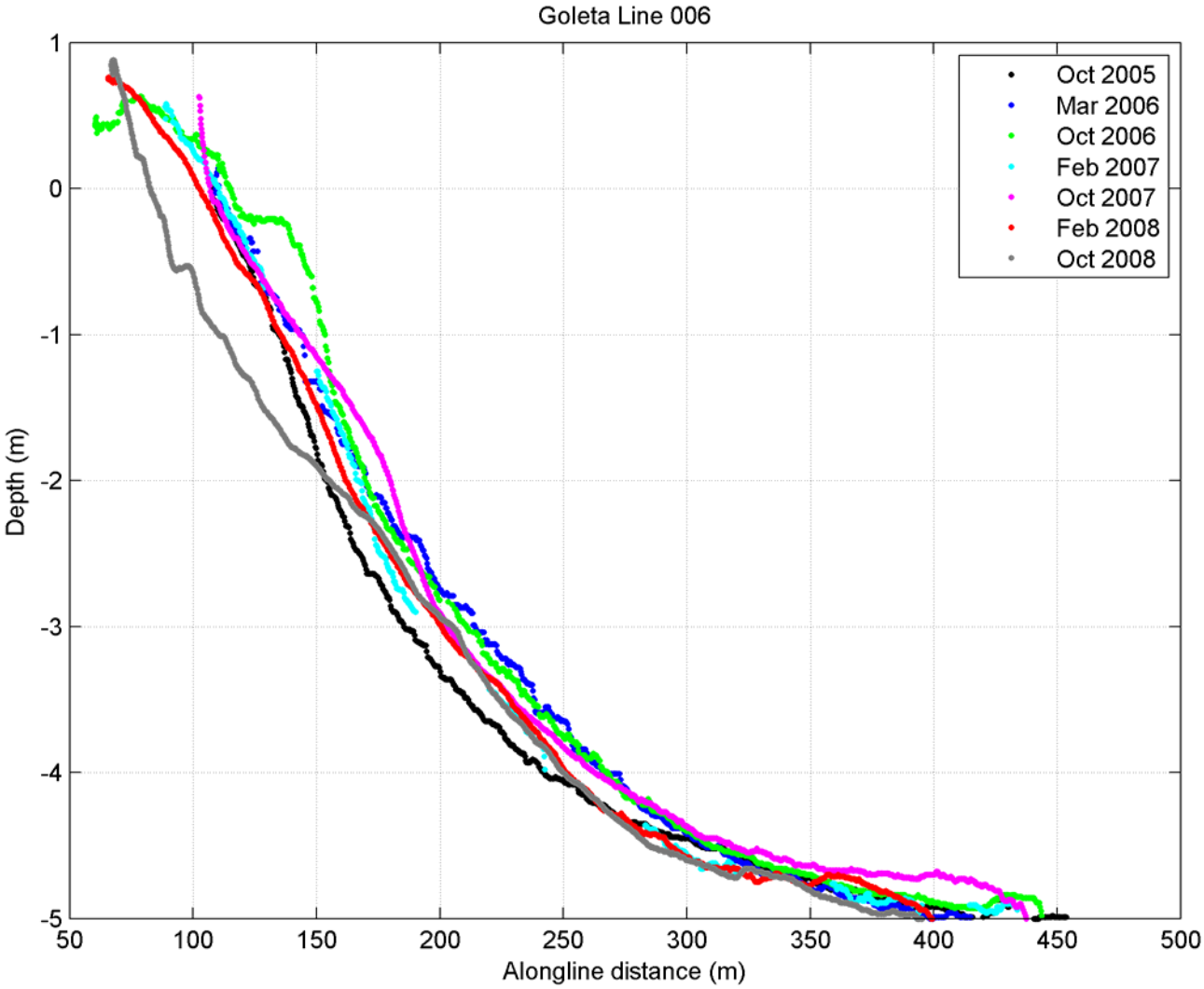

Goleta Line 001
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
1
0
-1
-2
-3
-4
-5
0
50
100
150
200
250
300
350

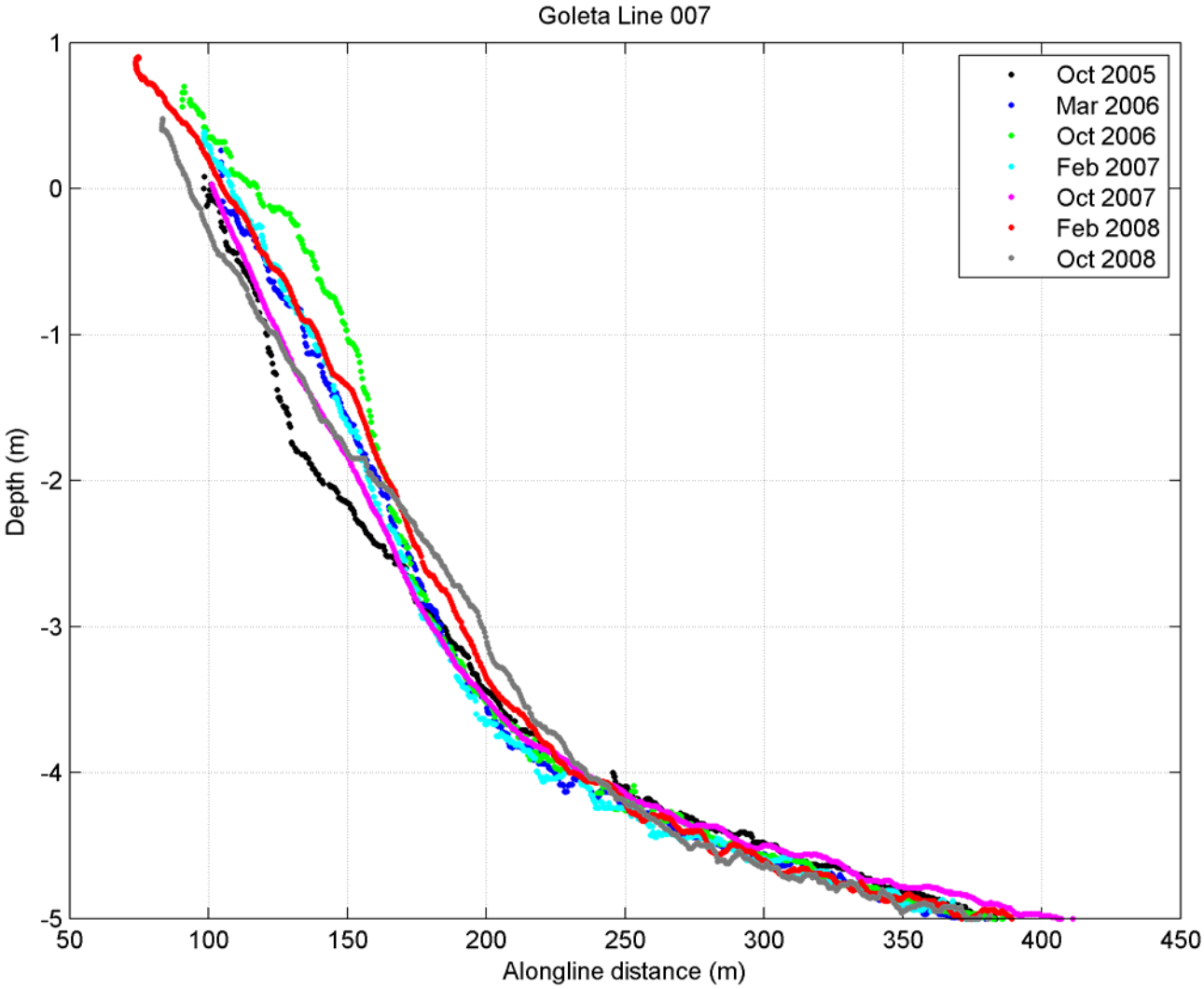

Goleta Line 002
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
1
0
-1
-2
-3
-4
-5
0
50
100
150
200
250
300
350
400

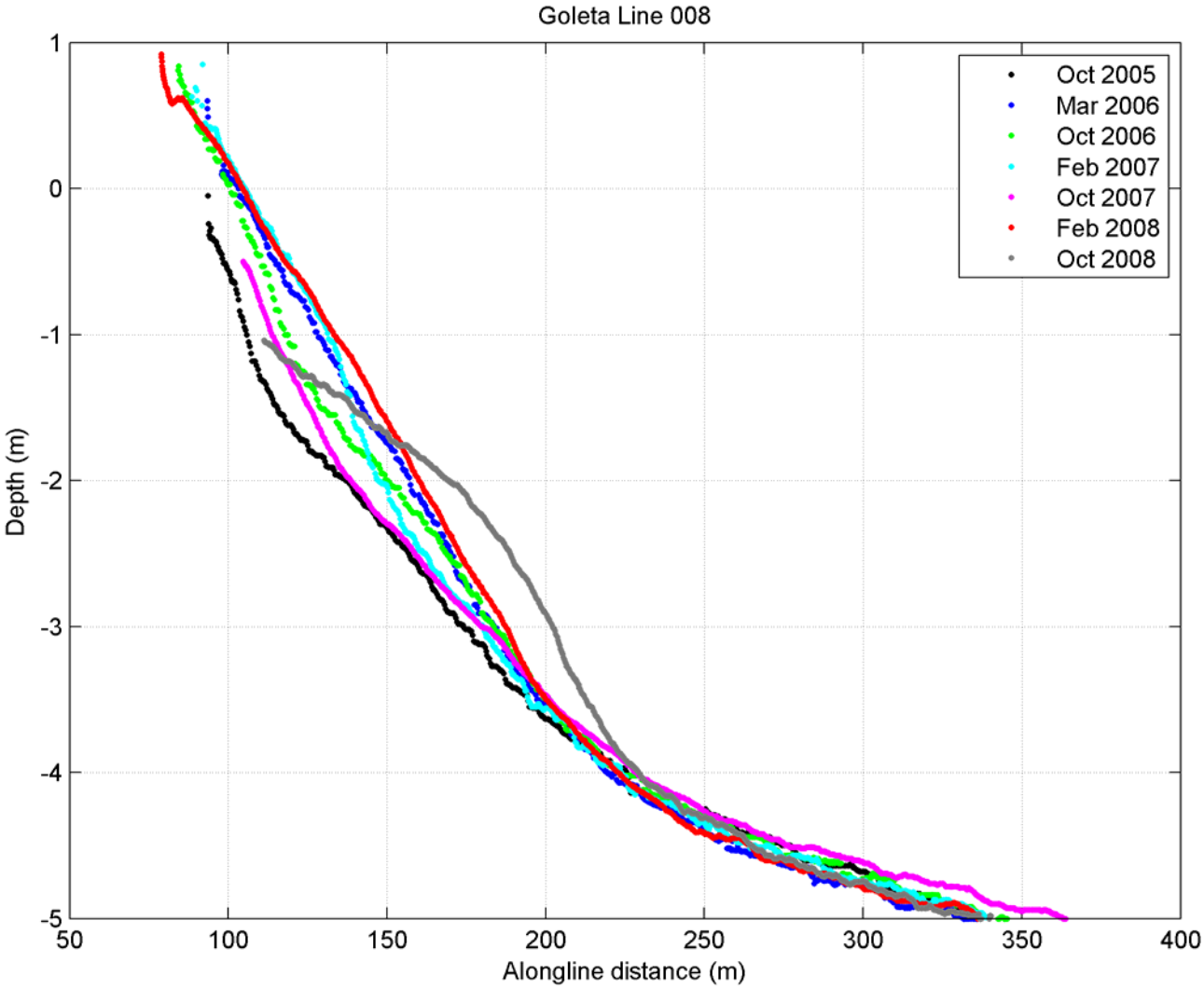

Goleta Line 003
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
1
0
-1
-2
-3
-4
-5
0
50
100
150
200
250
300
350
400
450

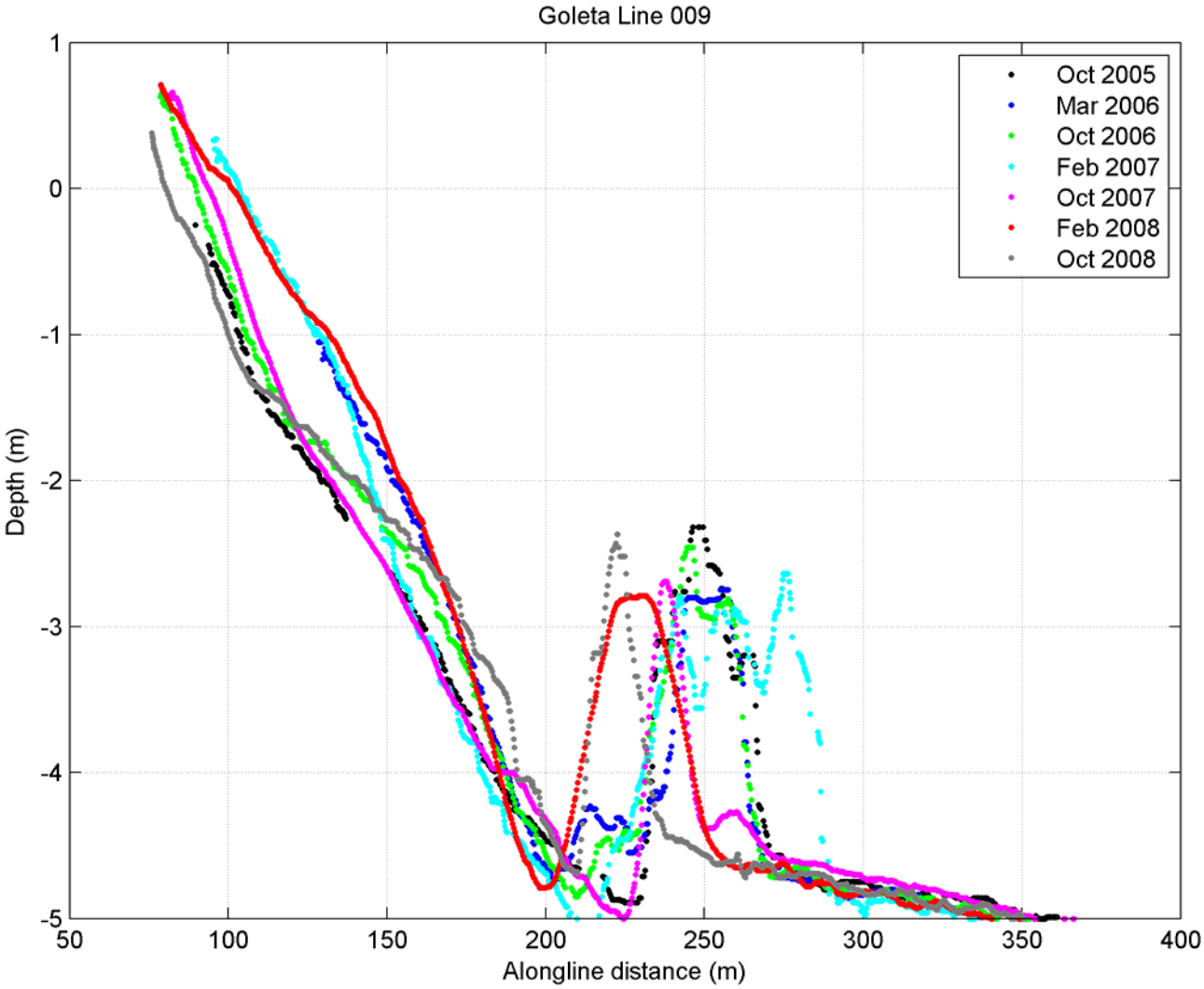

Goleta Line 004
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
1
0
-1
-2
-3
-4
-5
0
50
100
150
200
250
300
350
400
450
500

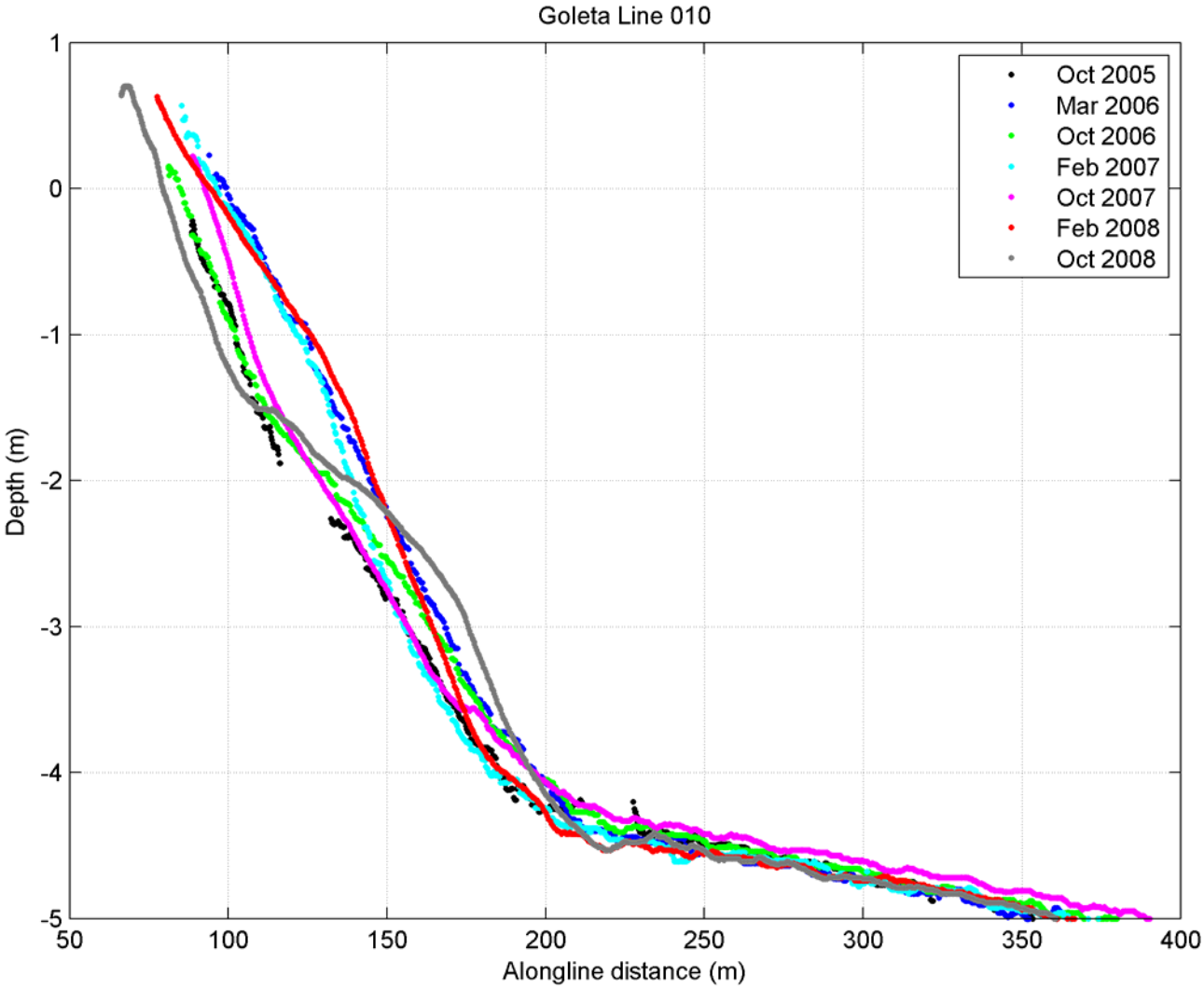

Goleta Line 005
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
1
0
-1
-2
-3
-4
-5
0
50
100
150
200
250
300
350
400
450

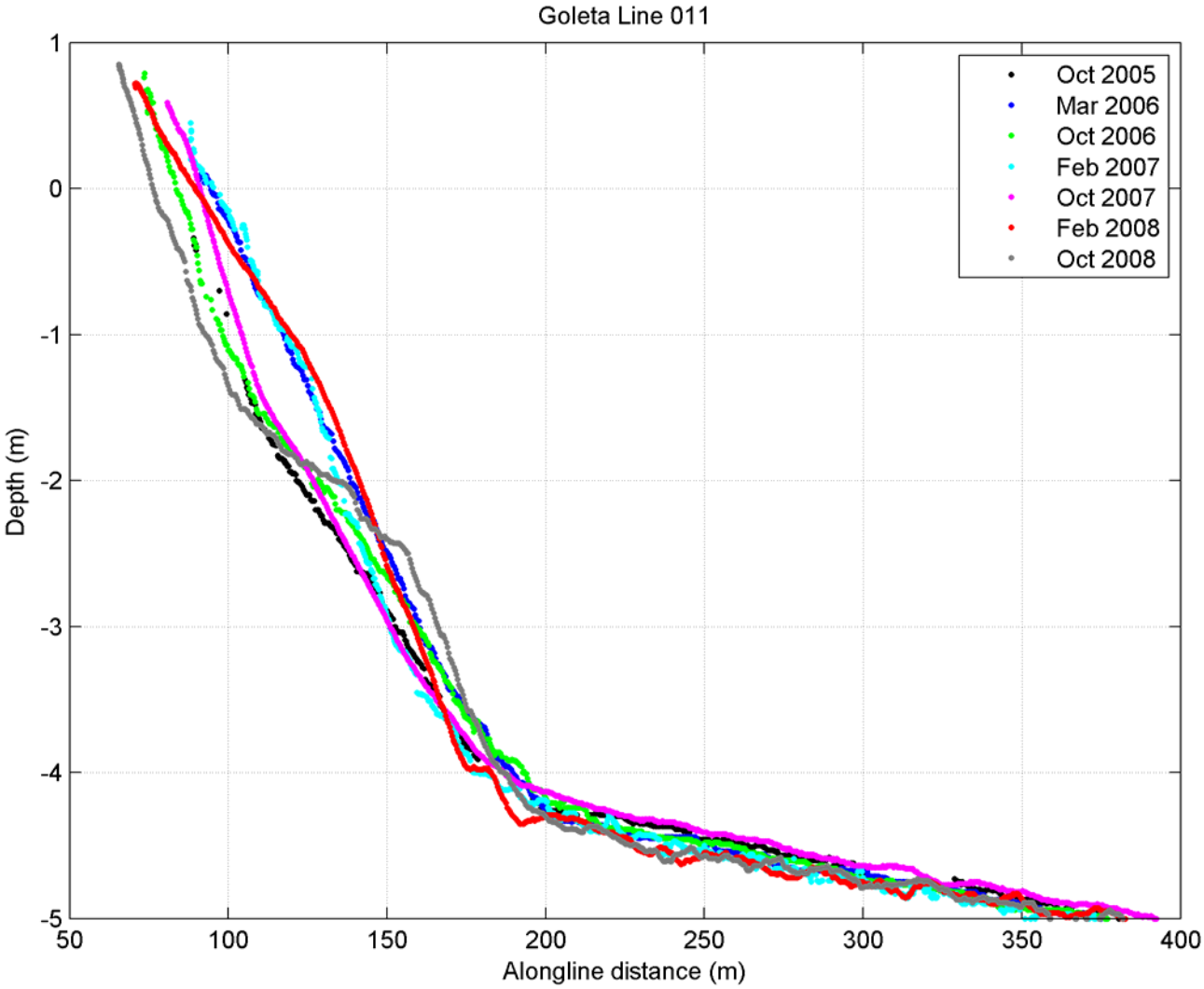

Goleta Line 006
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
1
0
-1
-2
-3
-4
-5
50
100
150
200
250
300
350
400
450
500

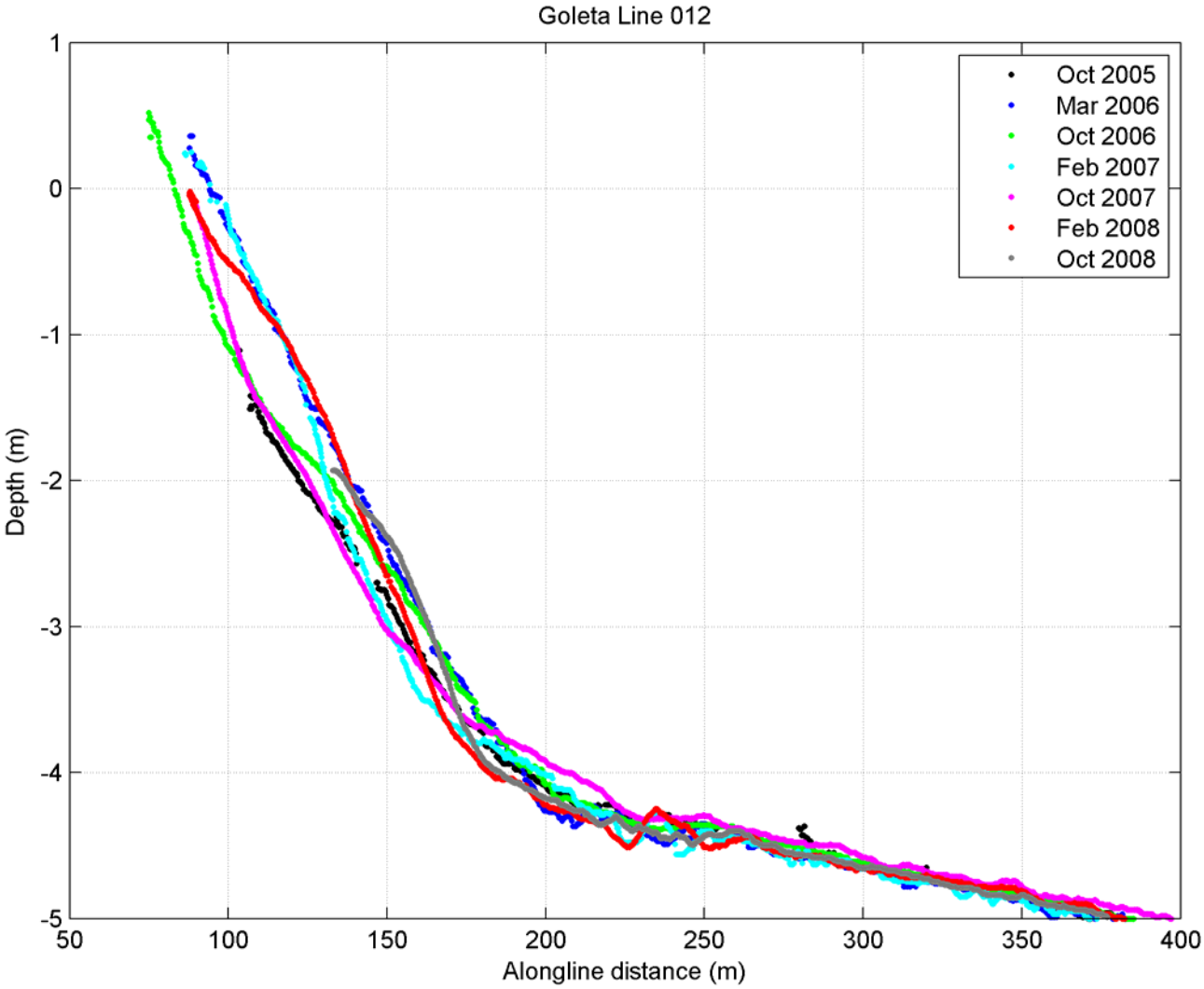

Goleta Line 007
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
1
0
-1
-2
-3
-4
-5
50
100
150
200
250
300
350
400
450

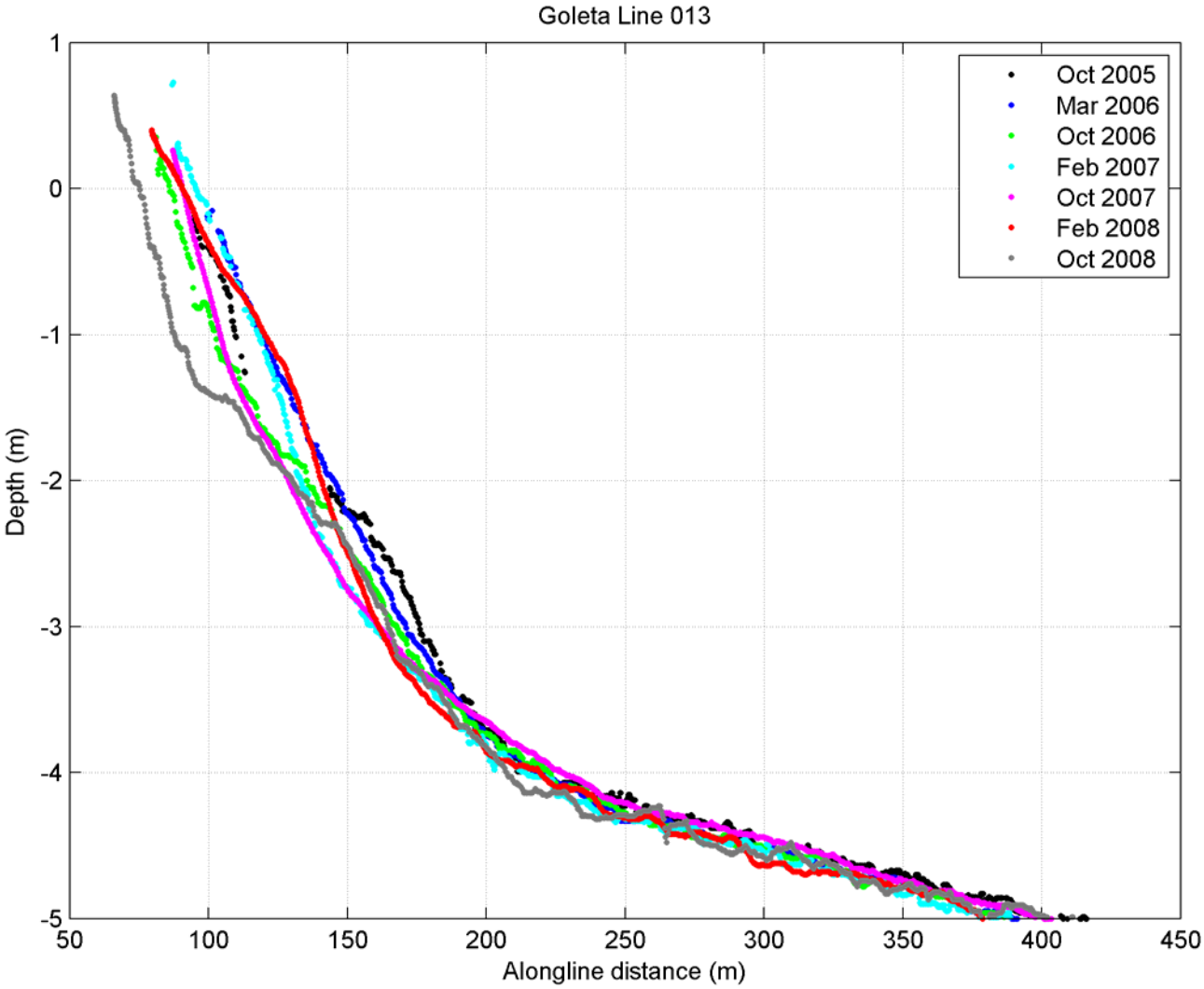

Goleta Line 008
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
1
0
-1
-2
-3
-4
-5
50
100
150
200
250
300
350
400

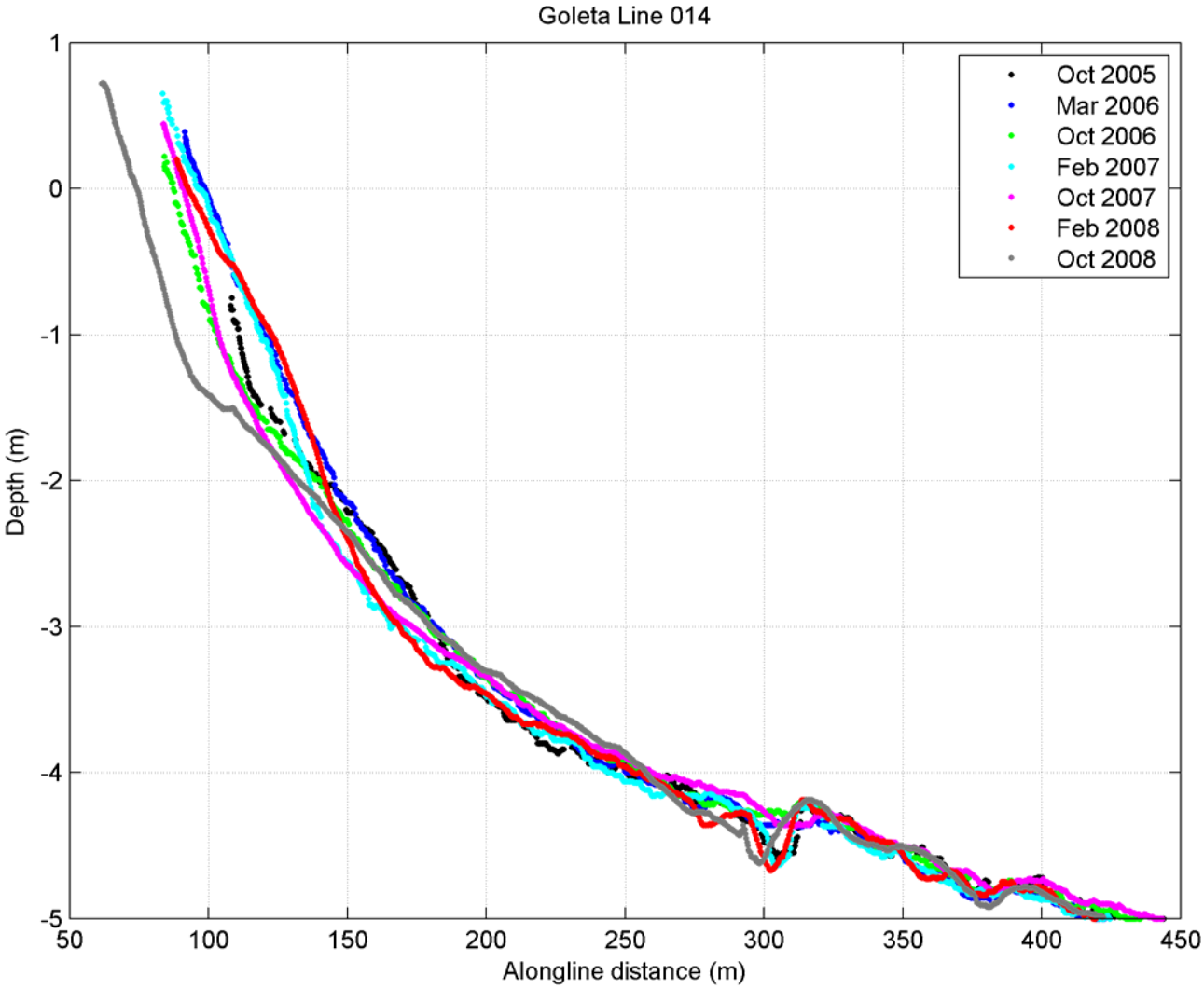

Goleta Line 009
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
1
0
-1
-2
-3
-4
-5
50
100
150
200
250
300
350
400

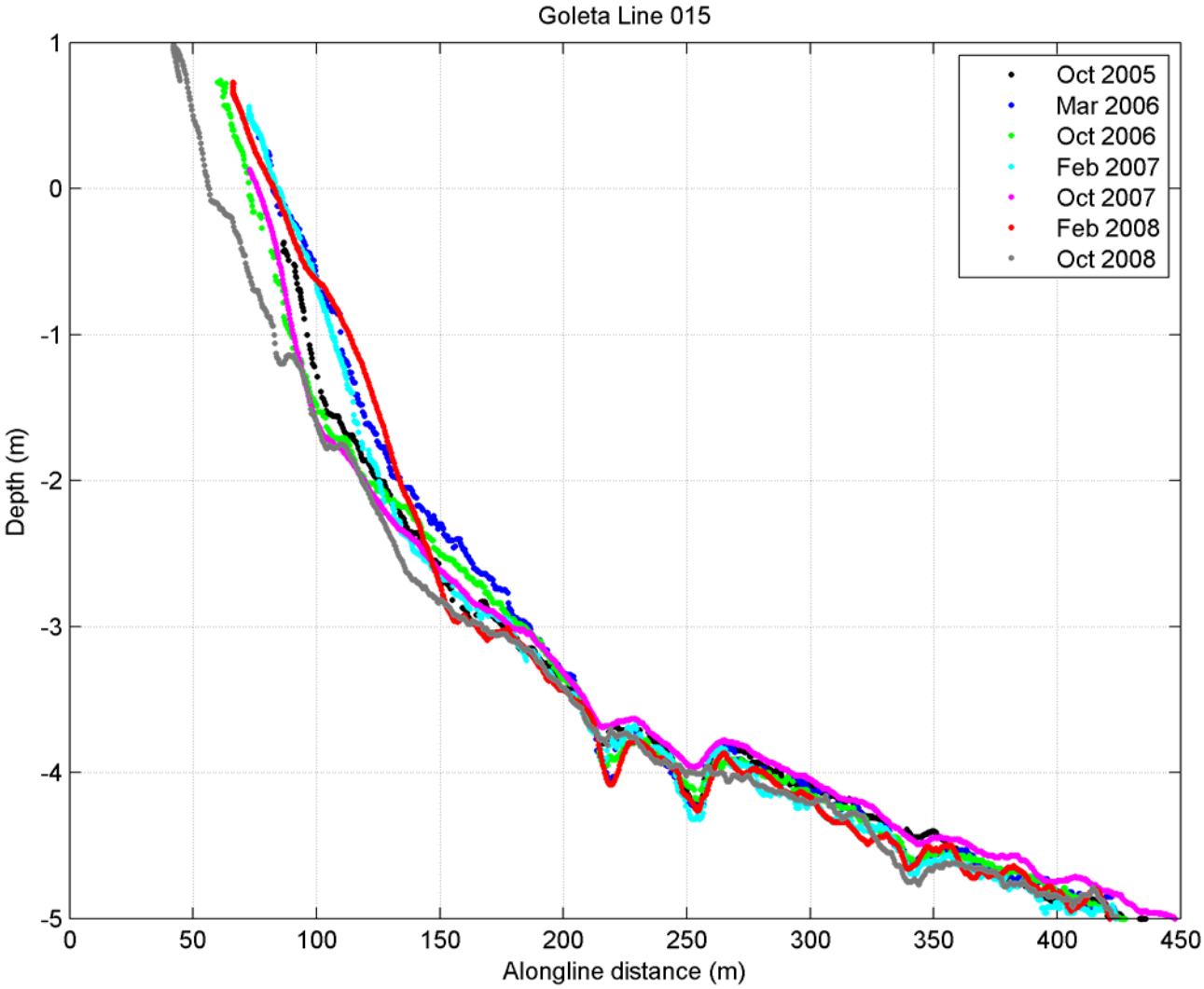

Goleta Line 010
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
1
0
-1
-2
-3
-4
-5
50
100
150
200
250
300
350
400

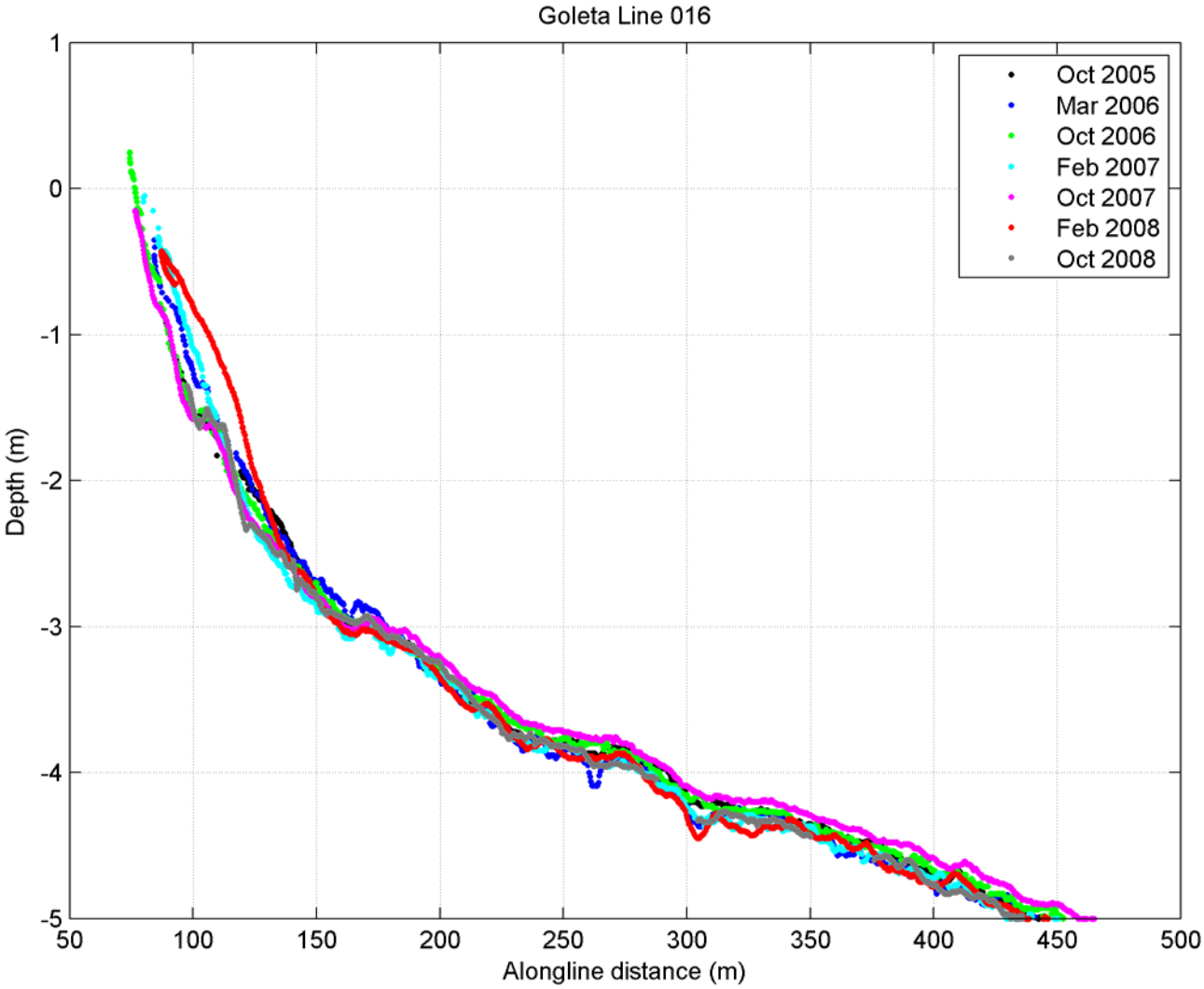

Goleta Line 011
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
1
0
-1
-2
-3
-4
-5
50
100
150
200
250
300
350
400

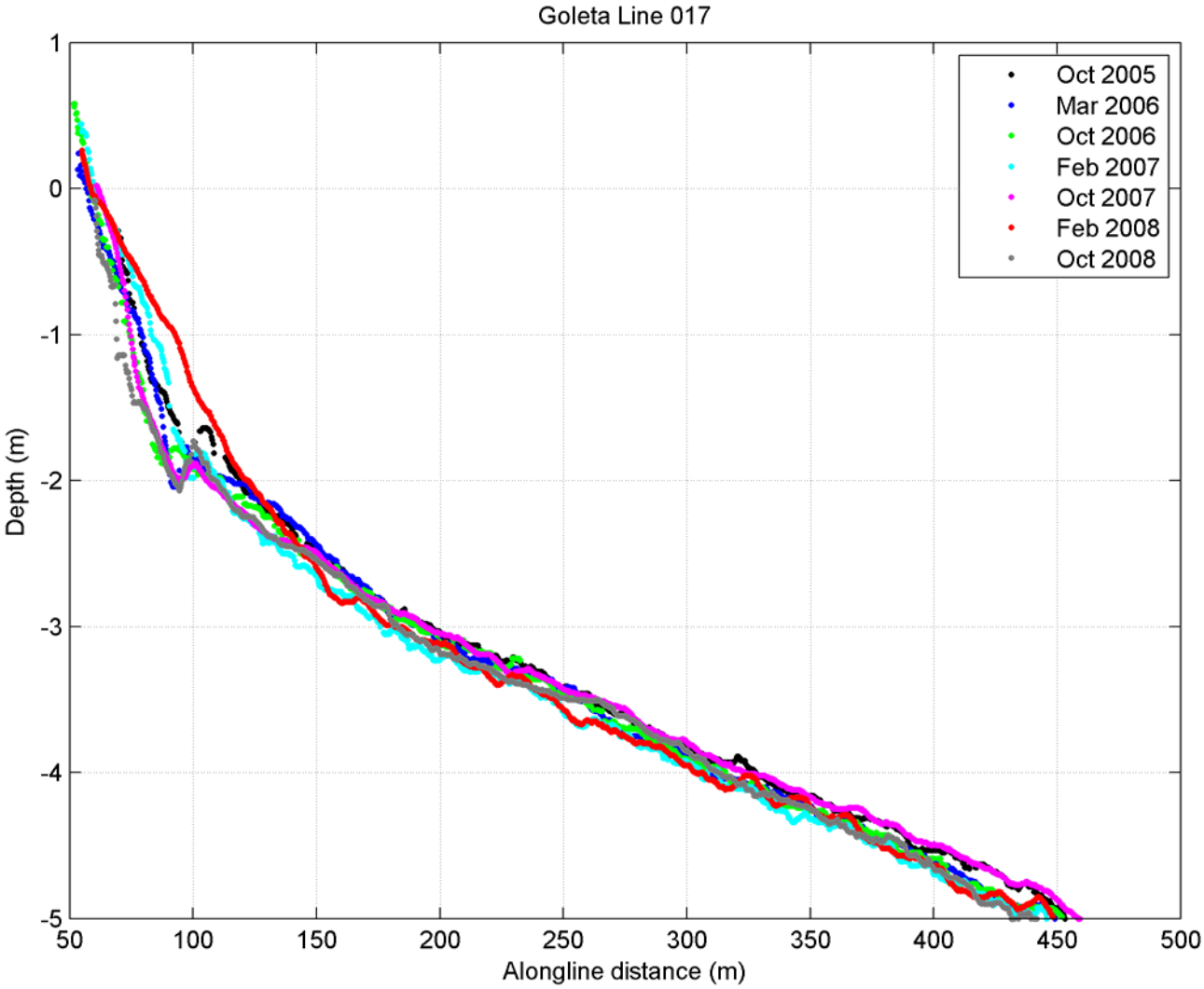

Goleta Line 012
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
1
0
-1
-2
-3
-4
-5
50
100
150
200
250
300
350
400

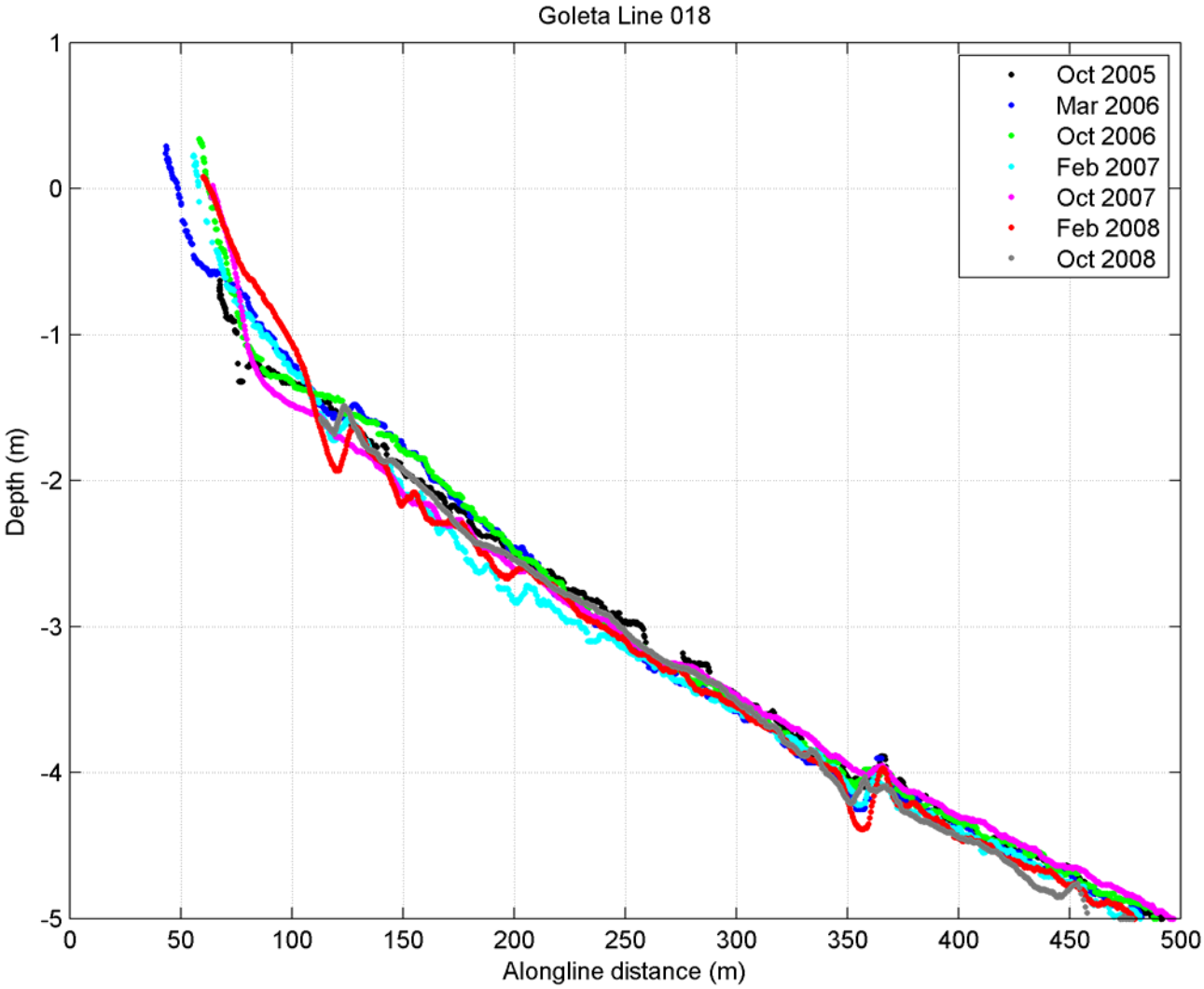

Goleta Line 013
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
1
0
-1
-2
-3
-4
-5
50
100
150
200
250
300
350
400
450

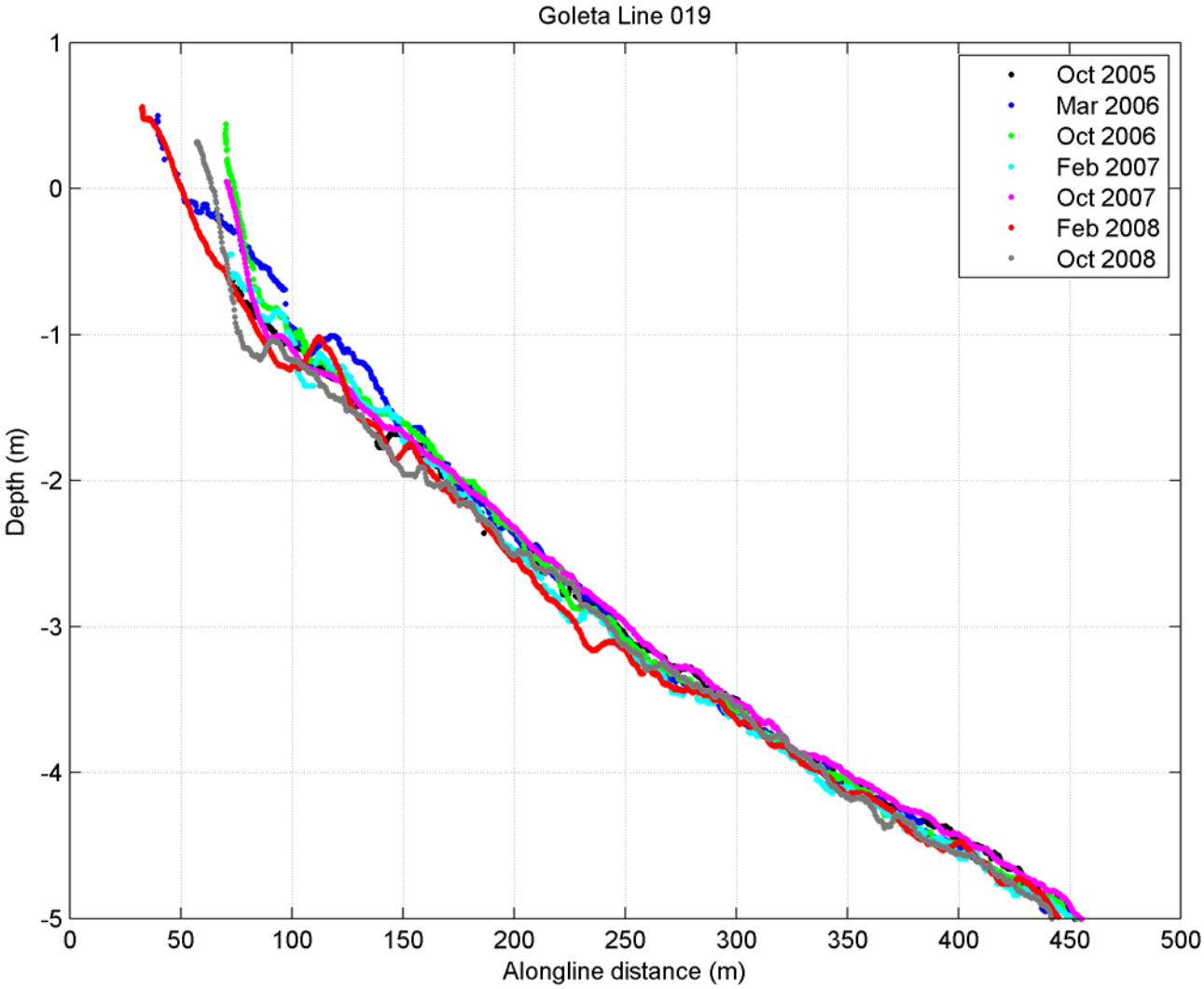

Goleta Line 014
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
1
0
-1
-2
-3
-4
-5
50
100
150
200
250
300
350
400
450

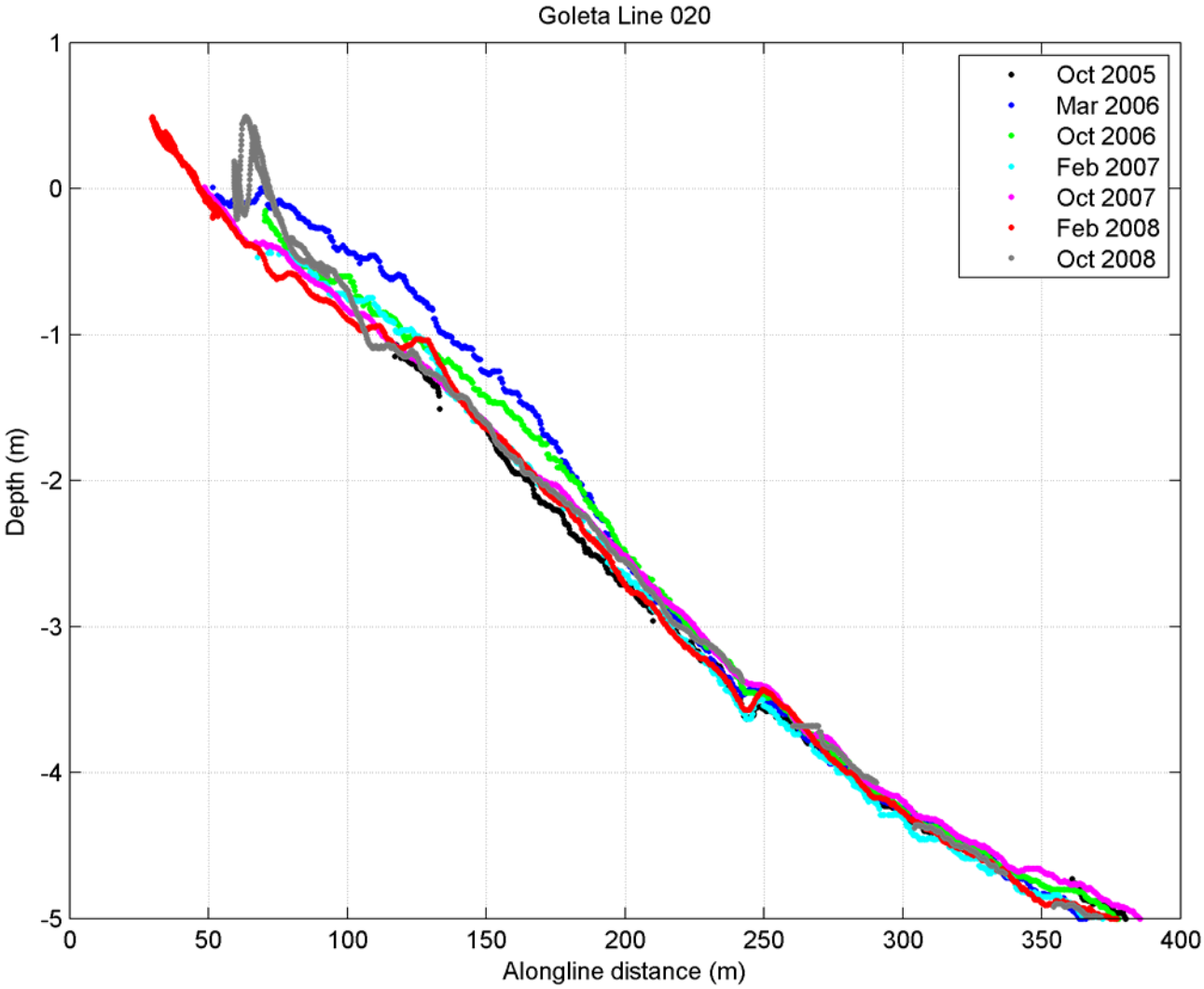

Goleta Line 015
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
1
0
-1
-2
-3
-4
-5
0
50
100
150
200
250
300
350
400
450

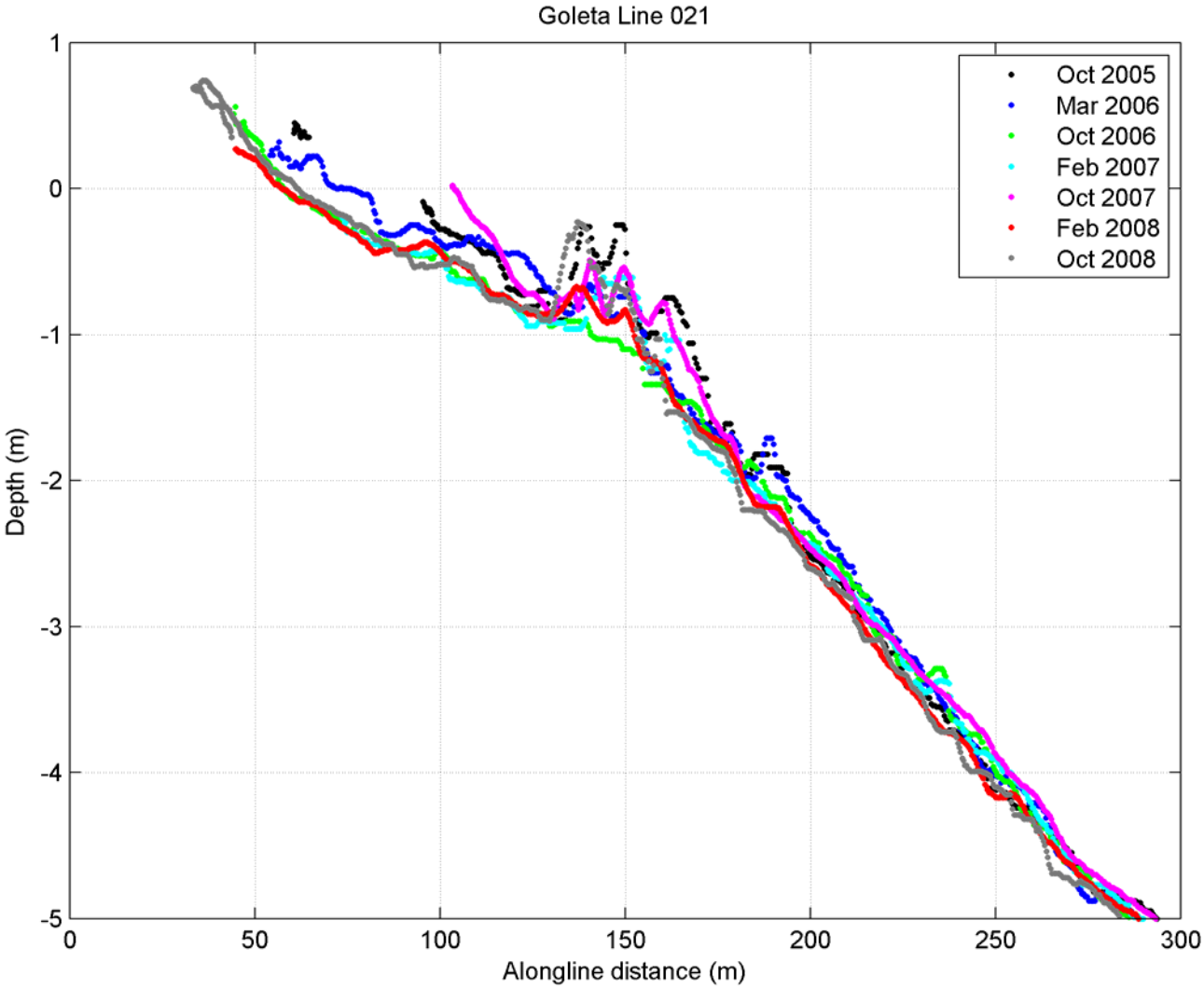

Goleta Line 016
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
1
0
-1
-2
-3
-4
-5
50
100
150
200
250
300
350
400
450
500

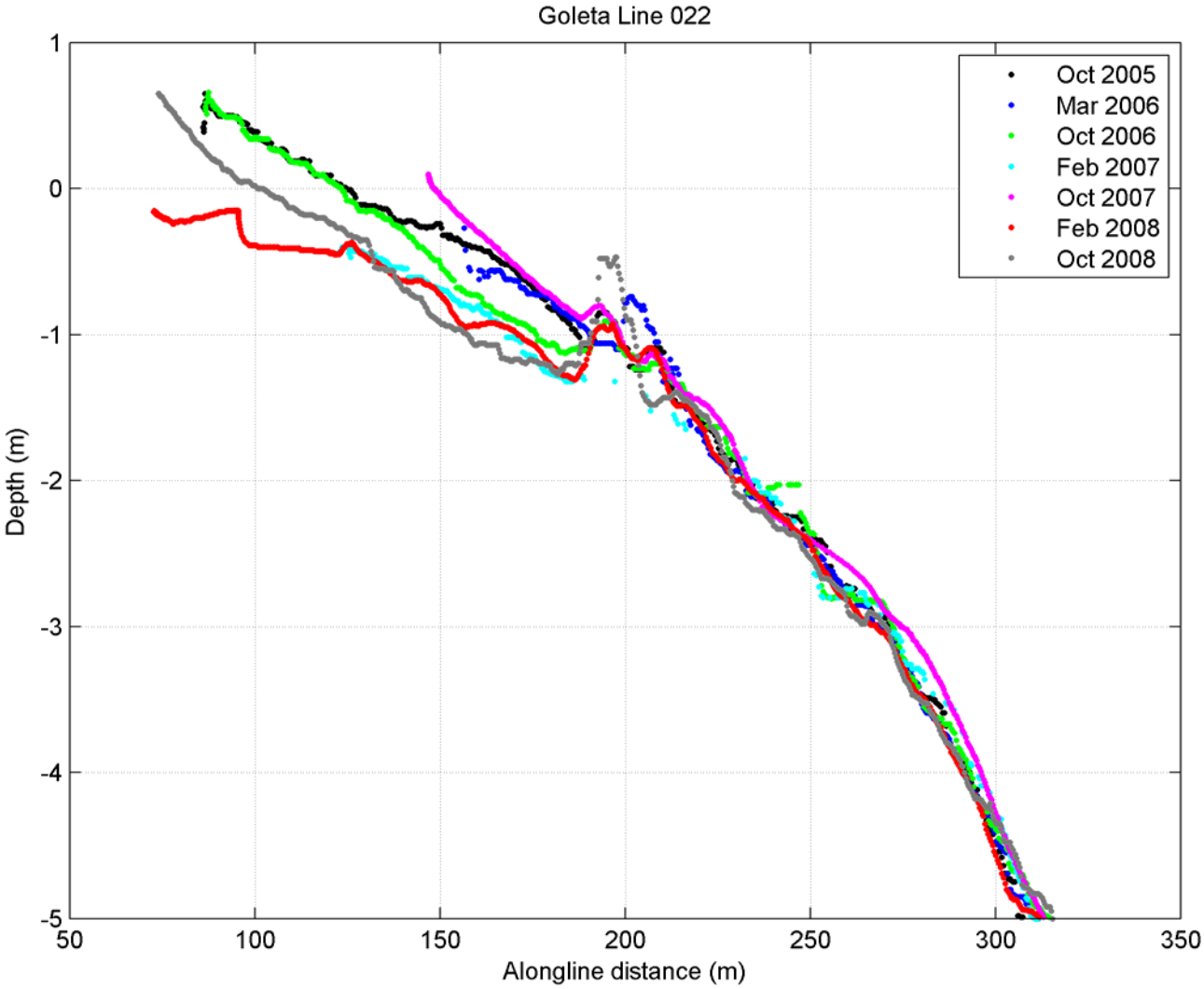

Goleta Line 017
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
1
0
-1
-2
-3
-4
-5
50
100
150
200
250
300
350
400
450
500

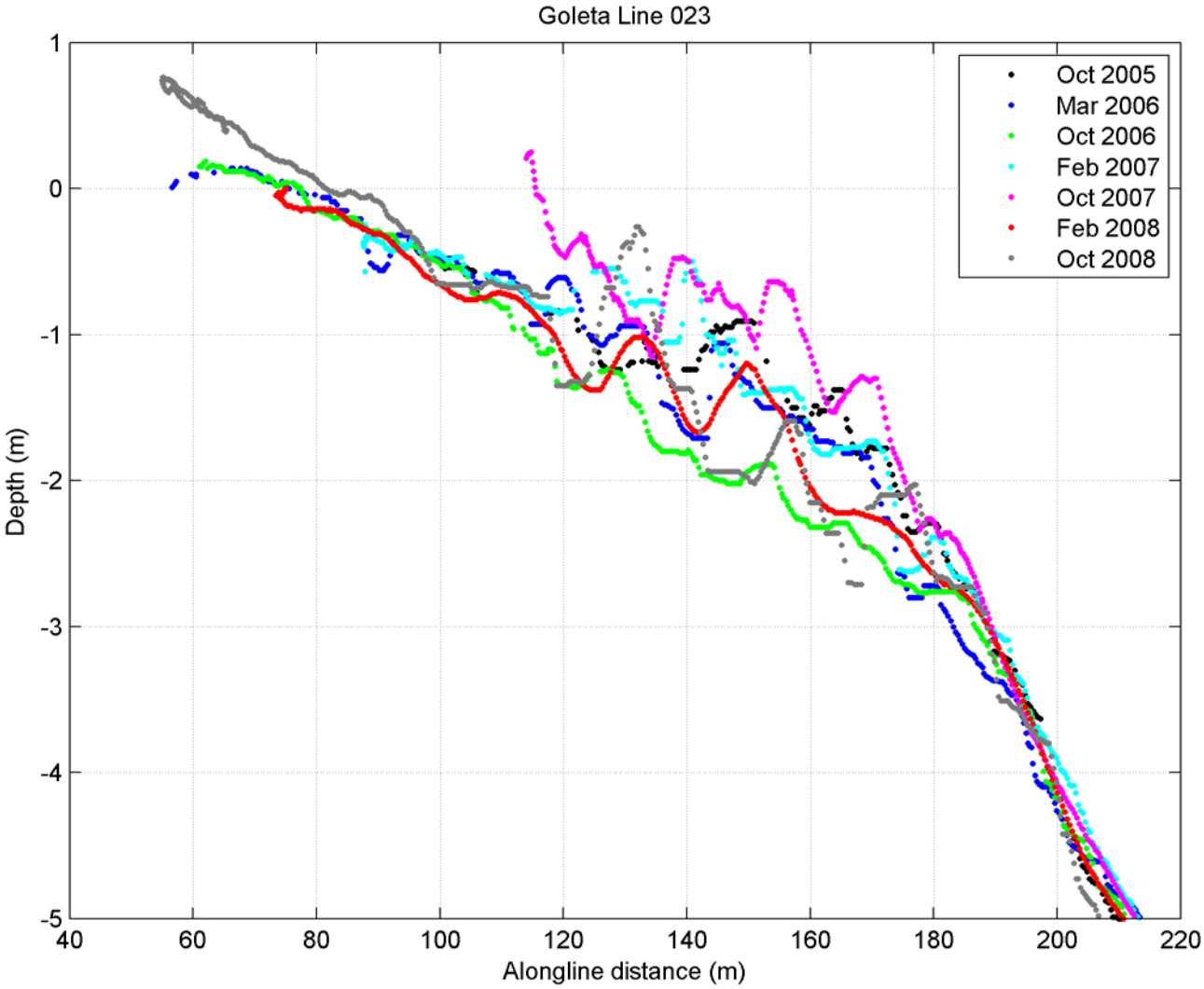

Goleta Line 018
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
1
0
-1
-2
-3
-4
-5
0
50
100
150
200
250
300
350
400
450
500

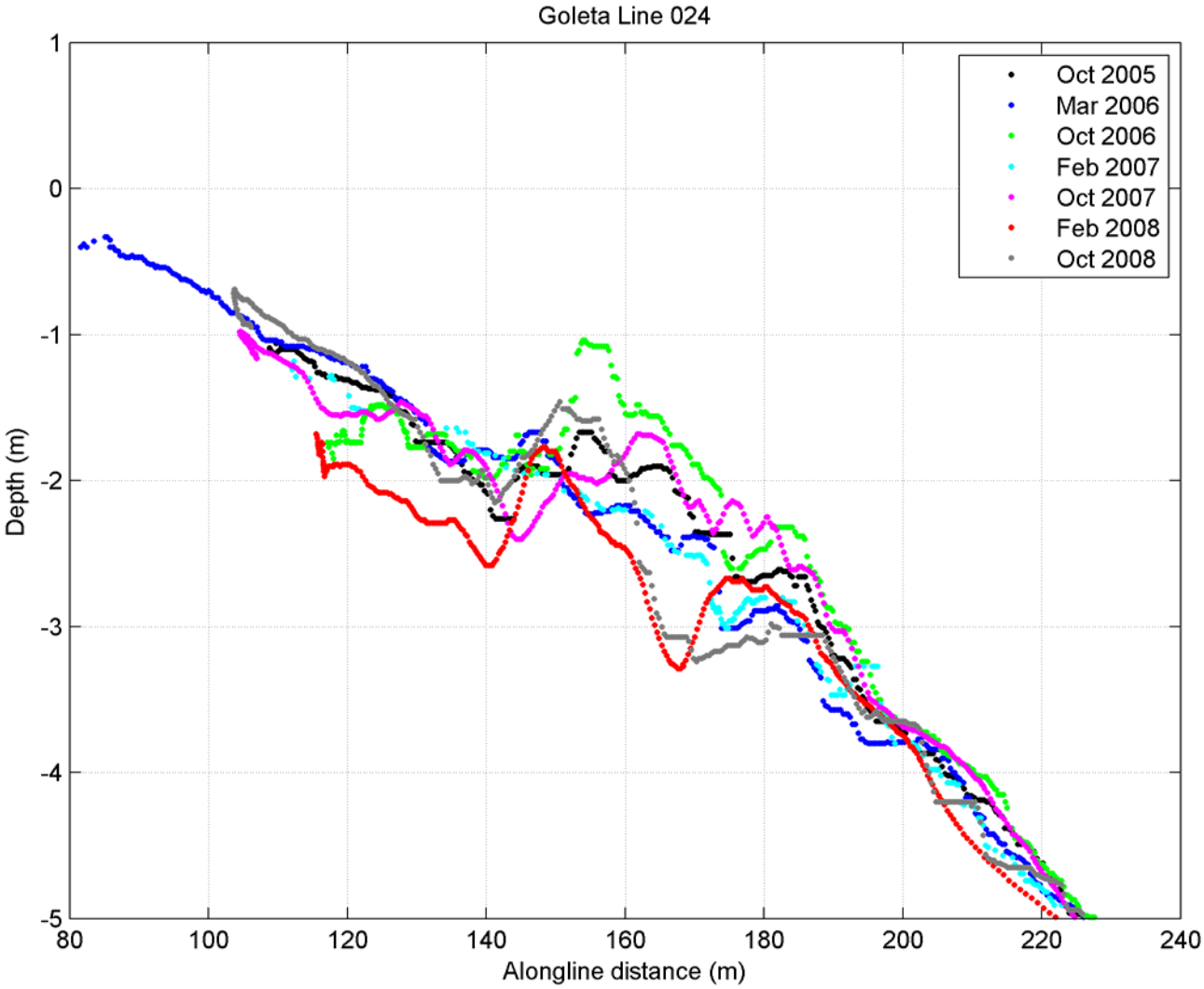

Goleta Line 019
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
1
0
-1
-2
-3
-4
-5
0
50
100
150
200
250
300
350
400
450
500

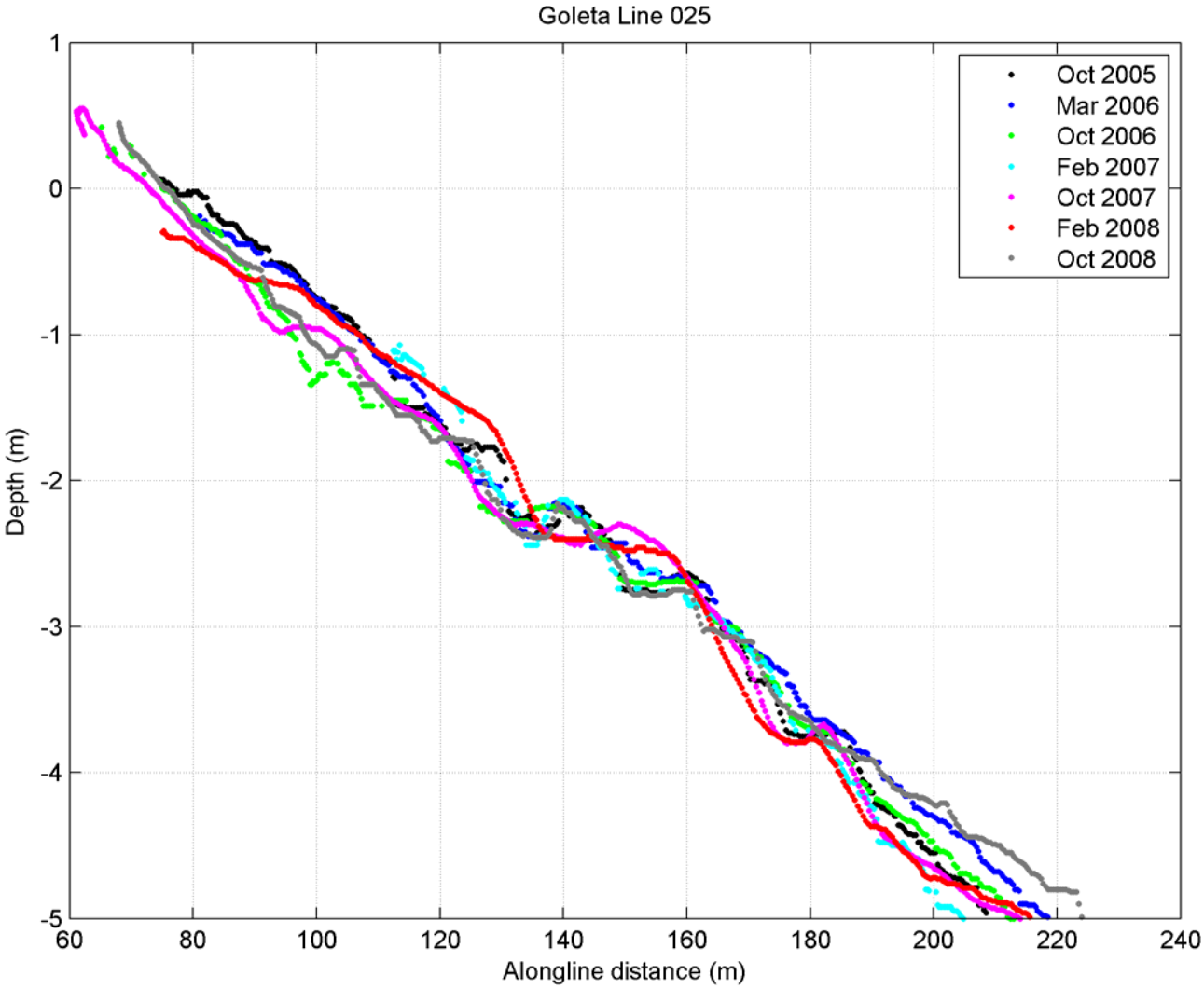

Goleta Line 020
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
1
0
-1
-2
-3
-4
-5
0
50
100
150
200
250
300
350
400

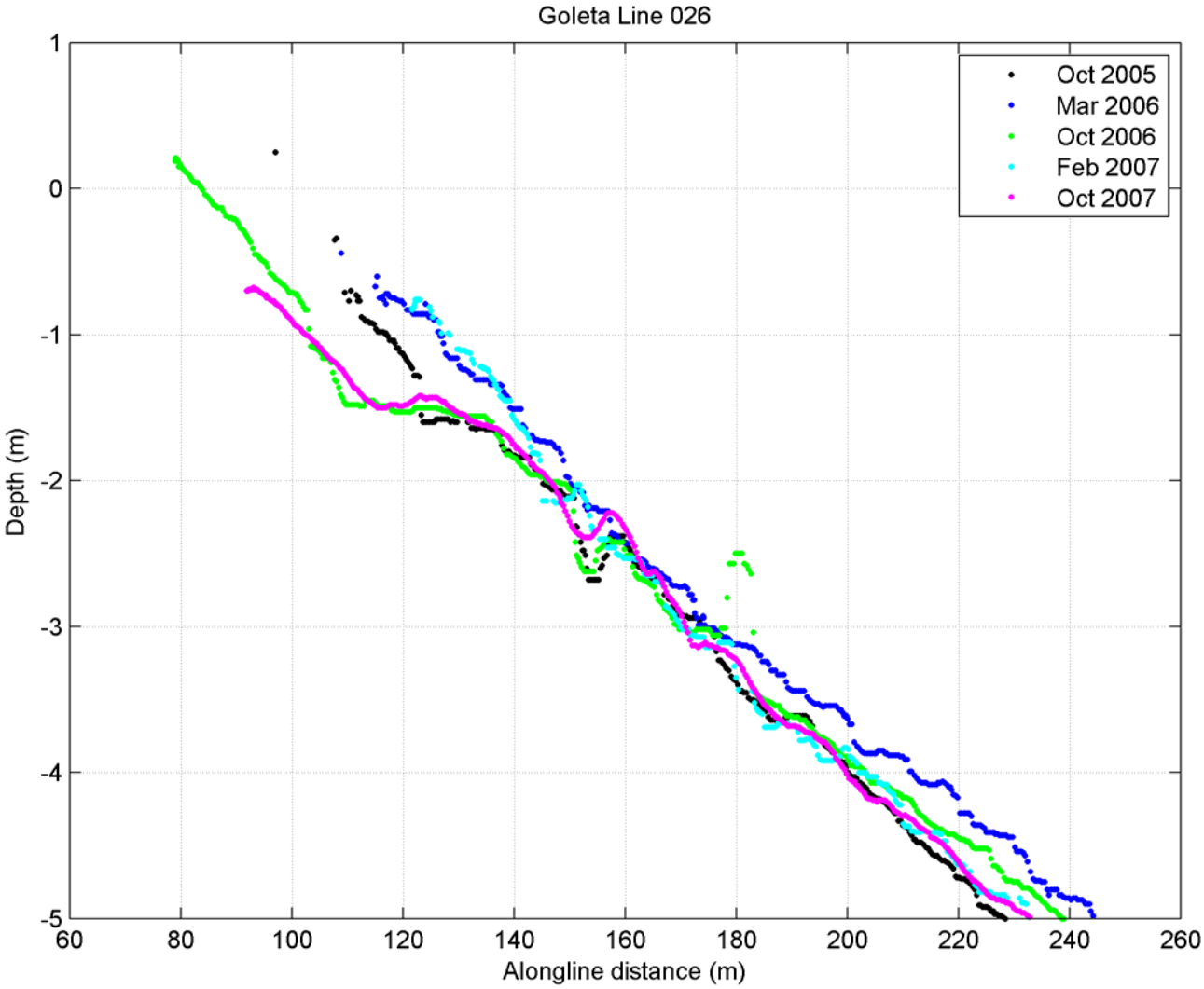

Goleta Line 021
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
1
0
-1
-2
-3
-4
-5
0
50
100
150
200
250
300

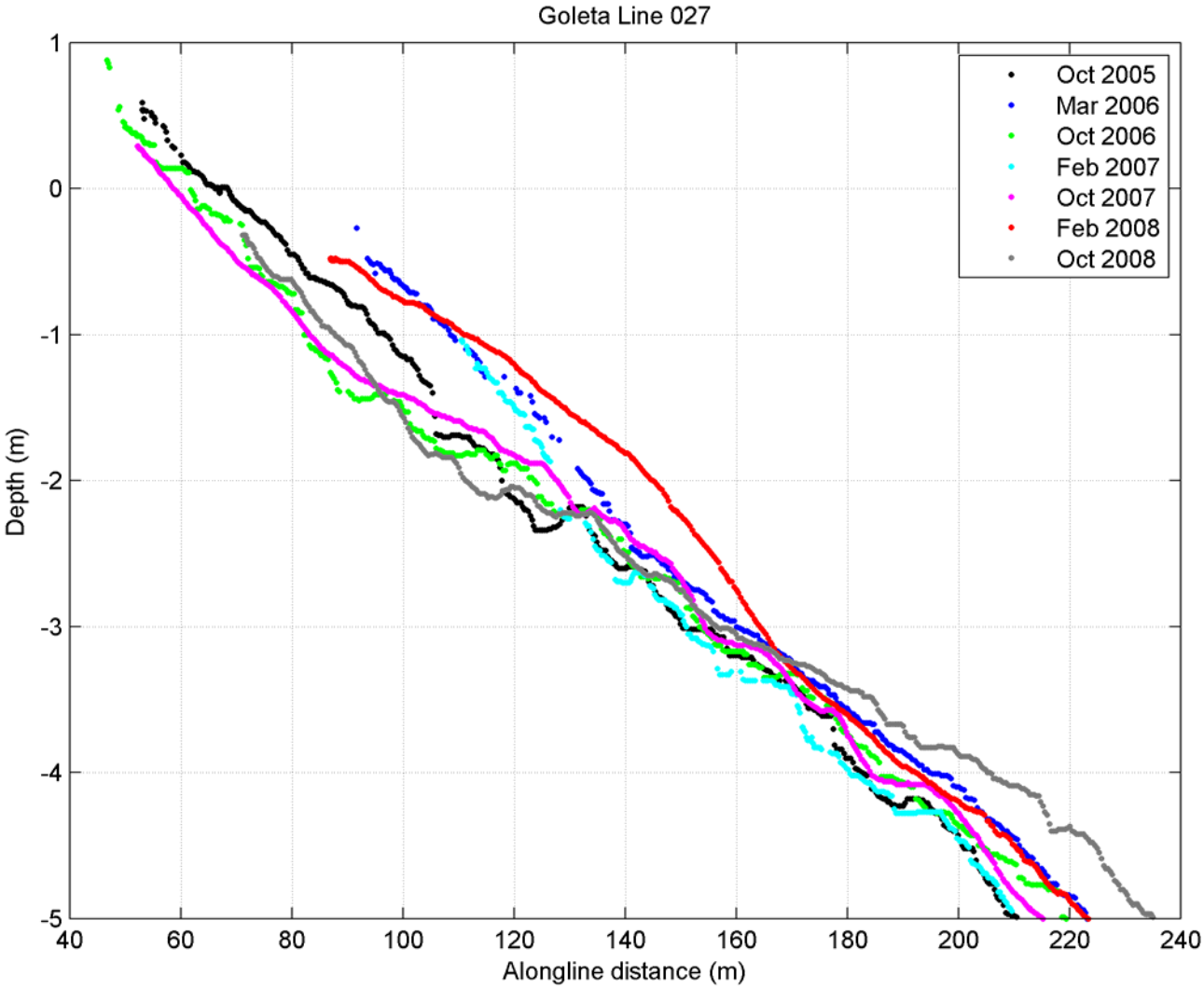

Goleta Line 022
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
1
0
-1
-2
-3
-4
-5
50
100
150
200
250
300
350

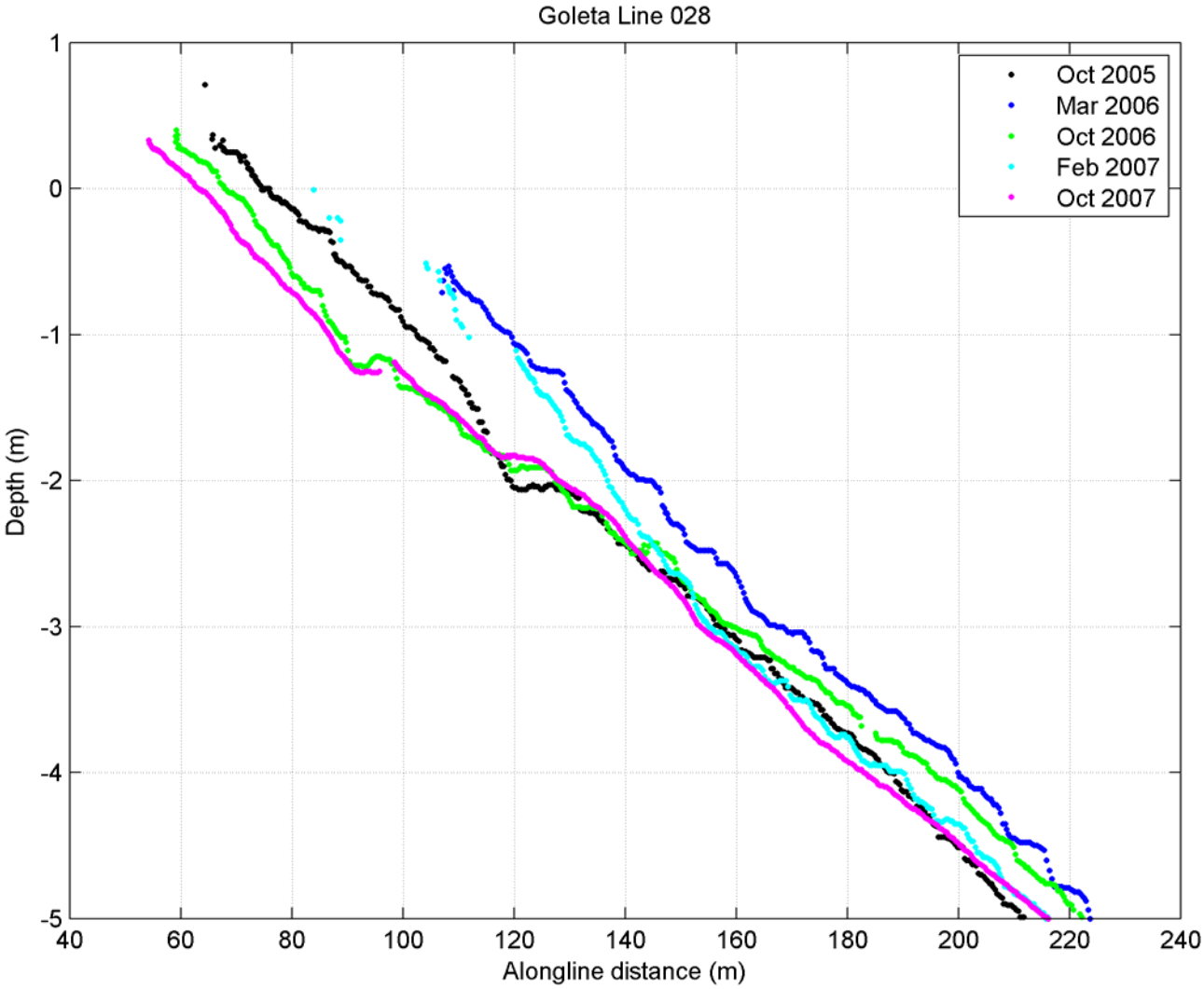

Goleta Line 023
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
1
0
-1
-2
-3
-4
-5
40
60
80
100
120
140
160
180
200
220

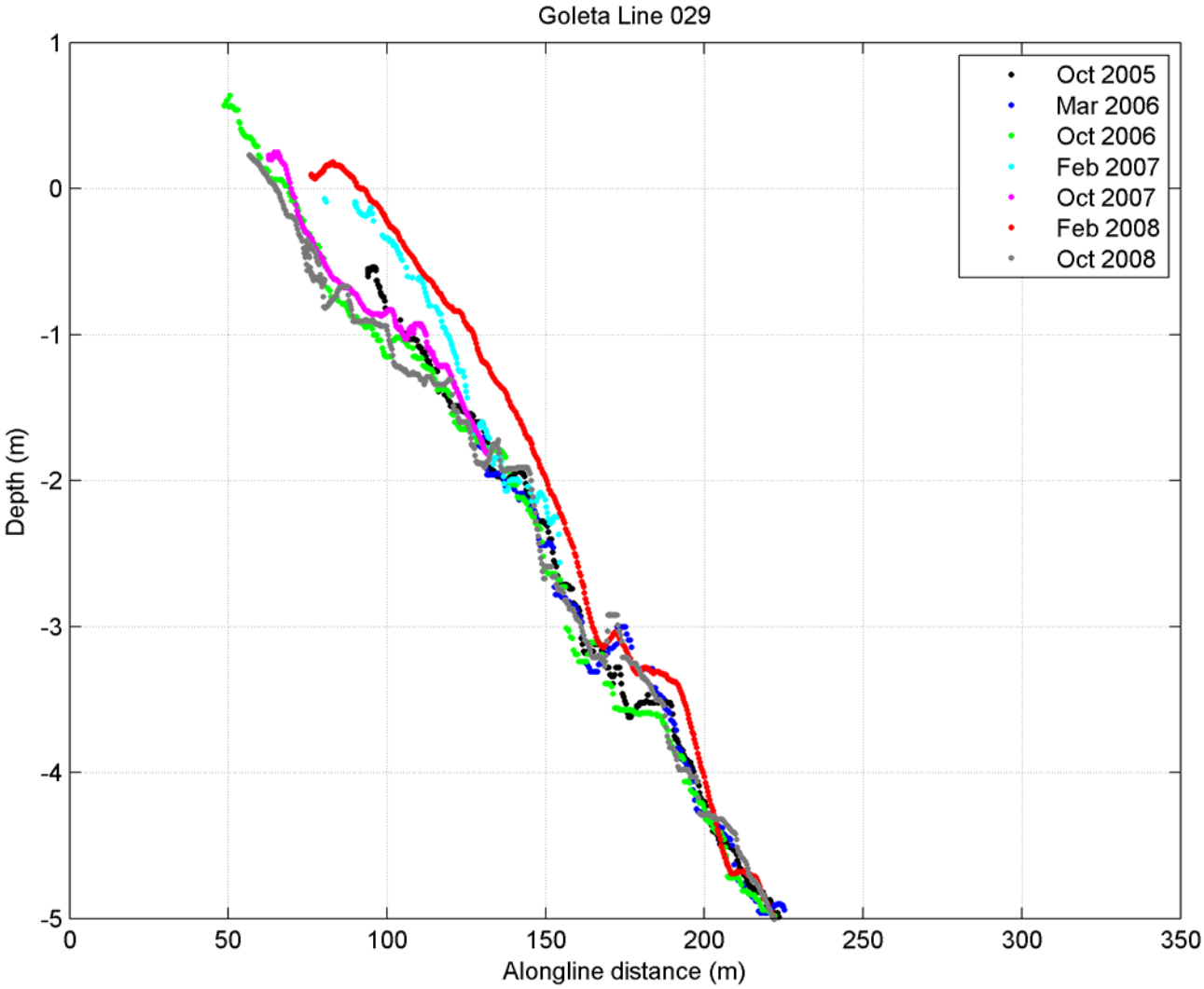

Goleta Line 024
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
1
0
-1
-2
-3
-4
-5
80
100
120
140
160
180
200
220
240

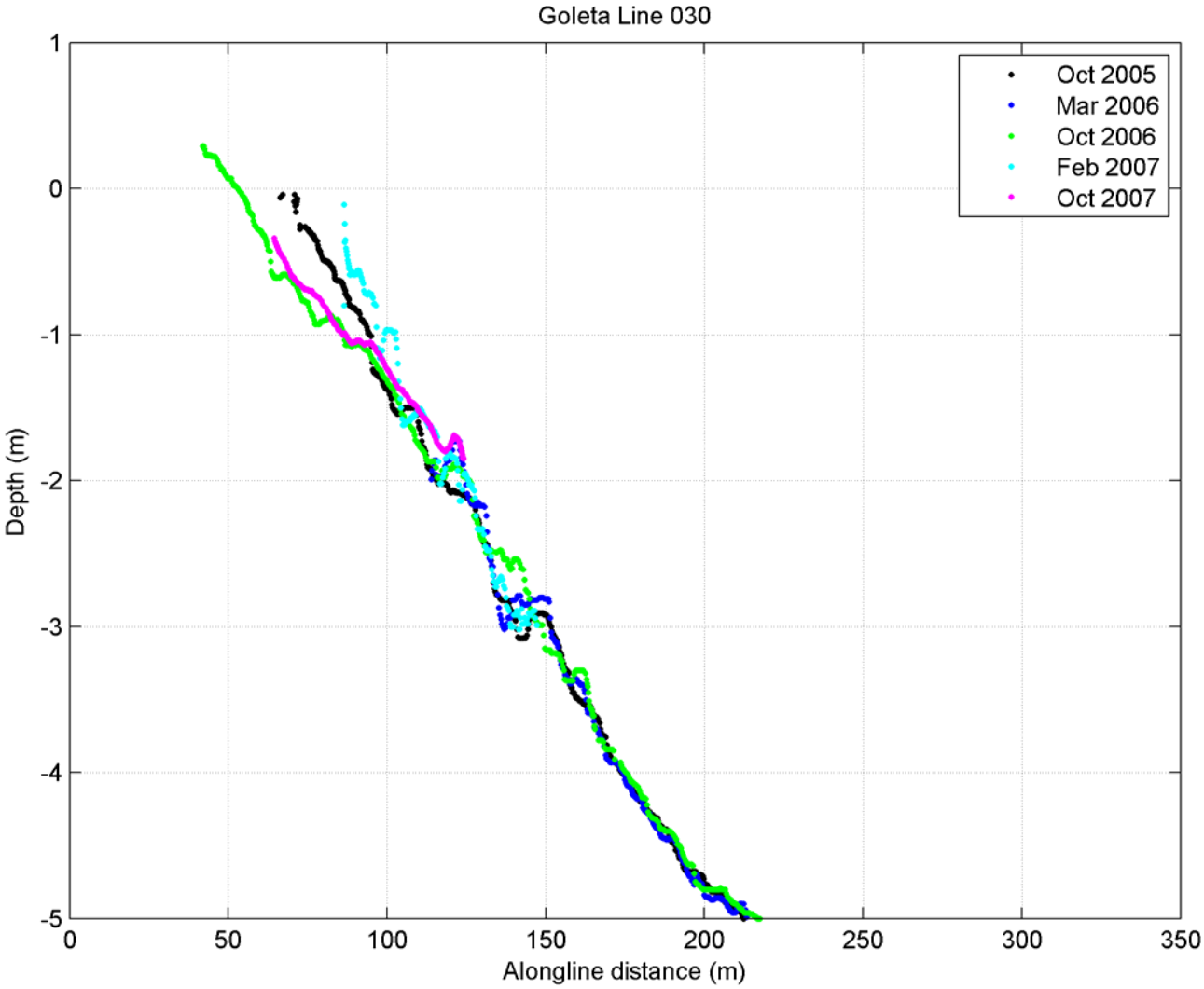

Goleta Line 025
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
1
0
-1
-2
-3
-4
-5
60
80
100
120
140
160
180
200
220
240

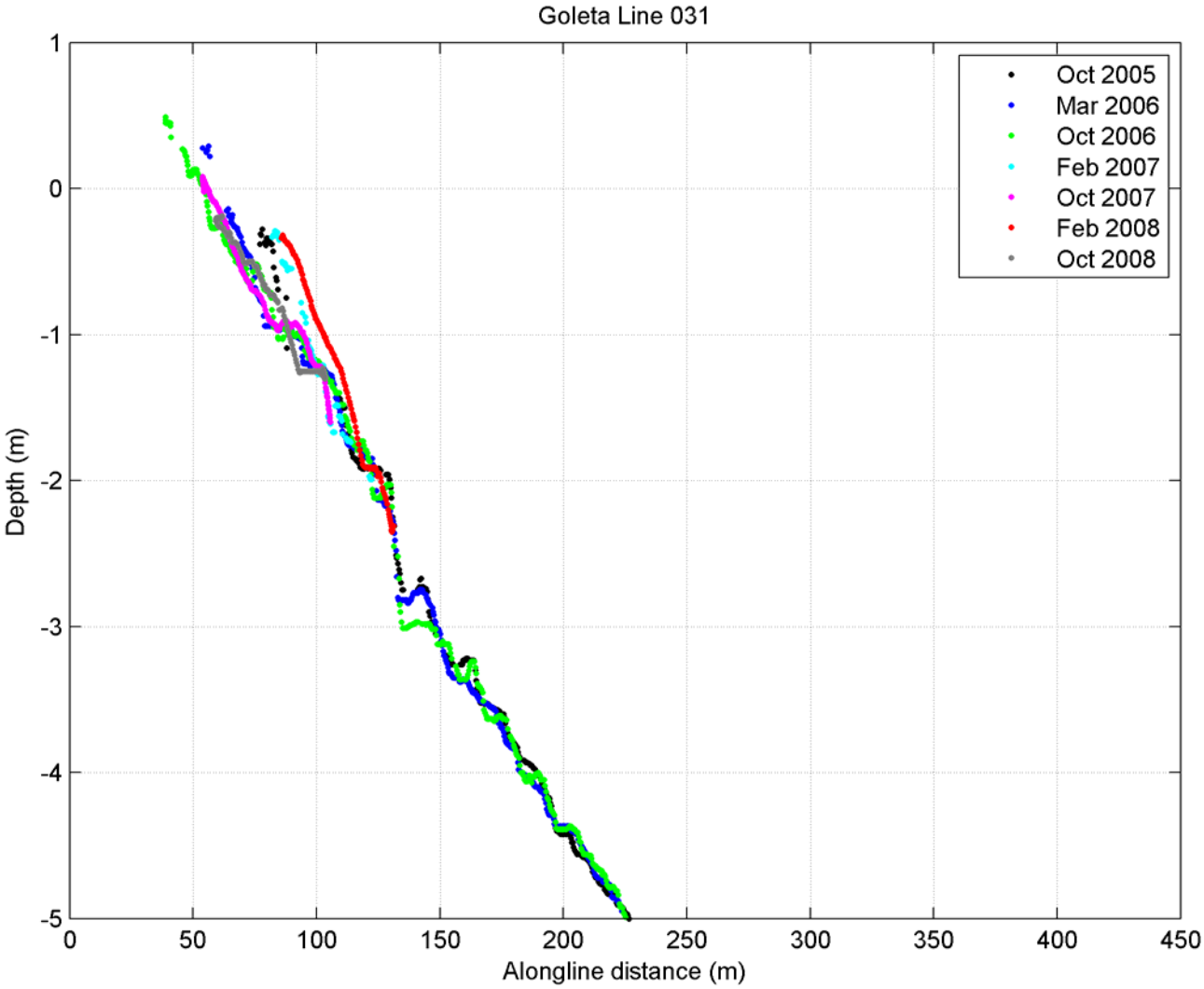

Goleta Line 026
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Depth (m)
Alongline distance (m)
1
0
-1
-2
-3
-4
-5
60
80
100
120
140
160
180
200
220
240
260

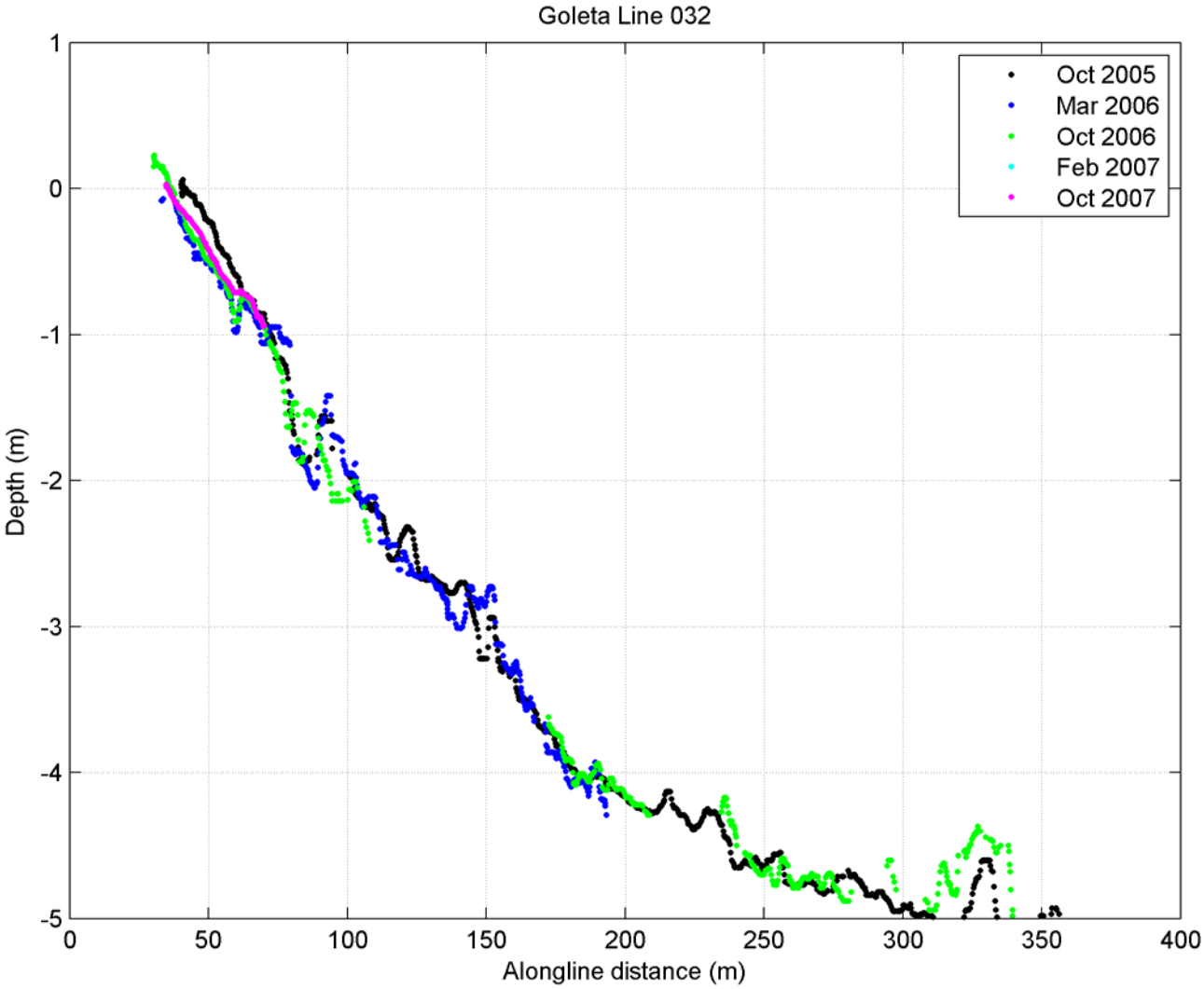

Goleta Line 027
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
1
0
-1
-2
-3
-4
-5
40
60
80
100
120
140
160
180
200
220
240

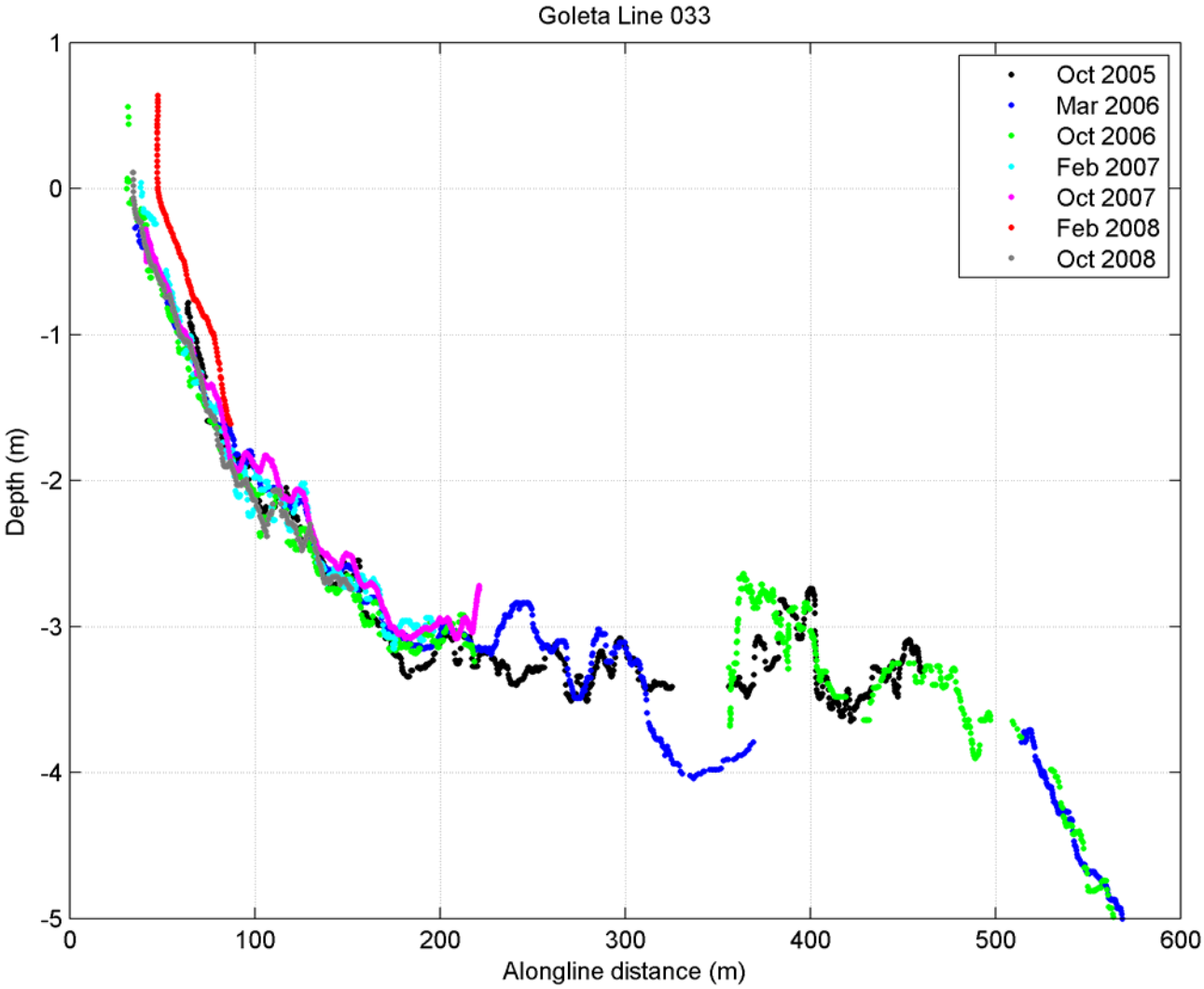

Goleta Line 028
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Depth (m)
Alongline distance (m)
1
0
-1
-2
-3
-4
-5
40
60
80
100
120
140
160
180
200
220
240

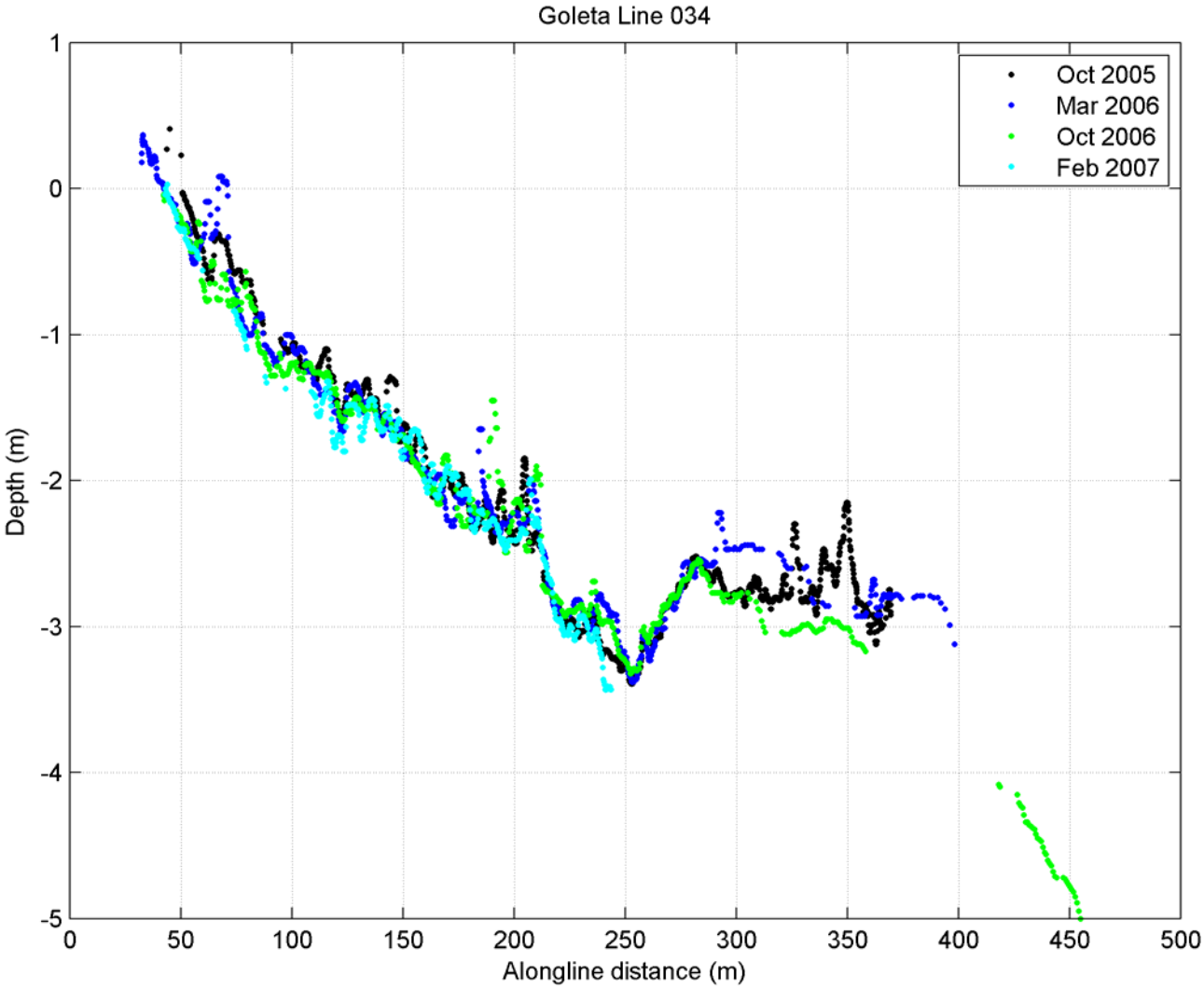

Goleta Line 029
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
1
0
-1
-2
-3
-4
-5
0
50
100
150
200
250
300
350

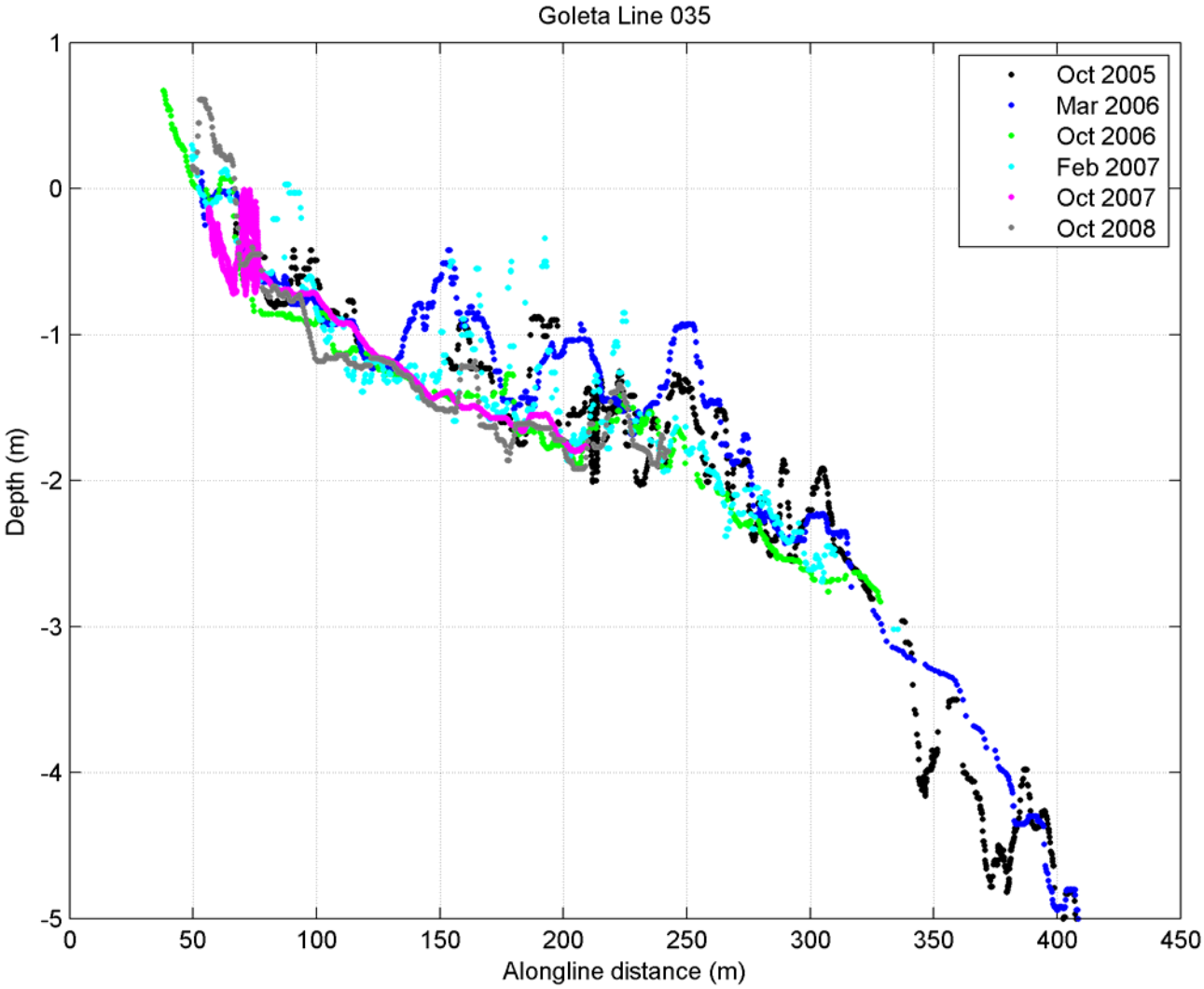

Goleta Line 030
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Depth (m)
Alongline distance (m)
1
0
-1
-2
-3
-4
-5
0
50
100
150
200
250
300
350

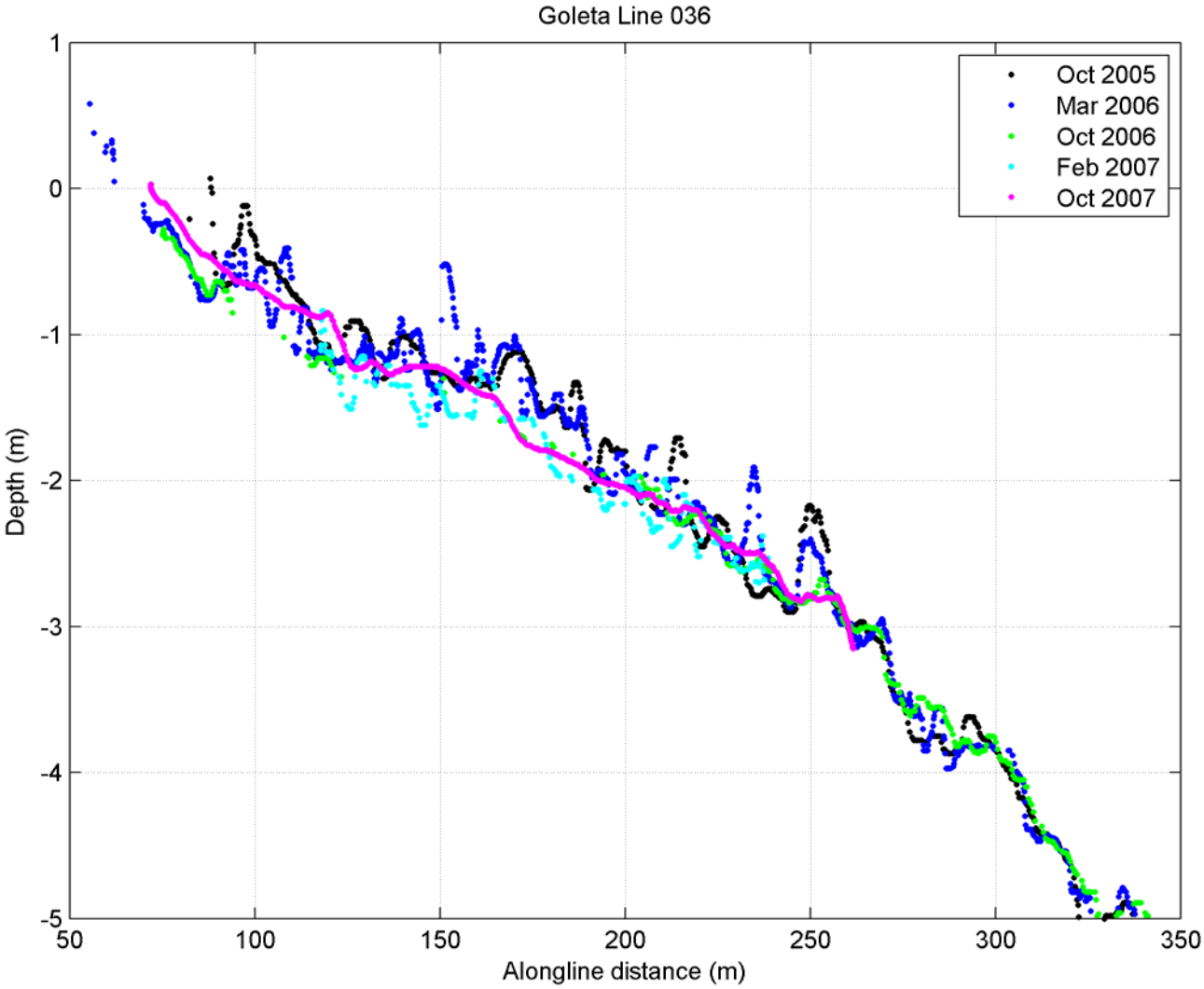

Goleta Line 031
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
1
0
-1
-2
-3
-4
-5
0
50
100
150
200
250
300
350
400
450

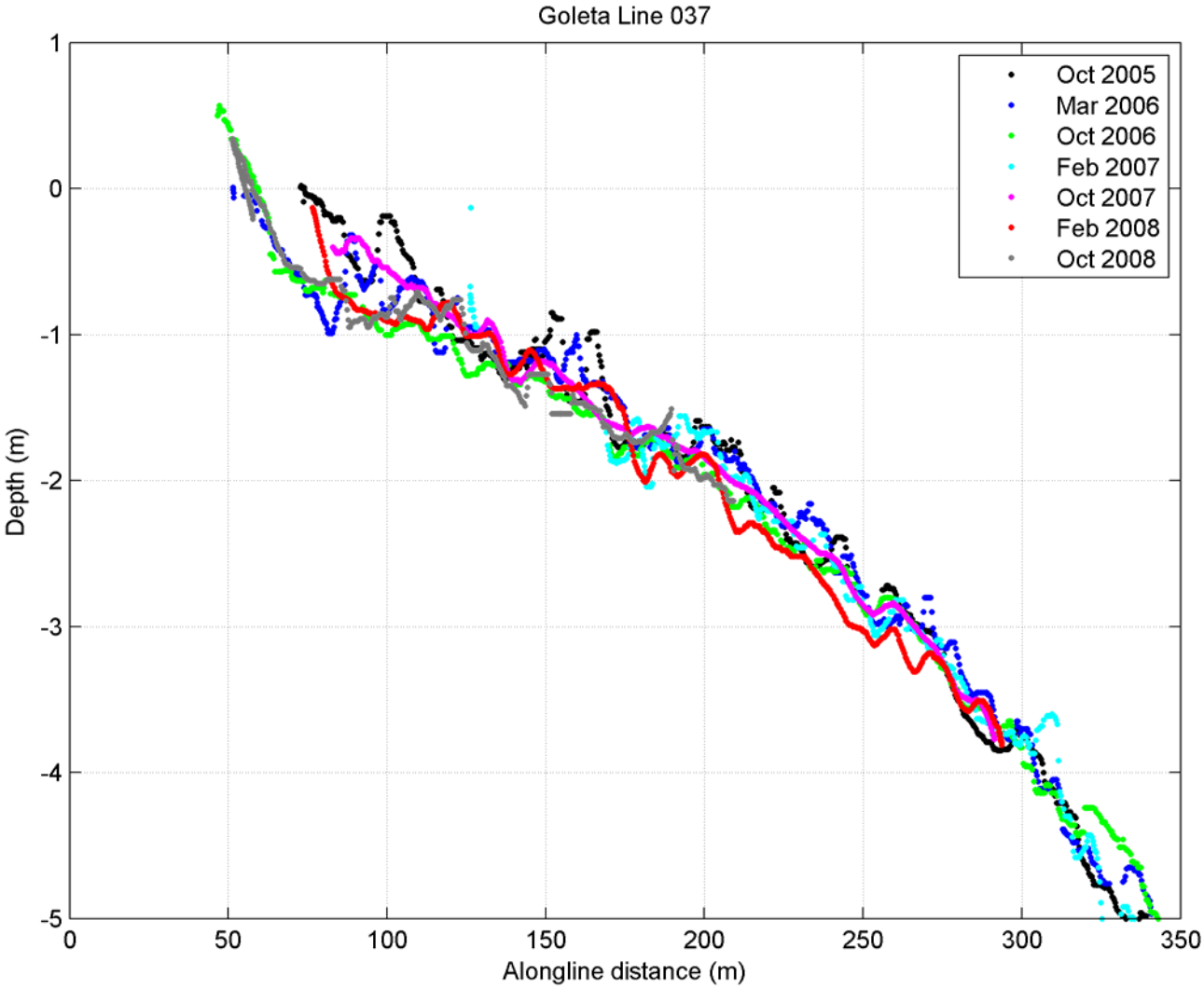

Goleta Line 032
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Depth (m)
Alongline distance (m)
1
0
-1
-2
-3
-4
-5
0
50
100
150
200
250
300
350
400

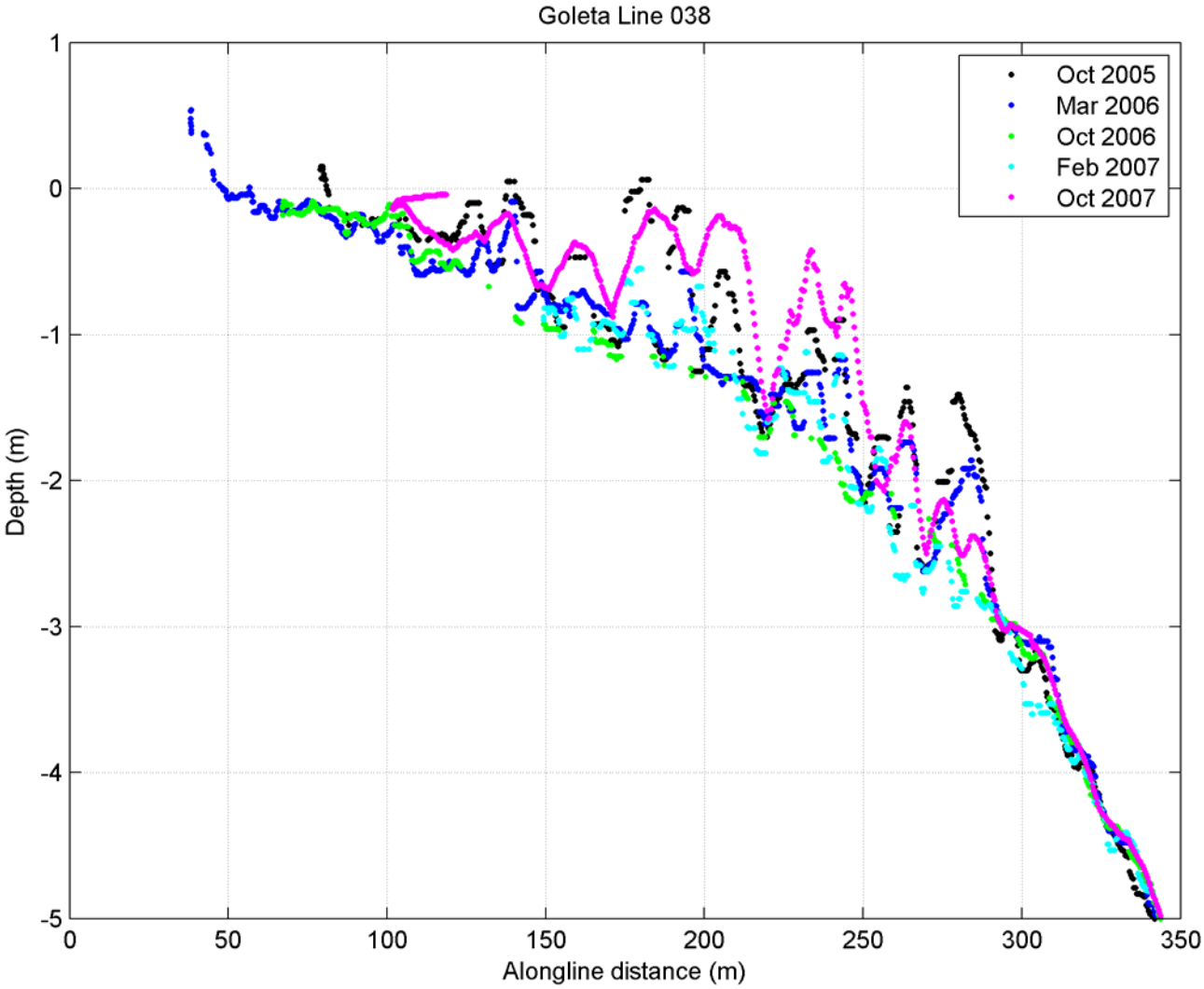

Goleta Line 033
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
1
0
-1
-2
-3
-4
-5
0
100
200
300
400
500
600

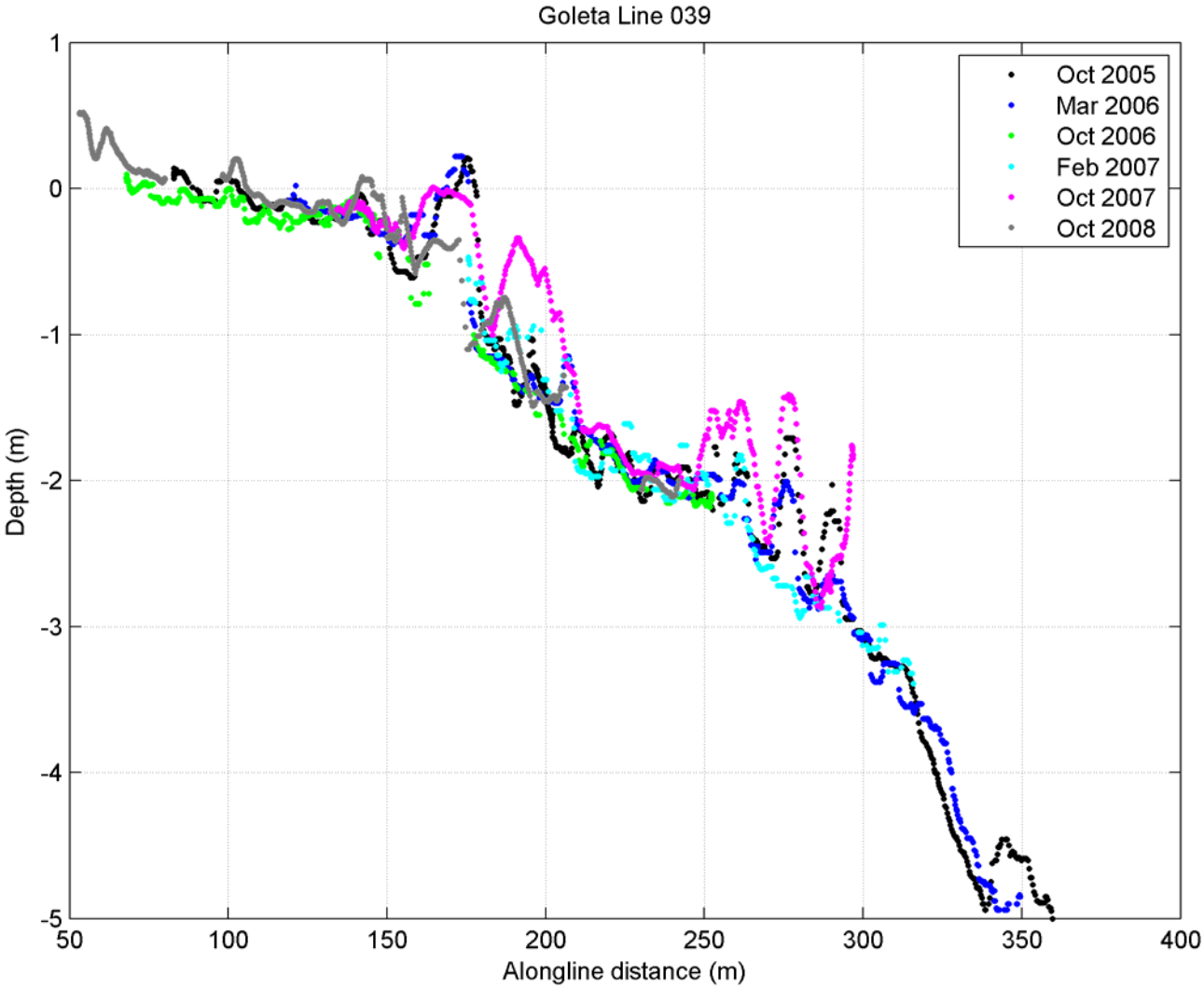

Goleta Line 034
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Depth (m)
Alongline distance (m)
1
0
-1
-2
-3
-4
-5
0
50
100
150
200
250
300
350
400
450
500

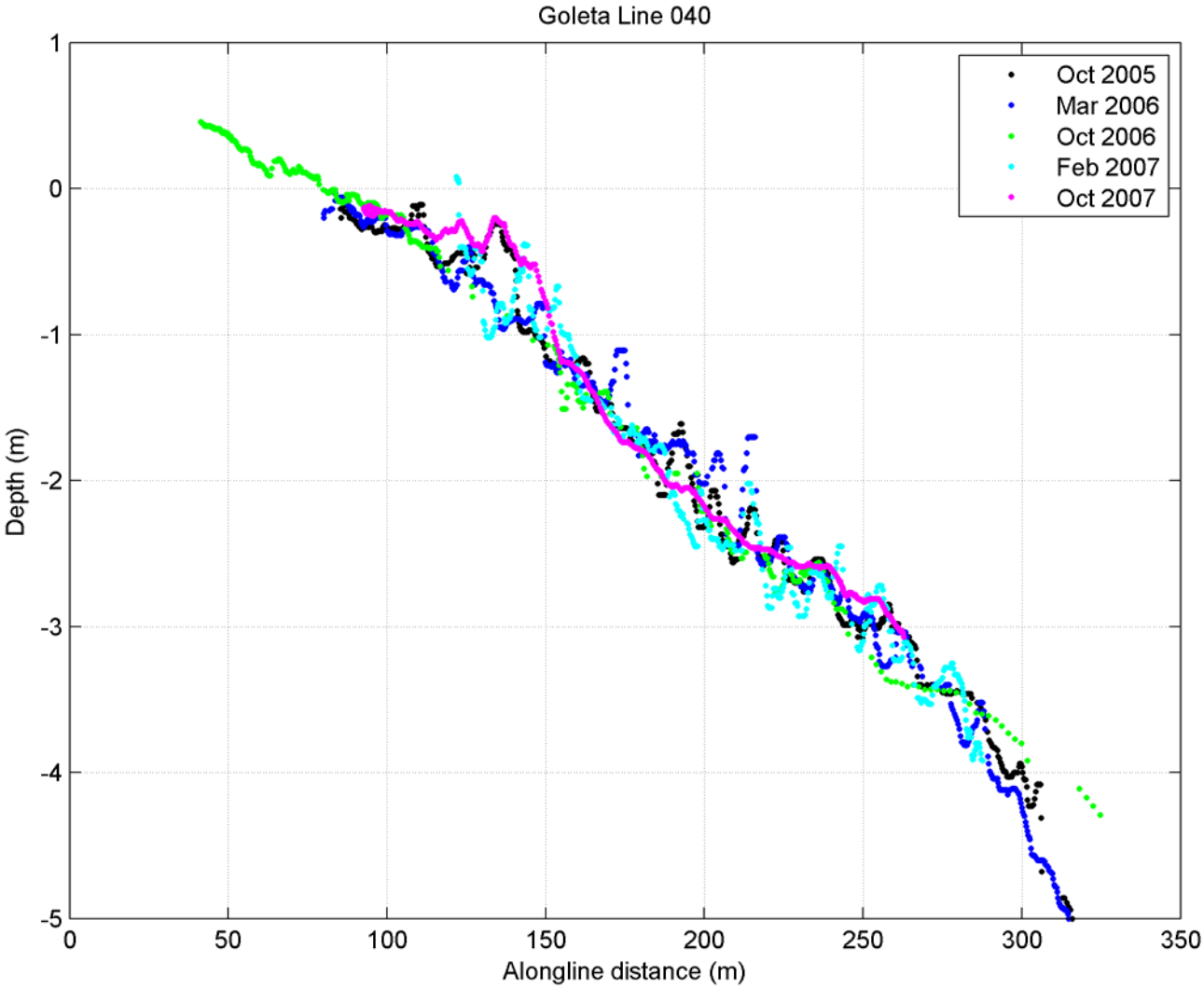

Goleta Line 035
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Oct 2008
Depth (m)
Alongline distance (m)
1
0
-1
-2
-3
-4
-5
0
50
100
150
200
250
300
350
400
450

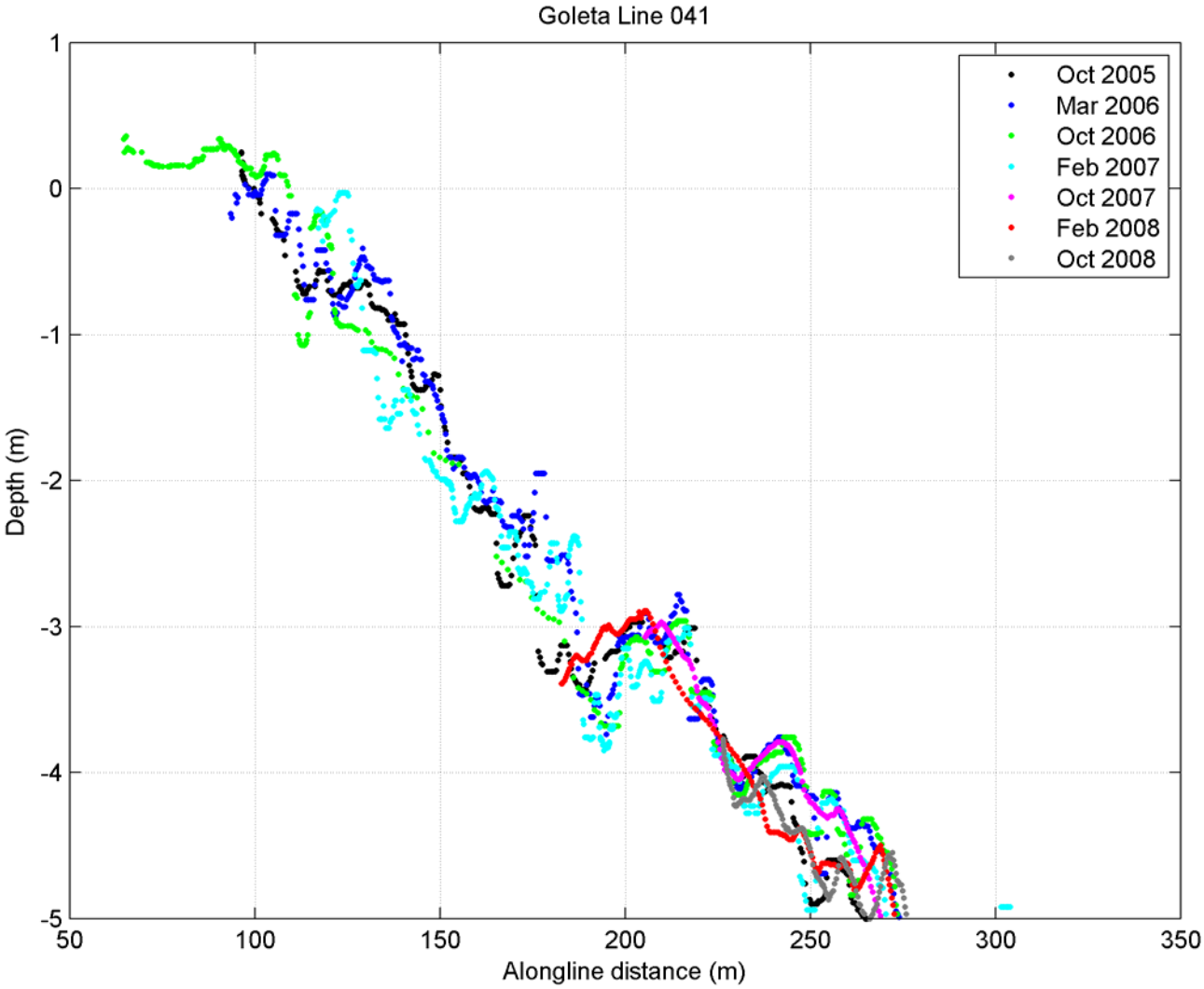

Goleta Line 036
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Depth (m)
Alongline distance (m)
1
0
-1
-2
-3
-4
-5
50
100
150
200
250
300
350

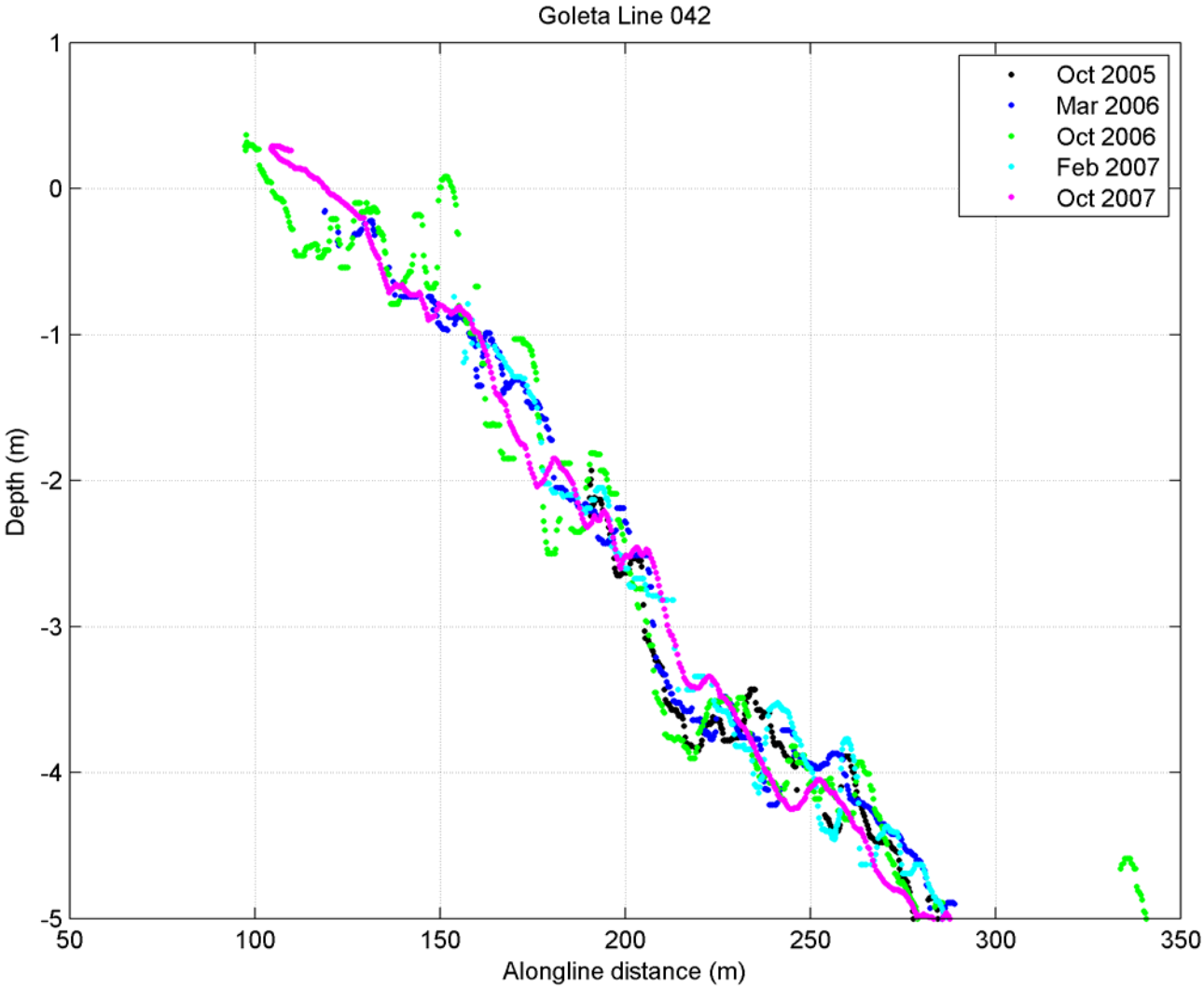

Goleta Line 037
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
1
0
-1
-2
-3
-4
-5
0
50
100
150
200
250
300
350

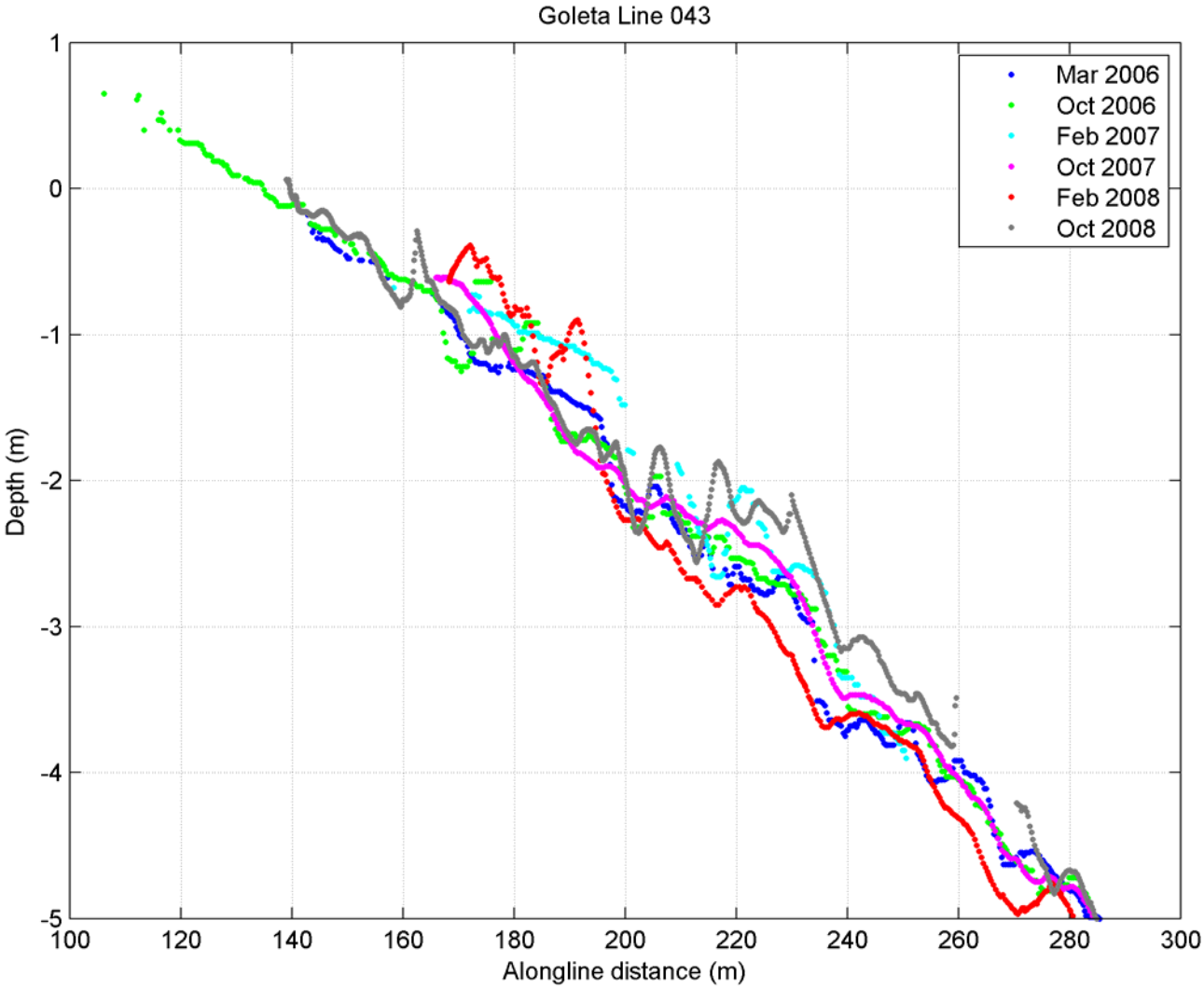

Goleta Line 038
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Depth (m)
Alongline distance (m)
1
0
-1
-2
-3
-4
-5
0
50
100
150
200
250
300
350

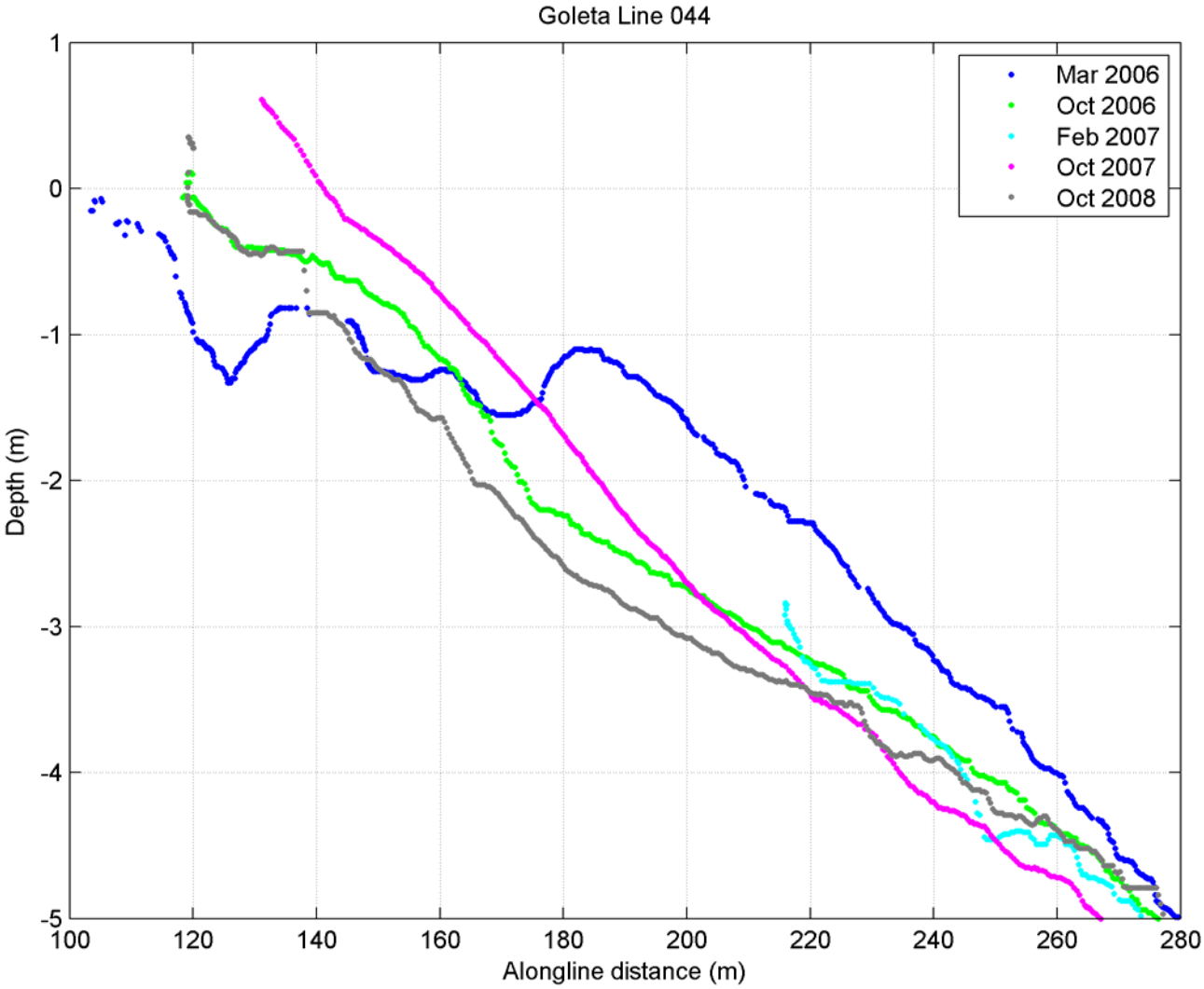

Goleta Line 039
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Oct 2008
Depth (m)
Alongline distance (m)
1
0
-1
-2
-3
-4
-5
50
100
150
200
250
300
350
400

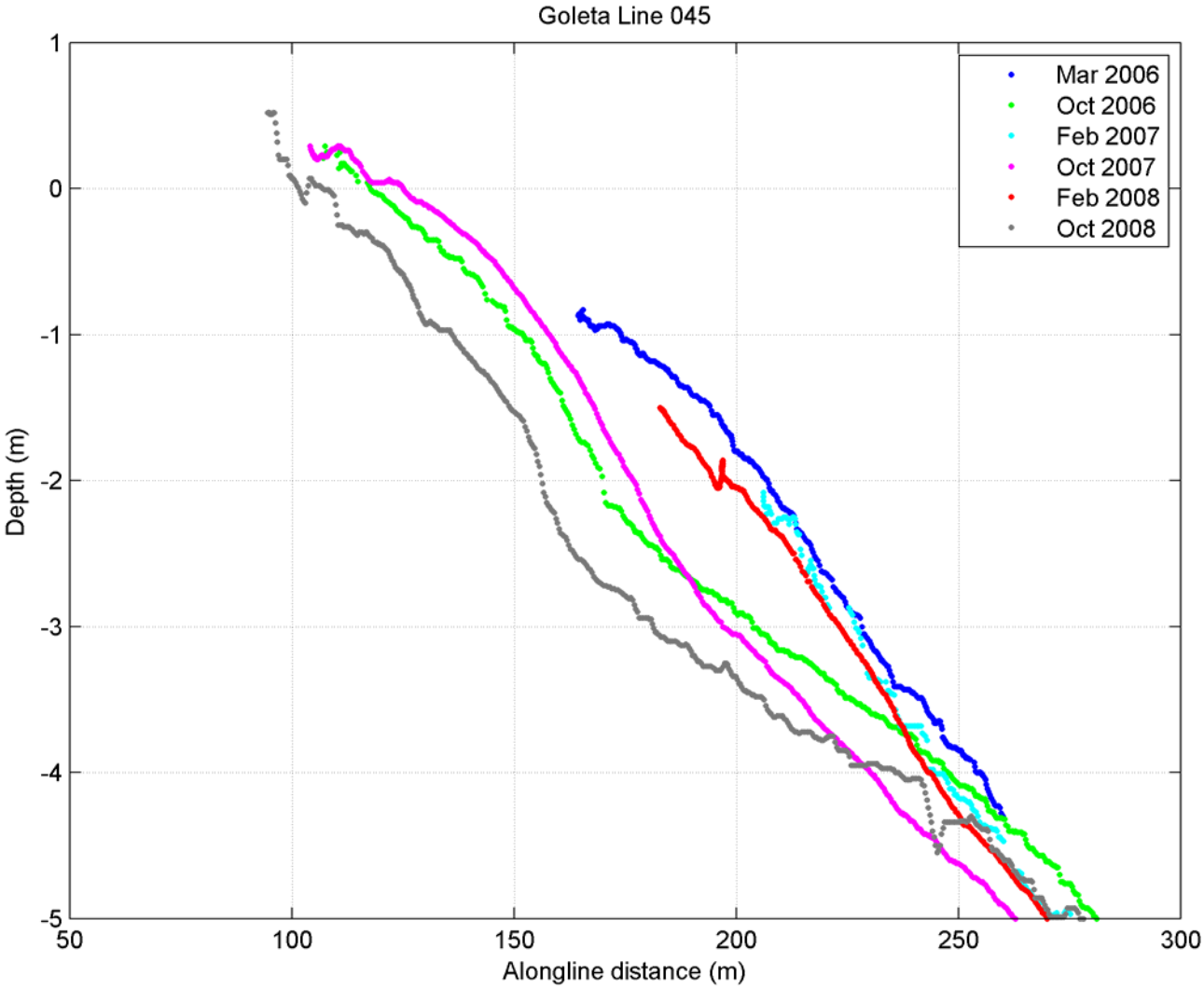

Goleta Line 040
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Depth (m)
Alongline distance (m)
1
0
-1
-2
-3
-4
-5
0
50
100
150
200
250
300
350

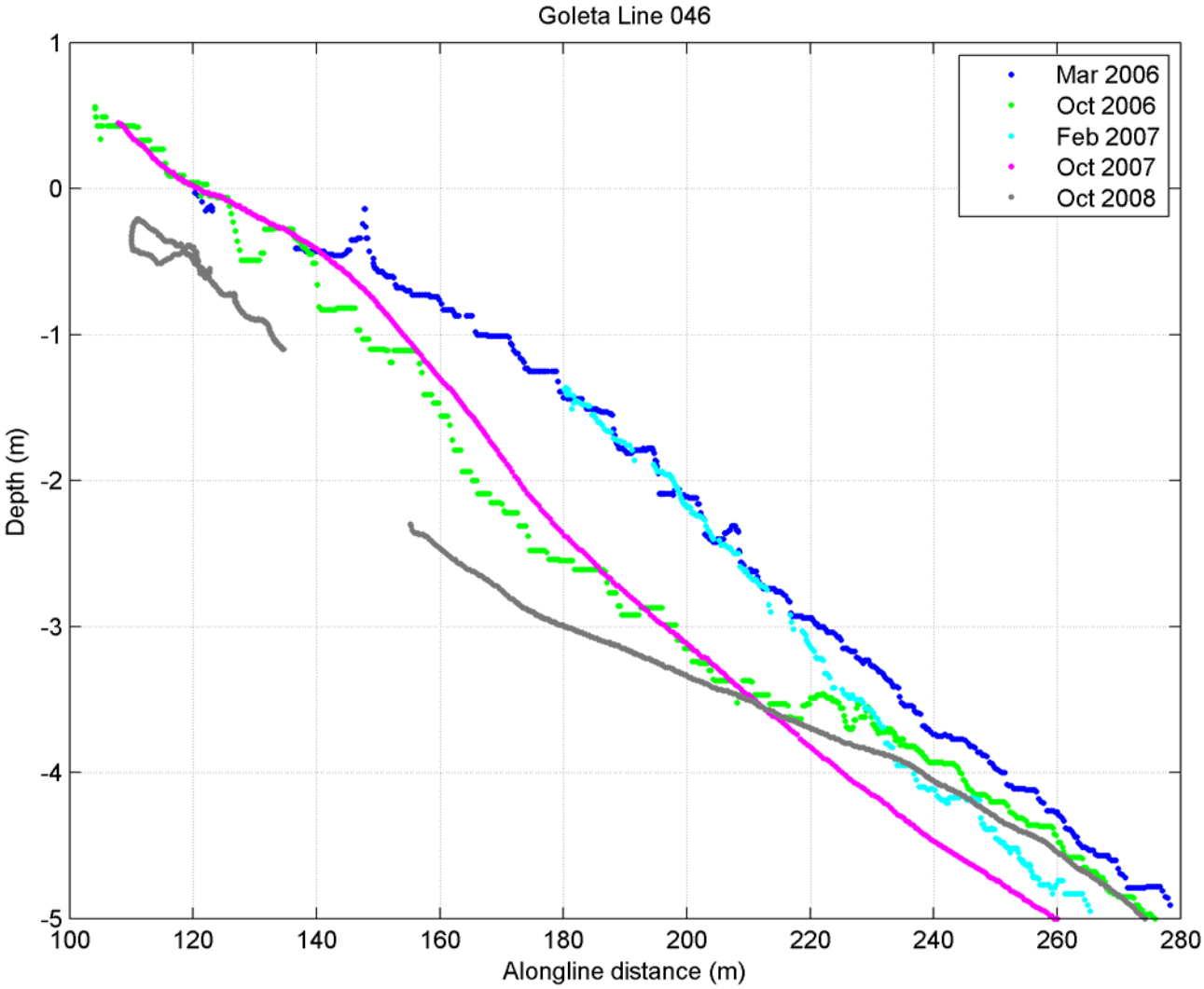

Goleta Line 041
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
1
0
-1
-2
-3
-4
-5
50
100
150
200
250
300
350

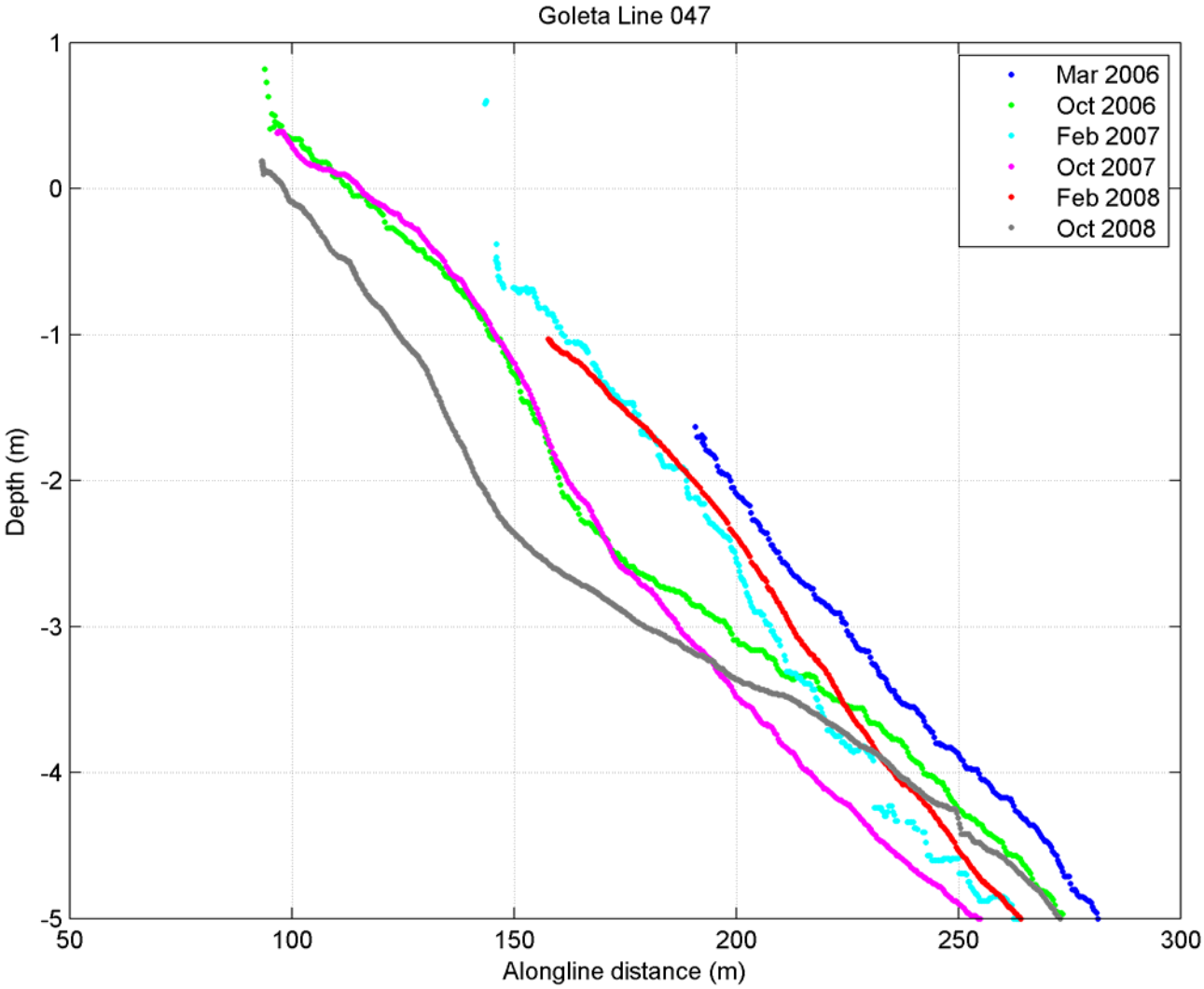

Goleta Line 042
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Depth (m)
Alongline distance (m)
1
0
-1
-2
-3
-4
-5
50
100
150
200
250
300
350

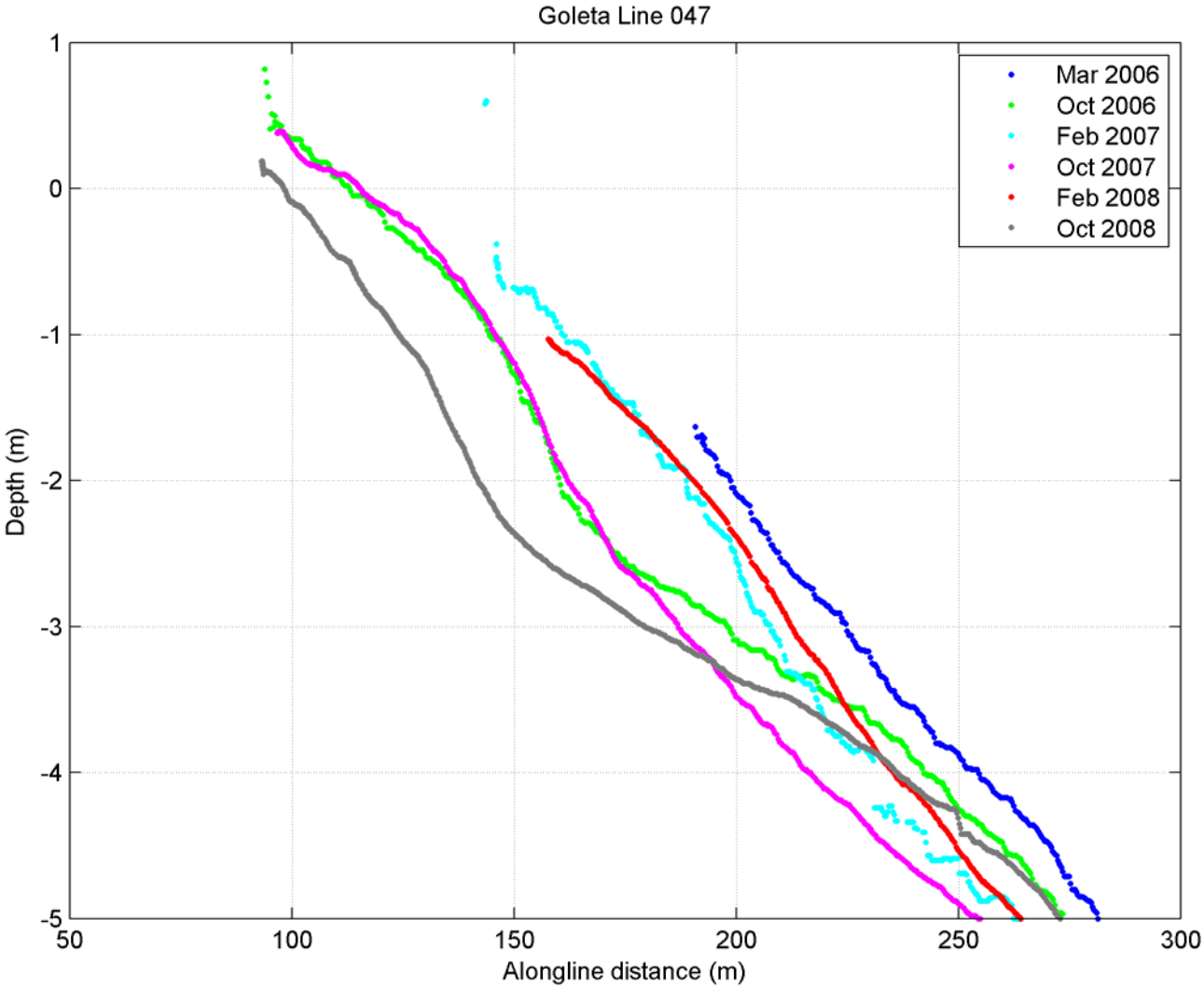

Goleta Line 043
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
1
0
-1
-2
-3
-4
-5
100
120
140
160
180
200
220
240
260
280
300

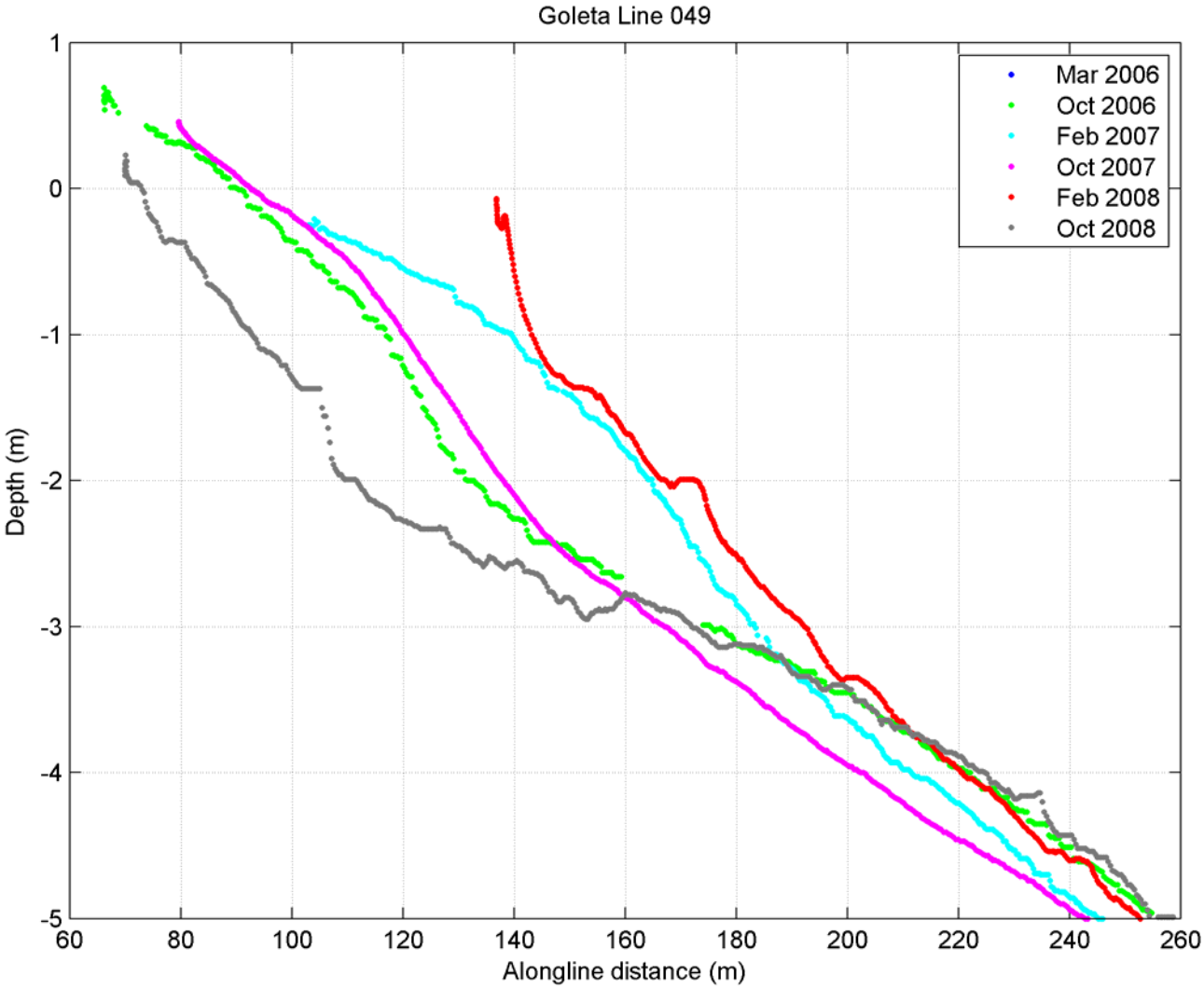

Goleta Line 044
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Oct 2008
Depth (m)
Alongline distance (m)
1
0
-1
-2
-3
-4
-5
100
120
140
160
180
200
220
240
260
280

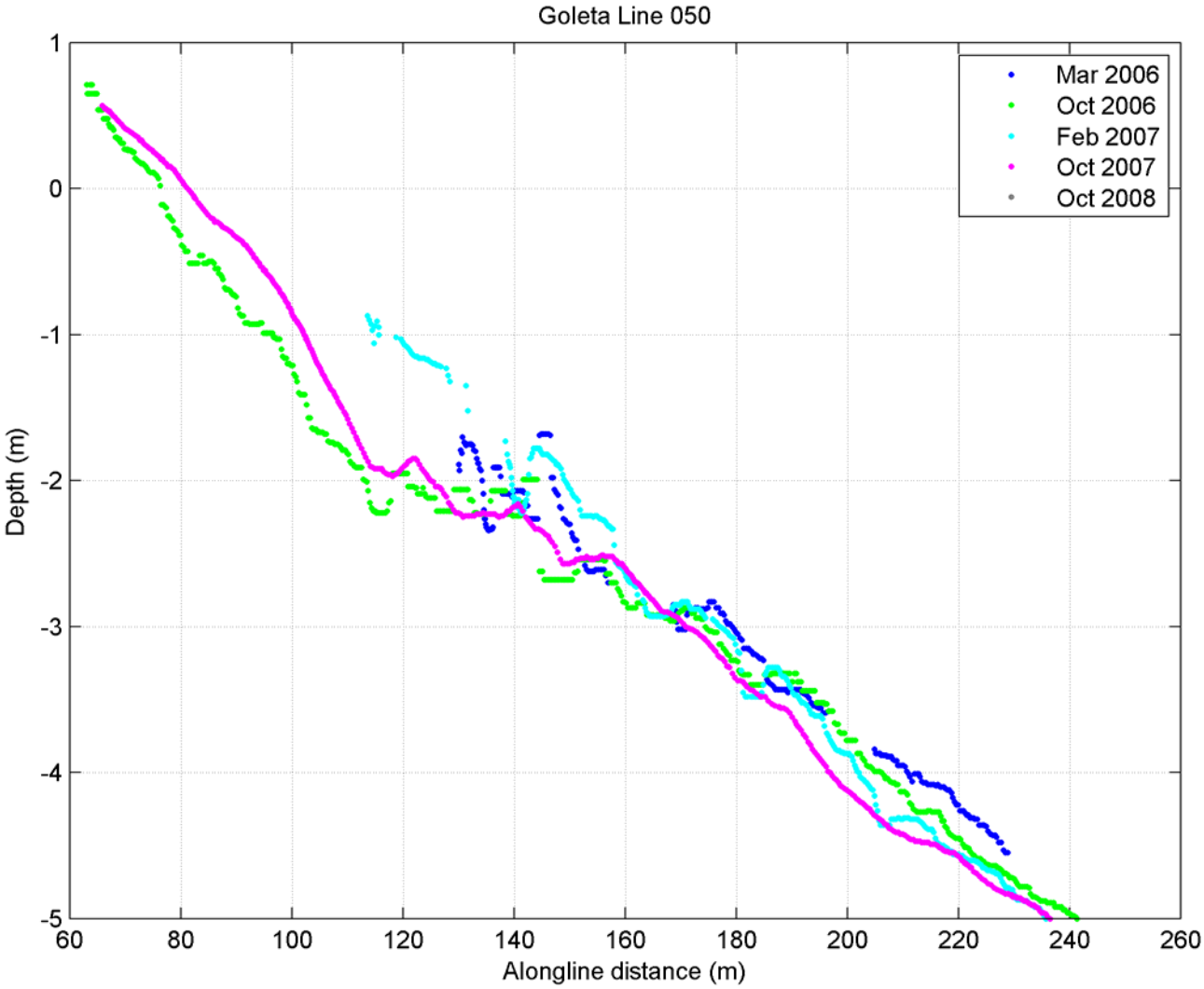

Goleta Line 045
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
1
0
-1
-2
-3
-4
-5
50
100
150
200
250
300

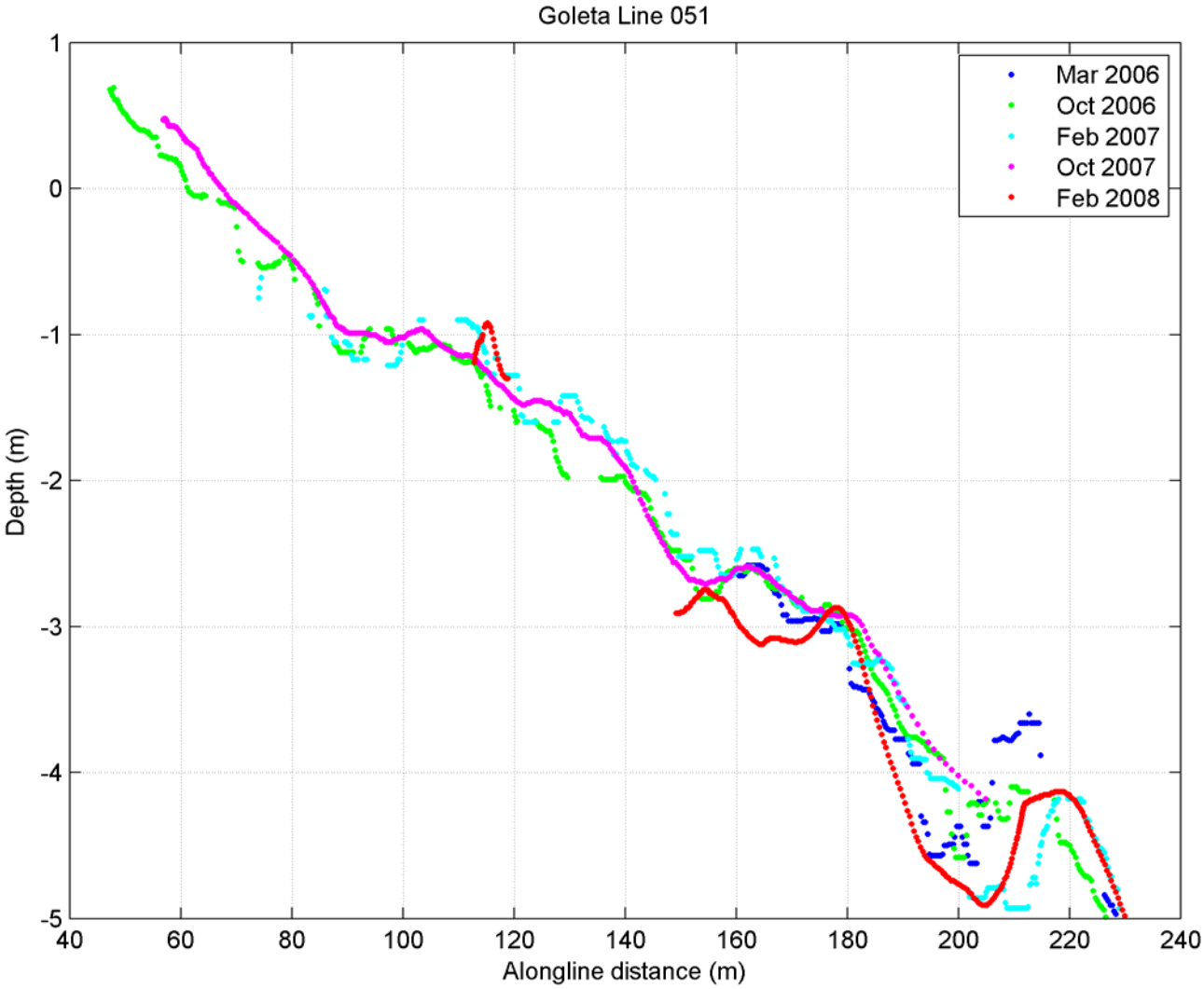

Goleta Line 046
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Oct 2008
Depth (m)
Alongline distance (m)
1
0
-1
-2
-3
-4
-5
100
120
140
160
180
200
220
240
260
280

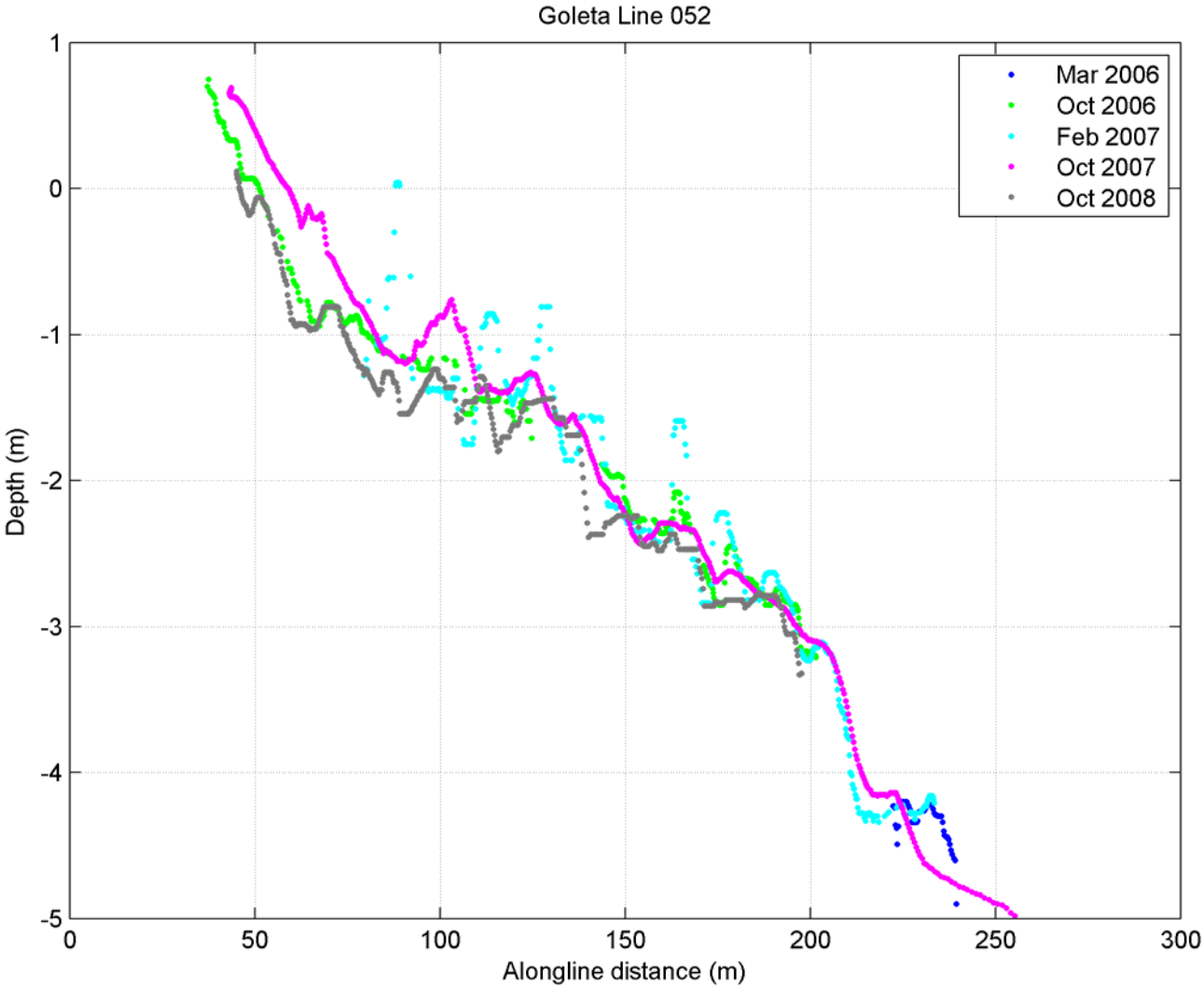

Goleta Line 047
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
1
0
-1
-2
-3
-4
-5
50
100
150
200
250
300

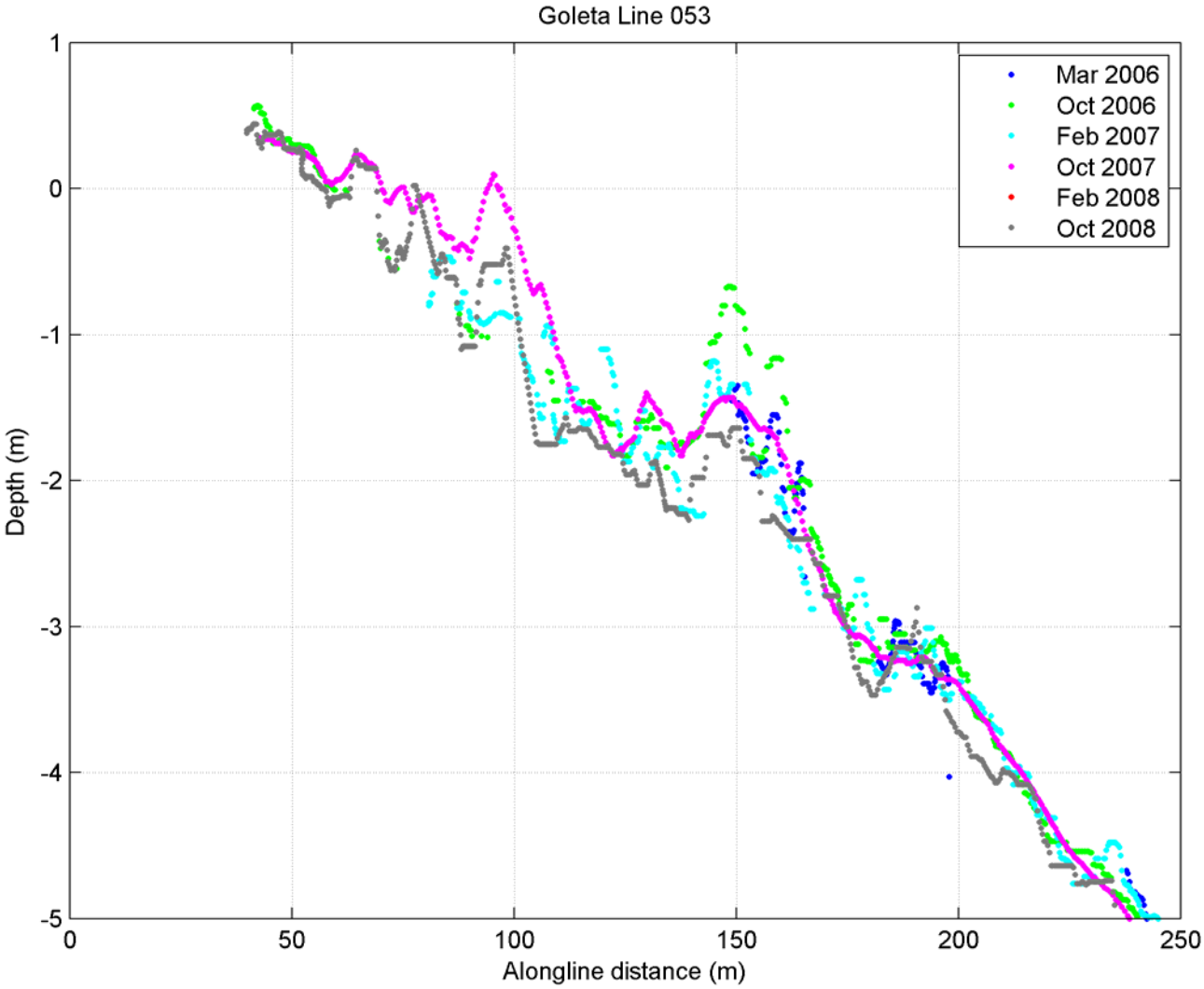

Goleta Line 047
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
1
0
-1
-2
-3
-4
-5
50
100
150
200
250
300

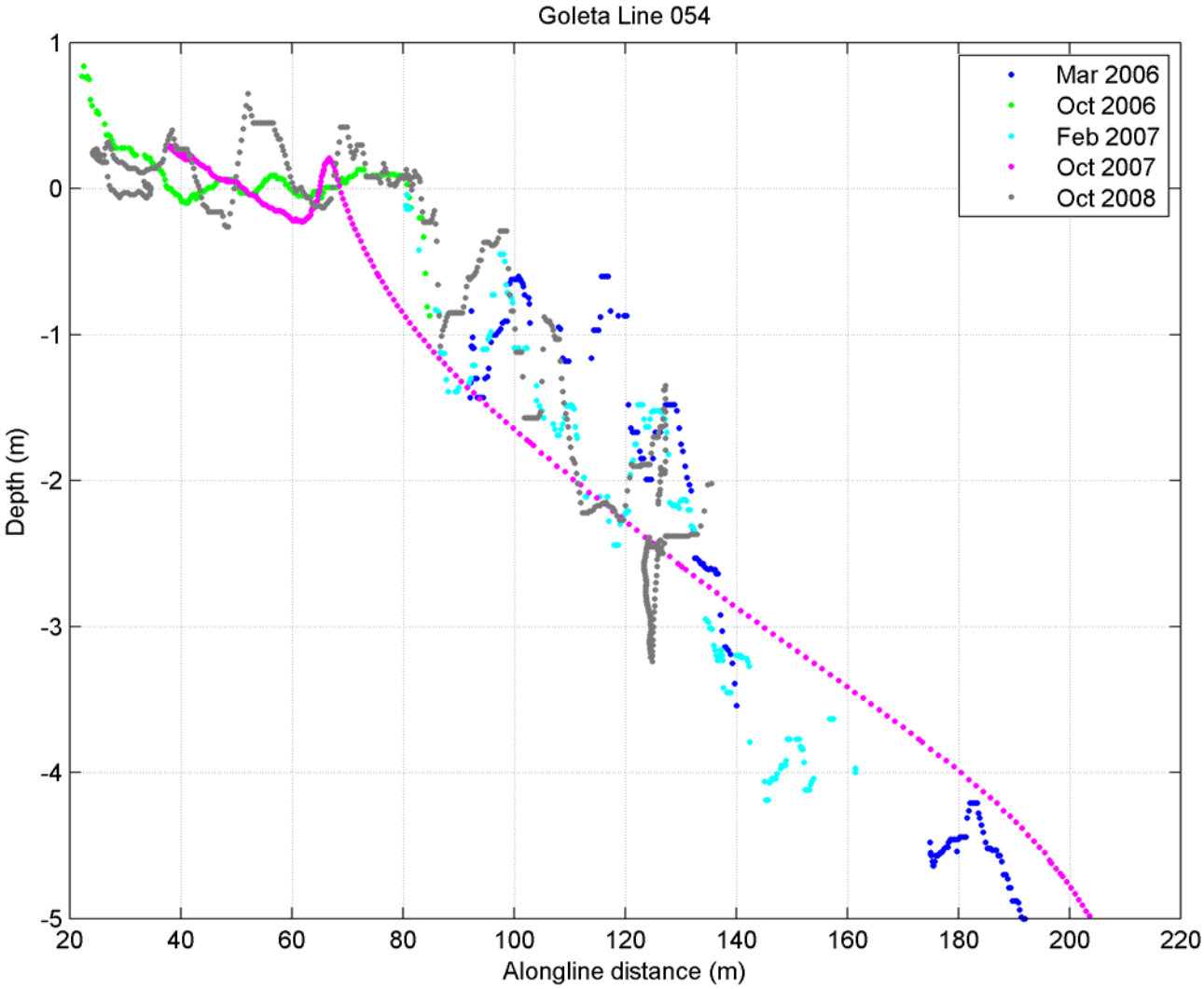

Goleta Line 049
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
1
0
-1
-2
-3
-4
-5
60
80
100
120
140
160
180
200
220
240
260

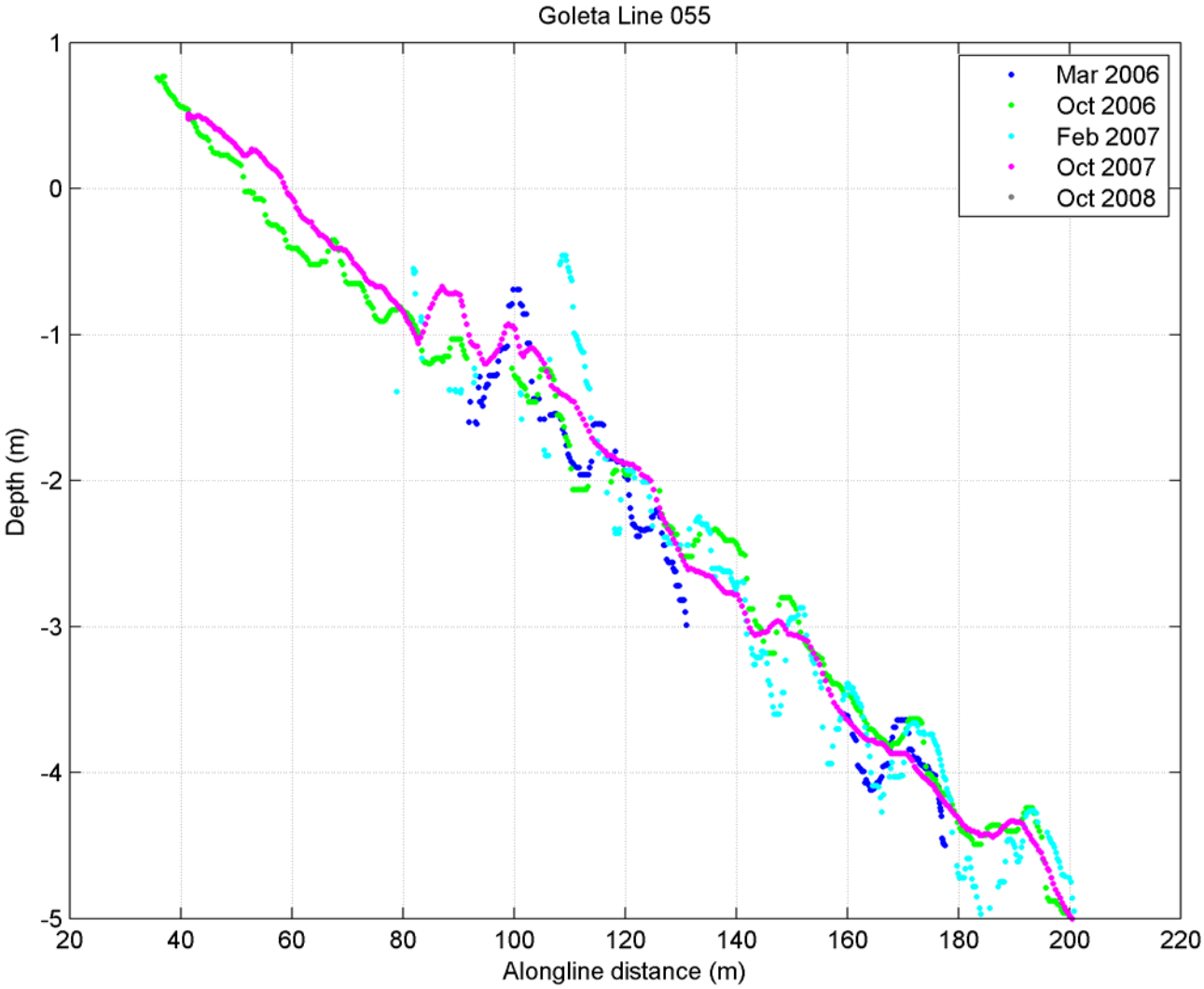

Goleta Line 050
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Oct 2008
Depth (m)
Alongline distance (m)
1
0
-1
-2
-3
-4
-5
60
80
100
120
140
160
180
200
220
240
260

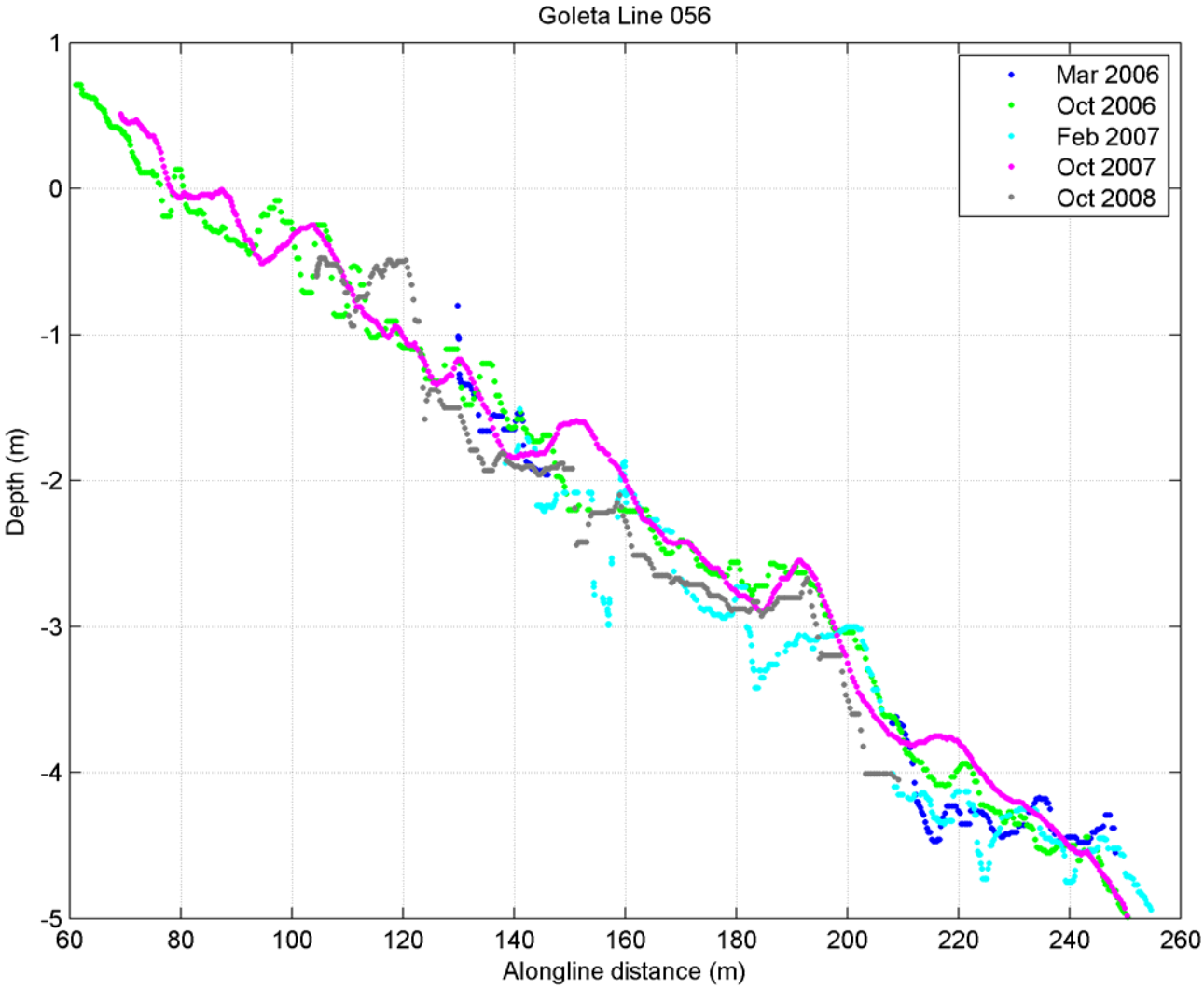

Goleta Line 051
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Depth (m)
Alongline distance (m)
1
0
-1
-2
-3
-4
-5
40
60
80
100
120
140
160
180
200
220
240

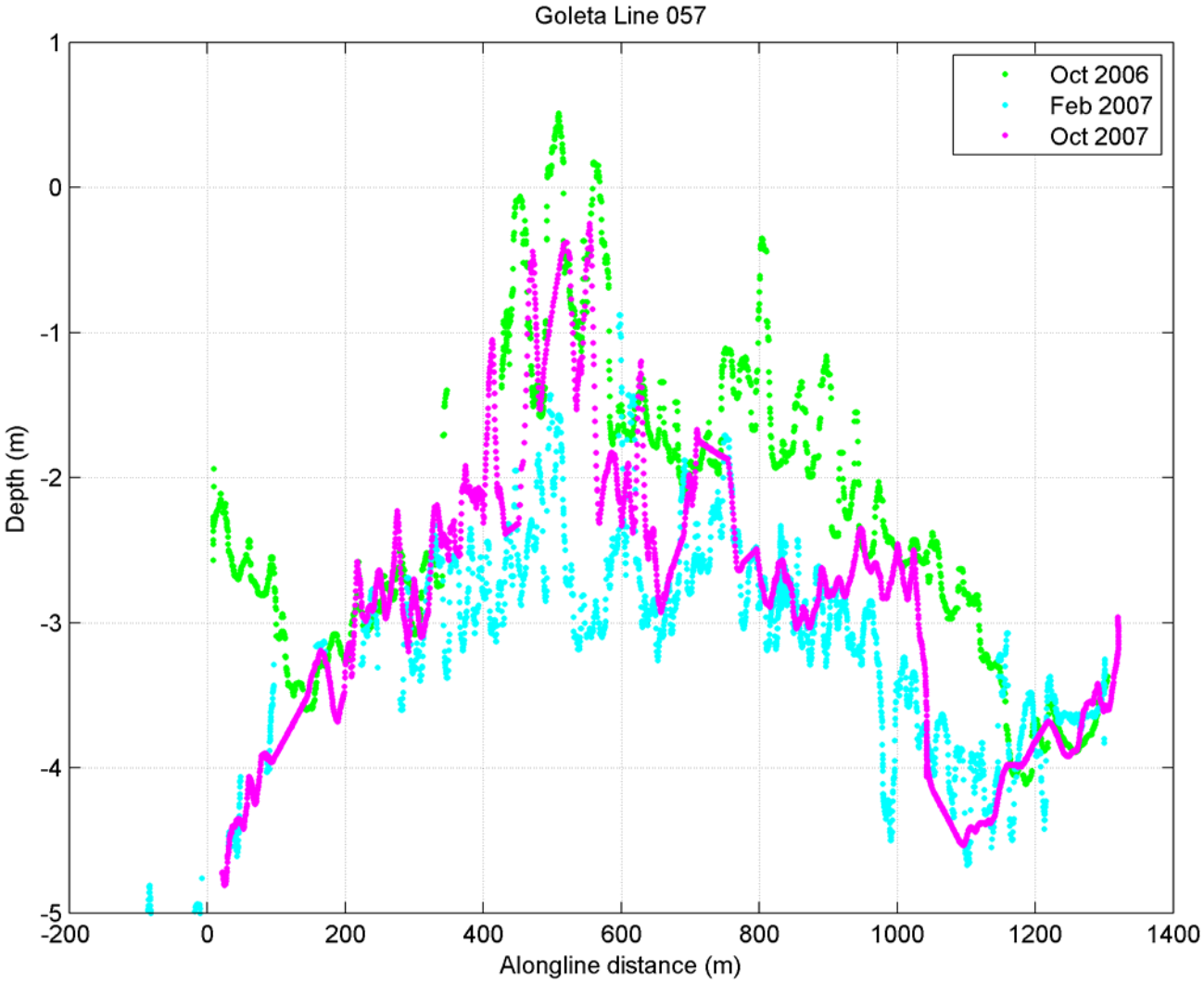

Goleta Line 052
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Oct 2008
Depth (m)
Alongline distance (m)
1
0
-1
-2
-3
-4
-5
0
50
100
150
200
250
300

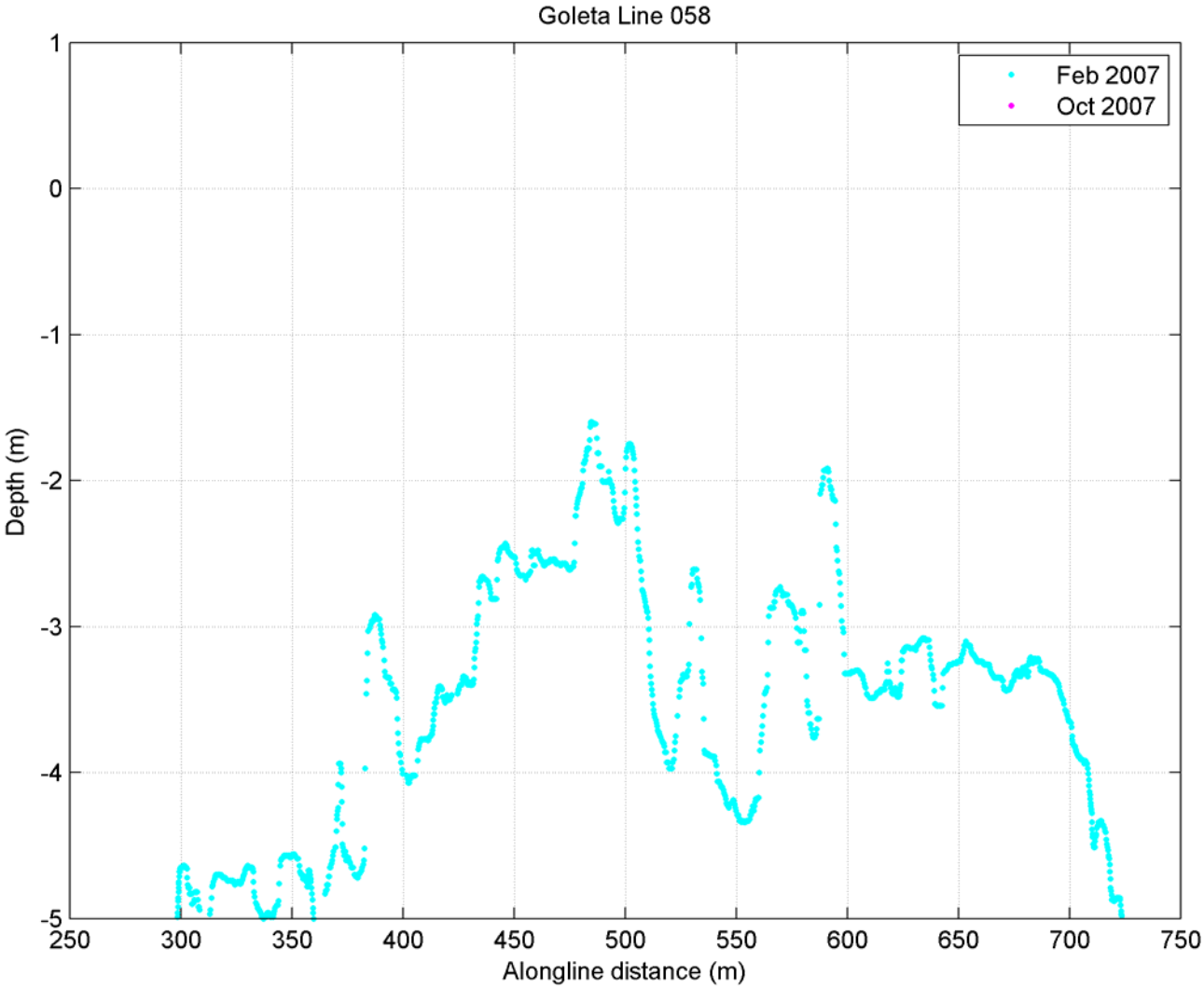

Goleta Line 053
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
1
0
-1
-2
-3
-4
-5
0
50
100
150
200
250

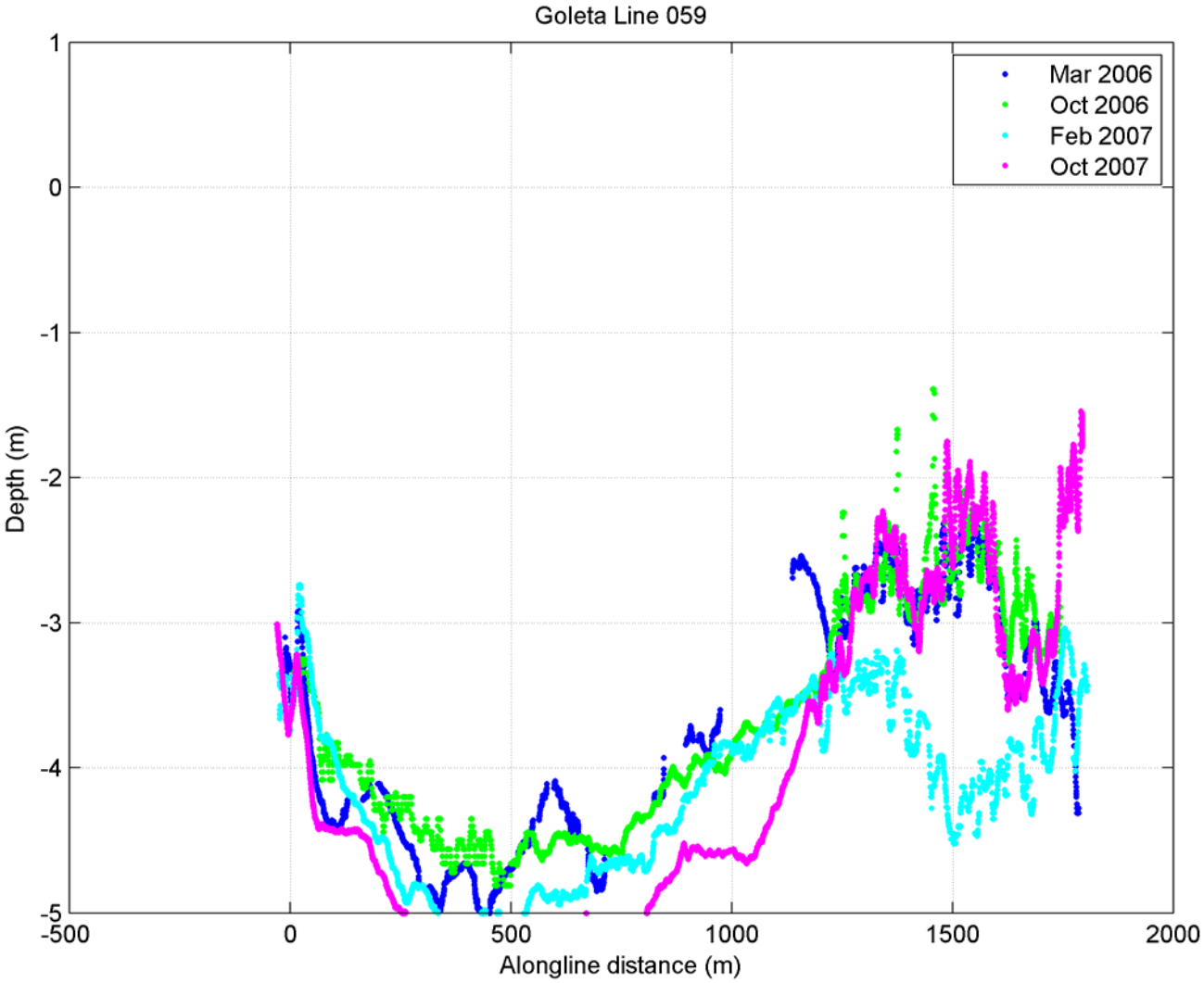

Goleta Line 054
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Oct 2008
Depth (m)
Alongline distance (m)
1
0
-1
-2
-3
-4
-5
20
40
60
80
100
120
140
160
180
200
220

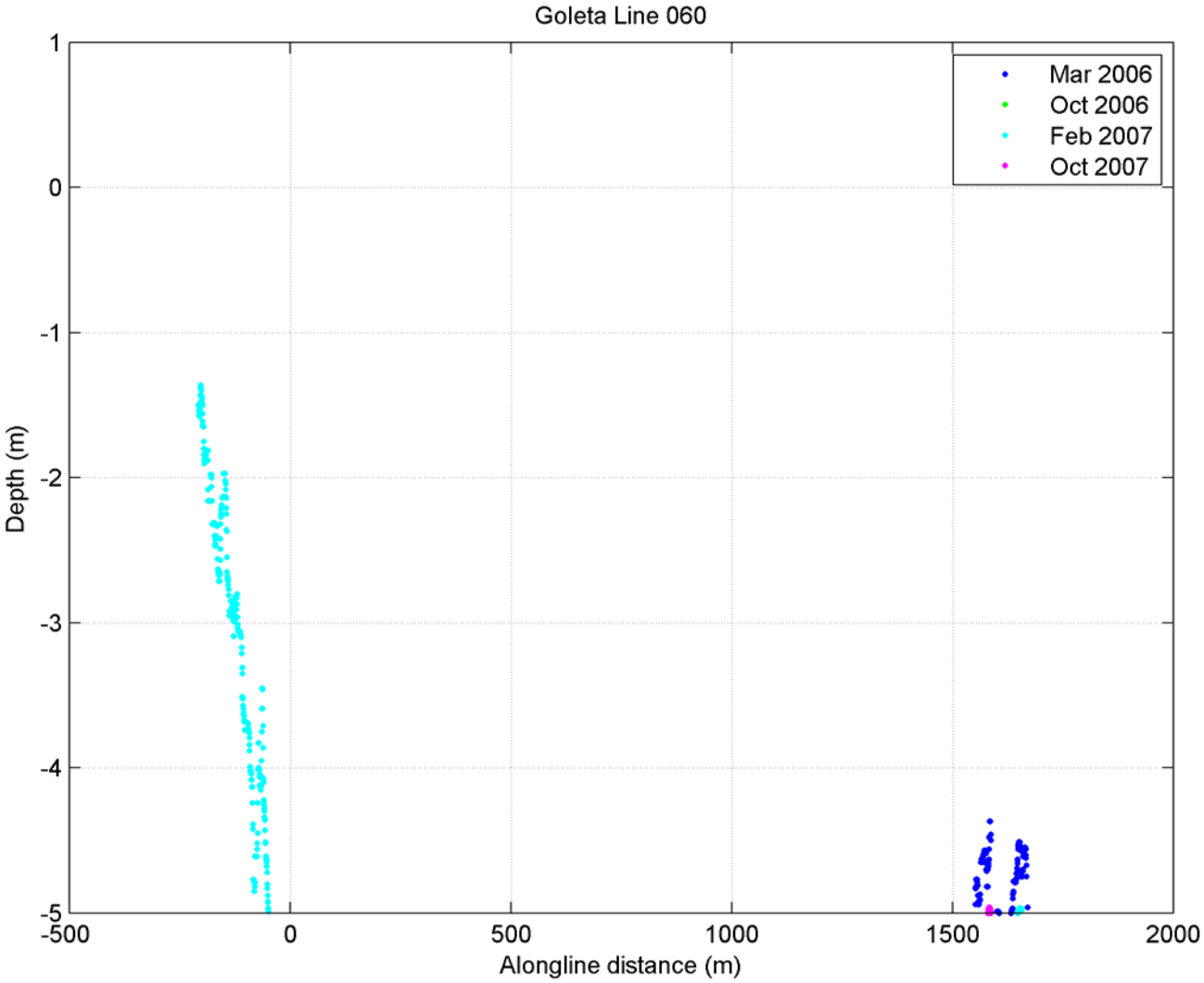

Goleta Line 055
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Oct 2008
Depth (m)
Alongline distance (m)
1
0
-1
-2
-3
-4
-5
20
40
60
80
100
120
140
160
180
200
220

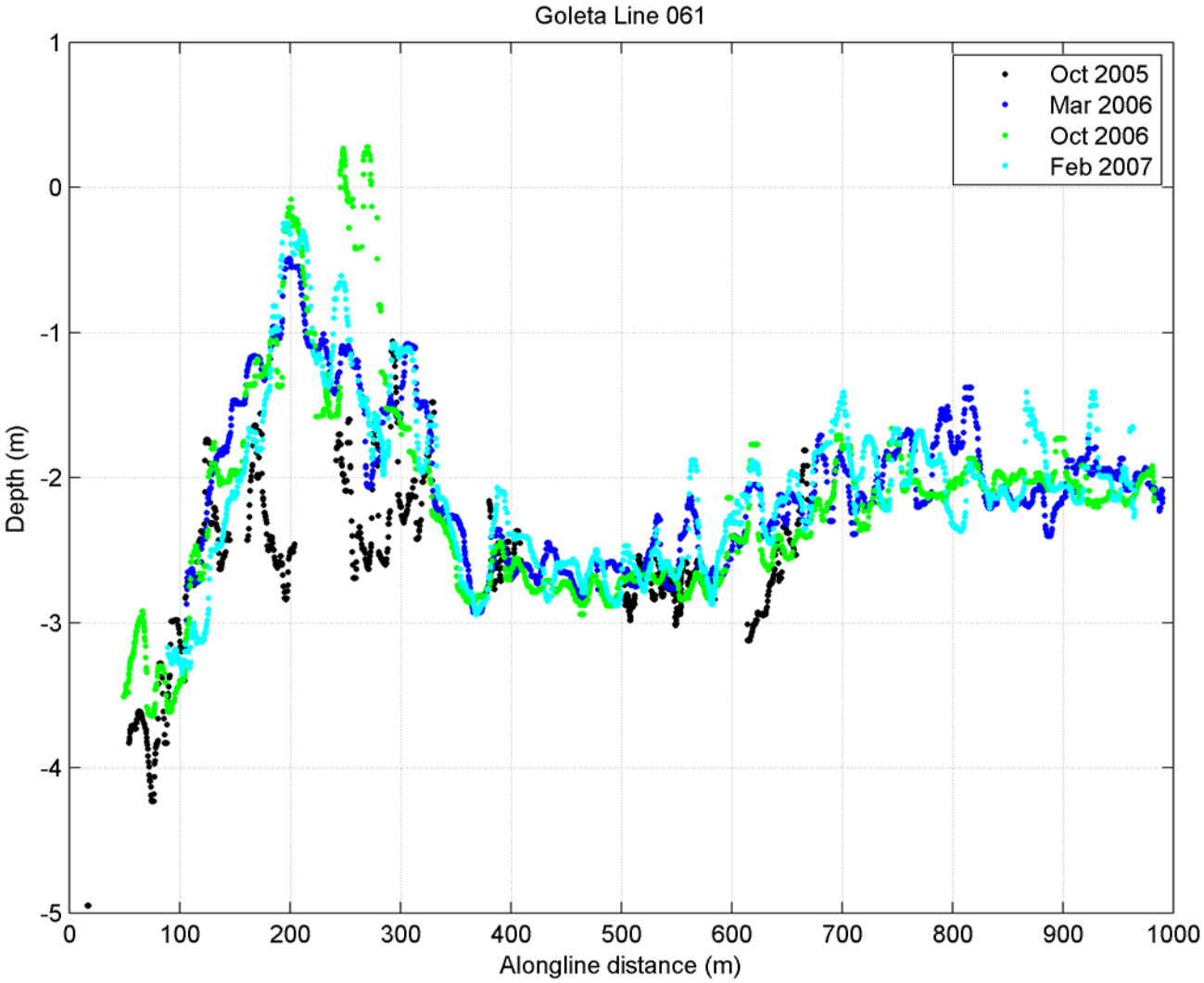

Goleta Line 056
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Oct 2008
Depth (m)
Alongline distance (m)
1
0
-1
-2
-3
-4
-5
60
80
100
120
140
160
180
200
220
240
260

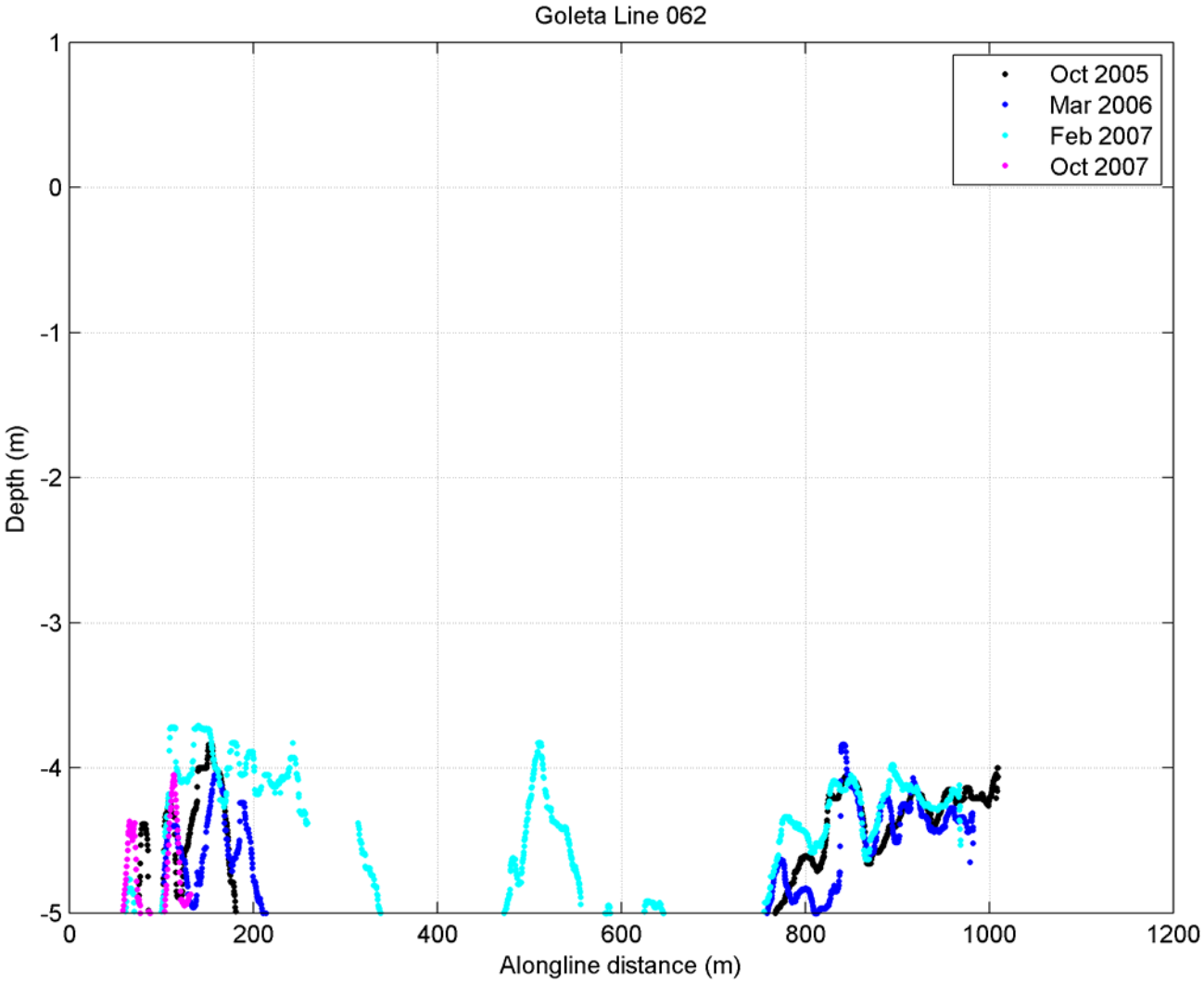

Goleta Line 057
Oct 2006
Feb 2007
Oct 2007
Depth (m)
Alongline distance (m)
1
0
-1
-2
-3
-4
-5
-200
0
200
400
600
800
1000
1200
1400

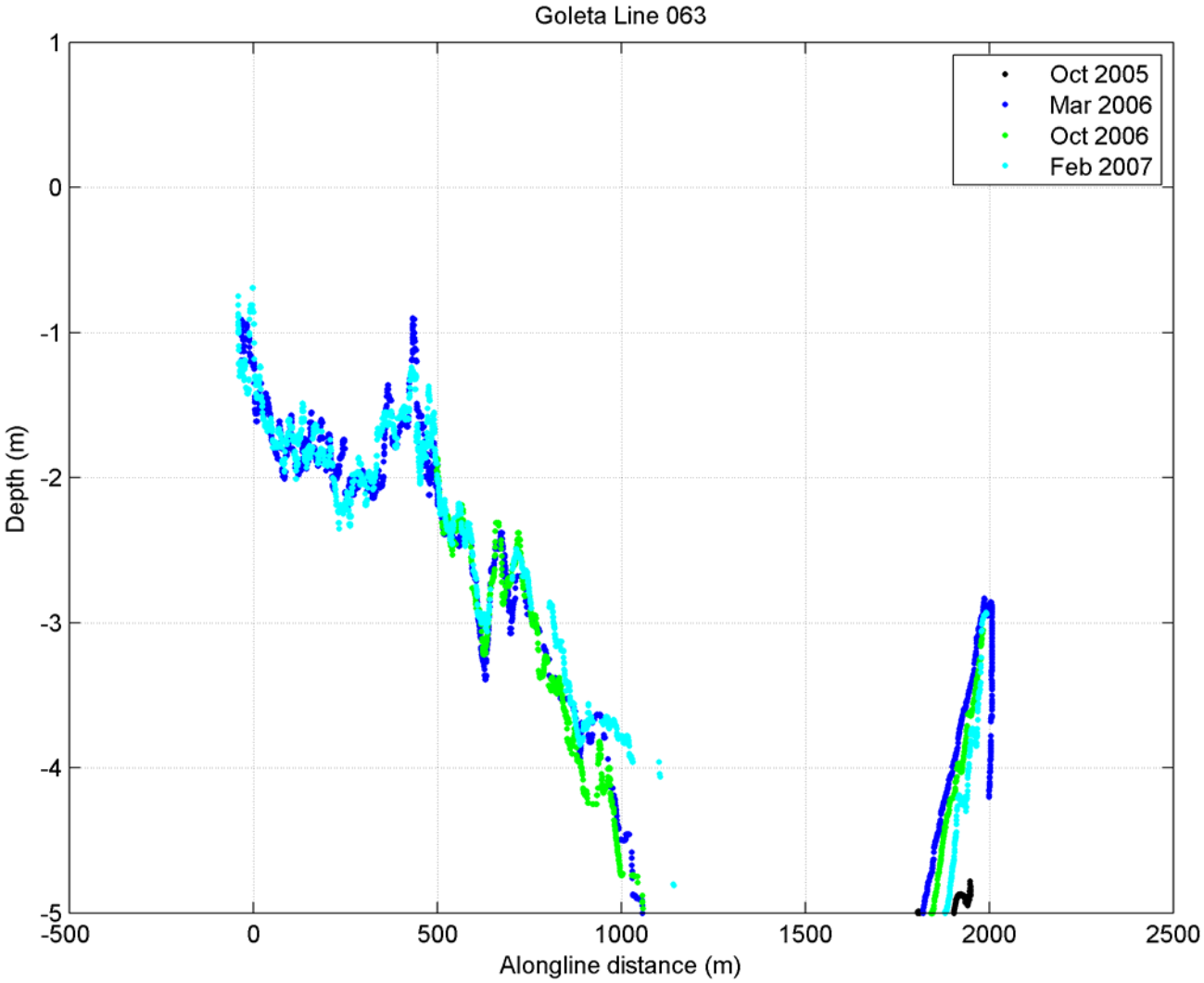

Goleta Line 058
Feb 2007
Oct 2007
Depth (m)
Alongline distance (m)
1
0
-1
-2
-3
-4
-5
250
300
350
400
450
500
550
600
650
700
750

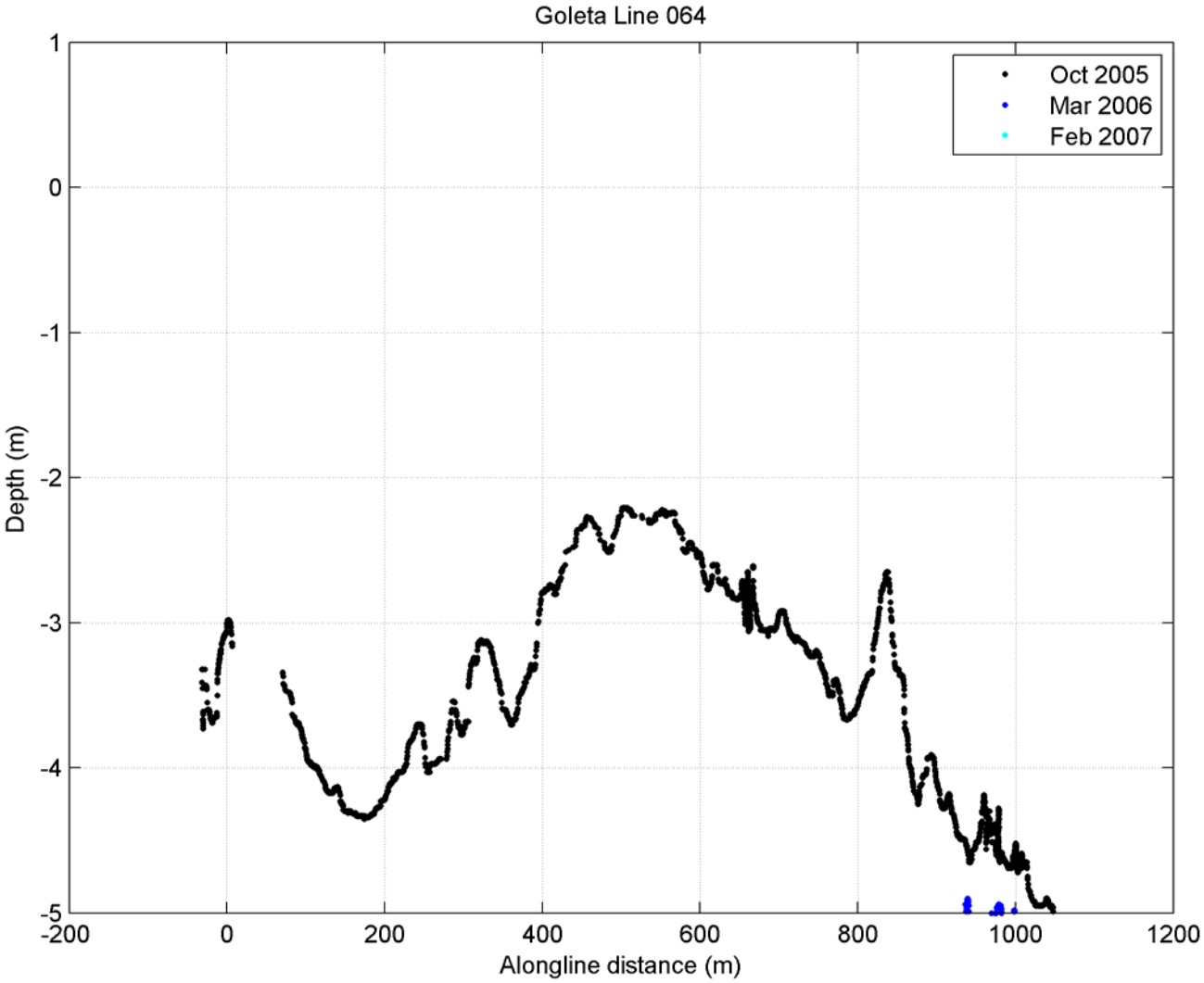

Goleta Line 059
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Depth (m)
Alongline distance (m)
1
0
-1
-2
-3
-4
-5
-500
0
500
1000
1500
2000

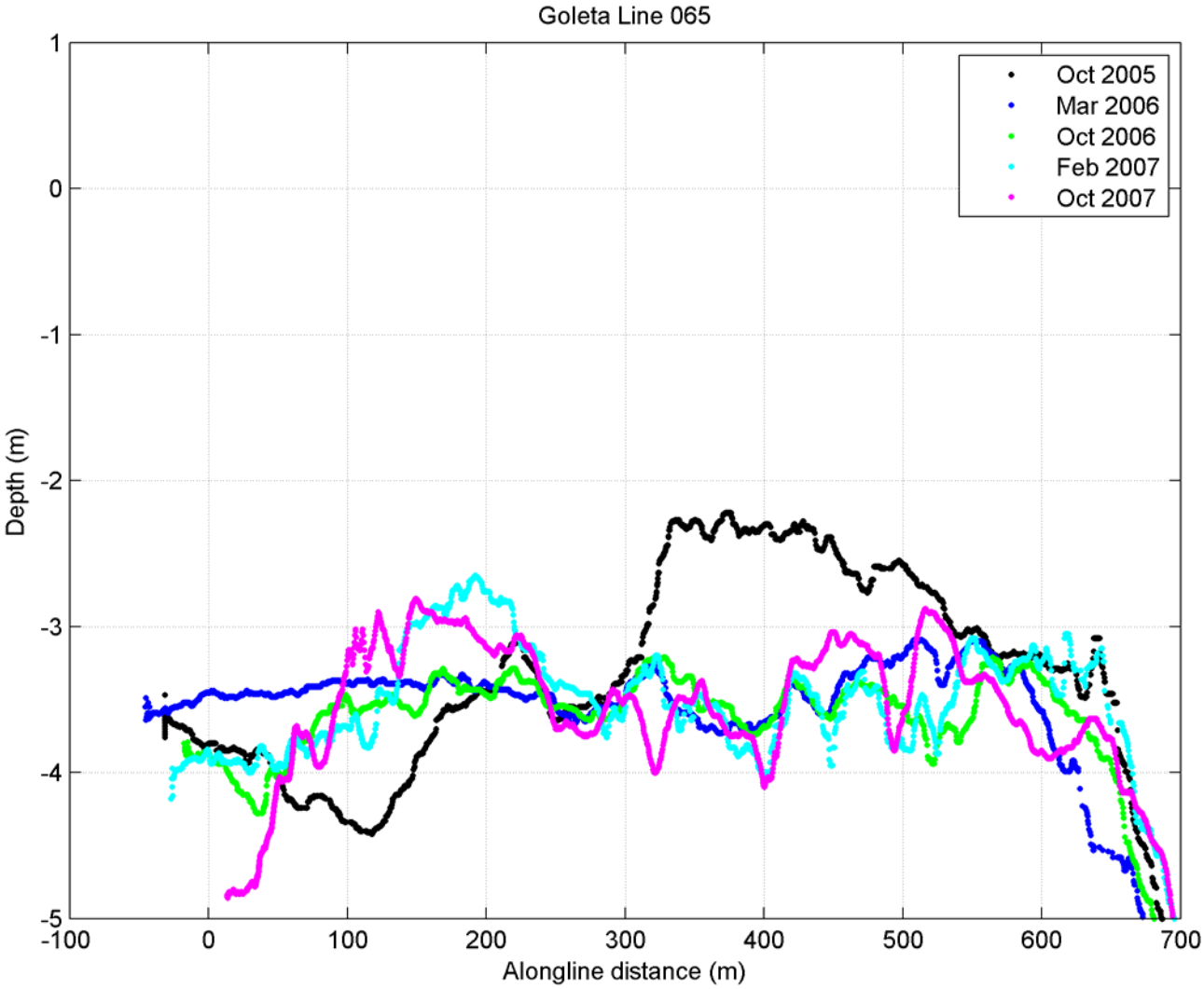

Goleta Line 060
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Depth (m)
Alongline distance (m)
1
0
-1
-2
-3
-4
-5
-500
0
500
1000
1500
2000

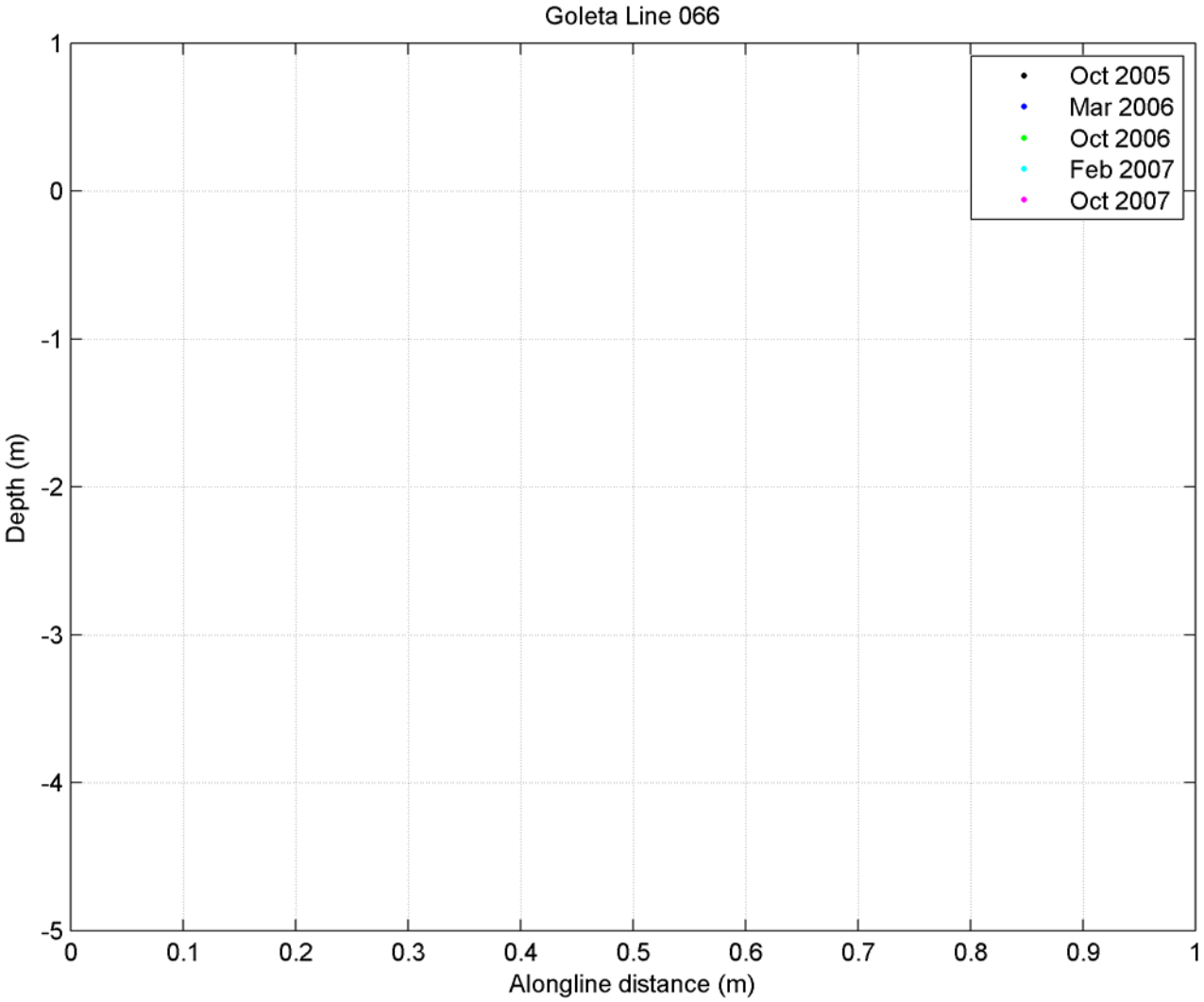

Goleta Line 061
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Depth (m)
Alongline distance (m)
1
0
-1
-2
-3
-4
-5
0
100
200
300
400
500
600
700
800
900
1000

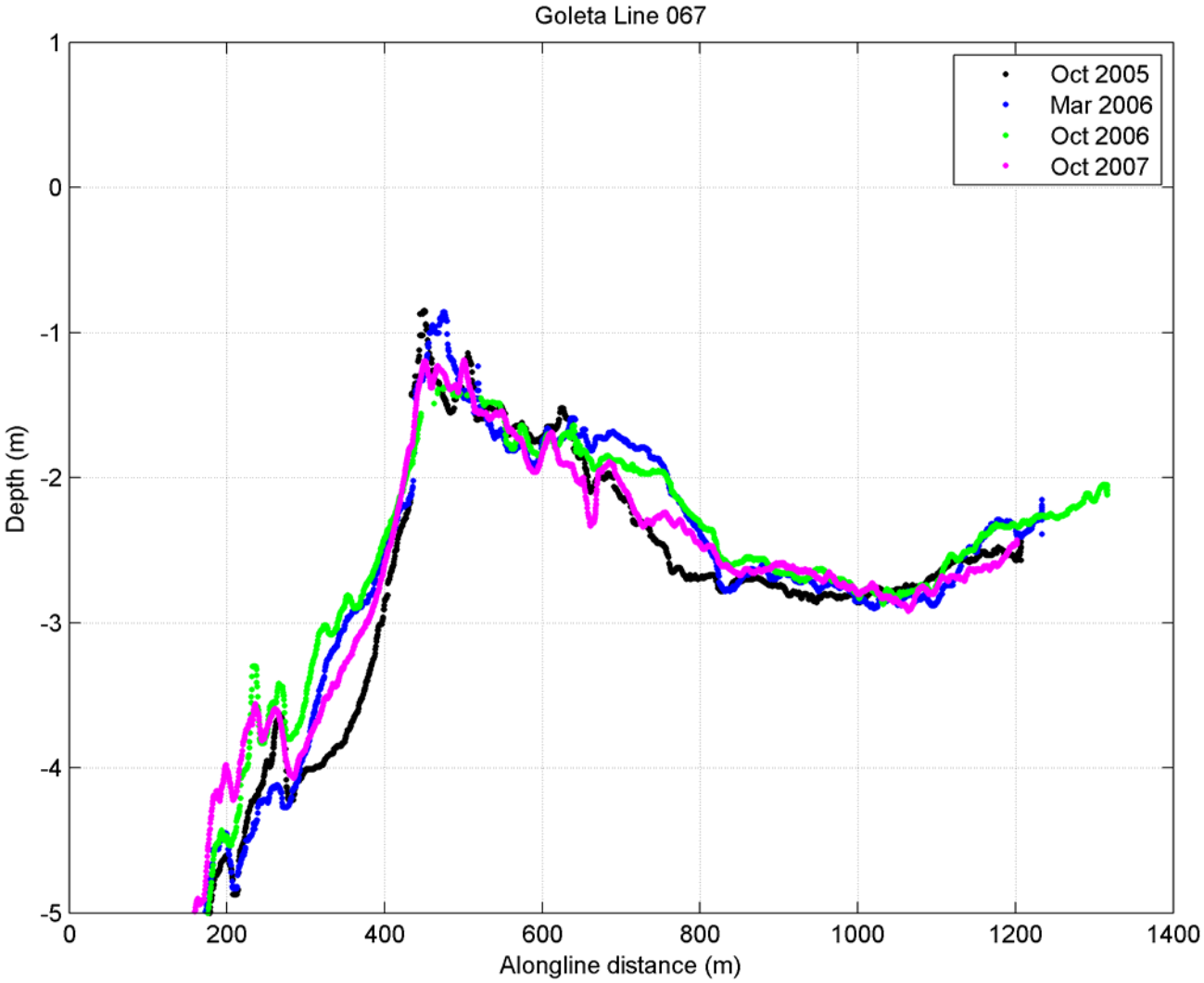

Goleta Line 062
Oct 2005
Mar 2006
Feb 2007
Oct 2007
Depth (m)
Alongline distance (m)
1
0
-1
-2
-3
-4
-5
0
200
400
600
800
1000
1200

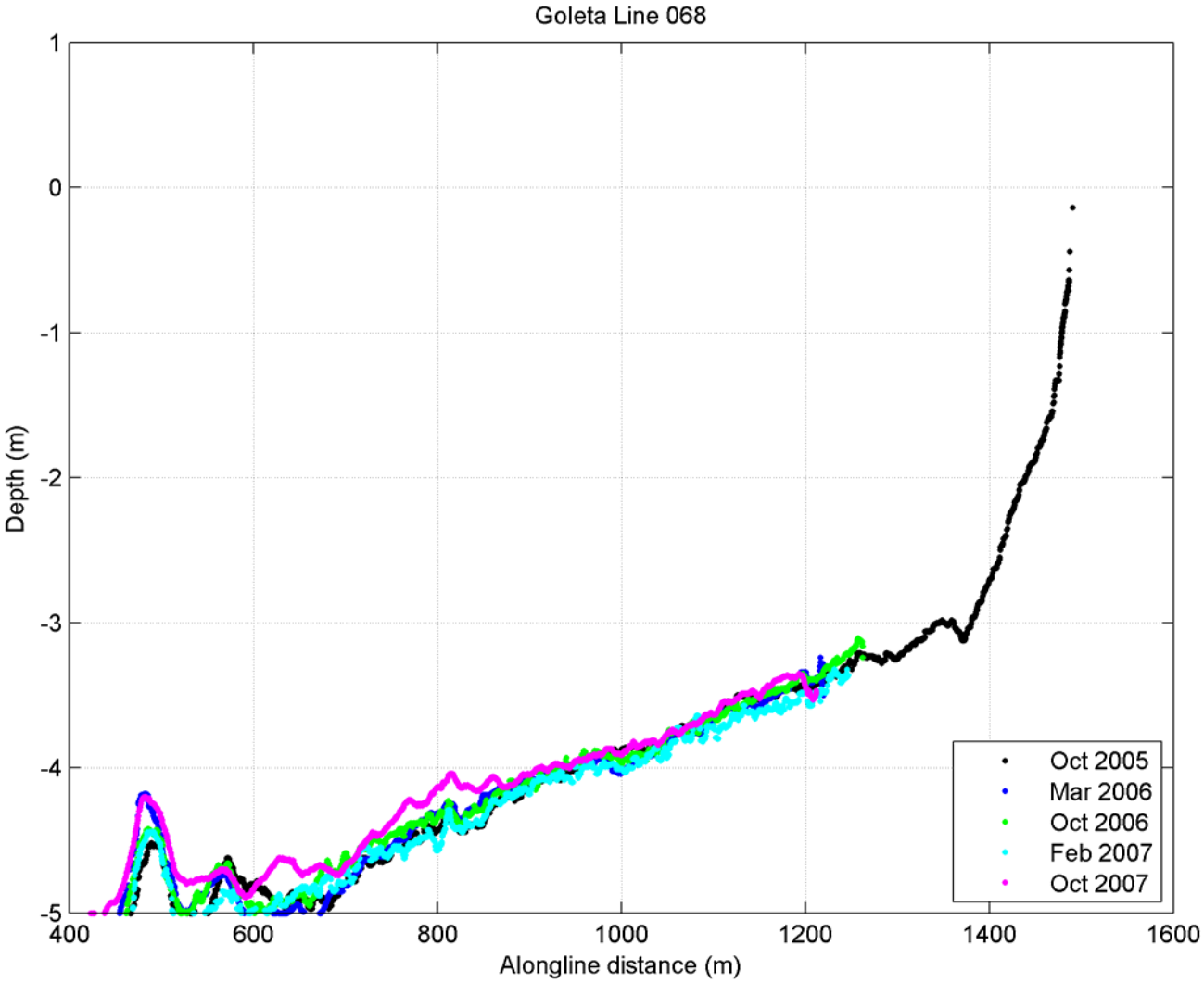

Goleta Line 063
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Depth (m)
Alongline distance (m)
1
0
-1
-2
-3
-4
-5
-500
0
500
1000
1500
2000
2500

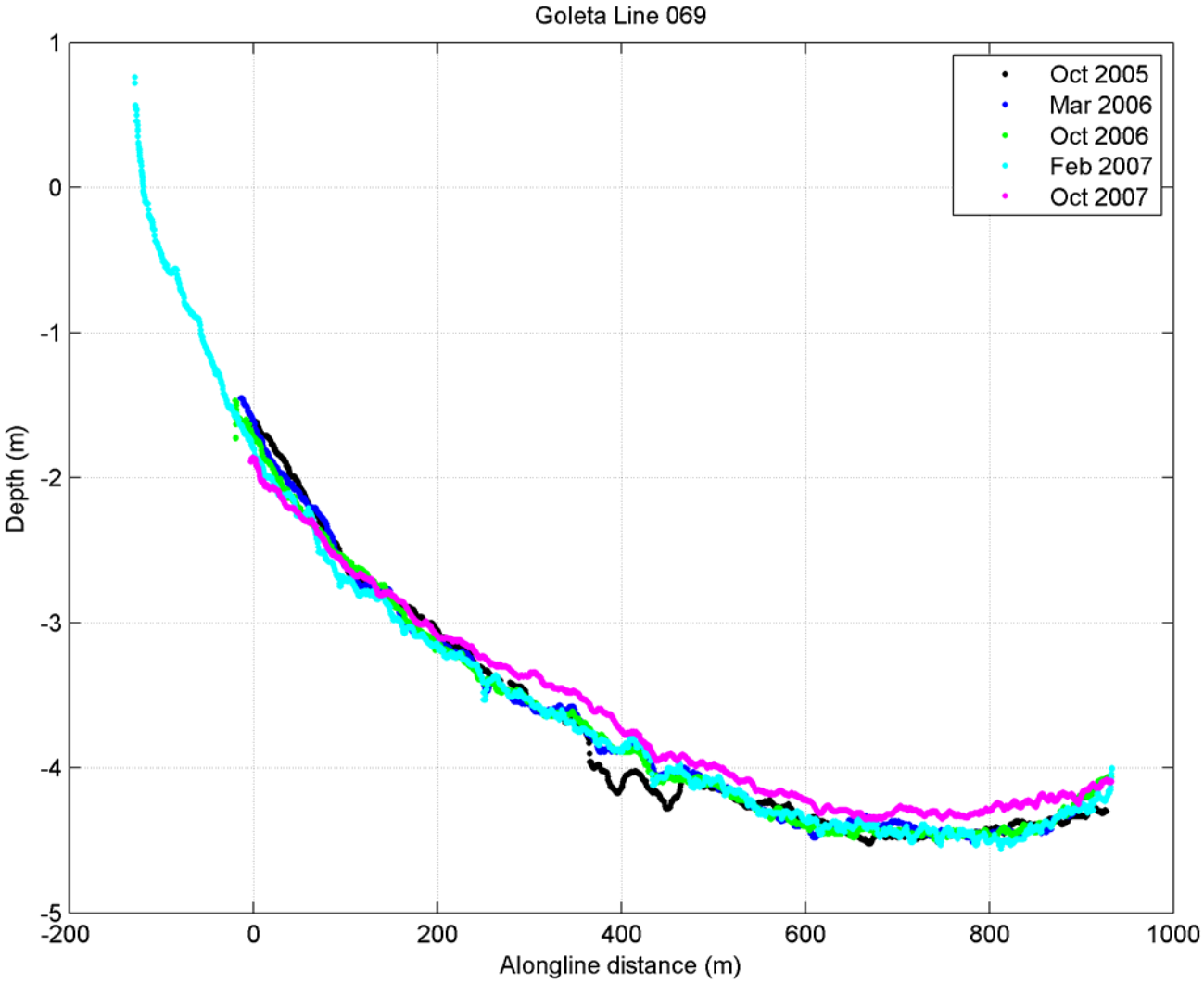

Goleta Line 064
Oct 2005
Mar 2006
Feb 2007
Depth (m)
Alongline distance (m)
1
0
-1
-2
-3
-4
-5
-200
0
200
400
600
800
1000
1200

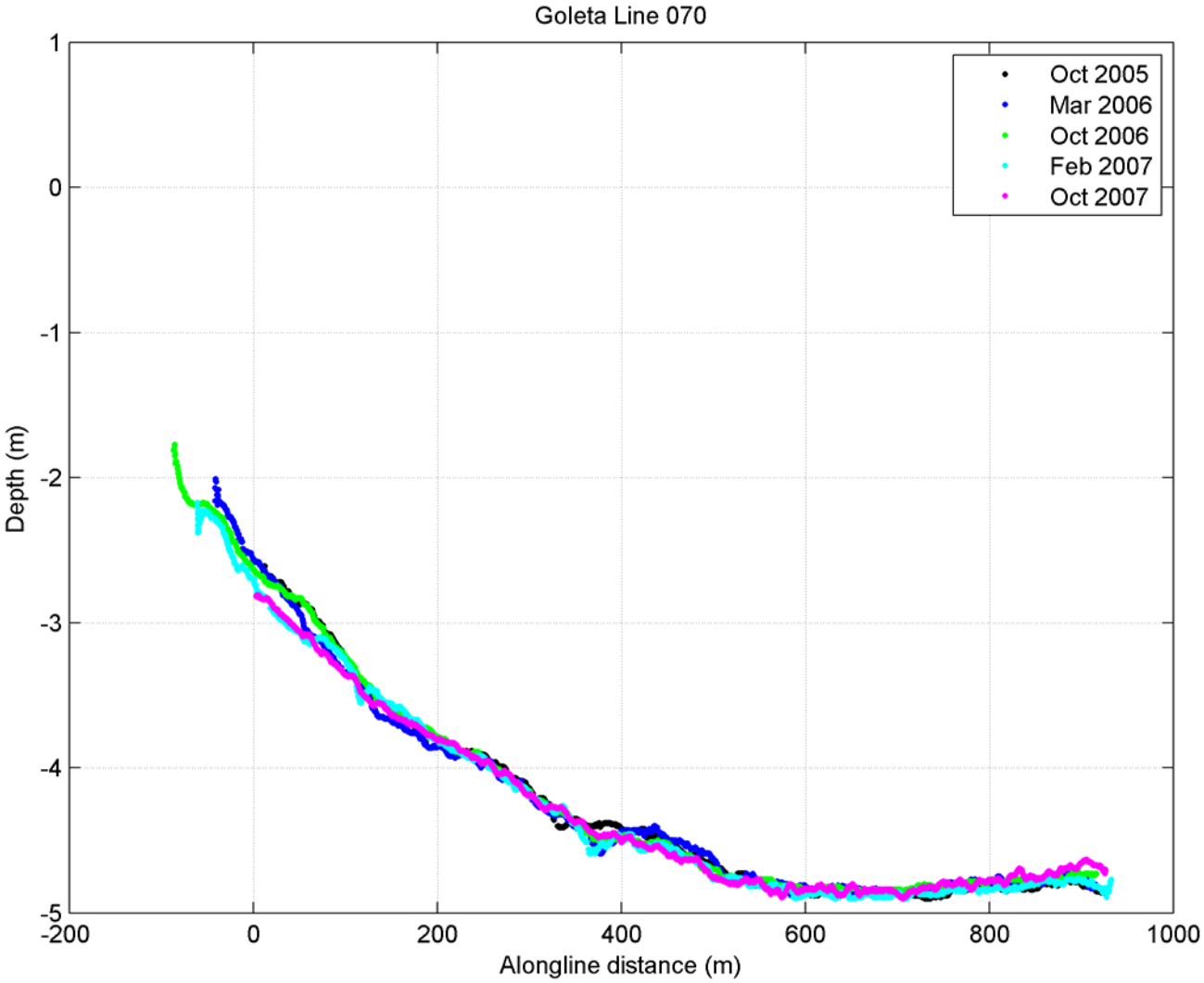

Goleta Line 065
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Depth (m)
Alongline distance (m)
1
0
-1
-2
-3
-4
-5
-100
0
100
200
300
400
500
600
700

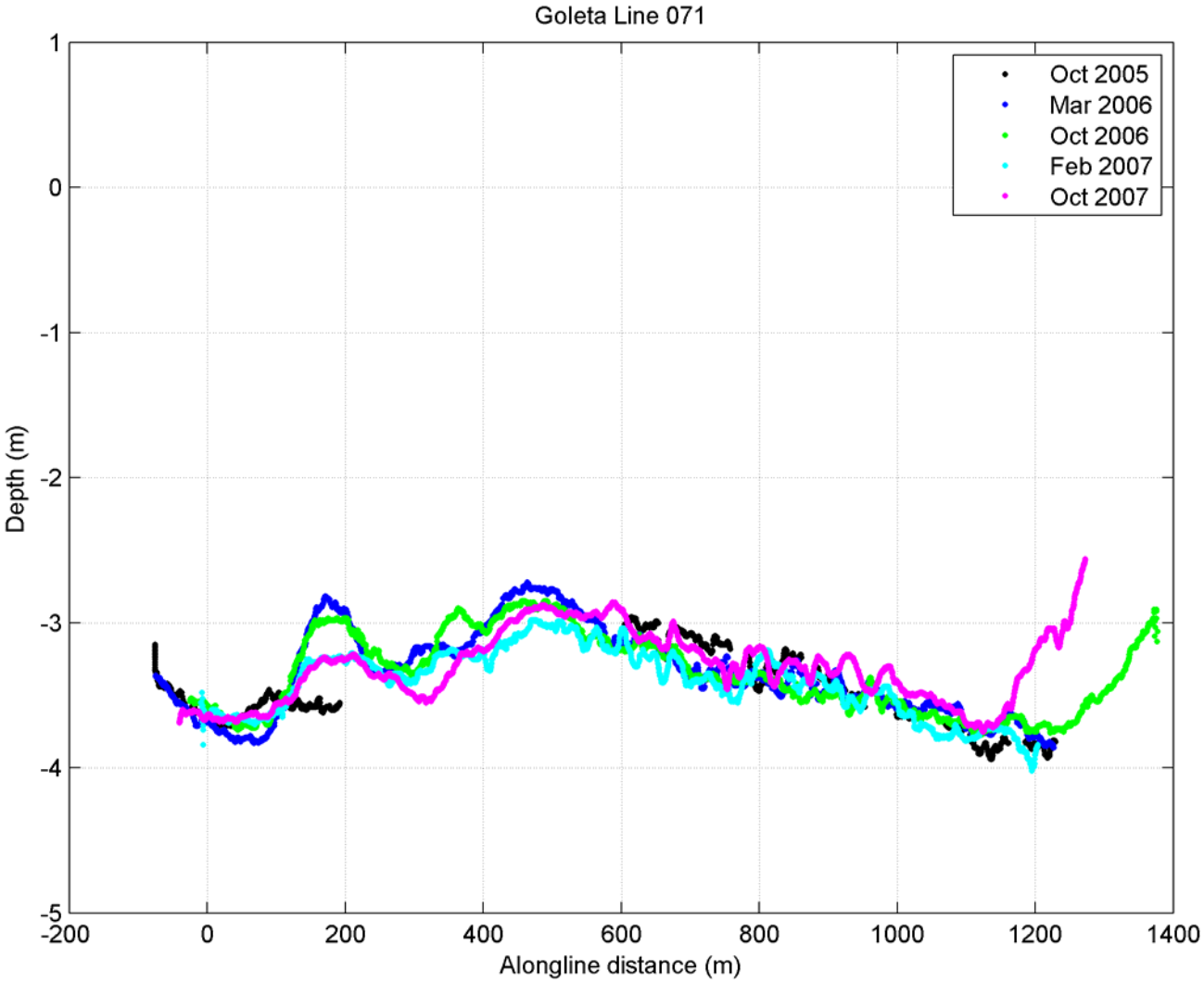

Goleta Line 066
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Depth (m)
Alongline distance (m)
1
0
-1
-2
-3
-4
-5
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1

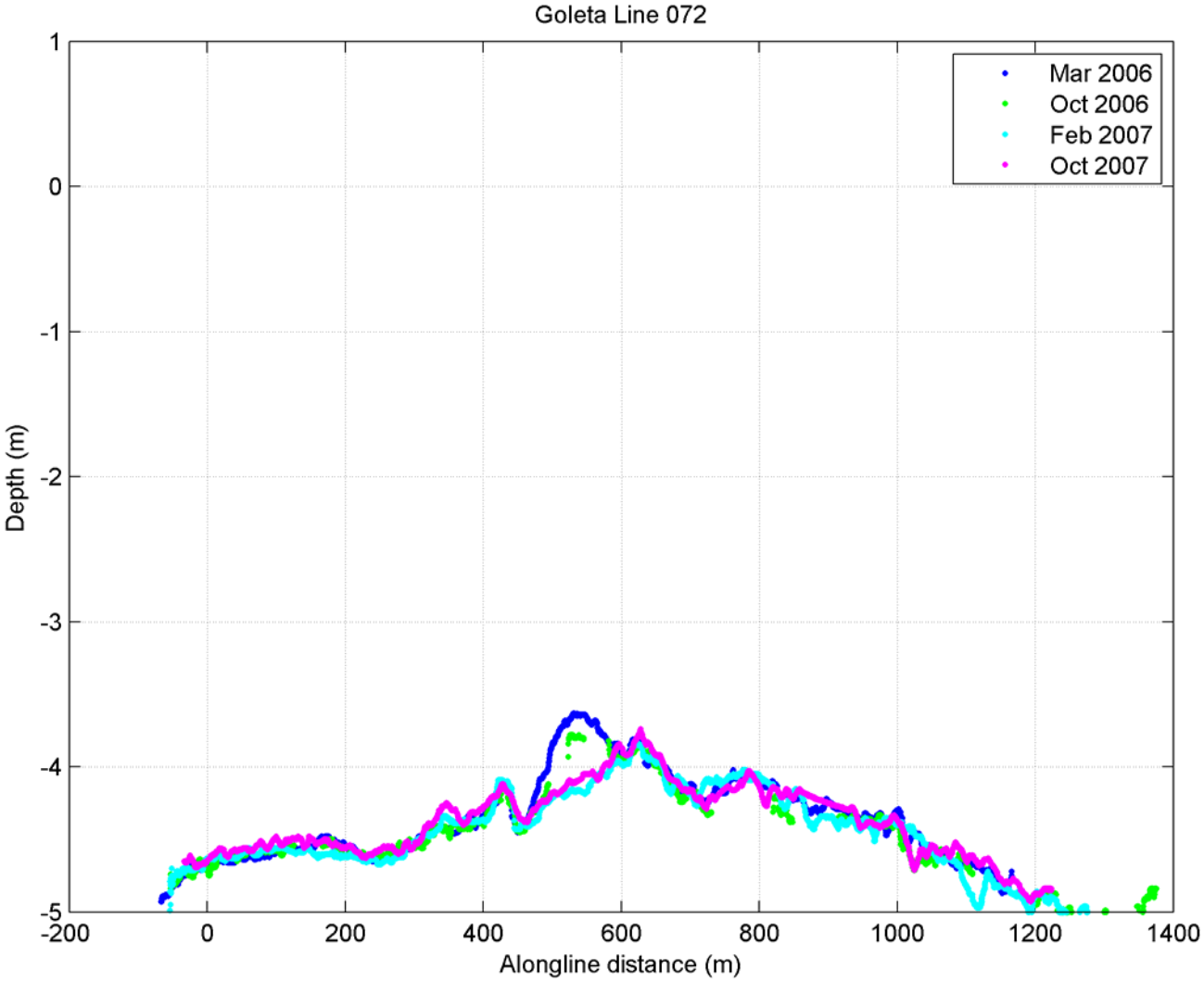

Goleta Line 067
Oct 2005
Mar 2006
Oct 2006
Oct 2007
Depth (m)
Alongline distance (m)
1
0
-1
-2
-3
-4
-5
0
200
400
600
800
1000
1200
1400

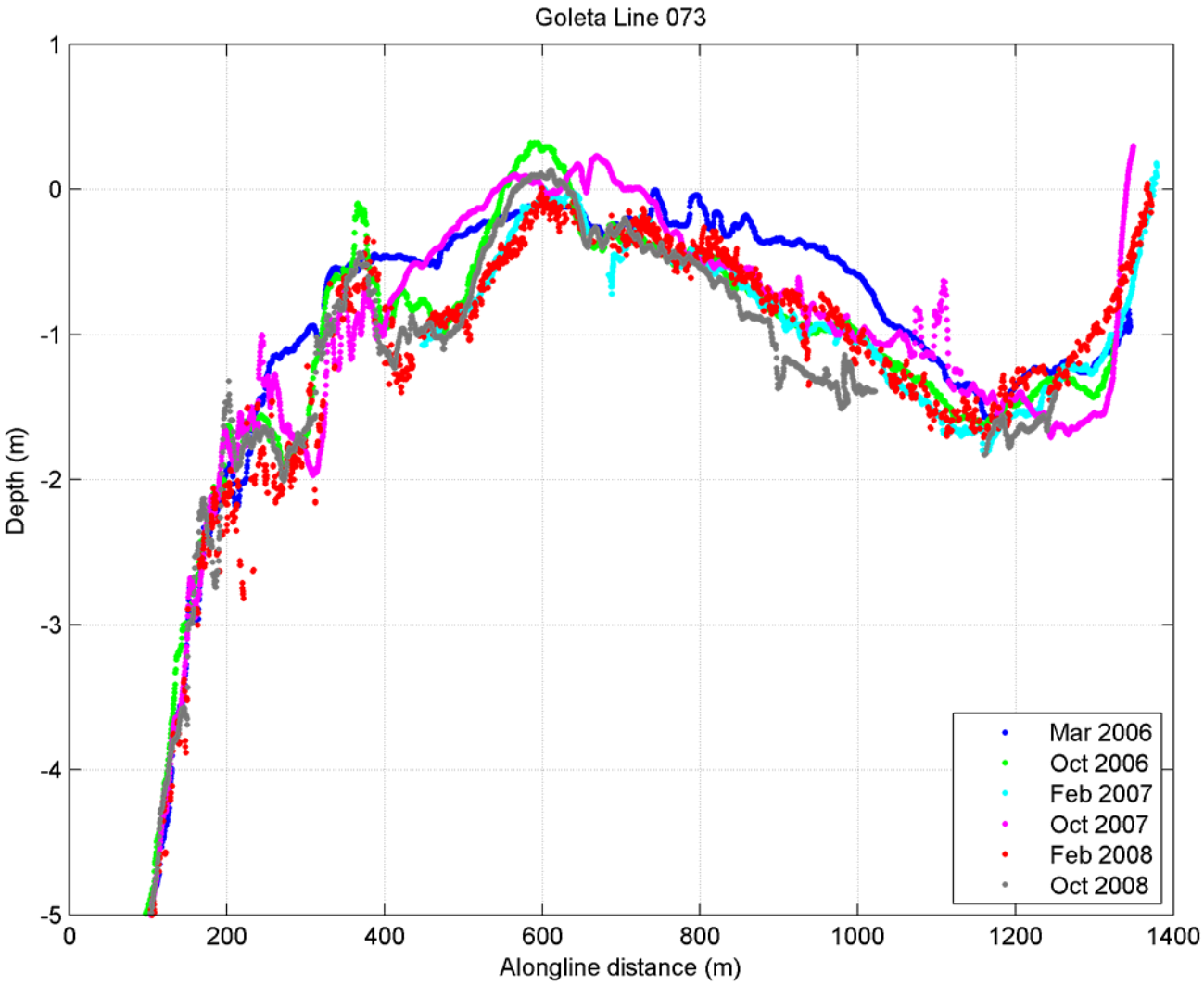

Goleta Line 068
Depth (m)
Alongline distance (m)
1
0
-1
-2
-3
-4
-5
400
600
800
1000
1200
1400
1600
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007


Goleta Line 069
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Depth (m)
Alongline distance (m)
1
0
-1
-2
-3
-4
-5
-200
0
200
400
600
800
1000


Goleta Line 070
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Depth (m)
Alongline distance (m)
1
0
-1
-2
-3
-4
-5
-200
0
200
400
600
800
1000


Goleta Line 071
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Depth (m)
Alongline distance (m)
1
0
-1
-2
-3
-4
-5
-200
0
200
400
600
800
1000
1200
1400


Goleta Line 072
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Depth (m)
Alongline distance (m)
1
0
-1
-2
-3
-4
-5
-200
0
200
400
600
800
1000
1200
1400


Goleta Line 073
Depth (m)
Alongline distance (m)
1
0
-1
-2
-3
-4
-5
0
200
400
600
800
1000
1200
1400
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008

Carpinteria

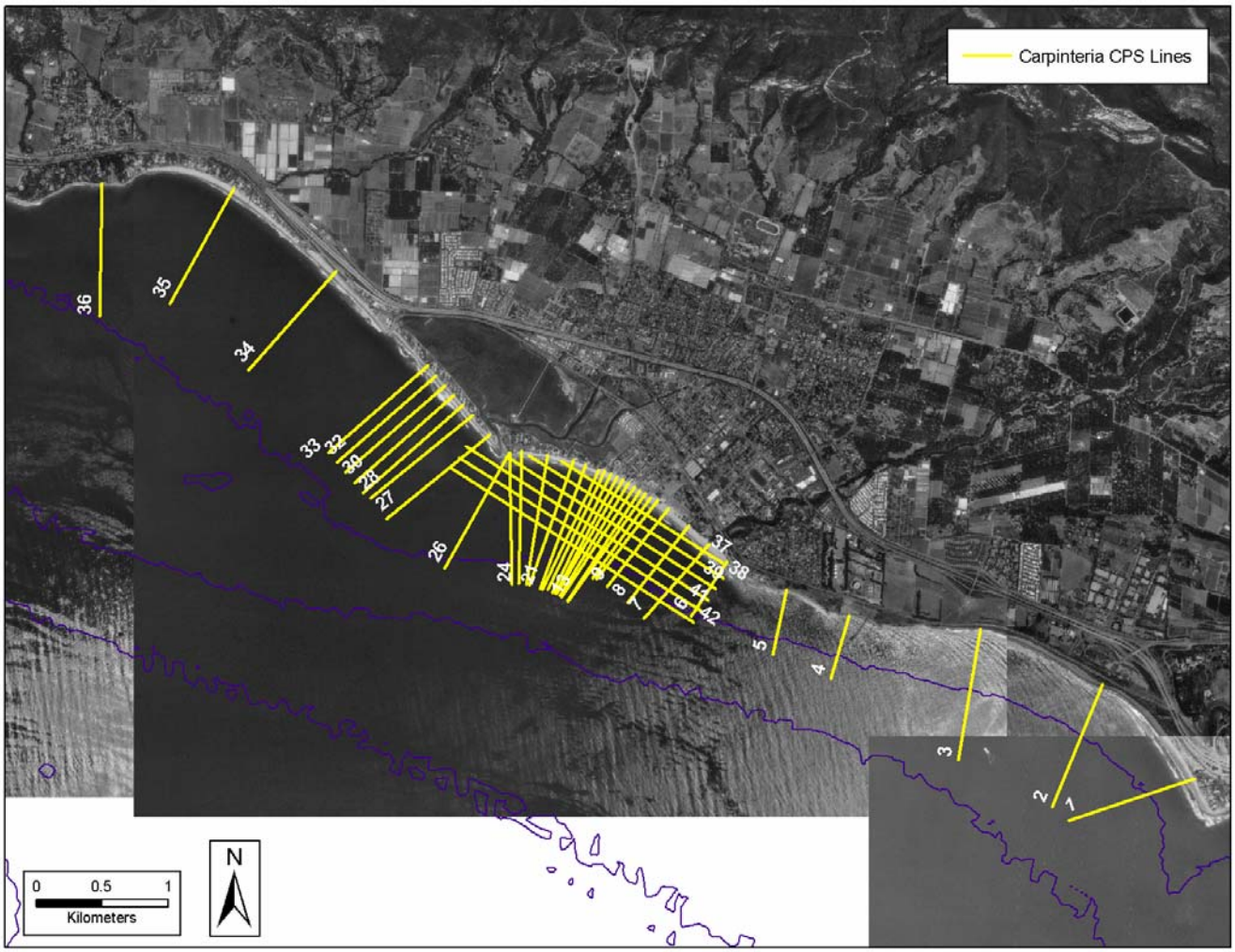


Figure C5. Carpinteria Coastal Profiling System survey line locations.

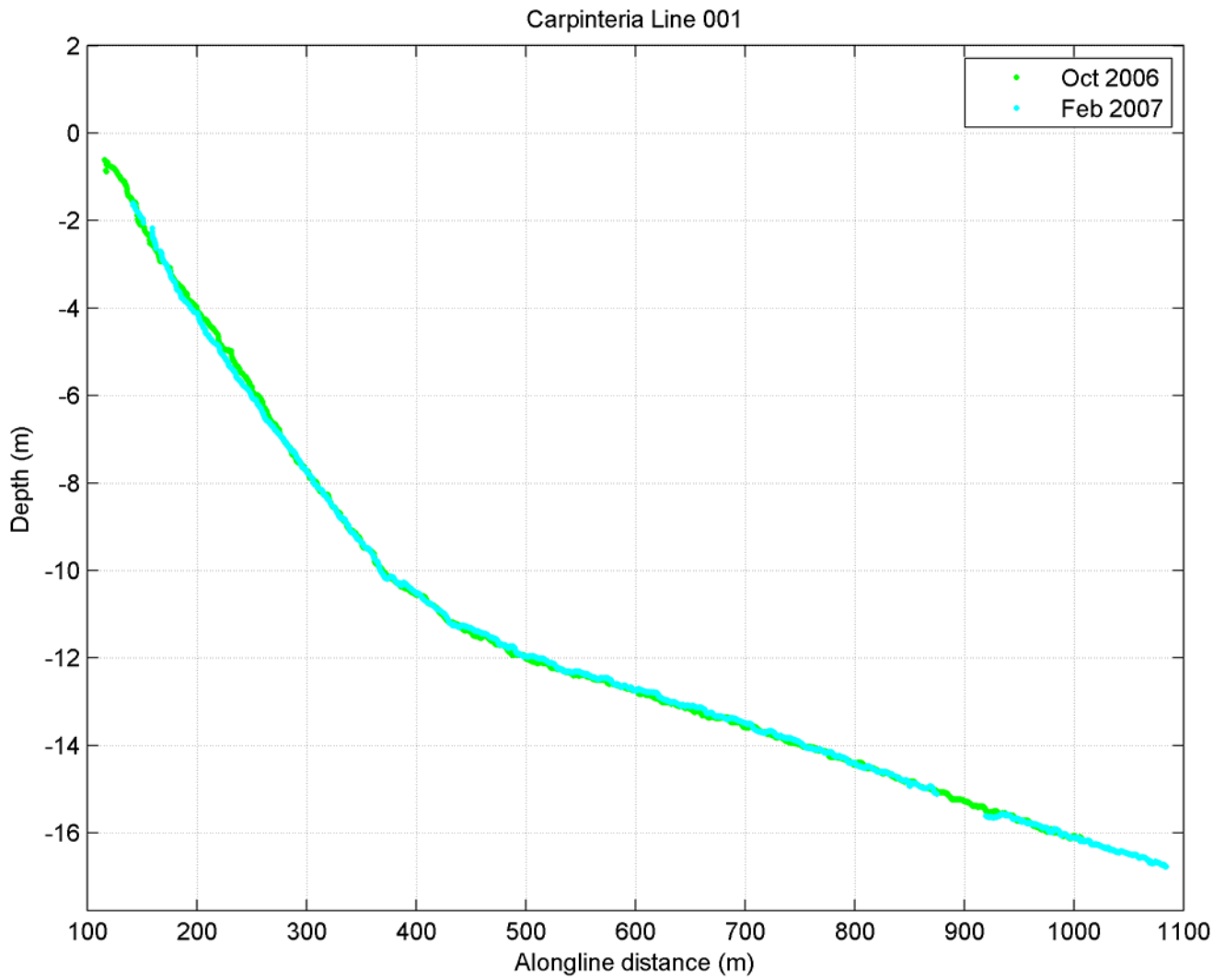
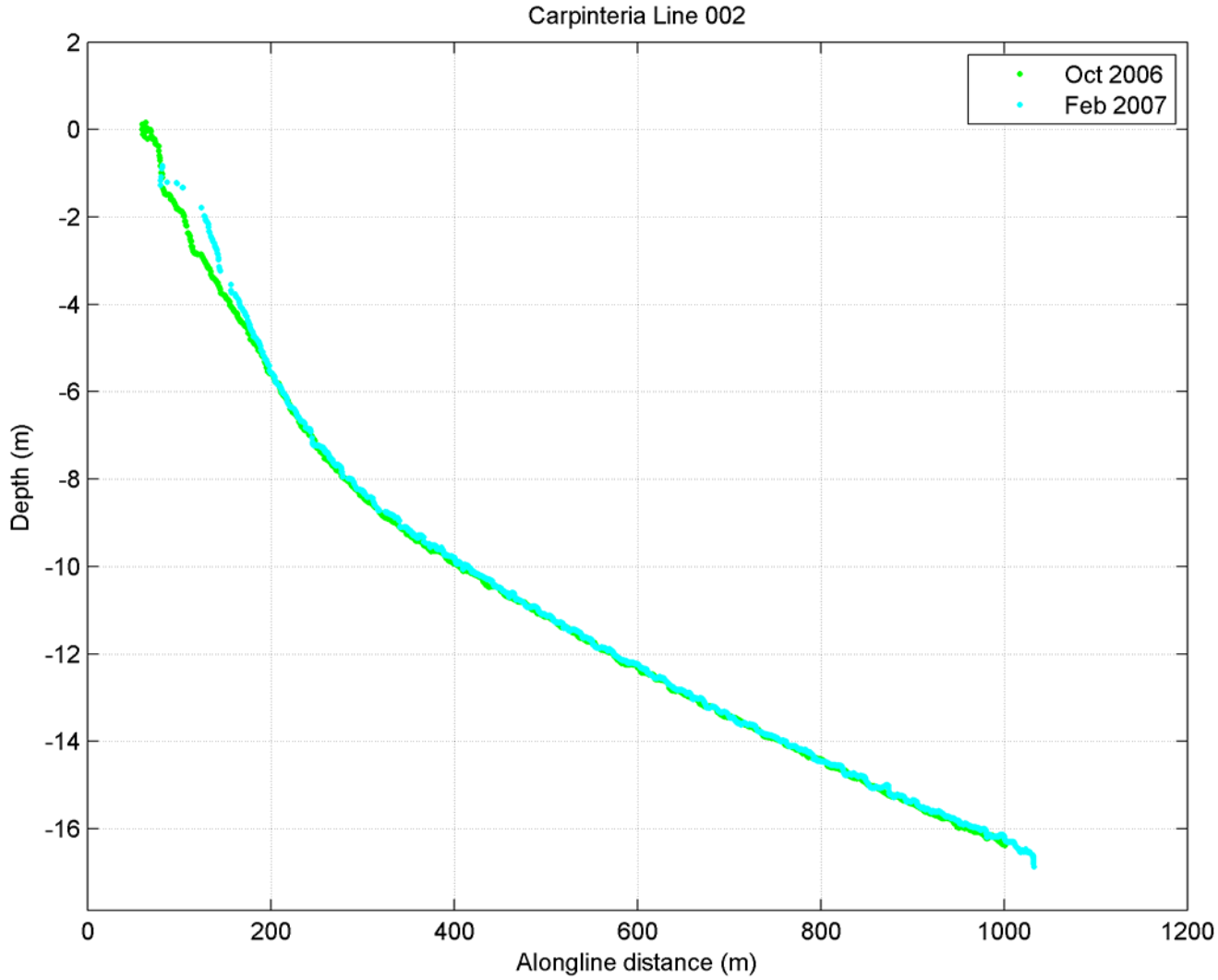
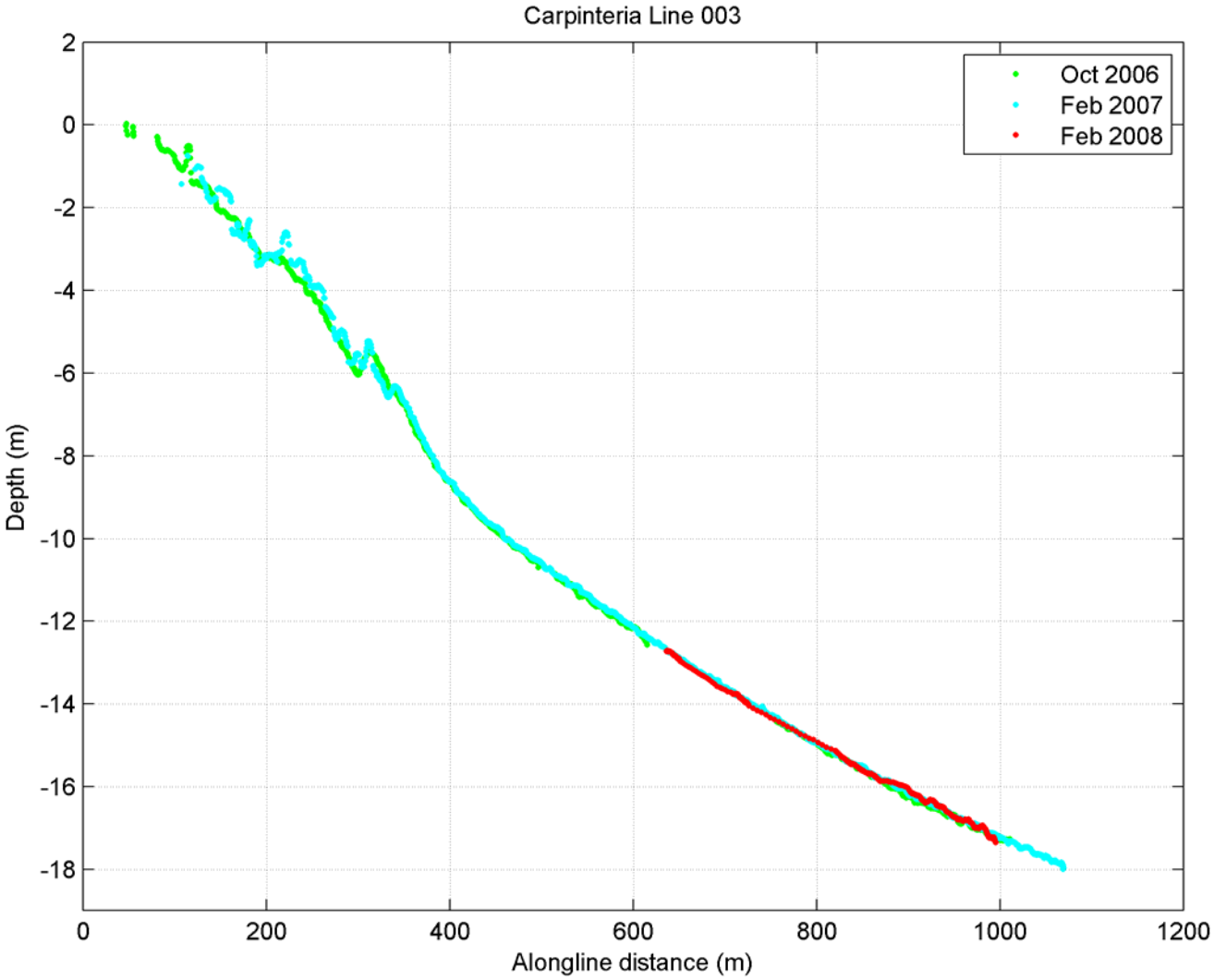
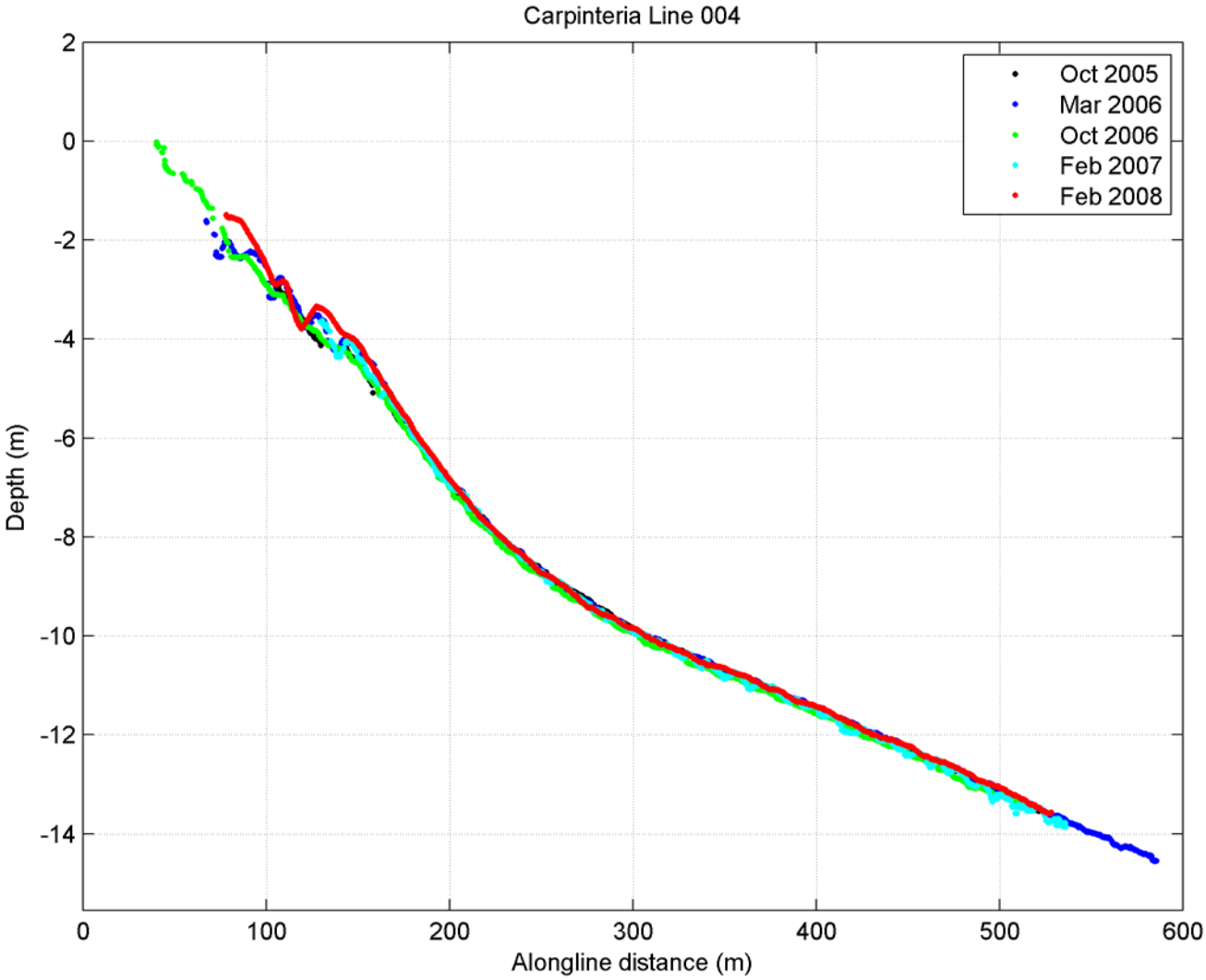
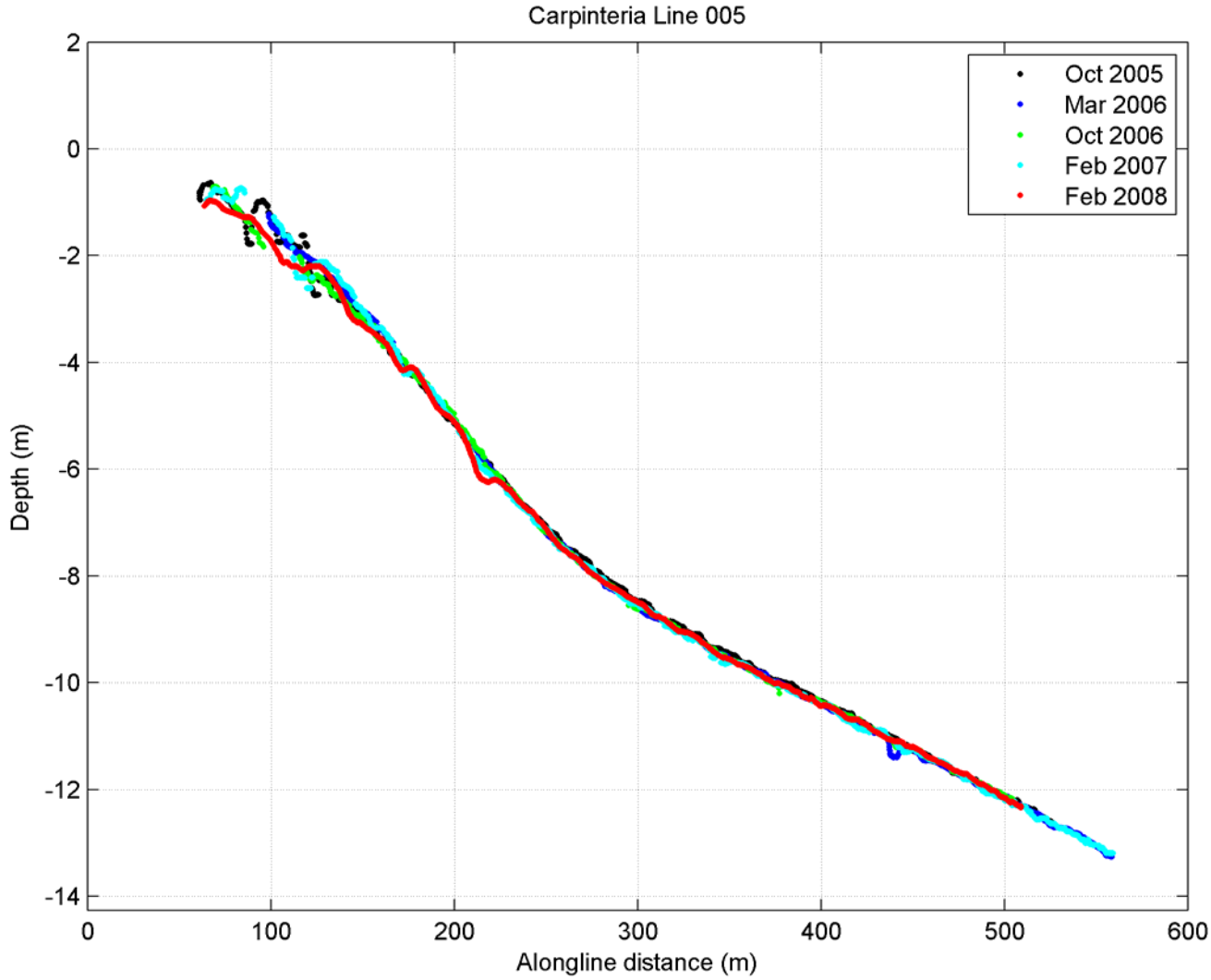


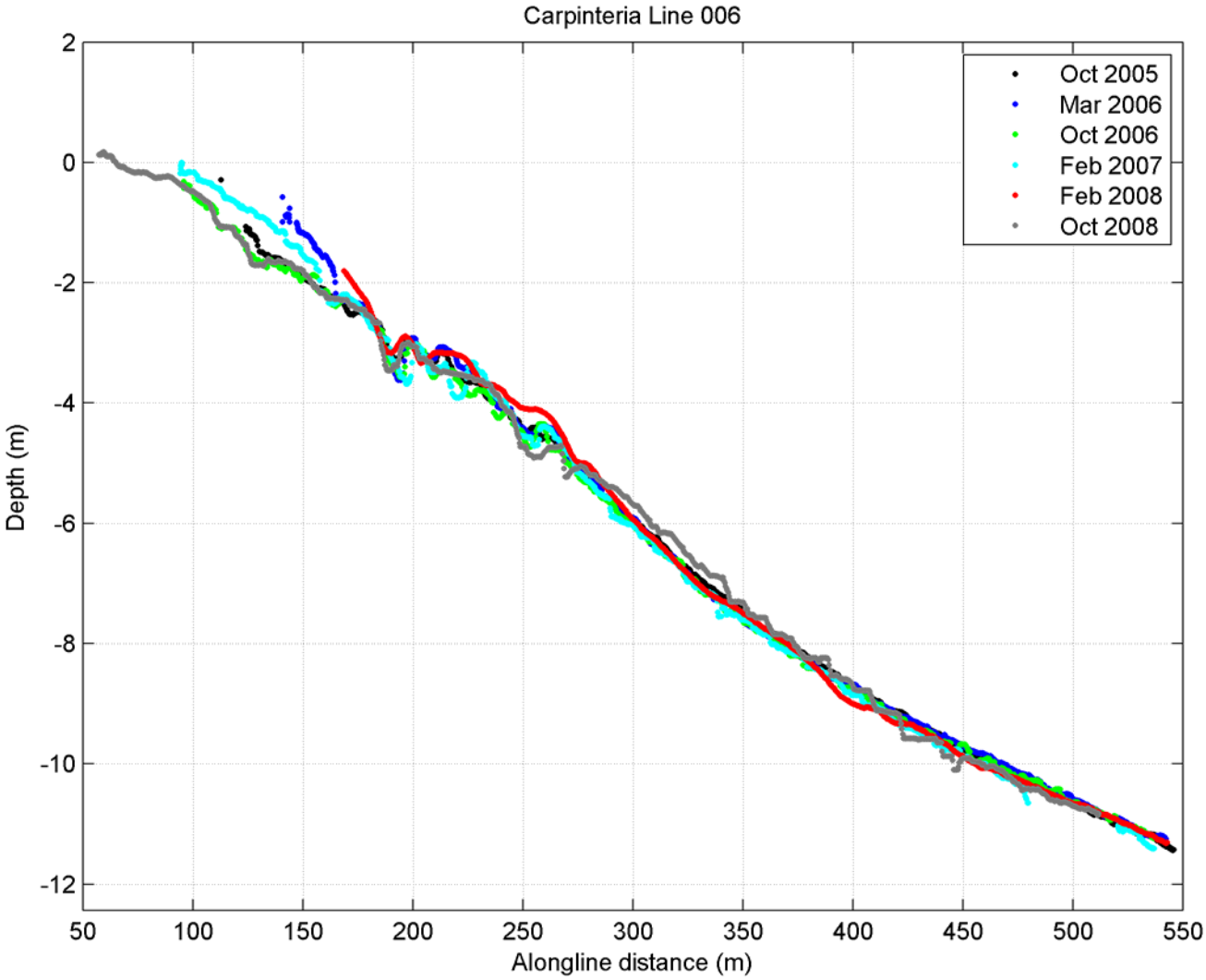
Figure C6. Carpinteria Coastal Profiling System plots, survey lines 1-42.

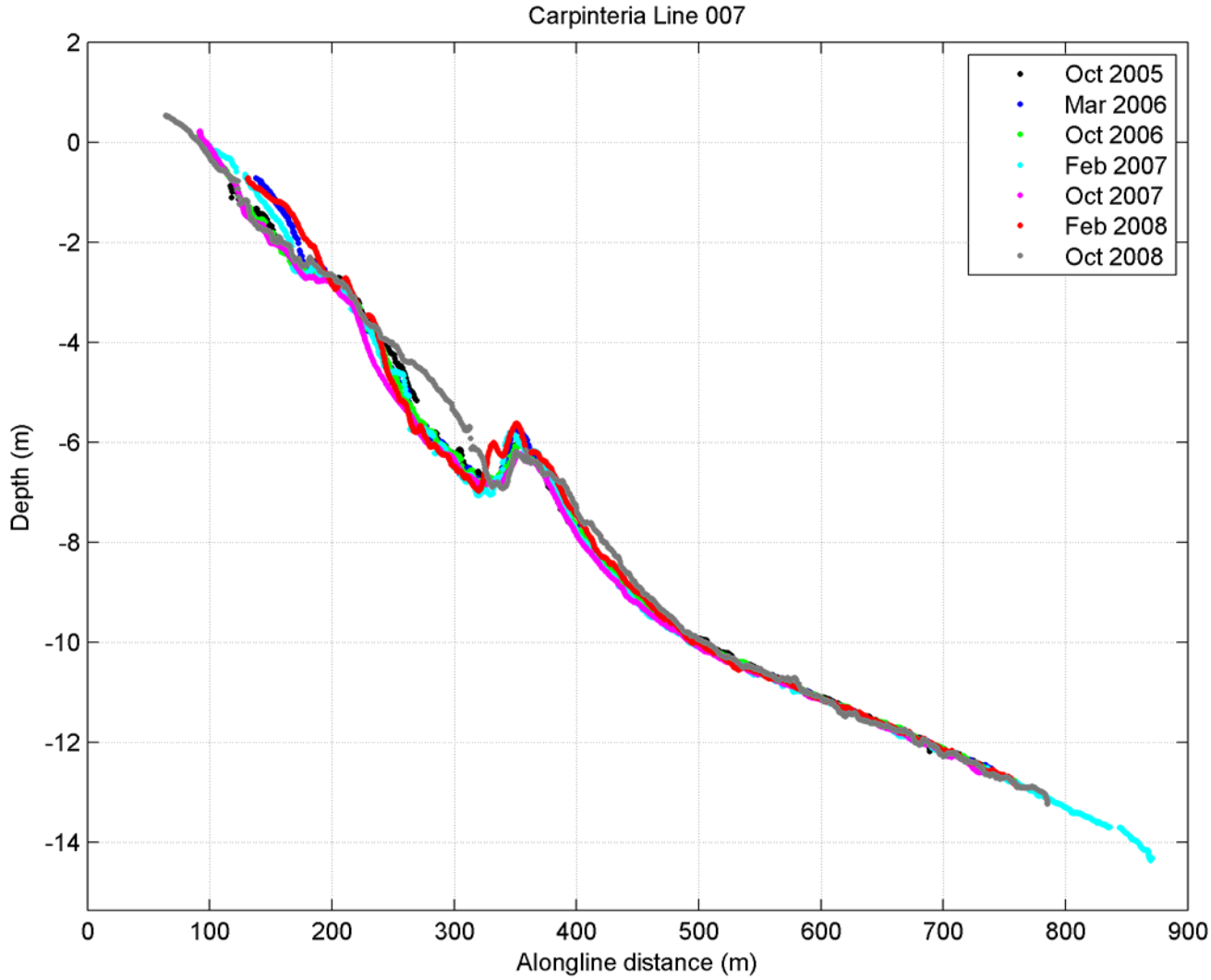

Carpinteria Line 002
Oct 2006
Feb 2007
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
-12
-14
-16
0
200
400
600
800
1000
1200

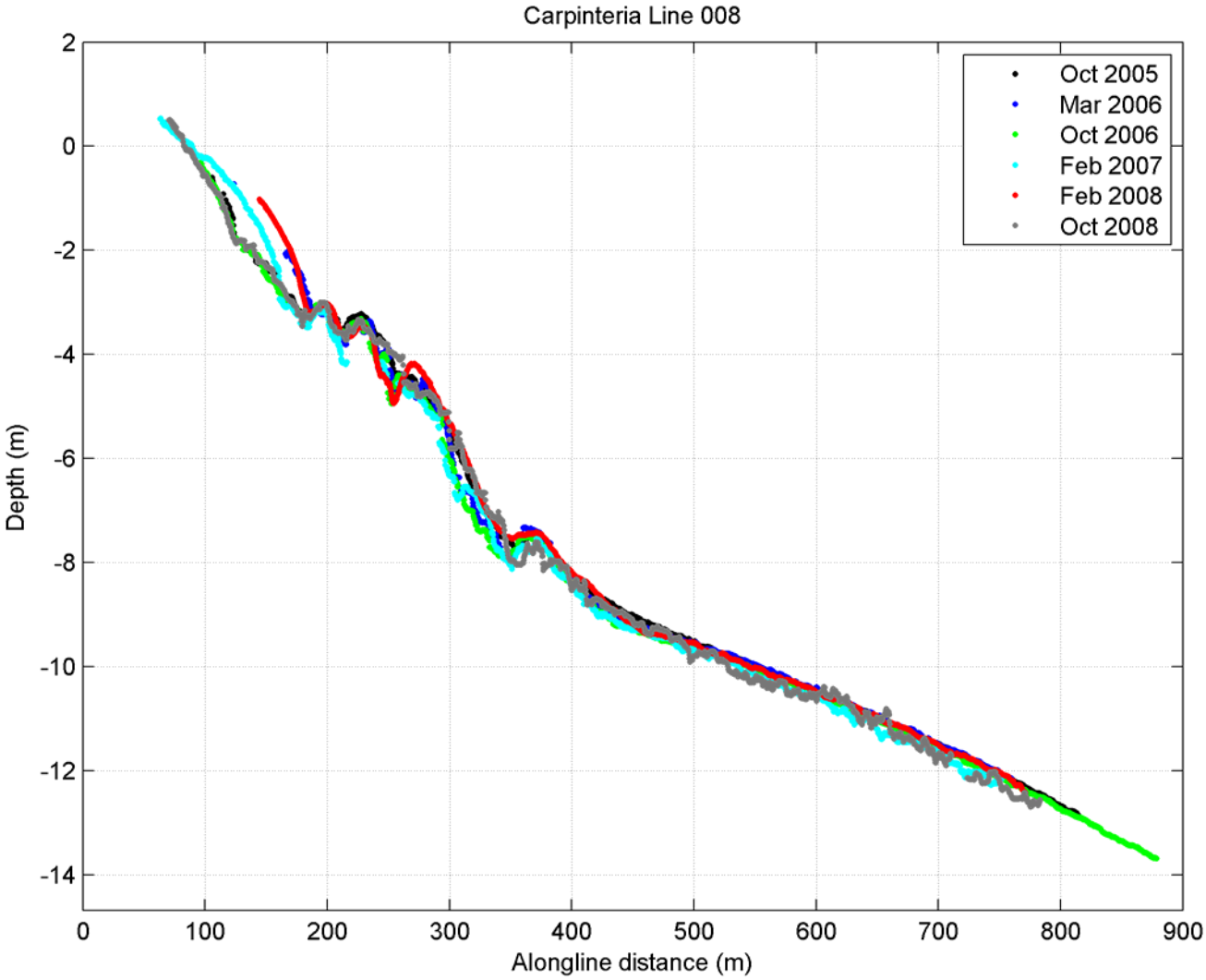

Carpinteria Line 003
Oct 2006
Feb 2007
Feb 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
-12
-14
-16
-18
0
200
400
600
800
1000
1200

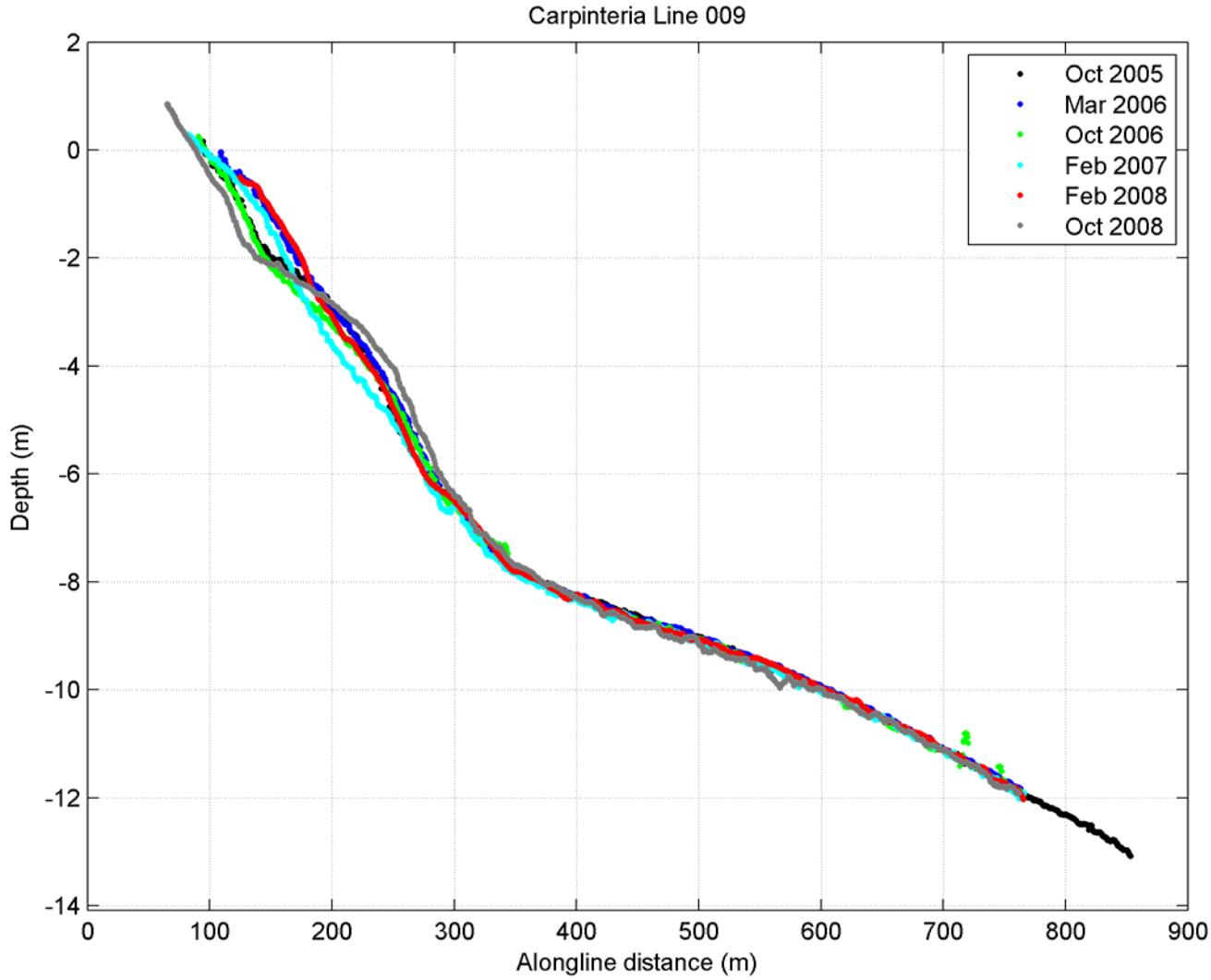

Carpinteria Line 004
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Feb 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
-12
-14
0
100
200
300
400
500
600

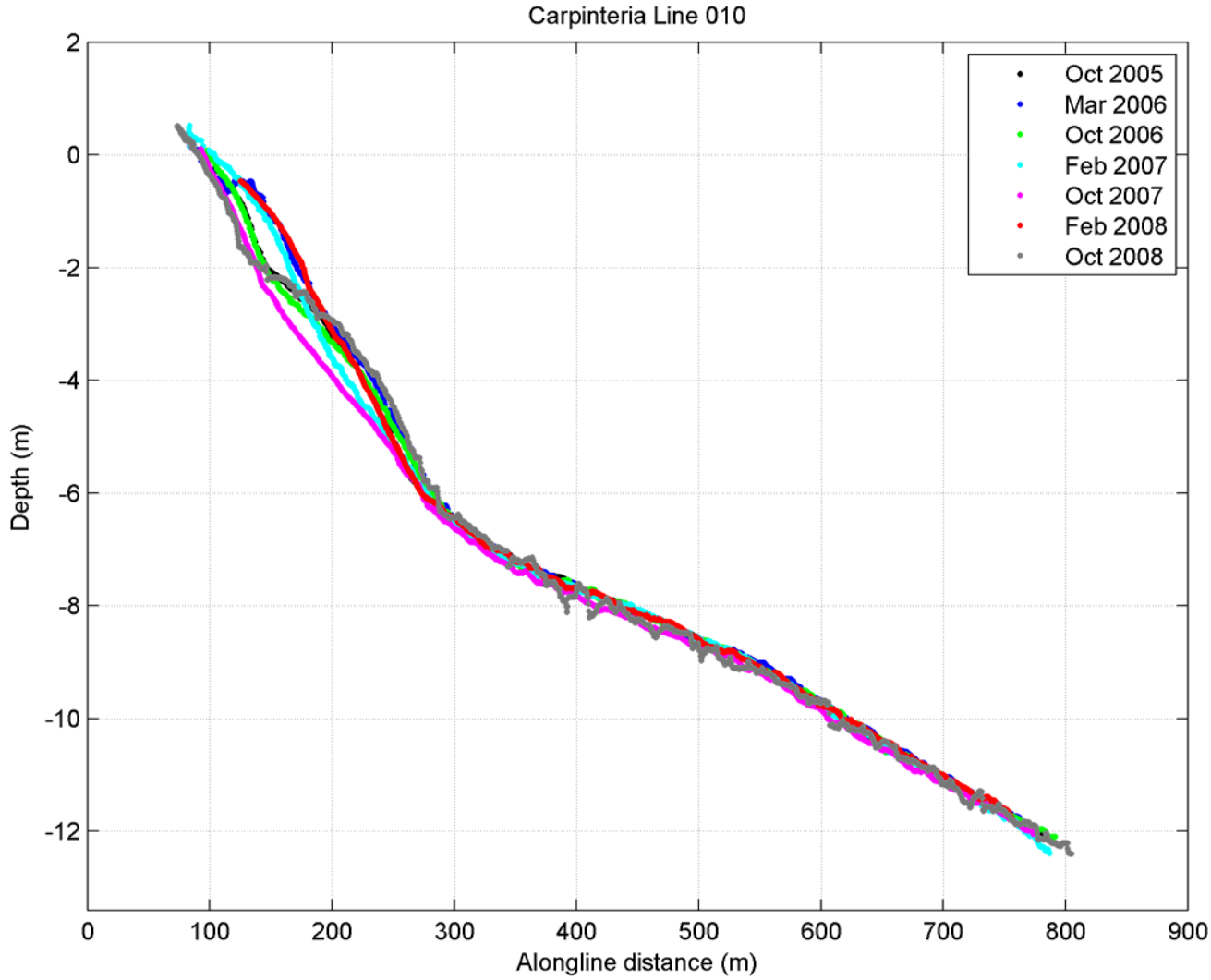

Carpinteria Line 005
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Feb 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
-12
-14
0
100
200
300
400
500
600

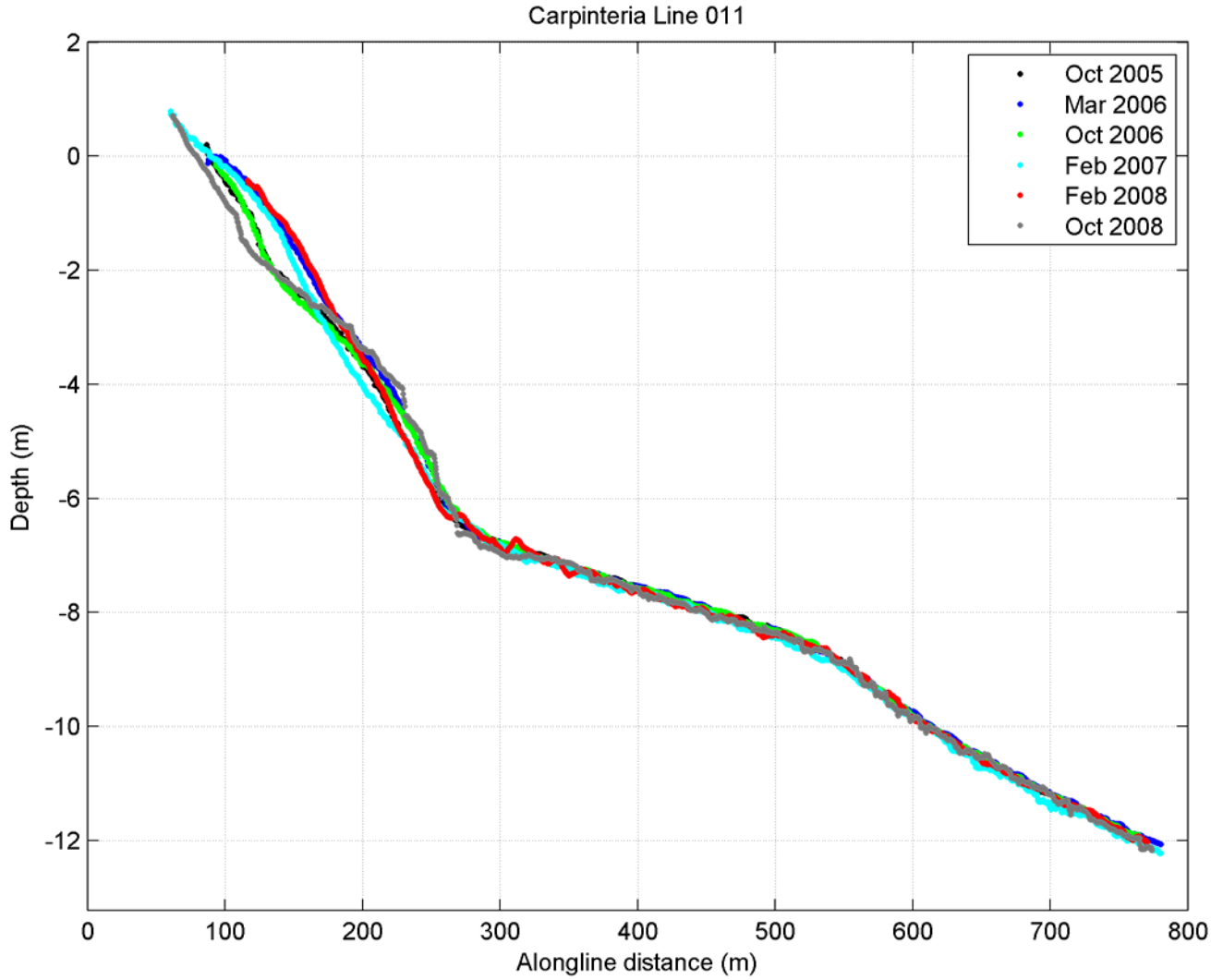

Carpinteria Line 006
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
-12
50
100
150
200
250
300
350
400
450
500
550

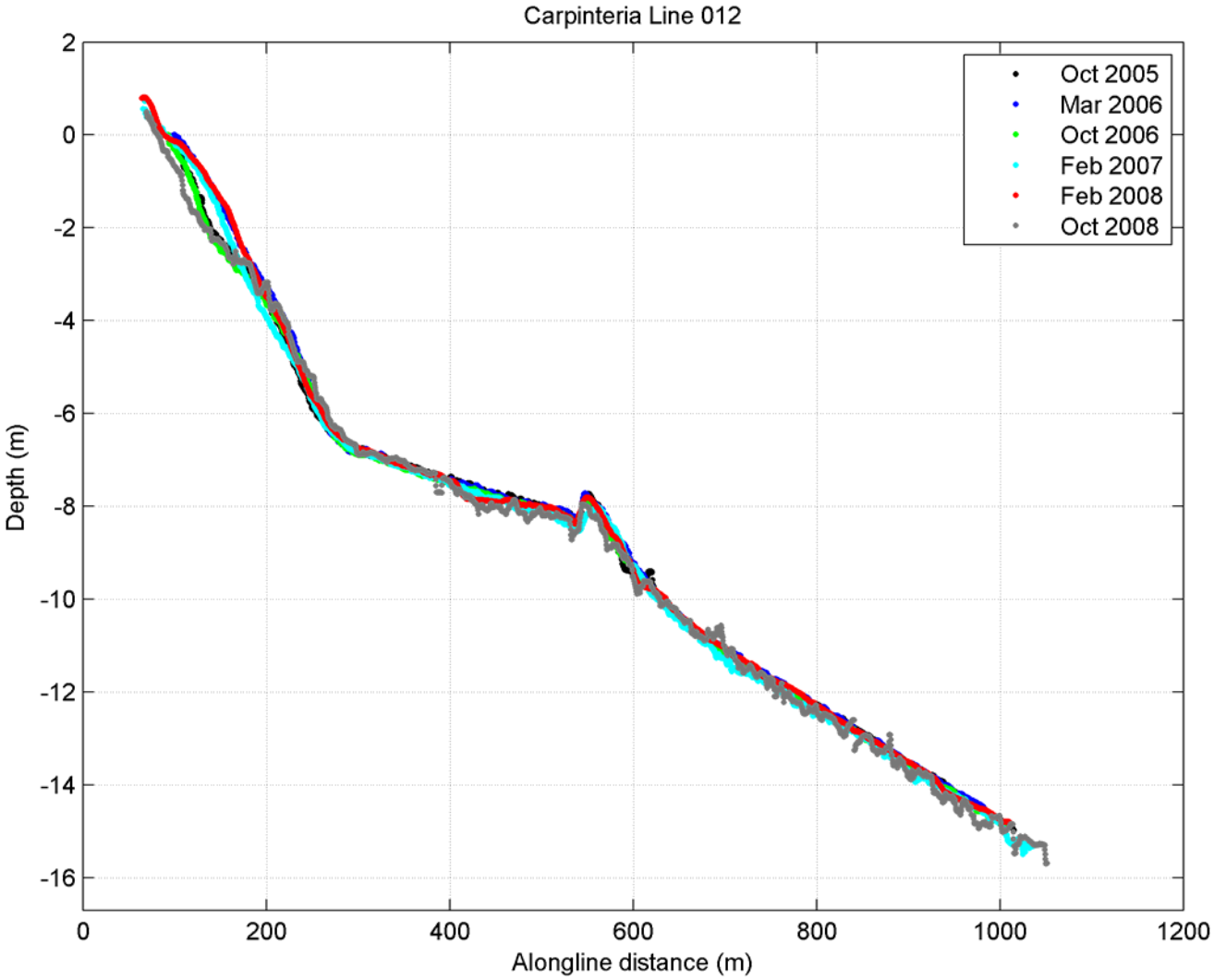

Carpinteria Line 007
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
-12
-14
0
100
200
300
400
500
600
700
800
900

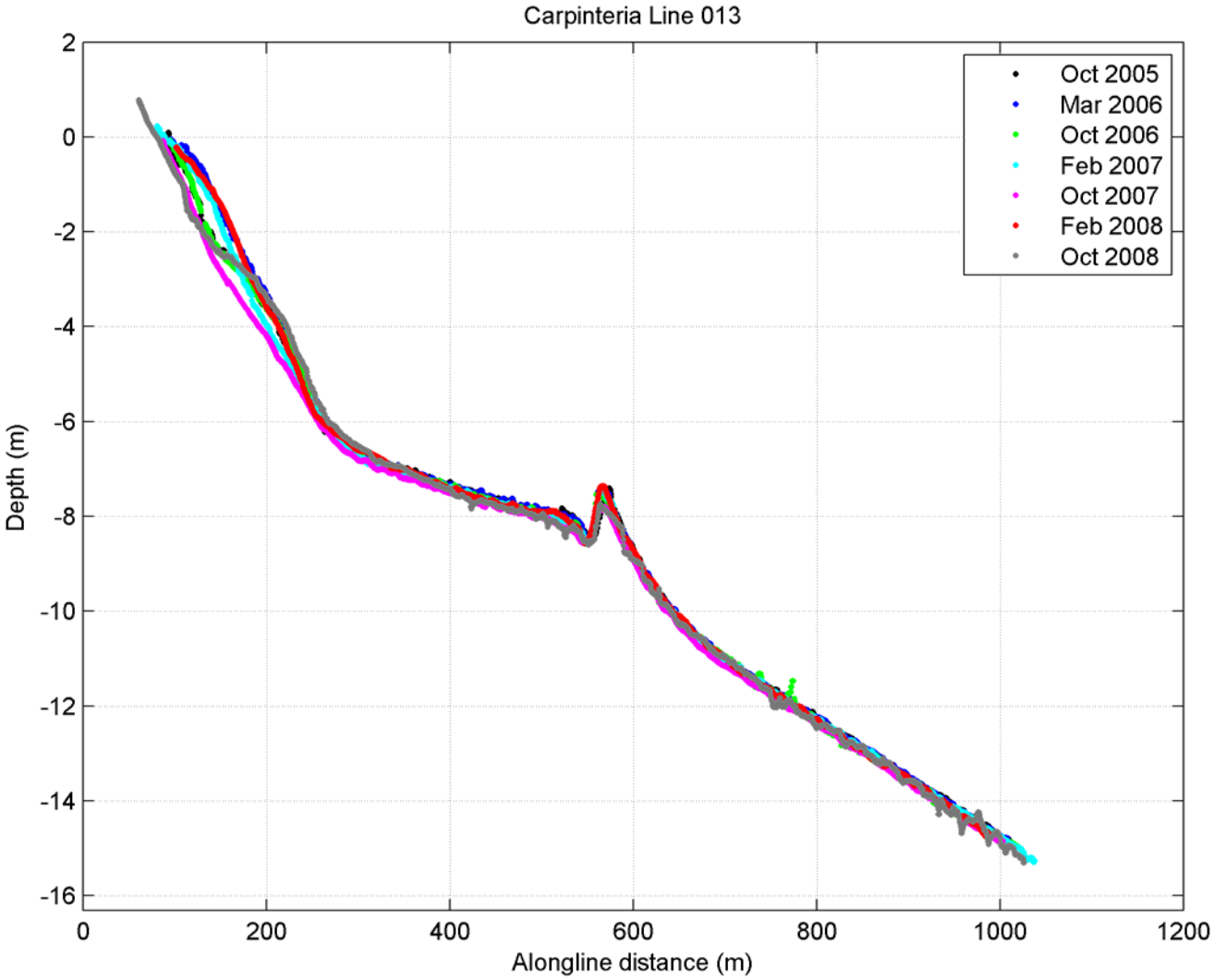

Carpinteria Line 008
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
-12
-14
0
100
200
300
400
500
600
700
800
900

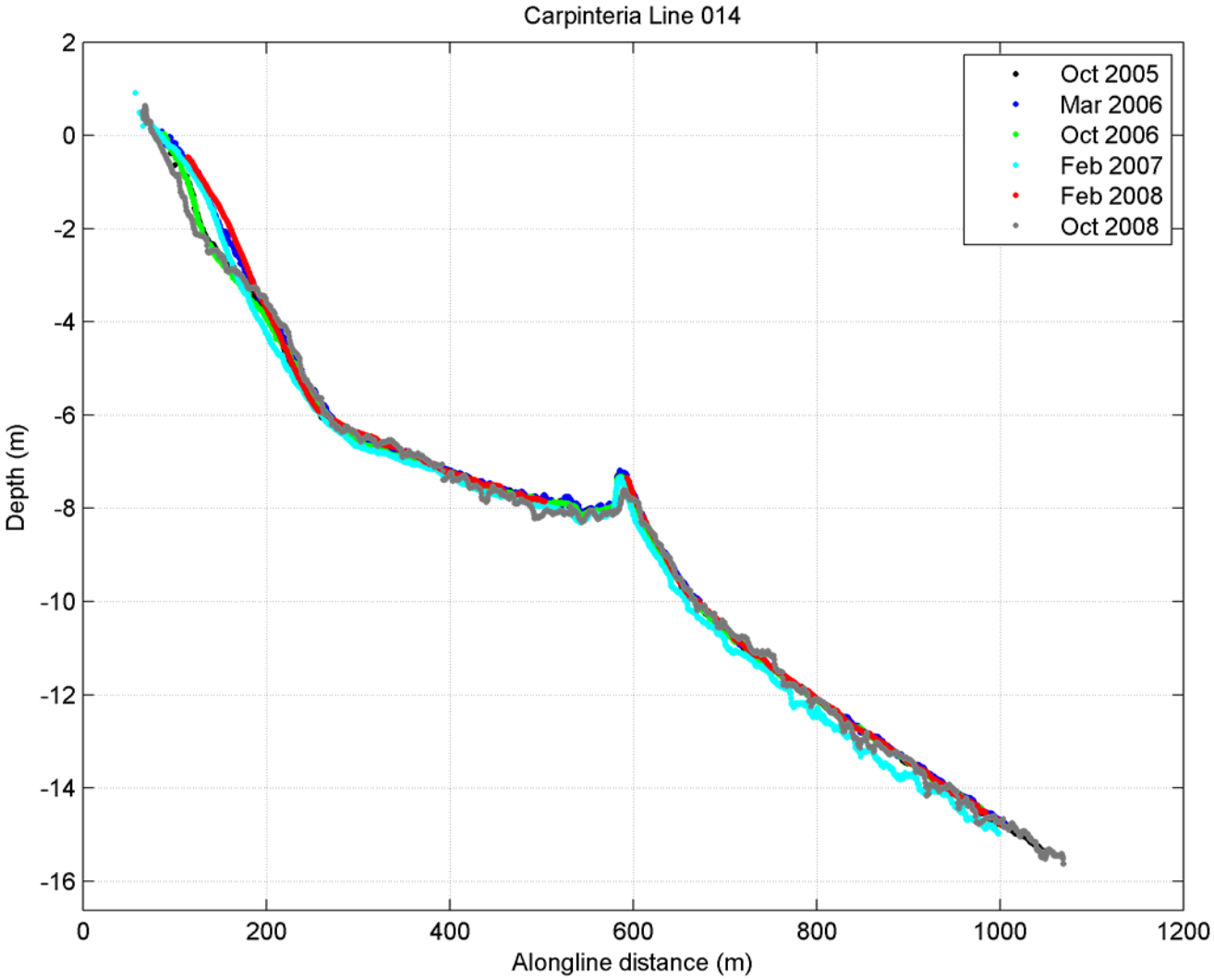

Carpinteria Line 009
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
-12
-14
0
100
200
300
400
500
600
700
800
900

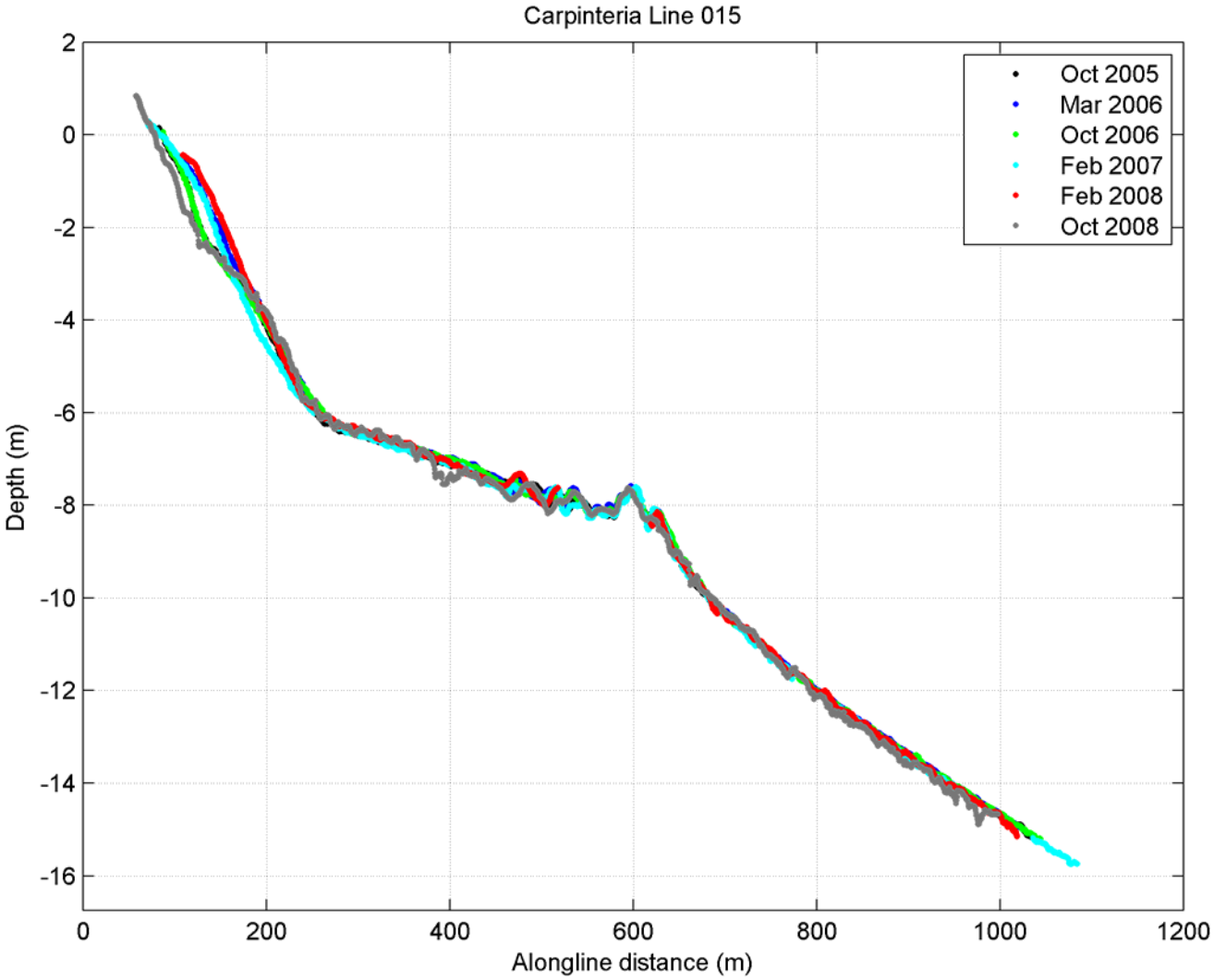

Carpinteria Line 010
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
-12
0
100
200
300
400
500
600
700
800
900

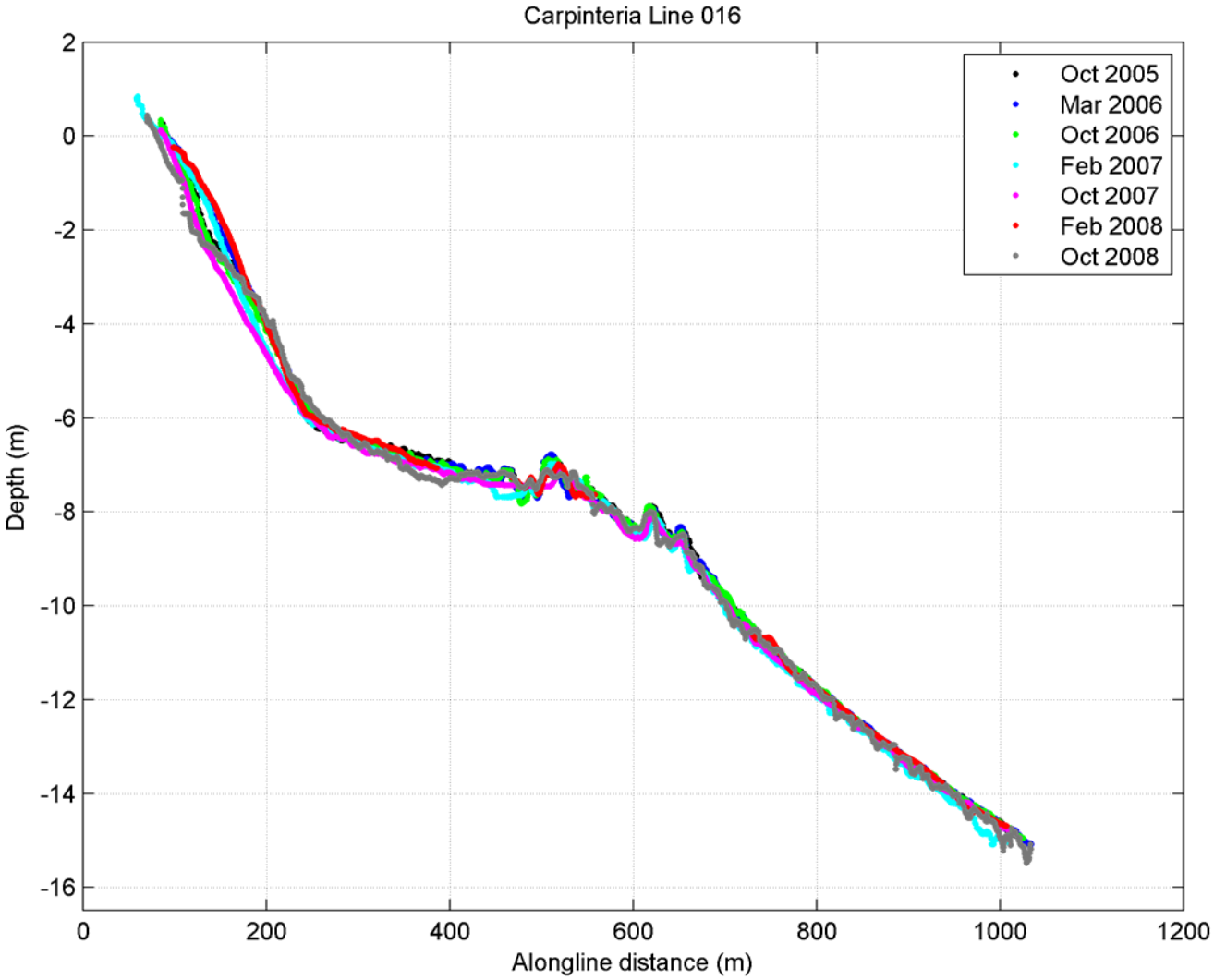

Carpinteria Line 011
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
-12
0
100
200
300
400
500
600
700
800

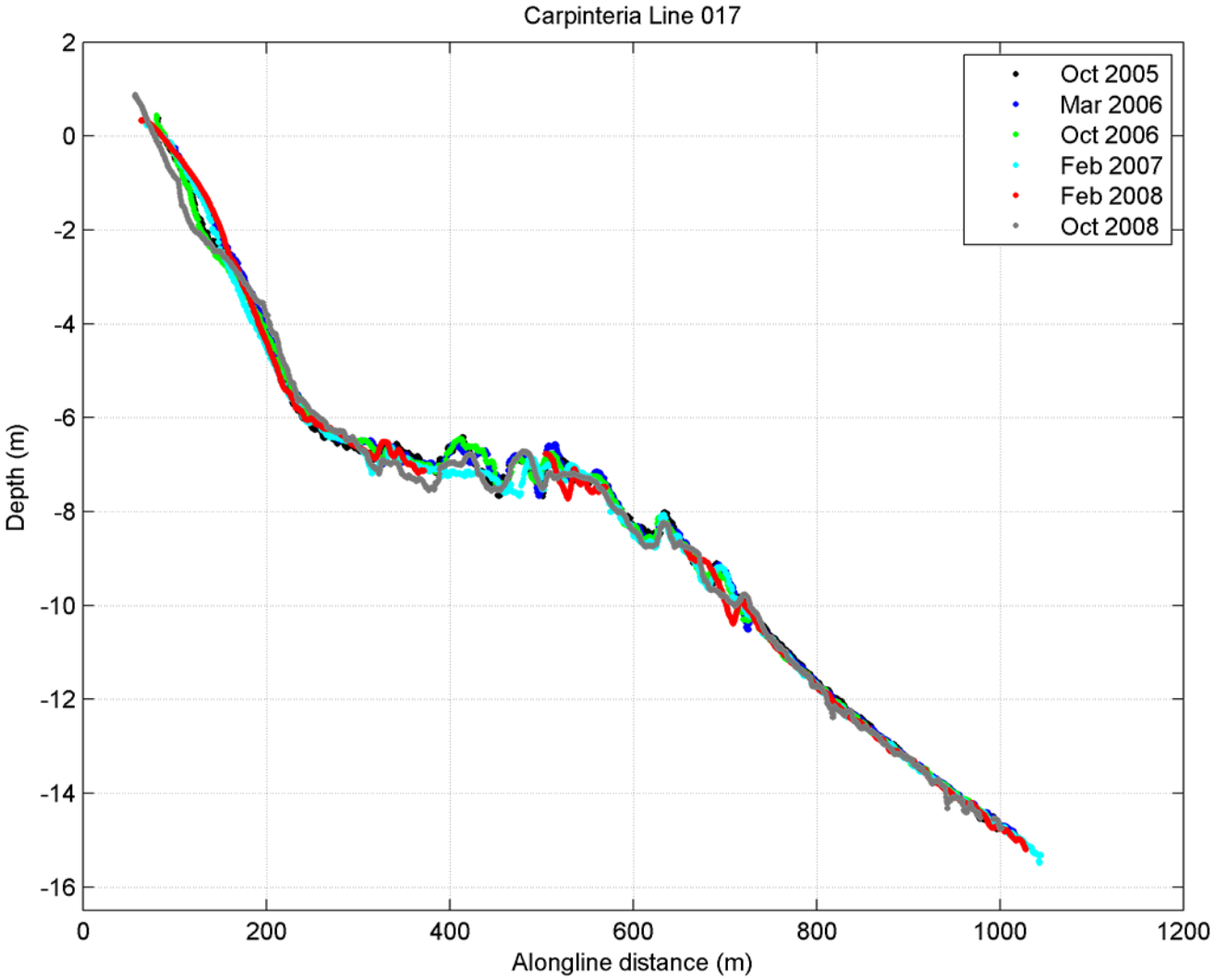

Carpinteria Line 012
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
-12
-14
-16
0
200
400
600
800
1000
1200

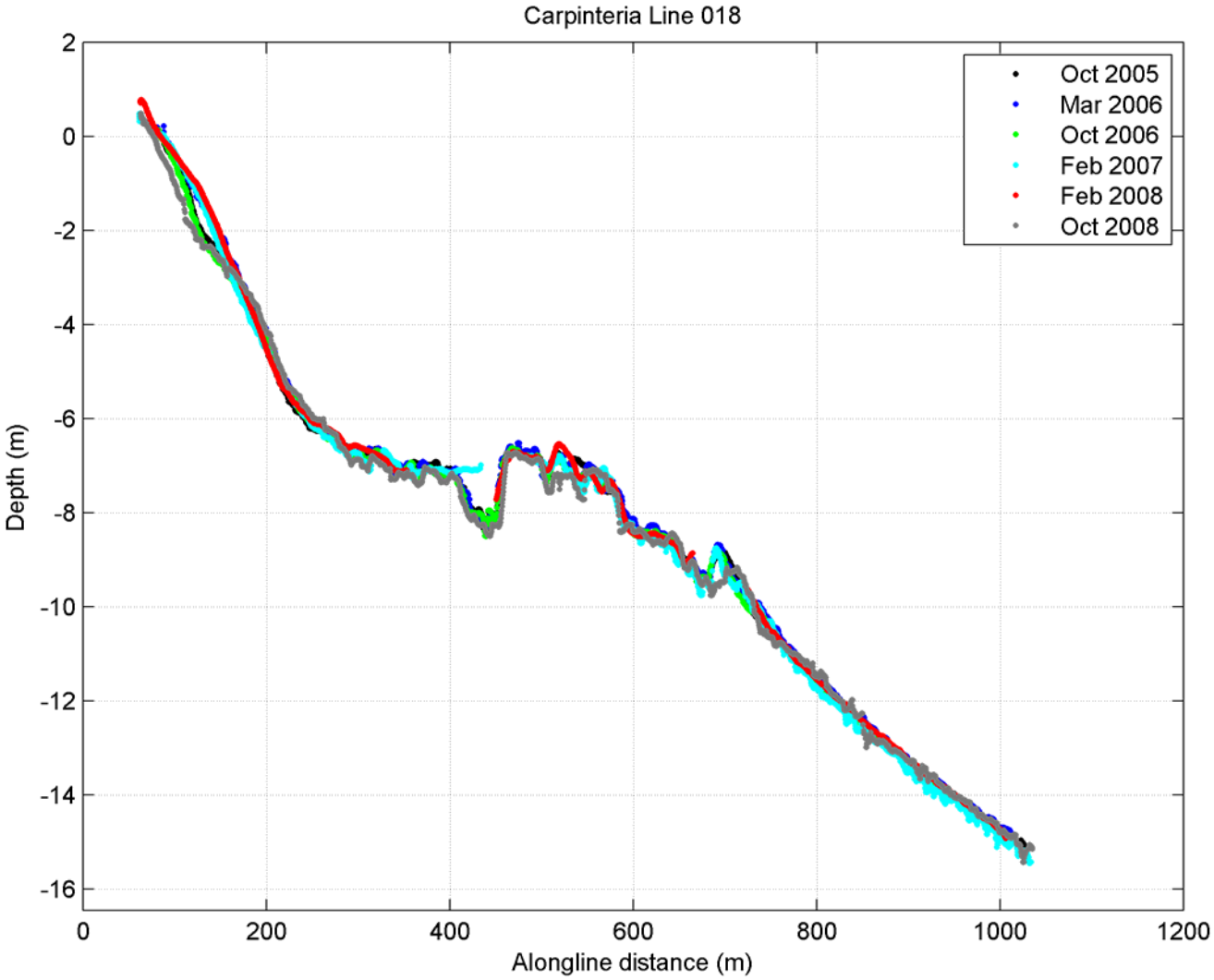

Carpinteria Line 013
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
-12
-14
-16
0
200
400
600
800
1000
1200

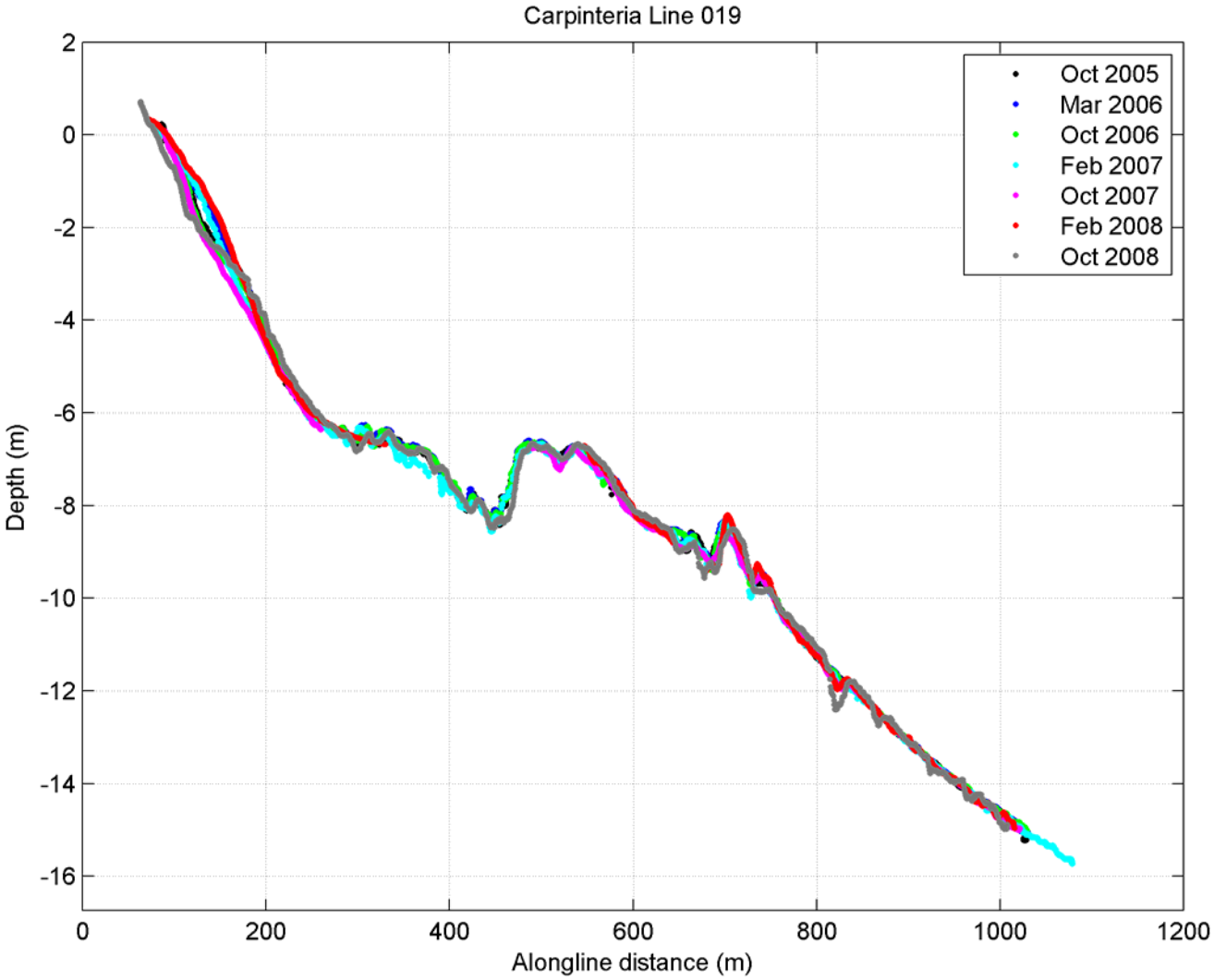

Carpinteria Line 014
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
-12
-14
-16
0
200
400
600
800
1000
1200

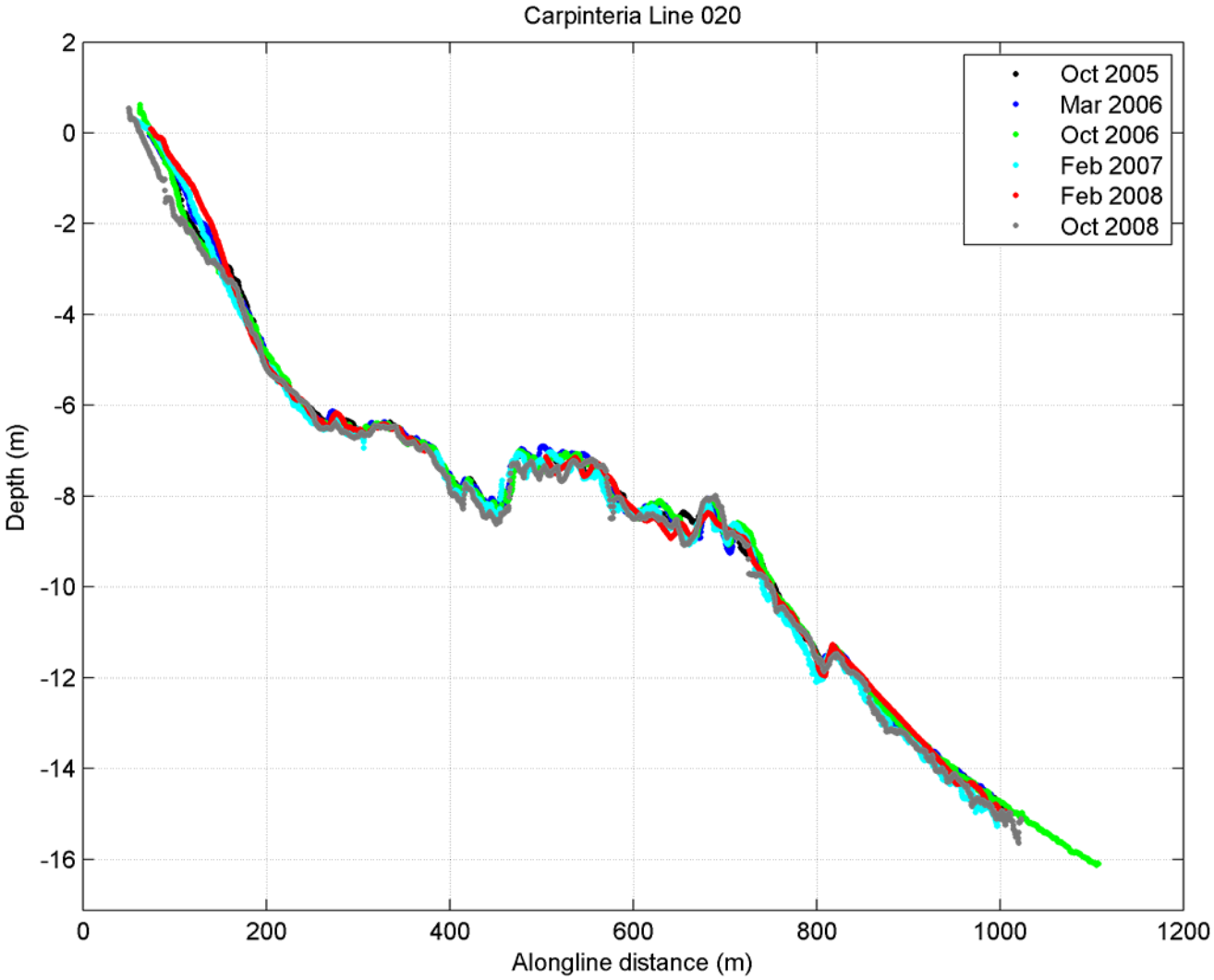

Carpinteria Line 015
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
-12
-14
-16
0
200
400
600
800
1000
1200

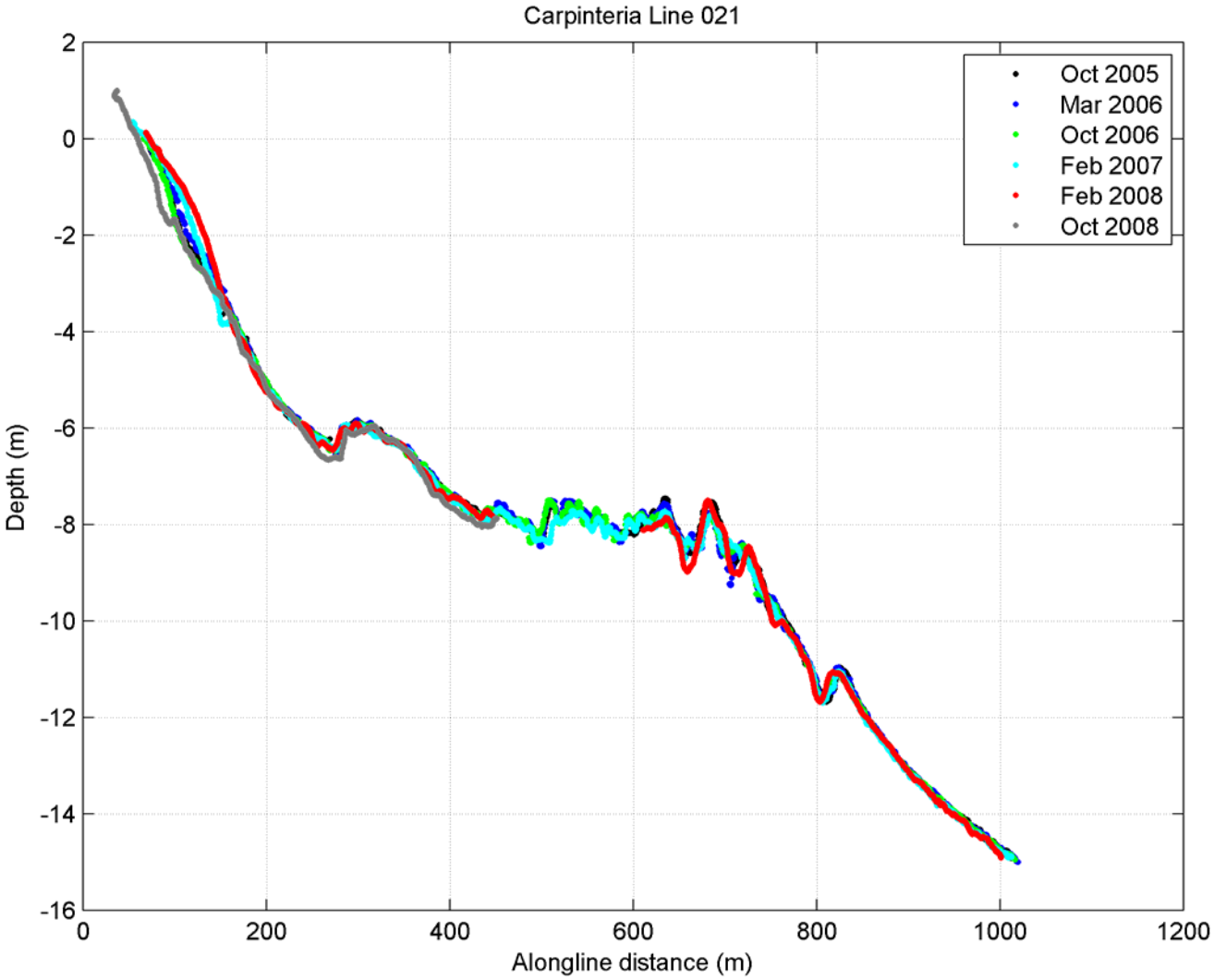

Carpinteria Line 016
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
-12
-14
-16
0
200
400
600
800
1000
1200

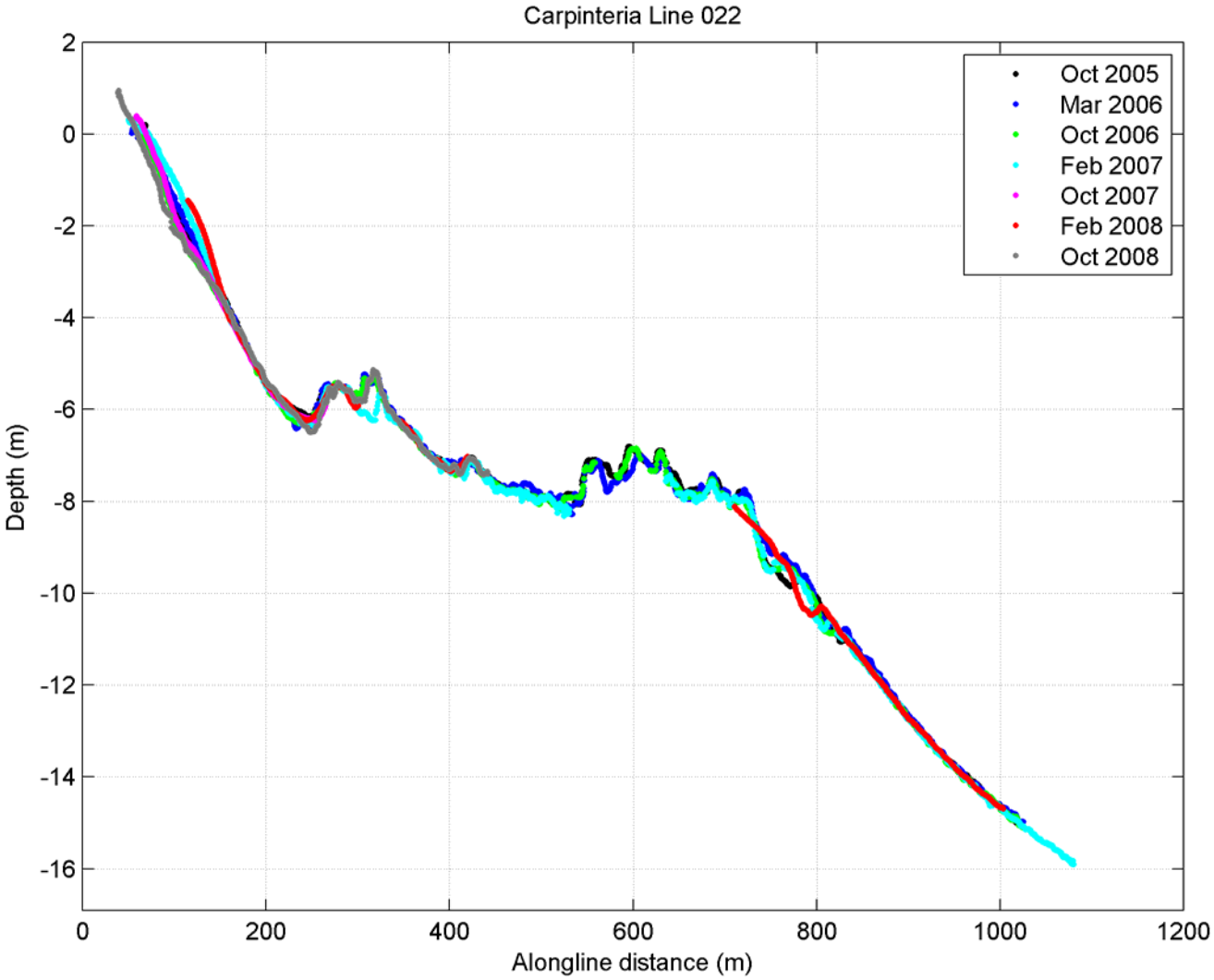

Carpinteria Line 017
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
-12
-14
-16
0
200
400
600
800
1000
1200

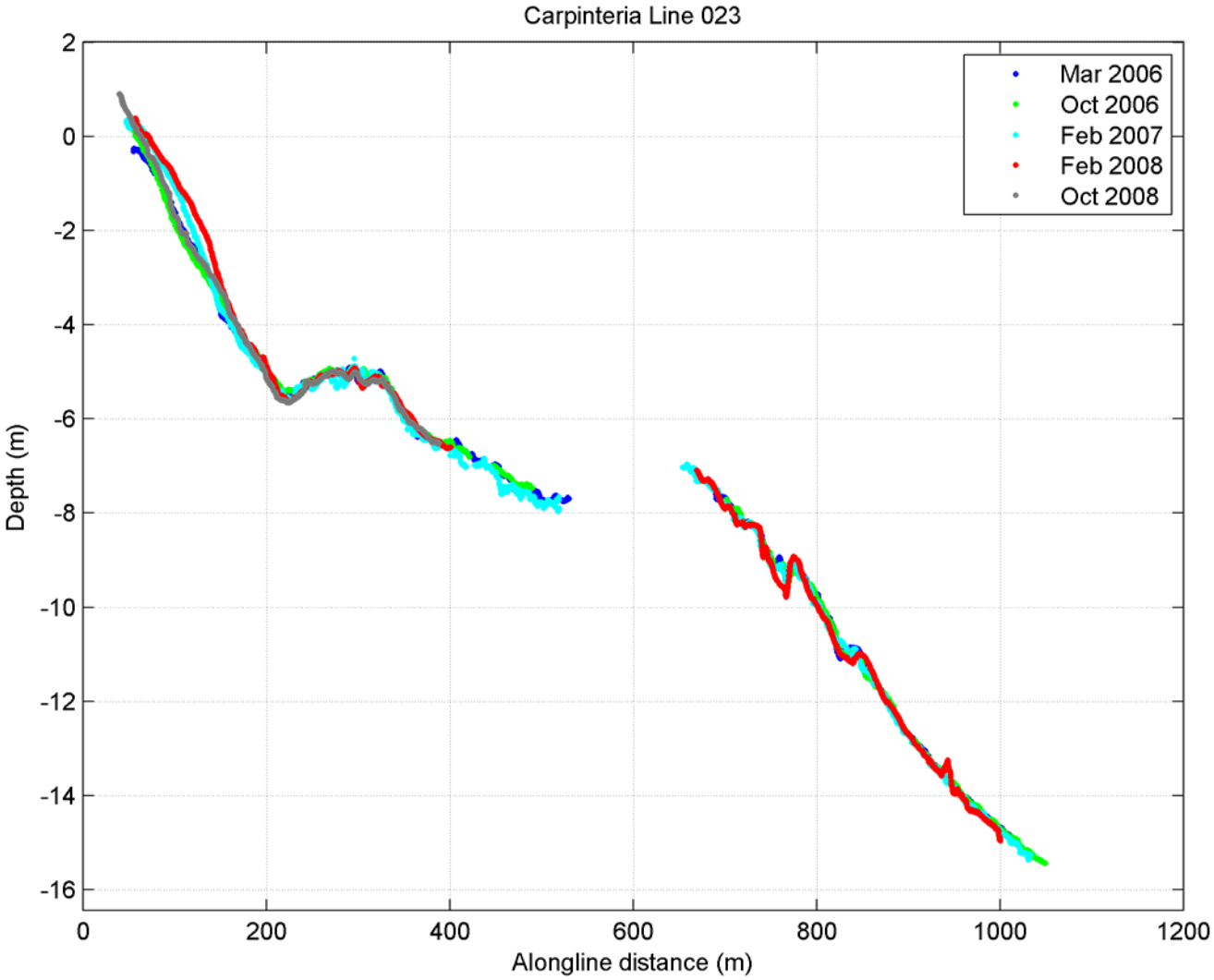

Carpinteria Line 018
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
-12
-14
-16
0
200
400
600
800
1000
1200

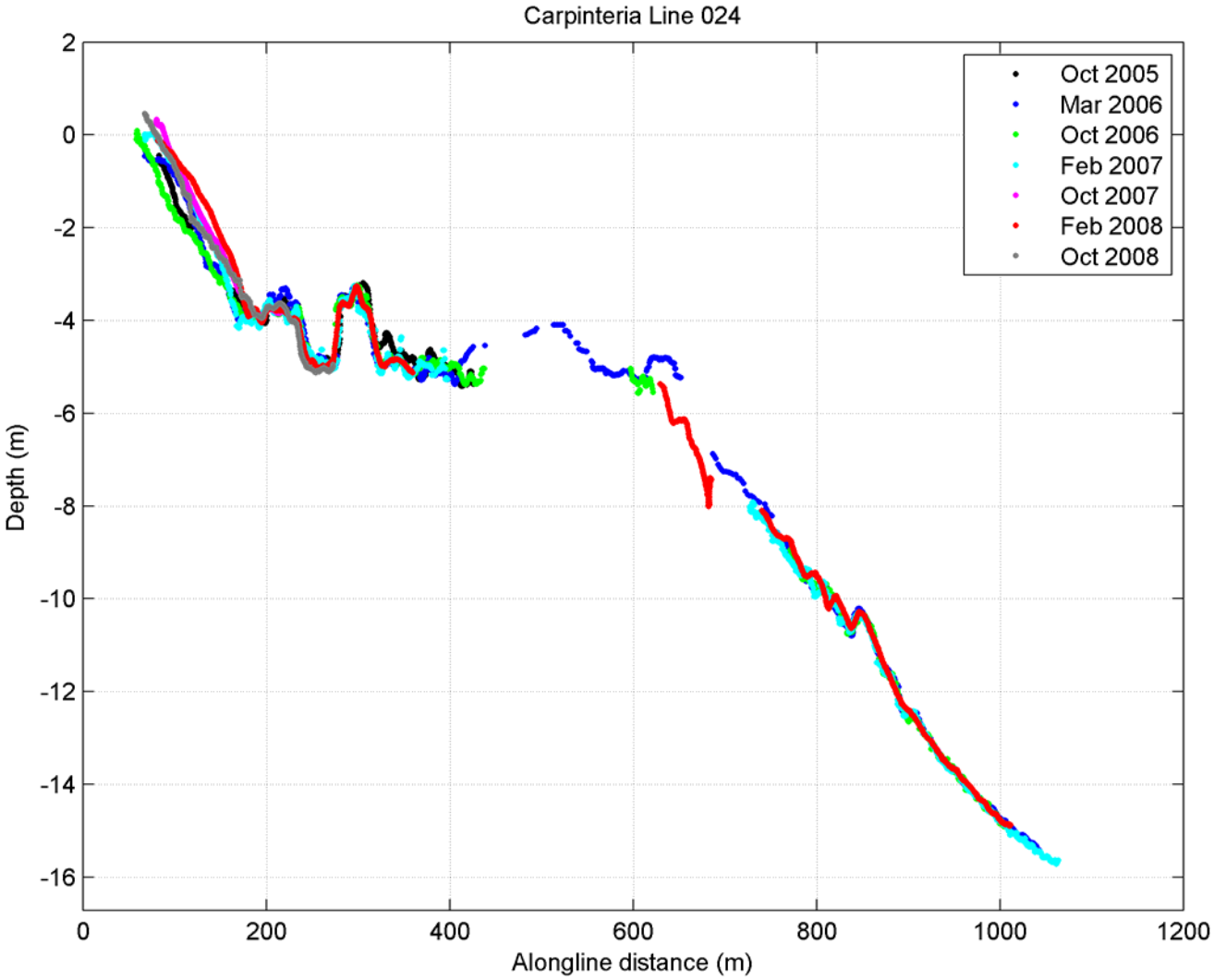

Carpinteria Line 019
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
-12
-14
-16
0
200
400
600
800
1000
1200

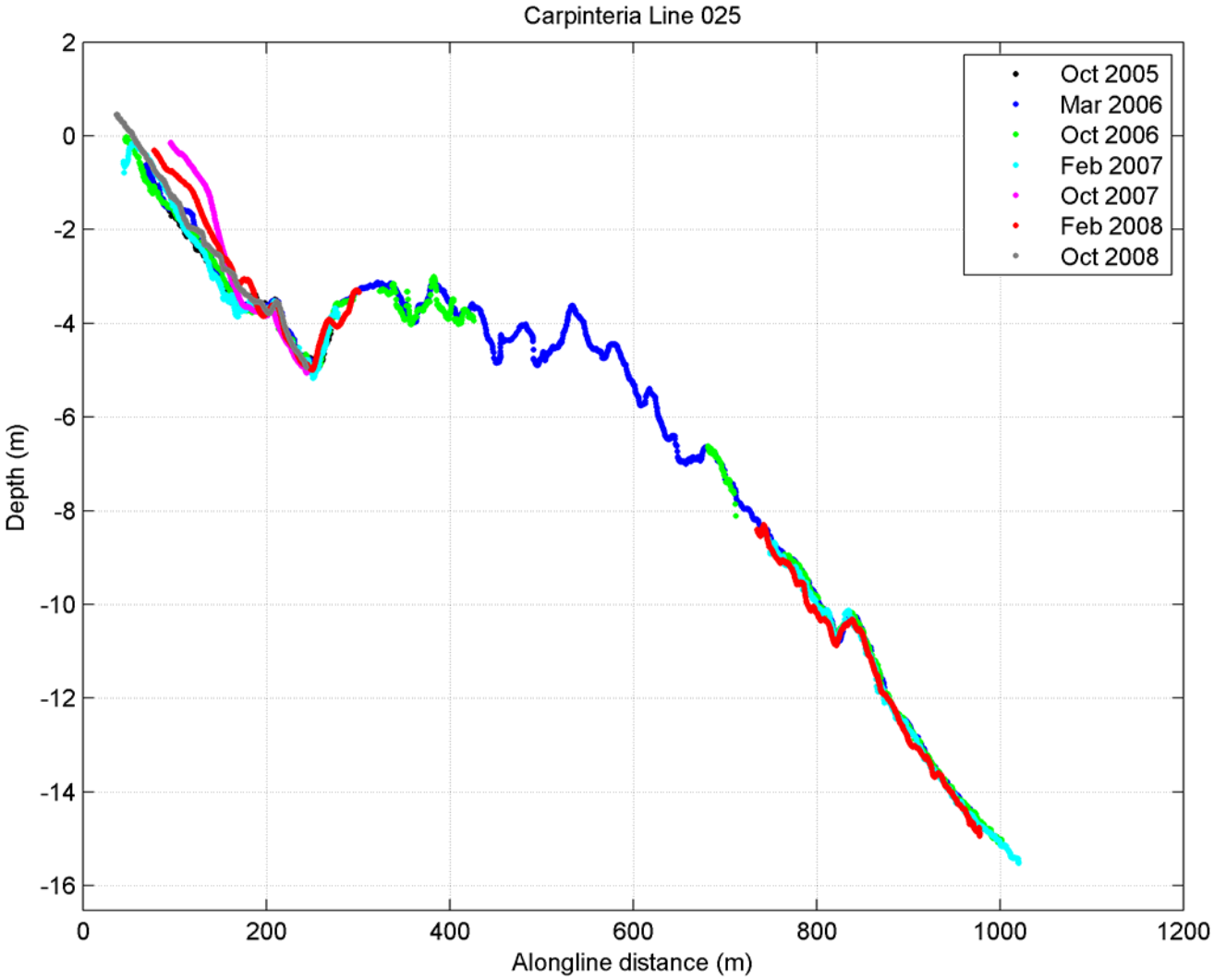

Carpinteria Line 020
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
-12
-14
-16
0
200
400
600
800
1000
1200

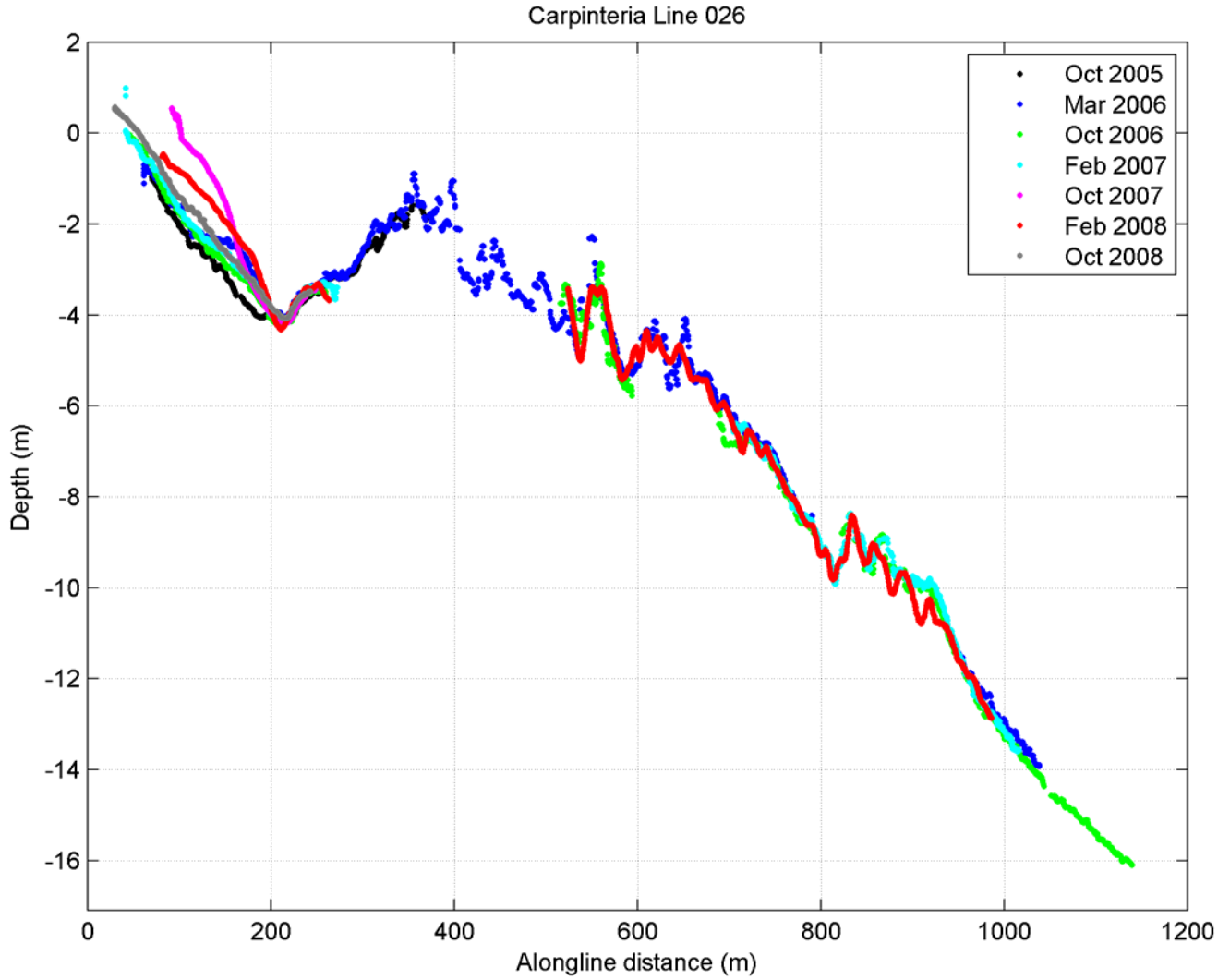

Carpinteria Line 021
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
-12
-14
-16
0
200
400
600
800
1000
1200

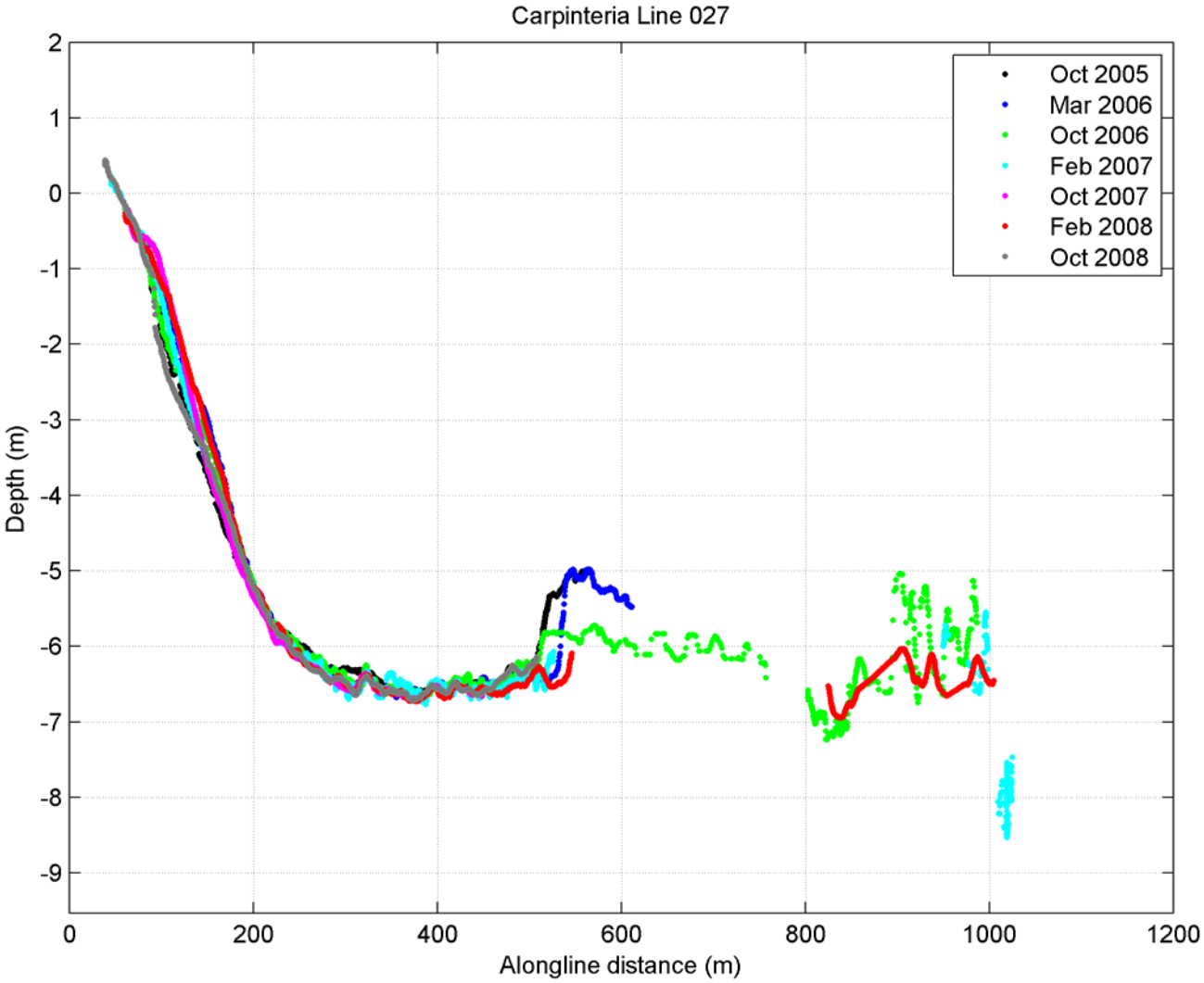

Carpinteria Line 022
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
-12
-14
-16
0
200
400
600
800
1000
1200

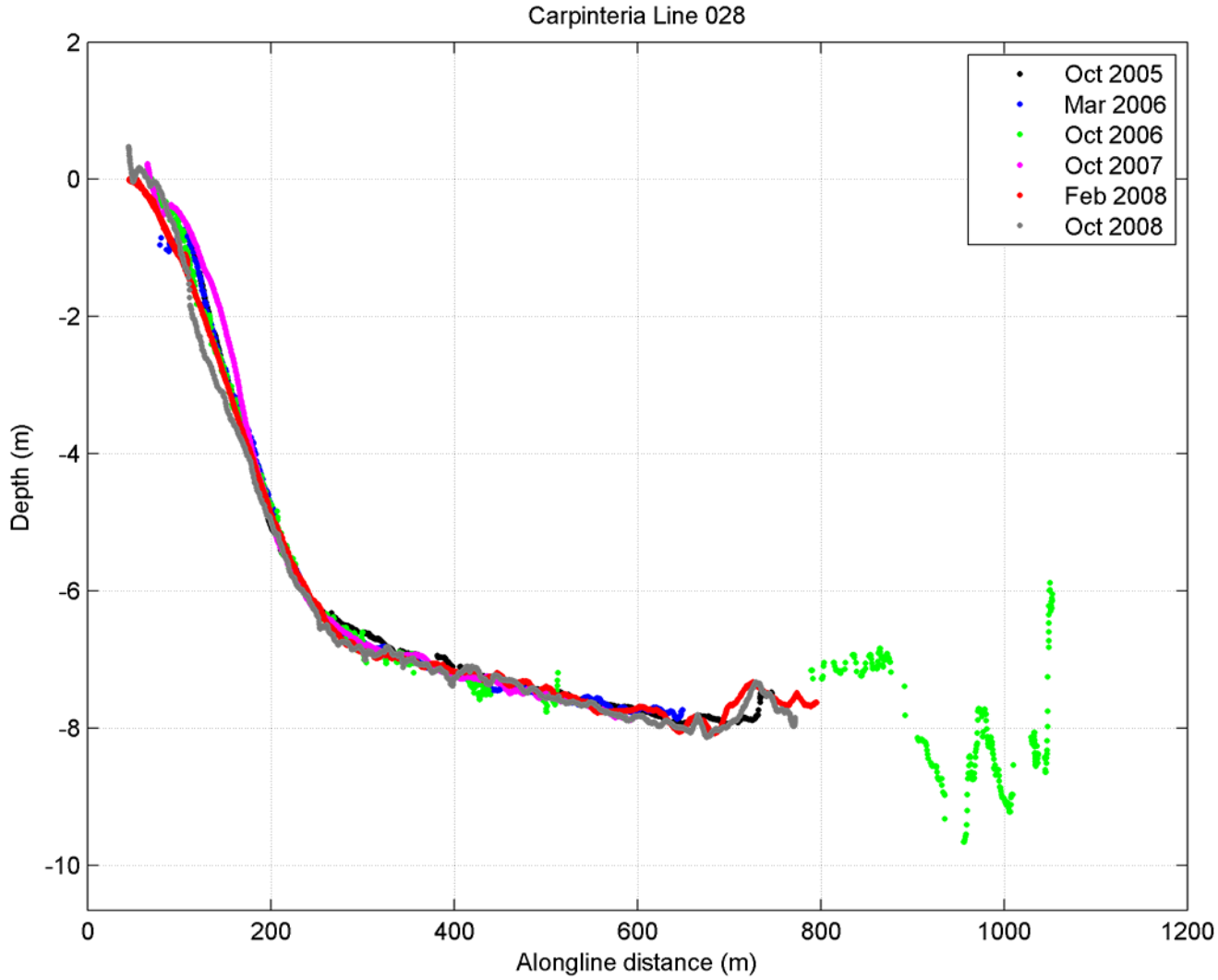

Carpinteria Line 023
Mar 2006
Oct 2006
Feb 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
-12
-14
-16
0
200
400
600
800
1000
1200

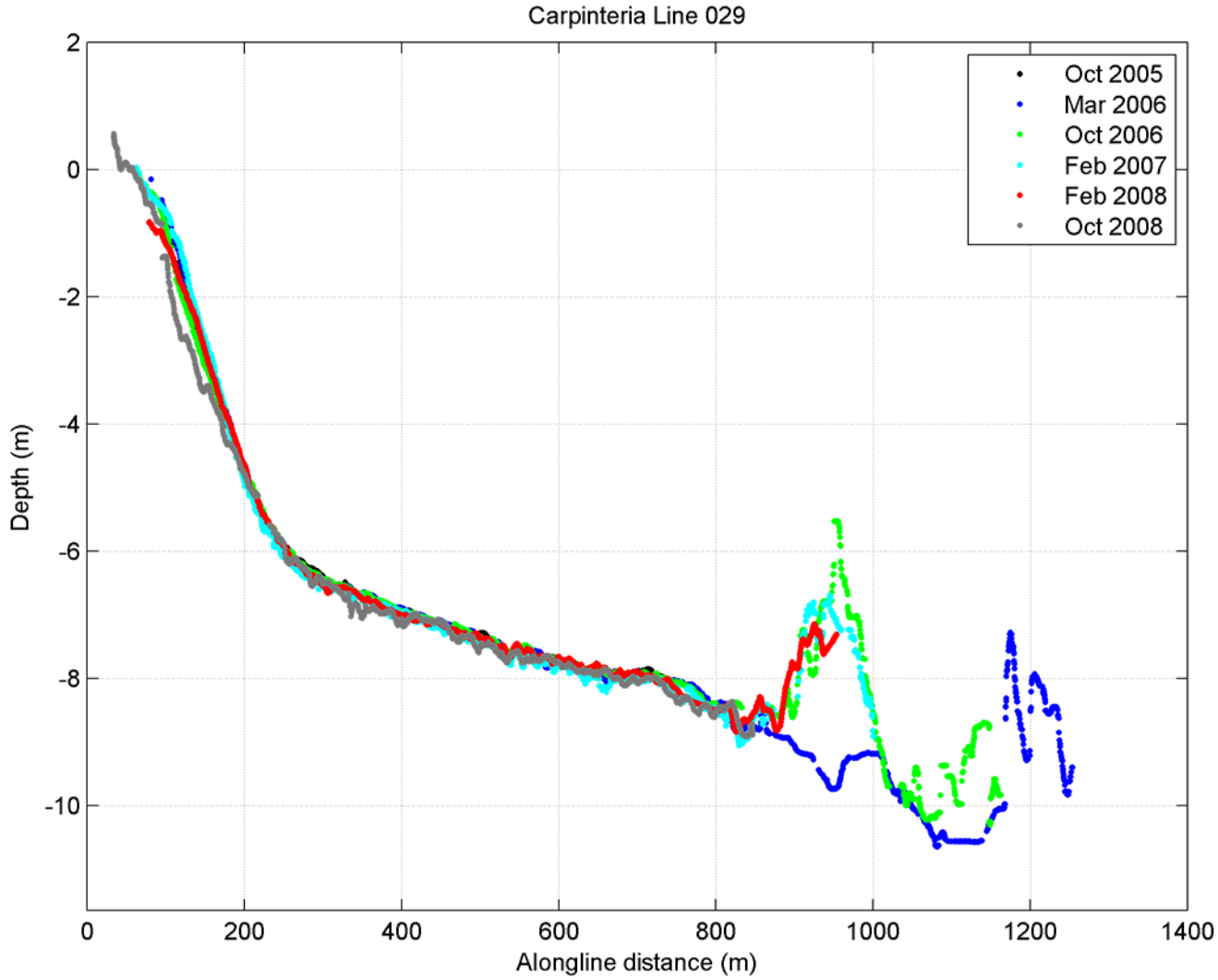

Carpinteria Line 024
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
-12
-14
-16
0
200
400
600
800
1000
1200

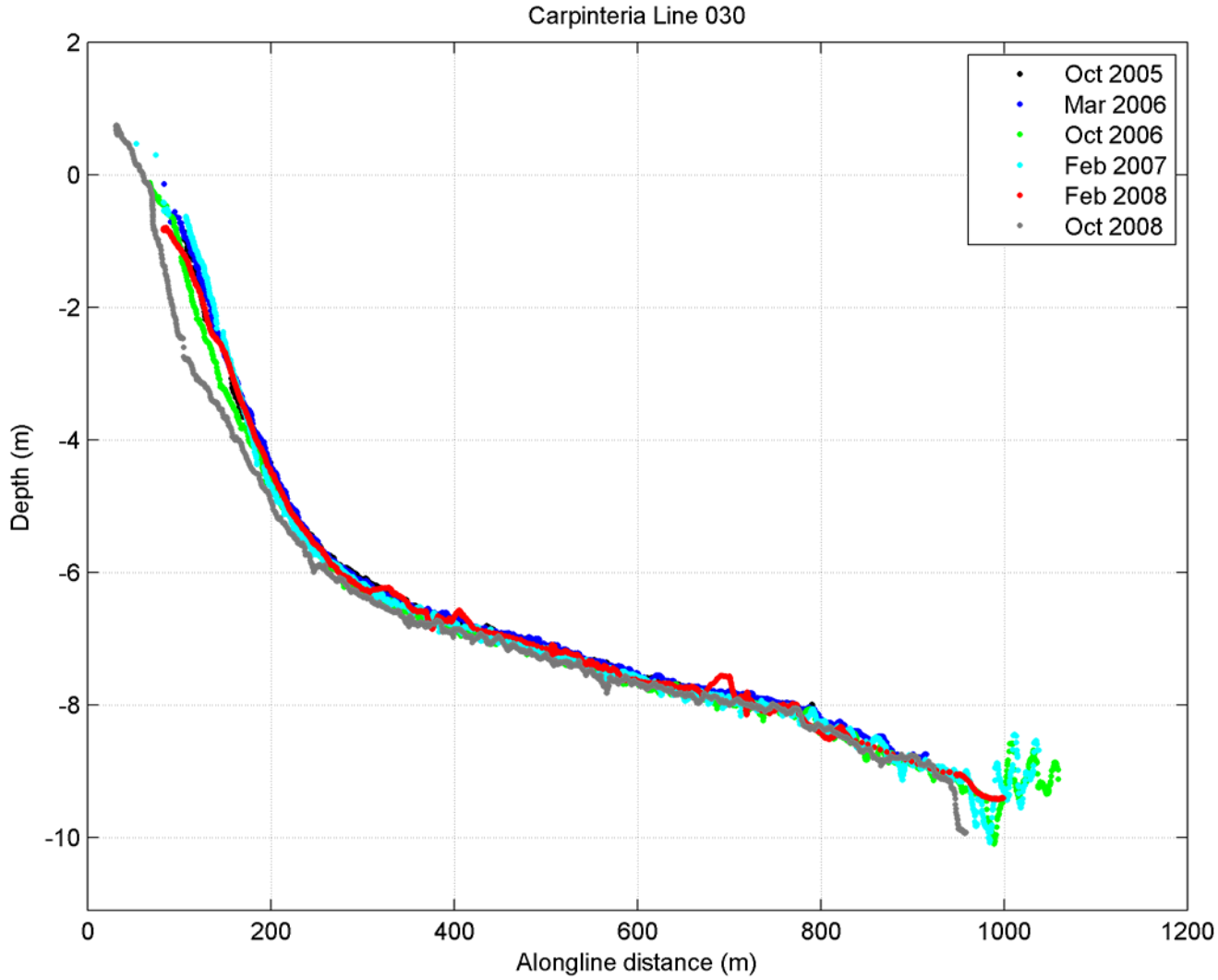

Carpinteria Line 025
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
-12
-14
-16
0
200
400
600
800
1000
1200

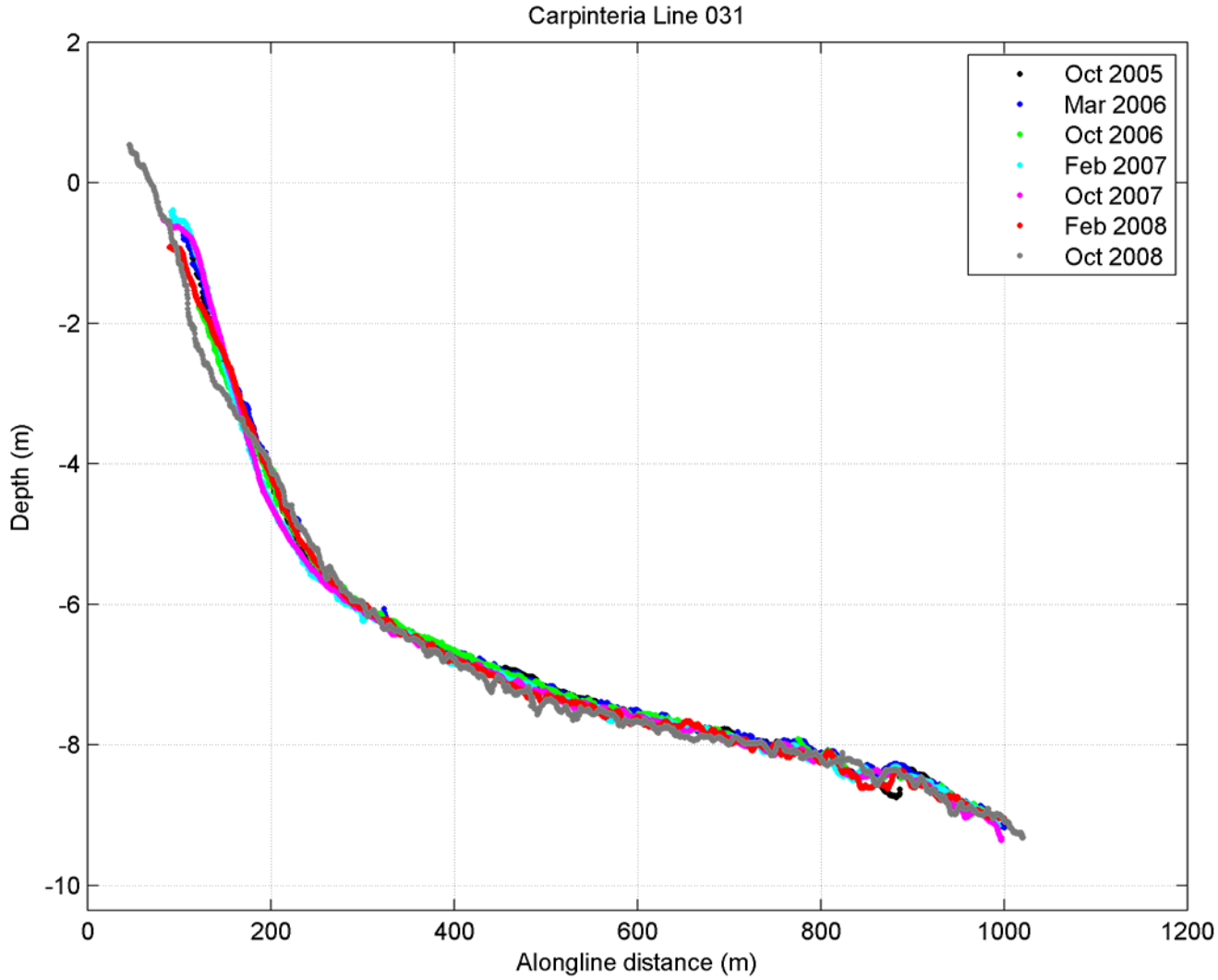

Carpinteria Line 026
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
-12
-14
-16
0
200
400
600
800
1000
1200

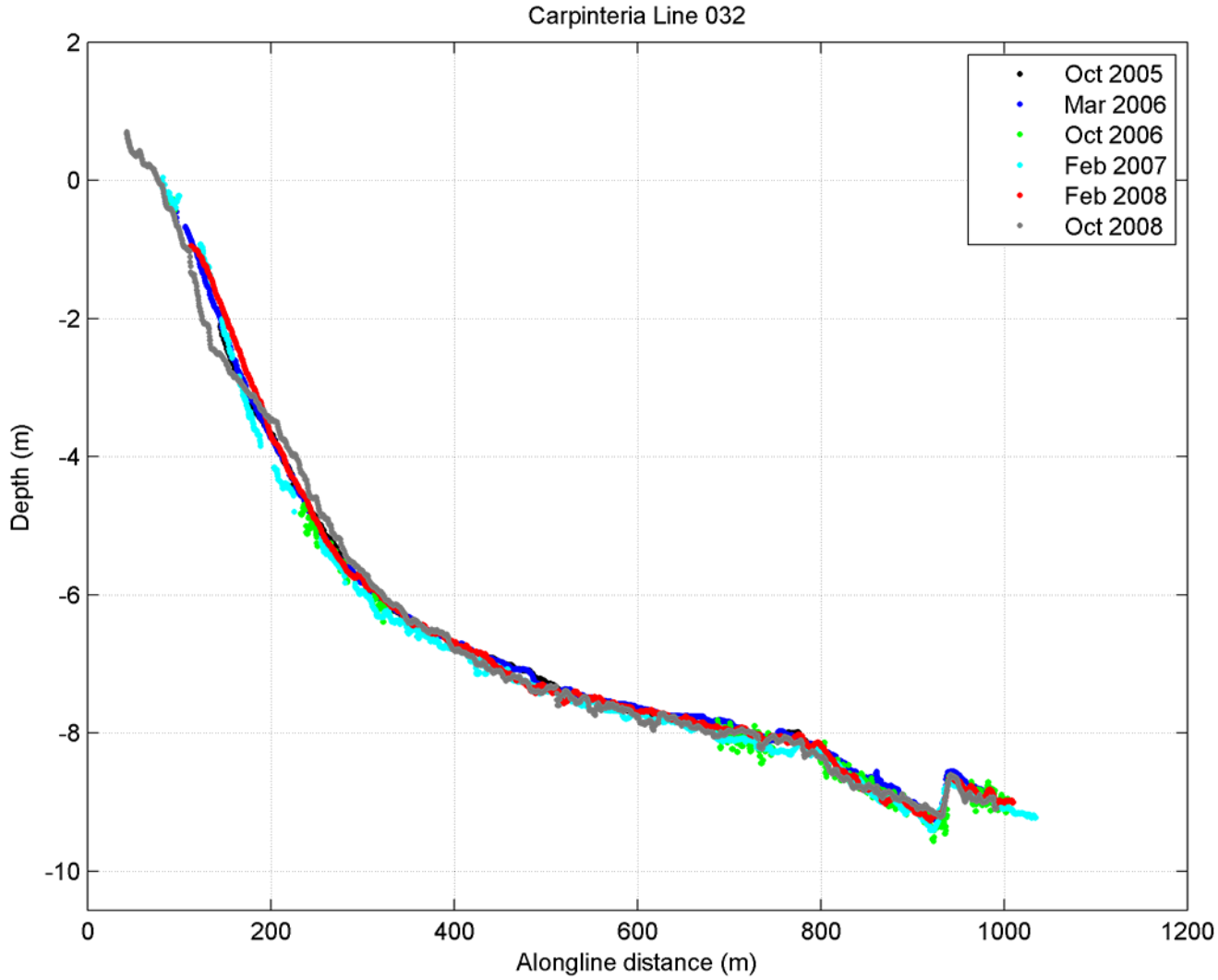

Carpinteria Line 027
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
2
1
0
-1
-2
-3
-4
-5
-6
-7
-8
-9
0
200
400
600
800
1000
1200

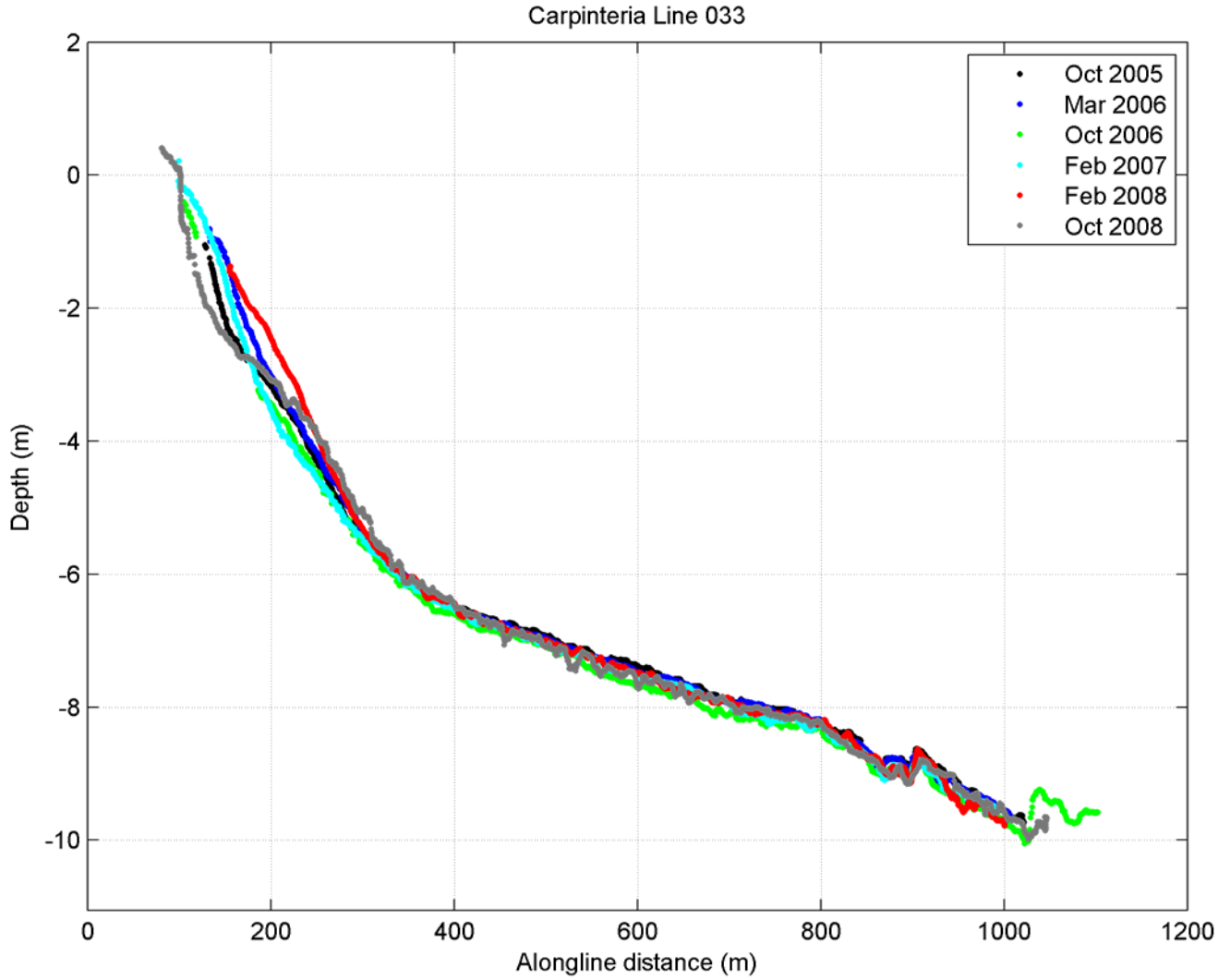

Carpinteria Line 028
Oct 2005
Mar 2006
Oct 2006
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
0
200
400
600
800
1000
1200

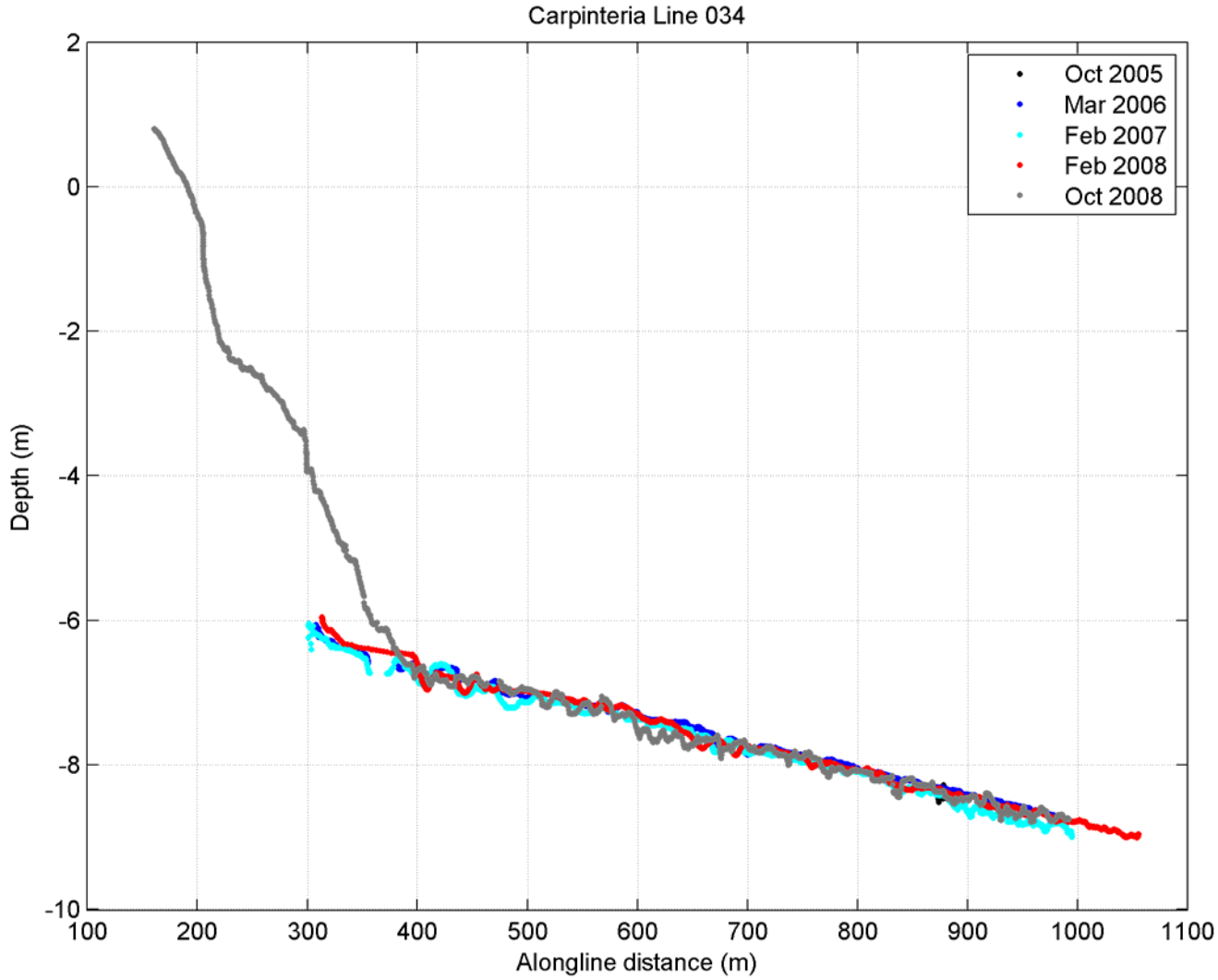

Carpinteria Line 029
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Feb 2008
Oct 2008
Depth (m)
2
0
-2
-4
-6
-8
-10
0
200
400
600
800
1000
1200
1400
Alongline distance (m)

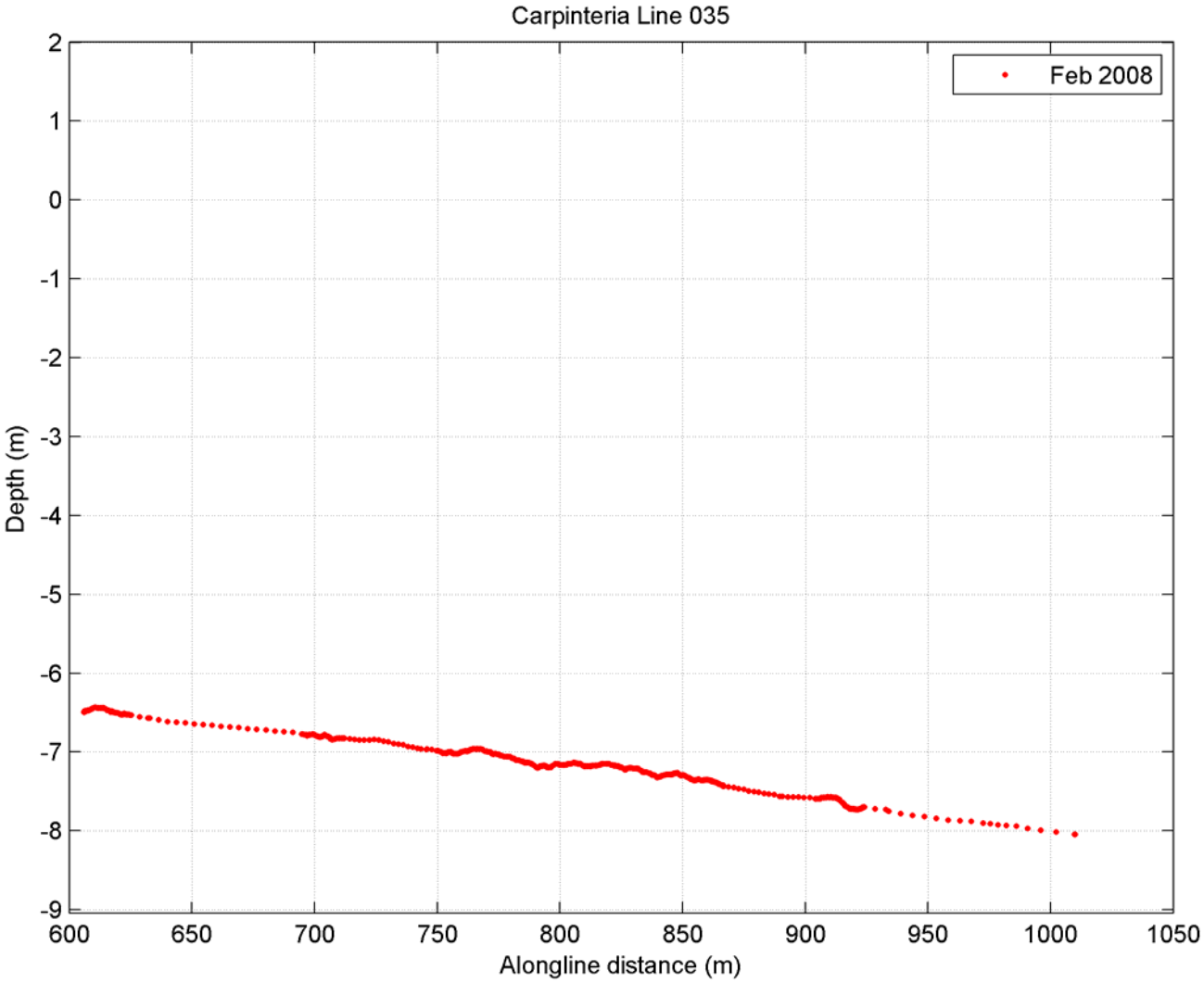

Carpinteria Line 030
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
0
200
400
600
800
1000
1200

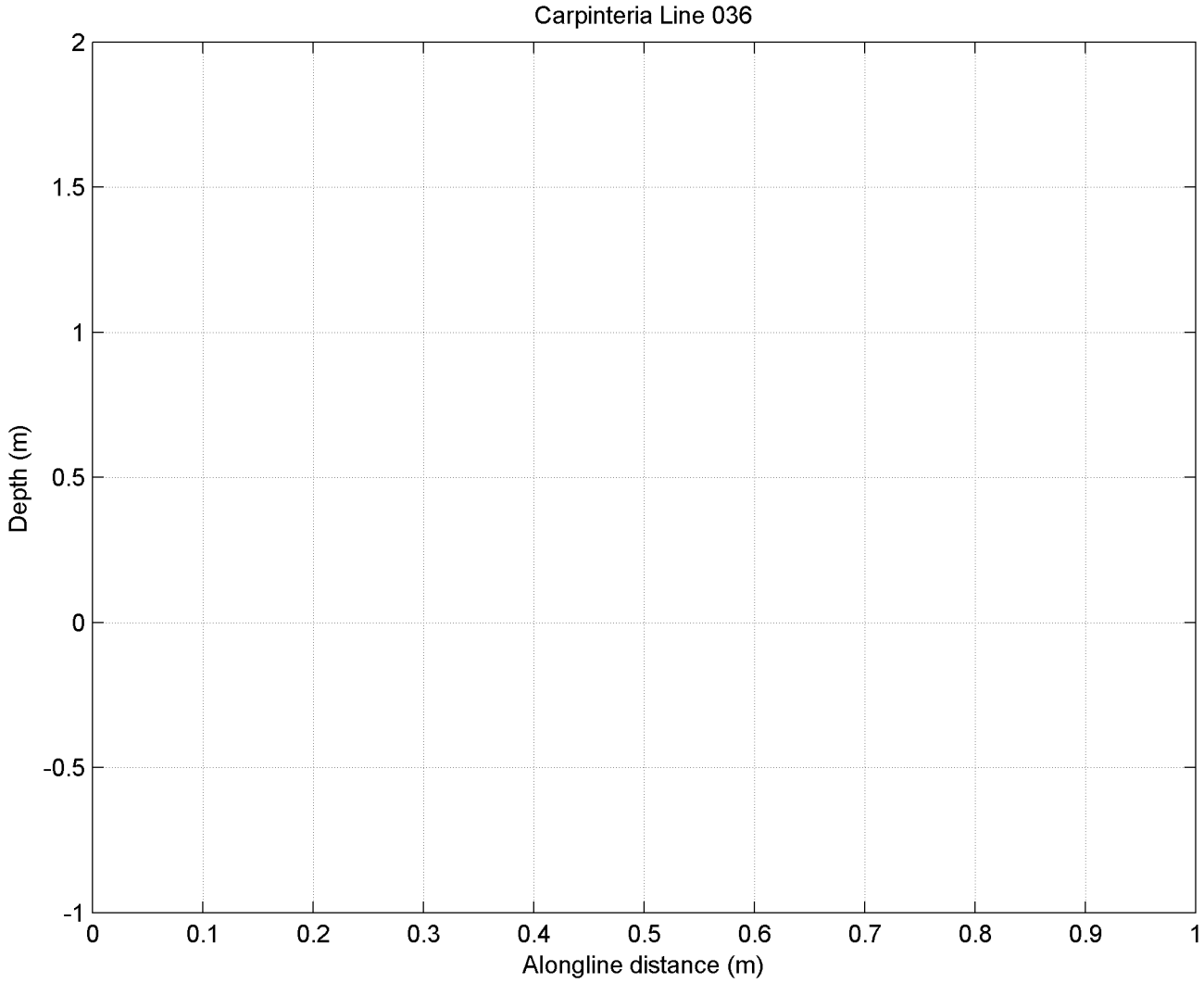

Carpinteria Line 031
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
0
200
400
600
800
1000
1200

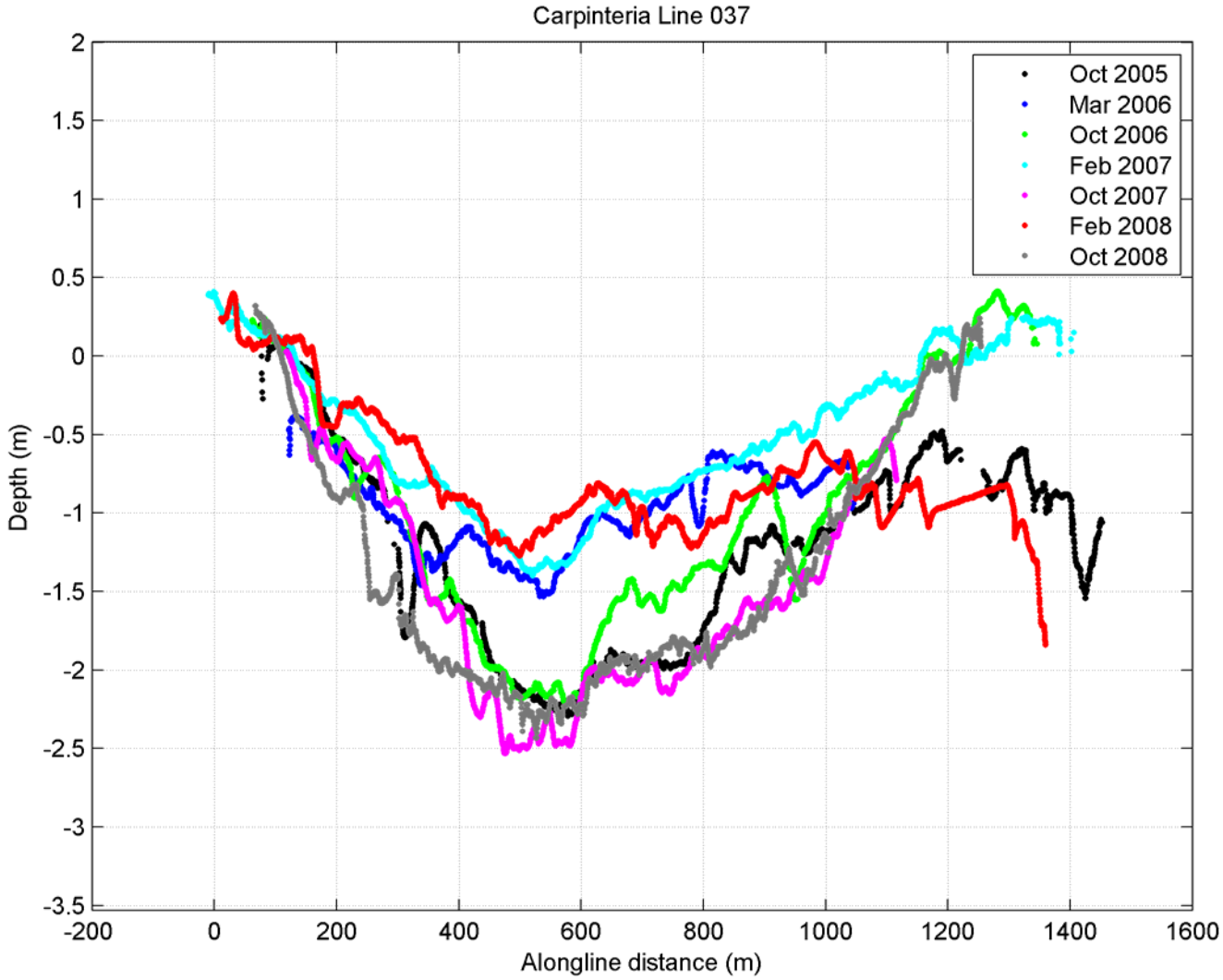

Carpinteria Line 032
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Feb 2008
Oct 2008
Depth (m)
2
0
-2
-4
-6
-8
-10
0
200
400
600
800
1000
1200
Alongline distance (m)

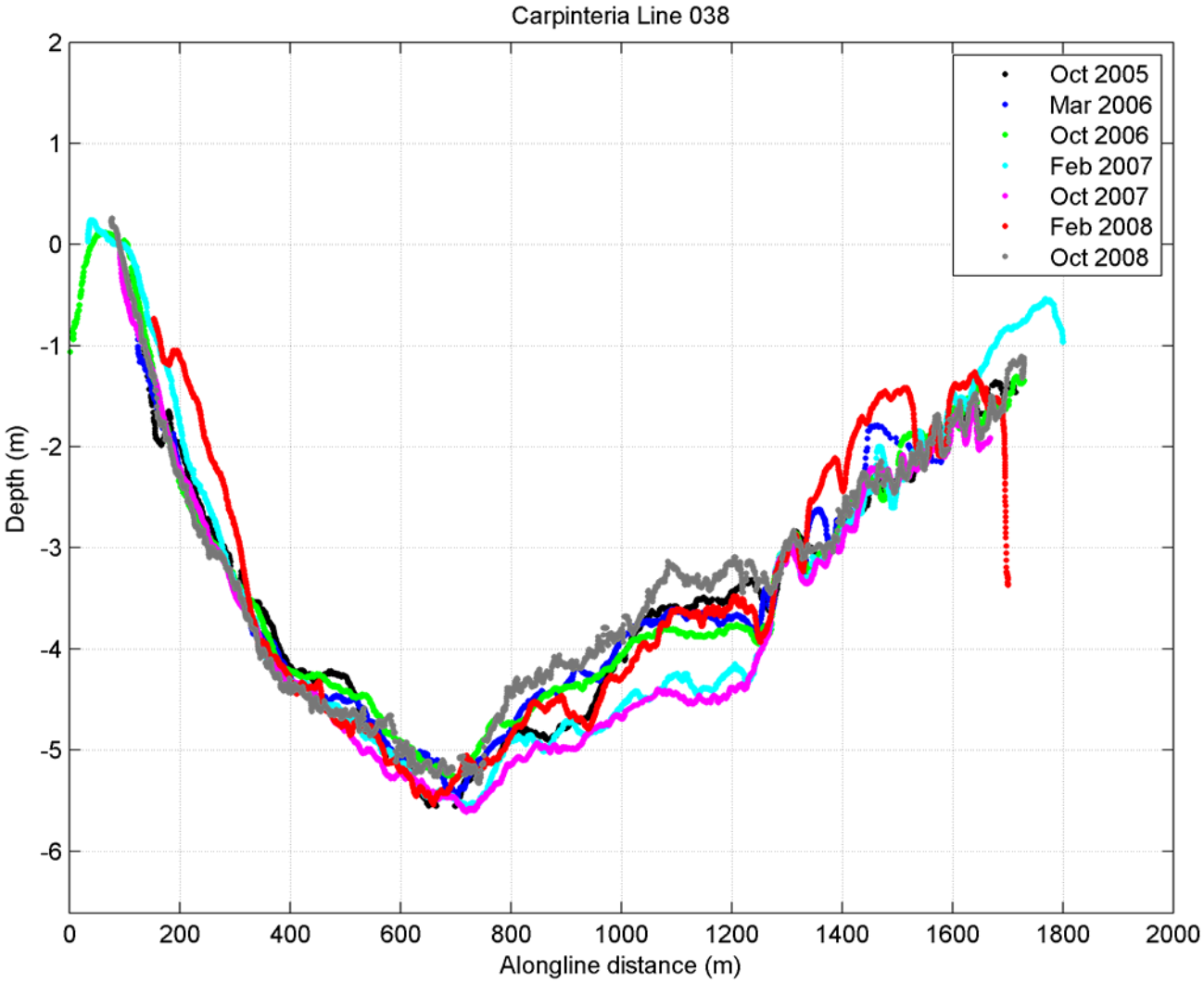

Carpinteria Line 033
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Feb 2008
Oct 2008
Depth (m)
2
0
-2
-4
-6
-8
-10
0
200
400
600
800
1000
1200
Alongline distance (m)

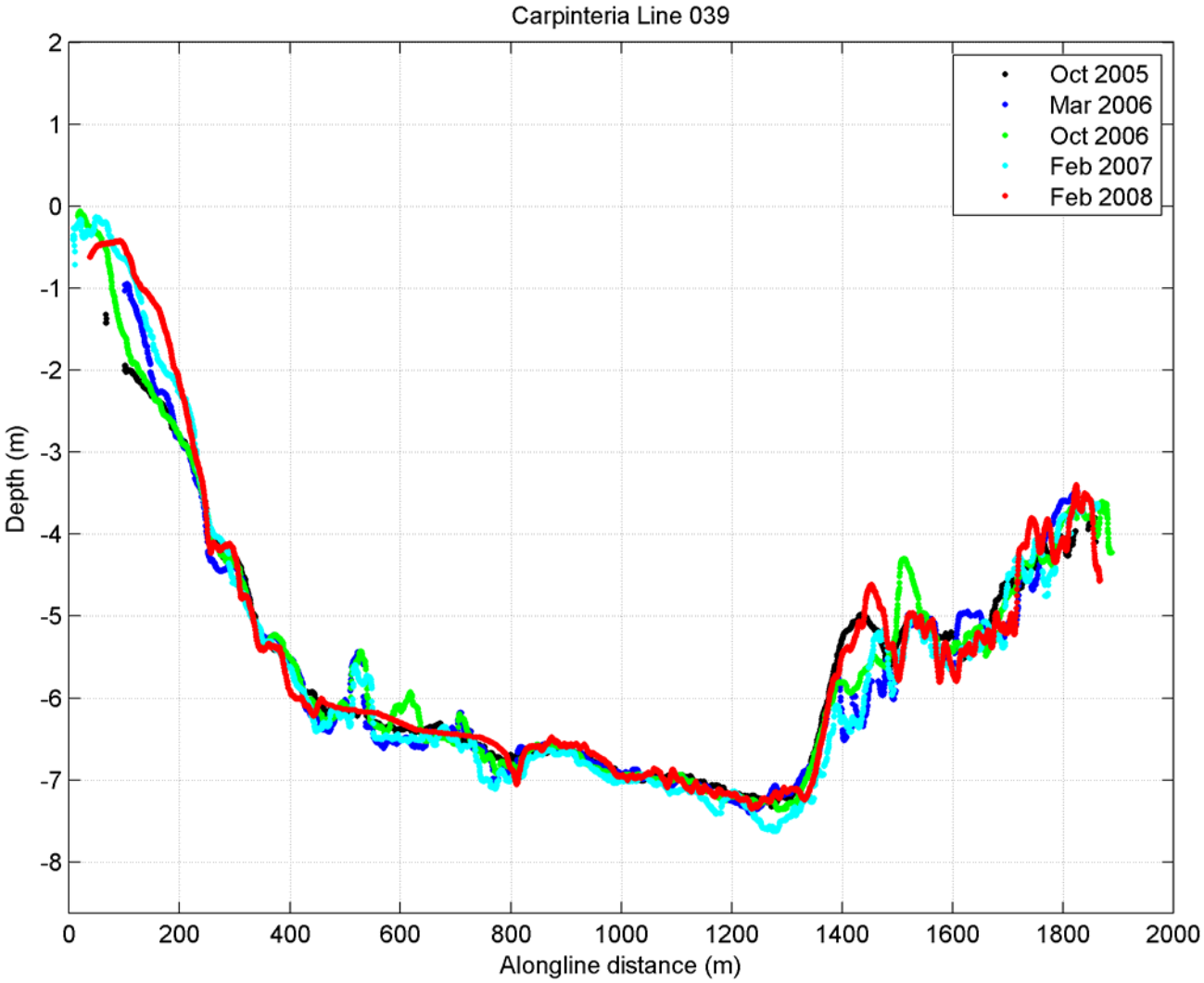

Carpinteria Line 034
Oct 2005
Mar 2006
Feb 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
100
200
300
400
500
600
700
800
900
1000
1100

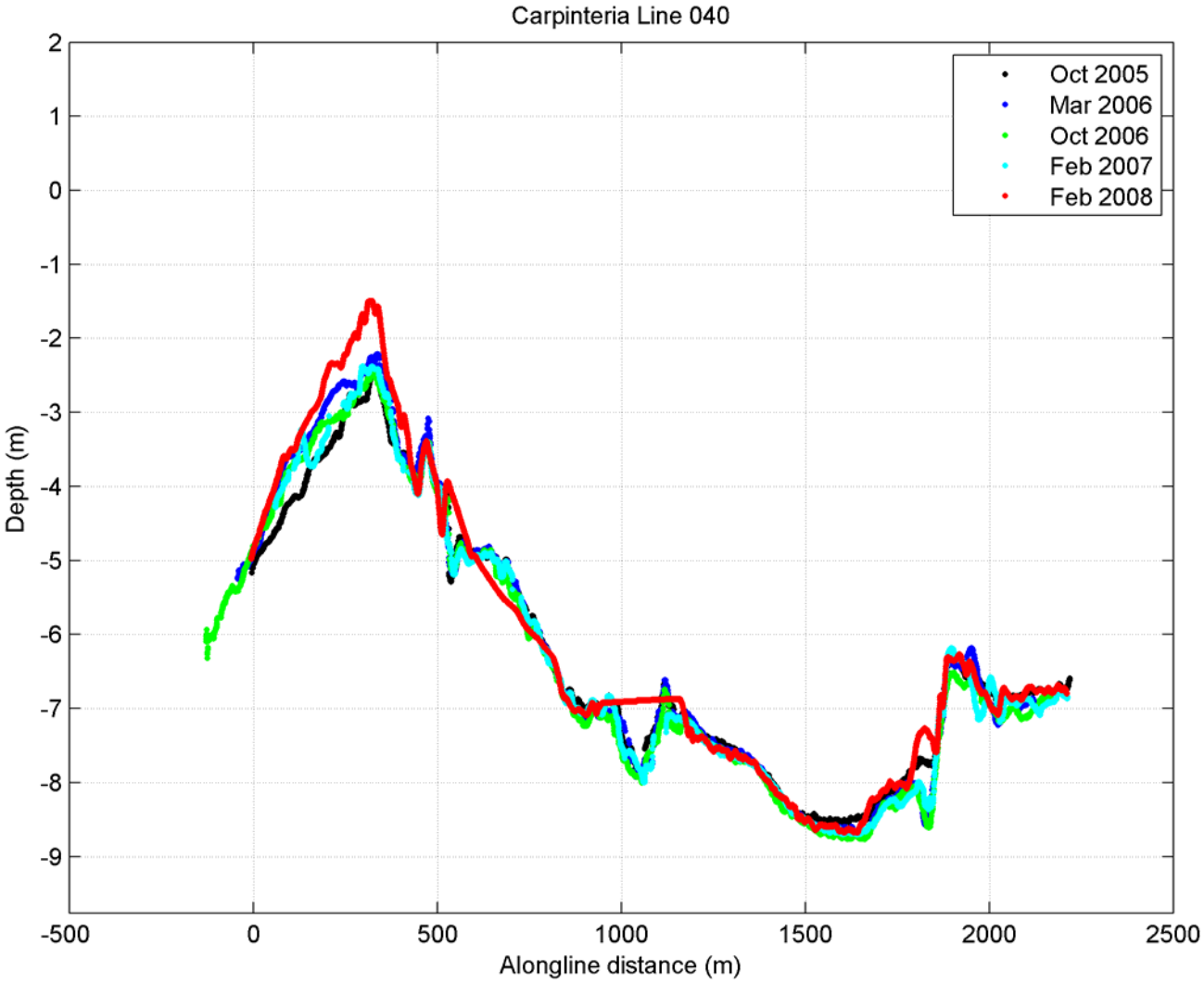

Carpinteria Line 035
Feb 2008
Depth (m)
Alongline distance (m)
2
1
0
-1
-2
-3
-4
-5
-6
-7
-8
-9
600
650
700
750
800
850
900
950
1000
1050

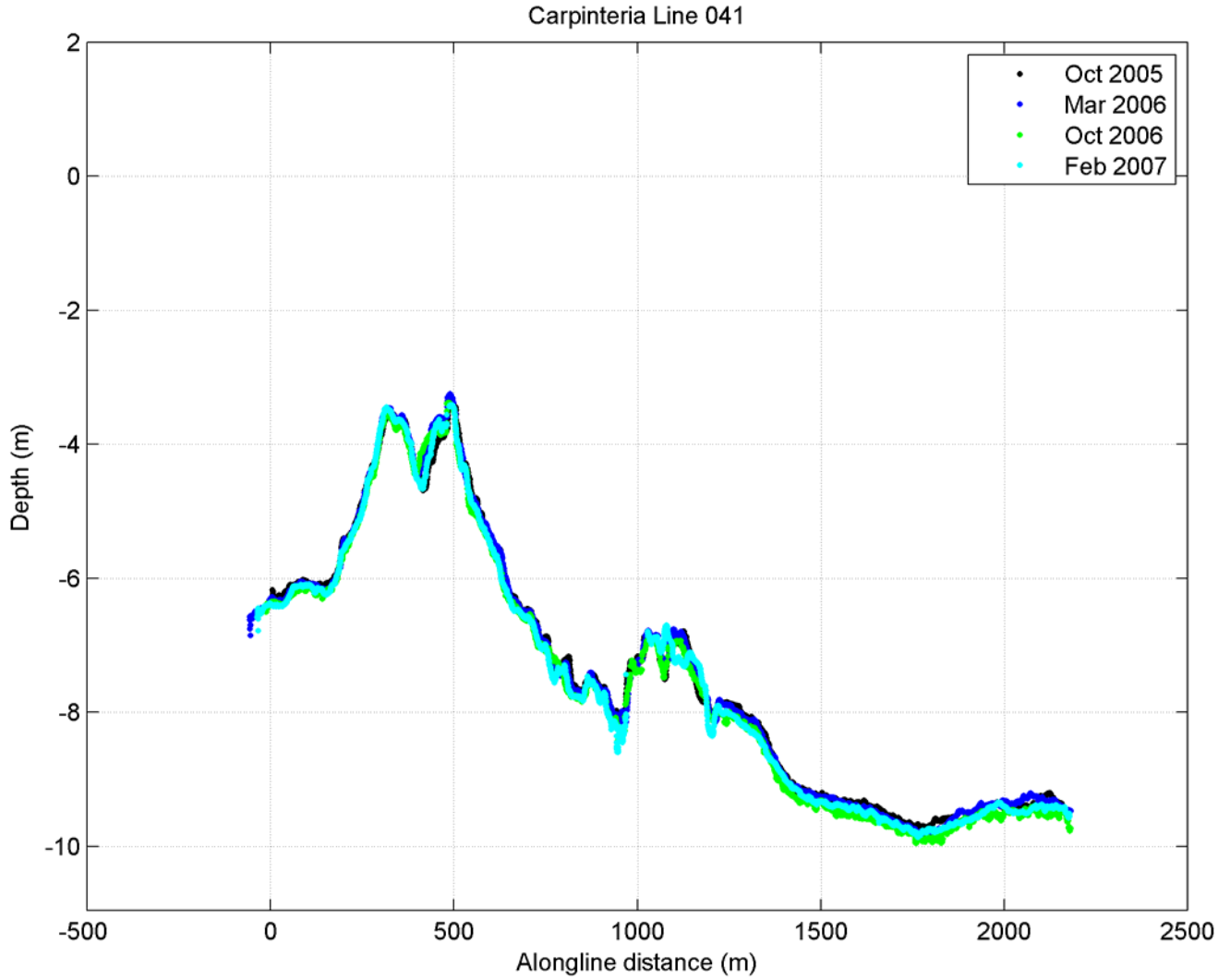

Carpinteria Line 036
Depth (m)
Alongline distance (m)
2
1.5
1
0.5
0
-0.5
-1
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1

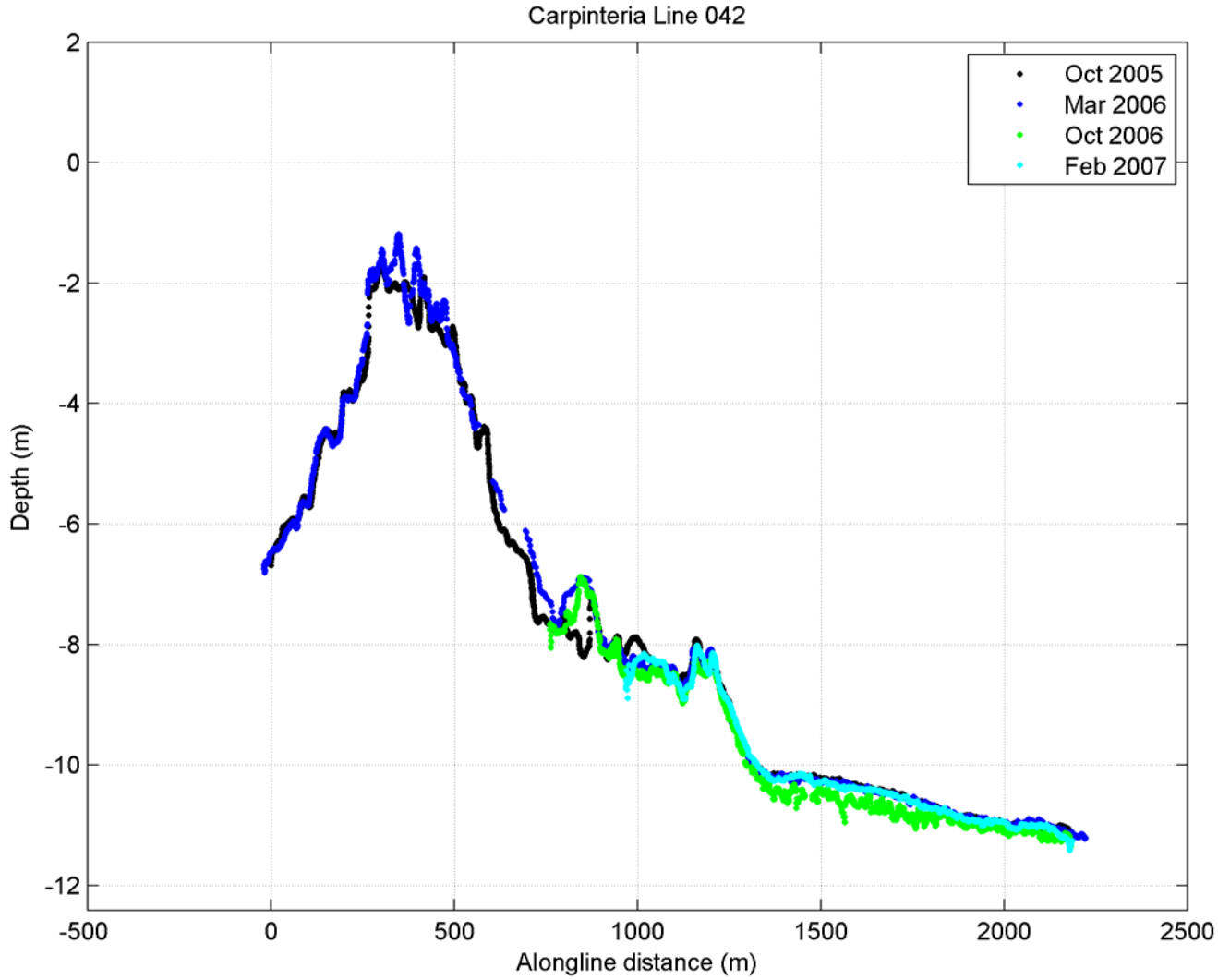

Carpinteria Line 037
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
2
1.5
1
0.5
0
-0.5
-1
-1.5
-2
-2.5
-3
-3.5
-200
0
200
400
600
800
1000
1200
1400
1600


Carpinteria Line 038
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
2
1
0
-1
-2
-3
-4
-5
-6
0
200
400
600
800
1000
1200
1400
1600
1800
2000


Carpinteria Line 039
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Feb 2008
Depth (m)
Alongline distance (m)
2
1
0
-1
-2
-3
-4
-5
-6
-7
-8
0
200
400
600
800
1000
1200
1400
1600
1800
2000


Carpinteria Line 040
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Feb 2008
Depth (m)
Alongline distance (m)
2
1
0
-1
-2
-3
-4
-5
-6
-7
-8
-9
-500
0
500
1000
1500
2000
2500


Carpinteria Line 041
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
-500
0
500
1000
1500
2000
2500


Carpinteria Line 042
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
-12
-500
0
500
1000
1500
2000
2500

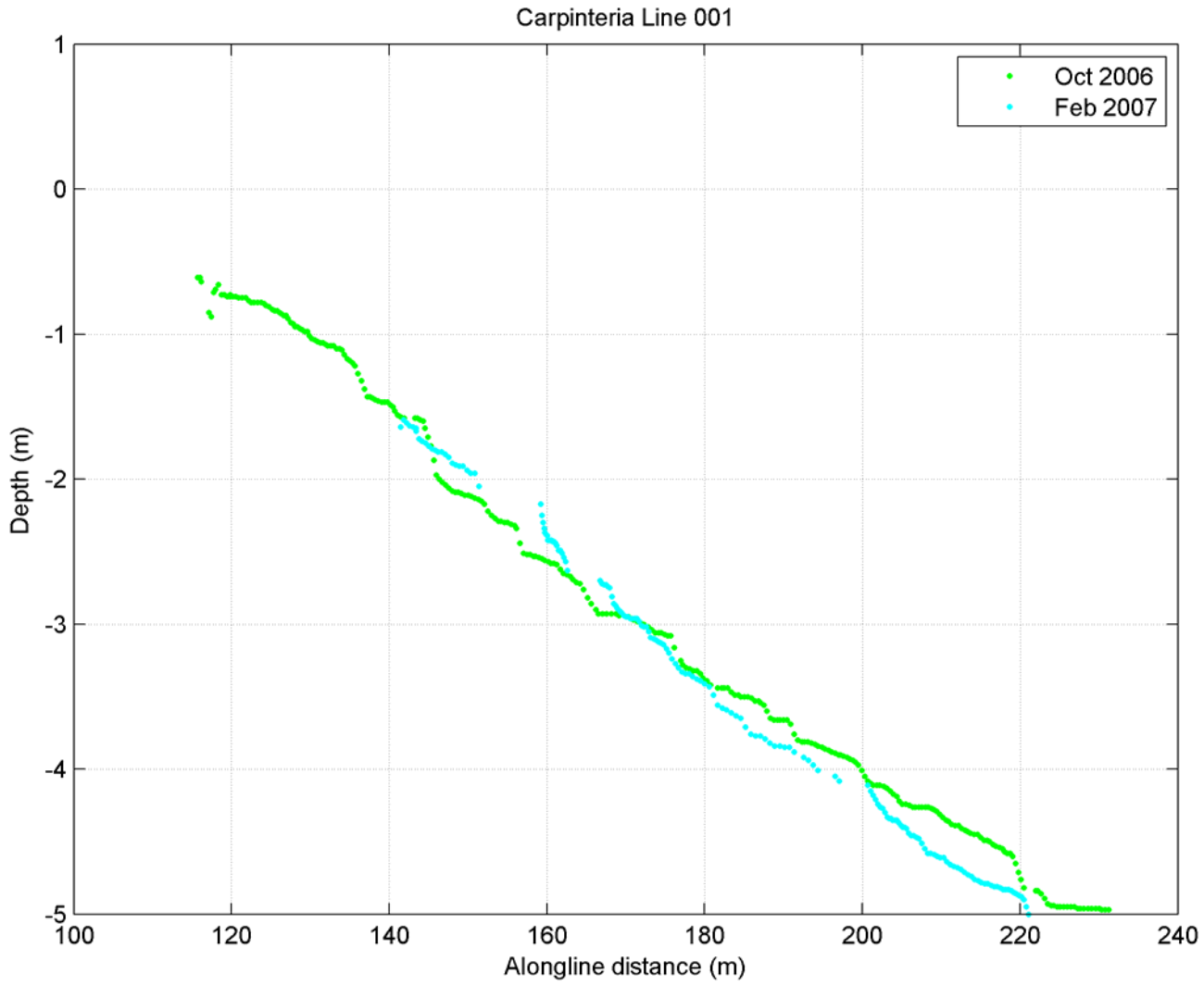
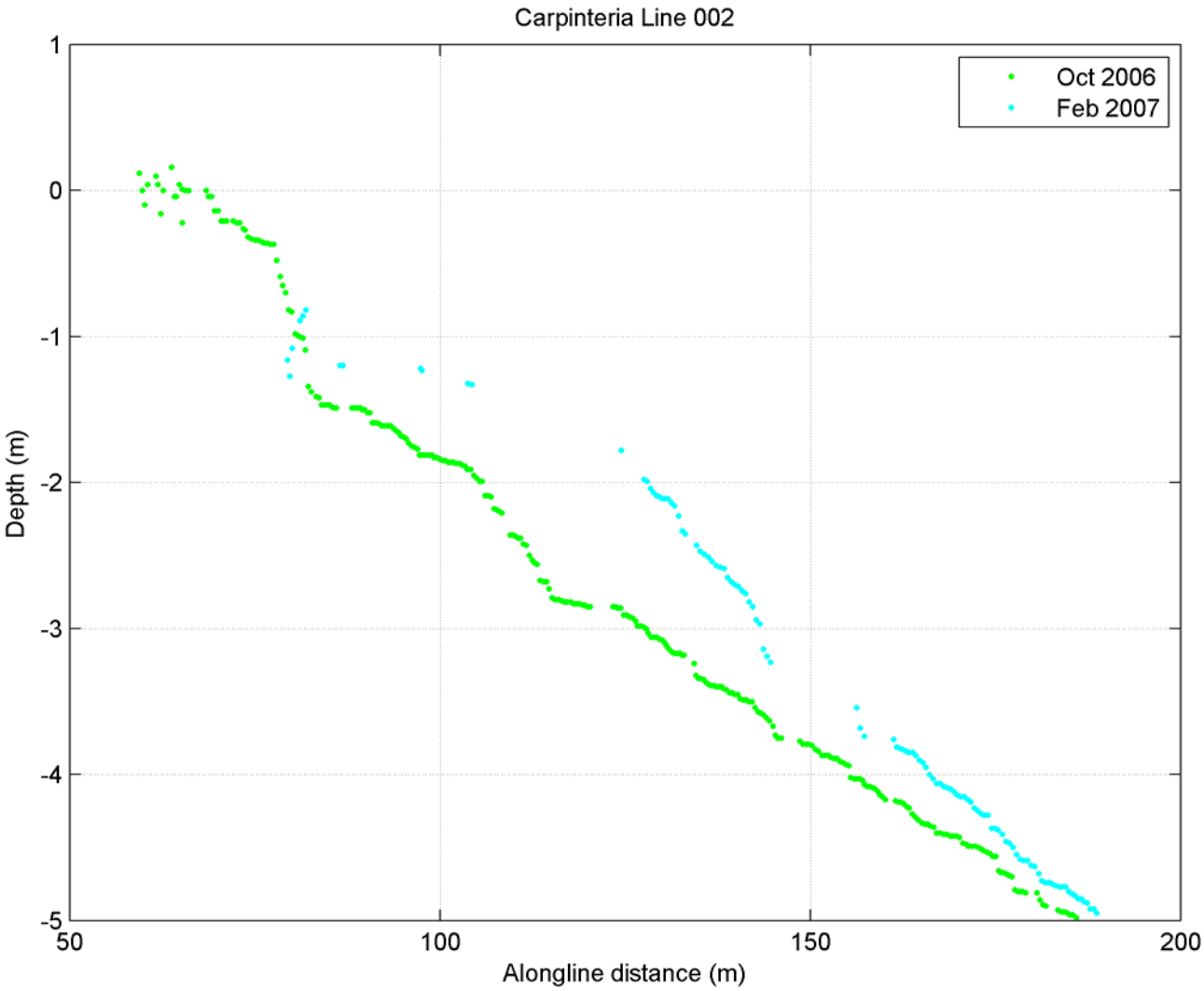
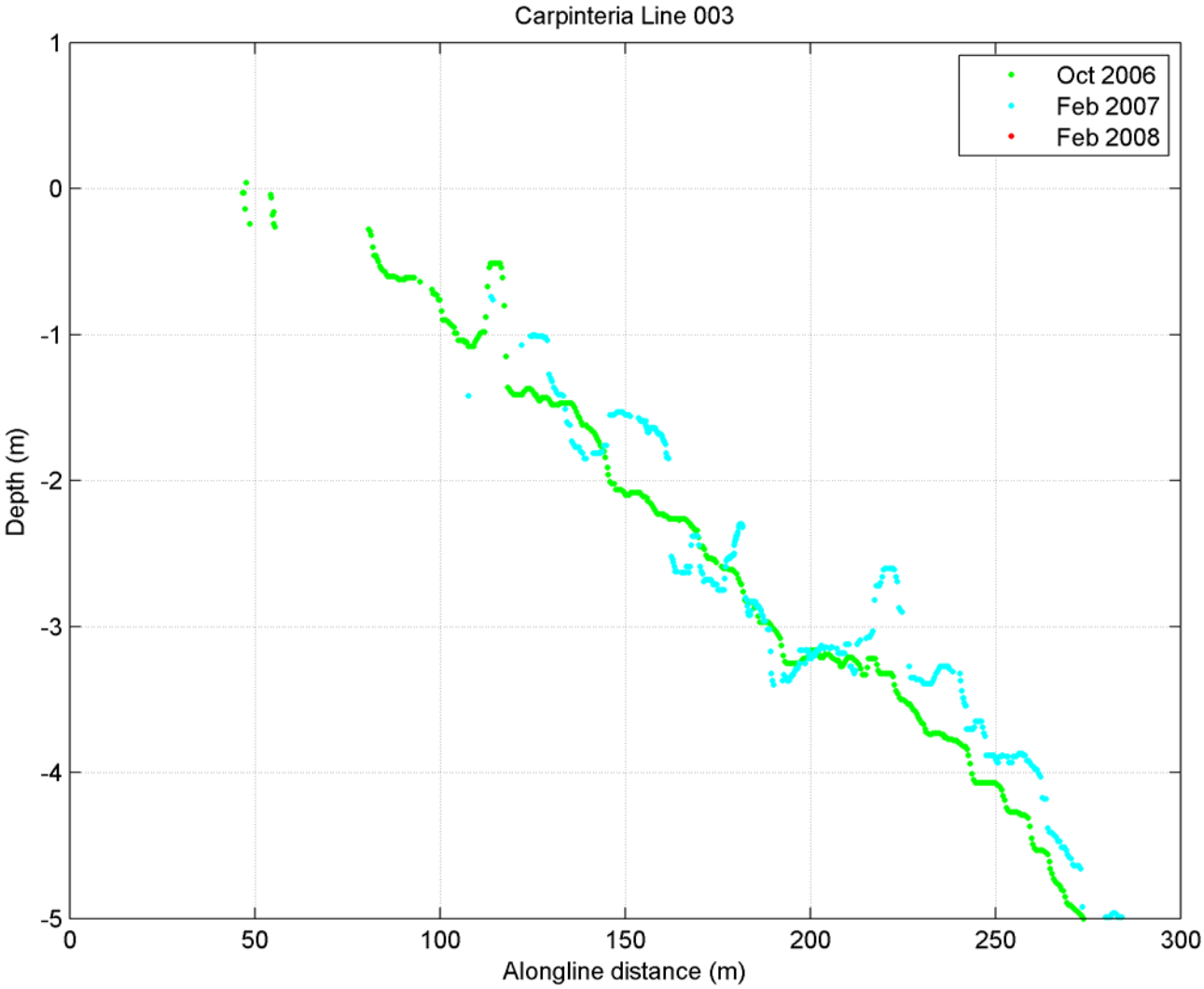
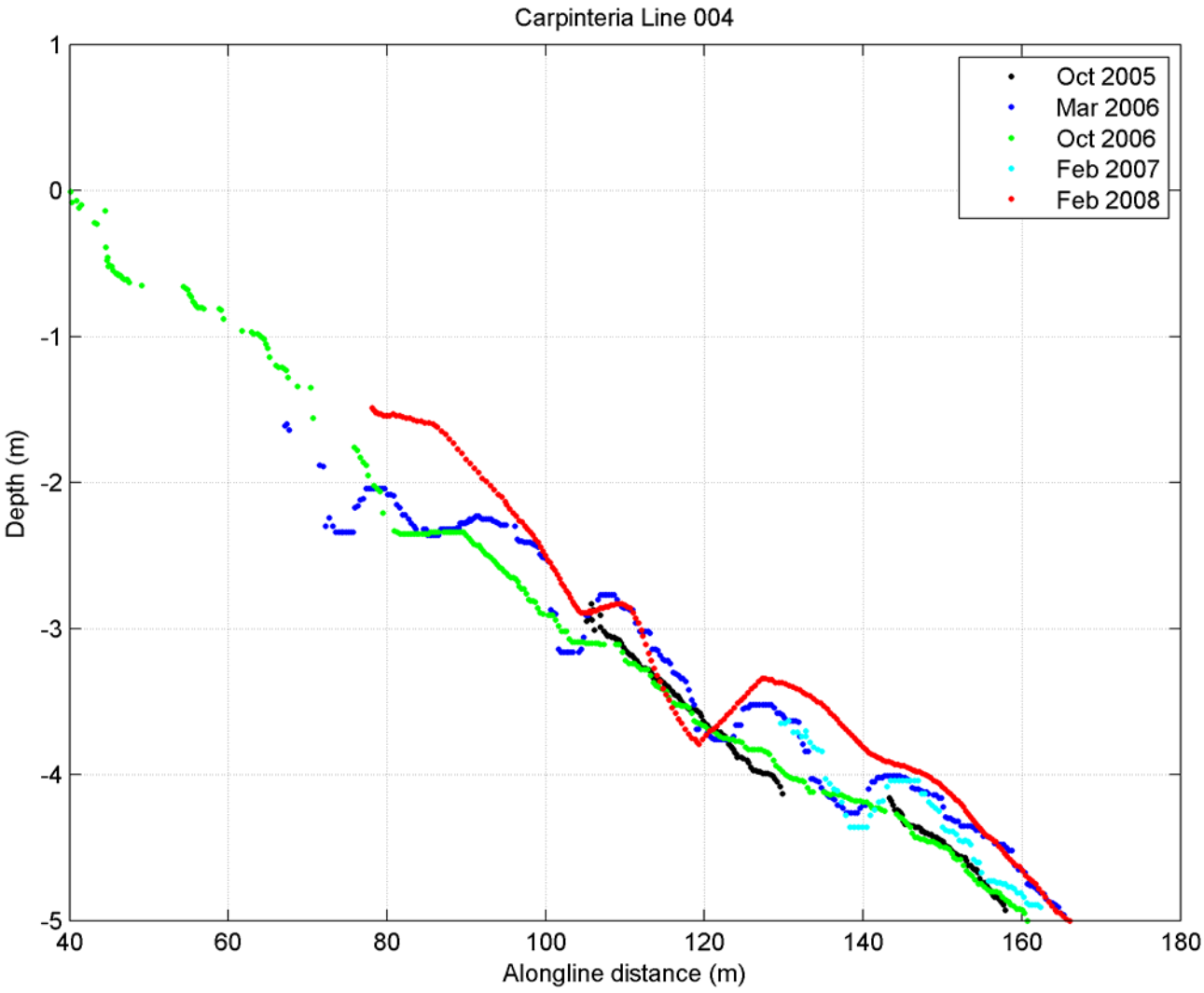
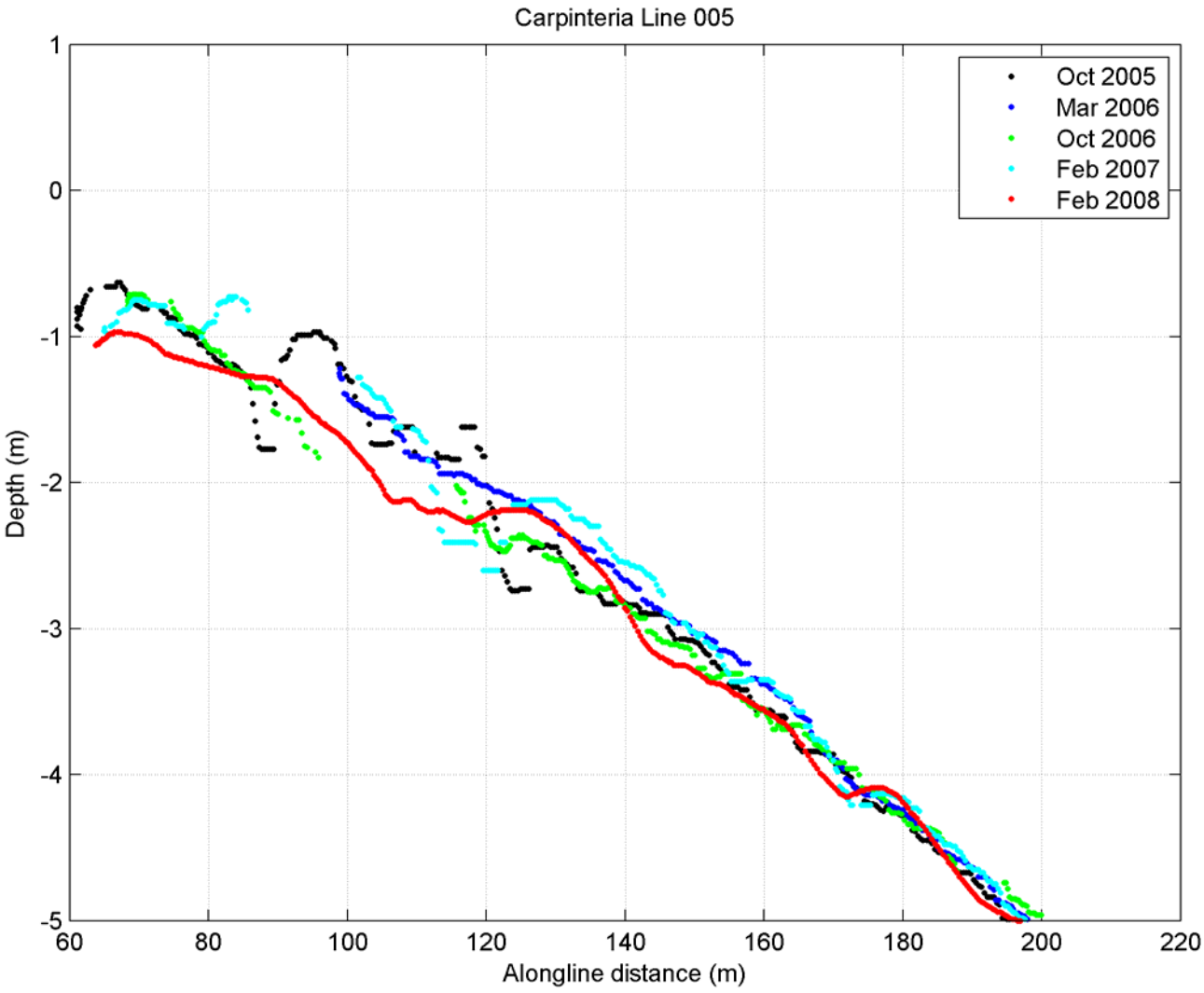


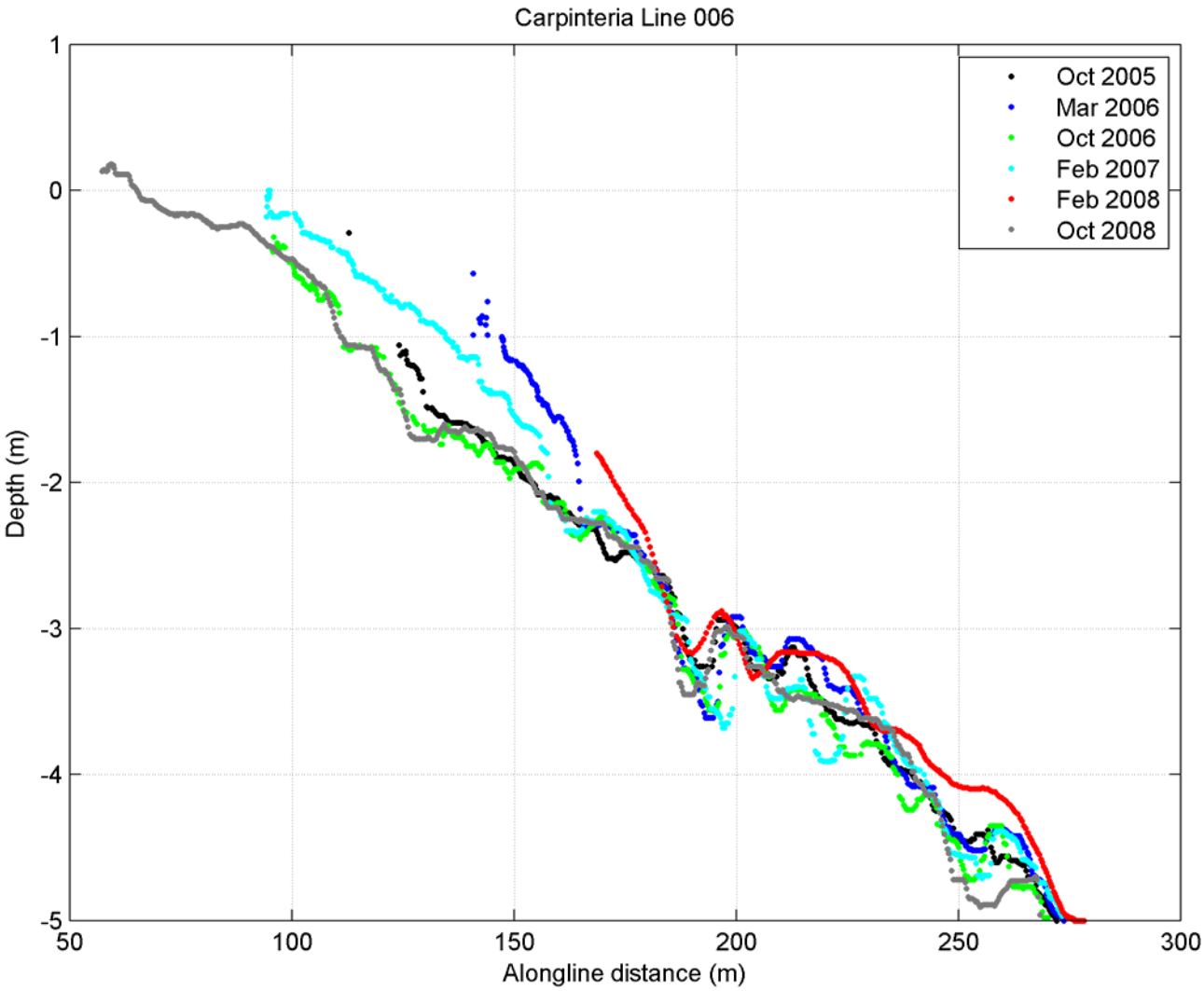
Figure C7. Carpinteria Coastal Profiling System focus (depths shallower than 5 m) plots, survey lines 1-42.

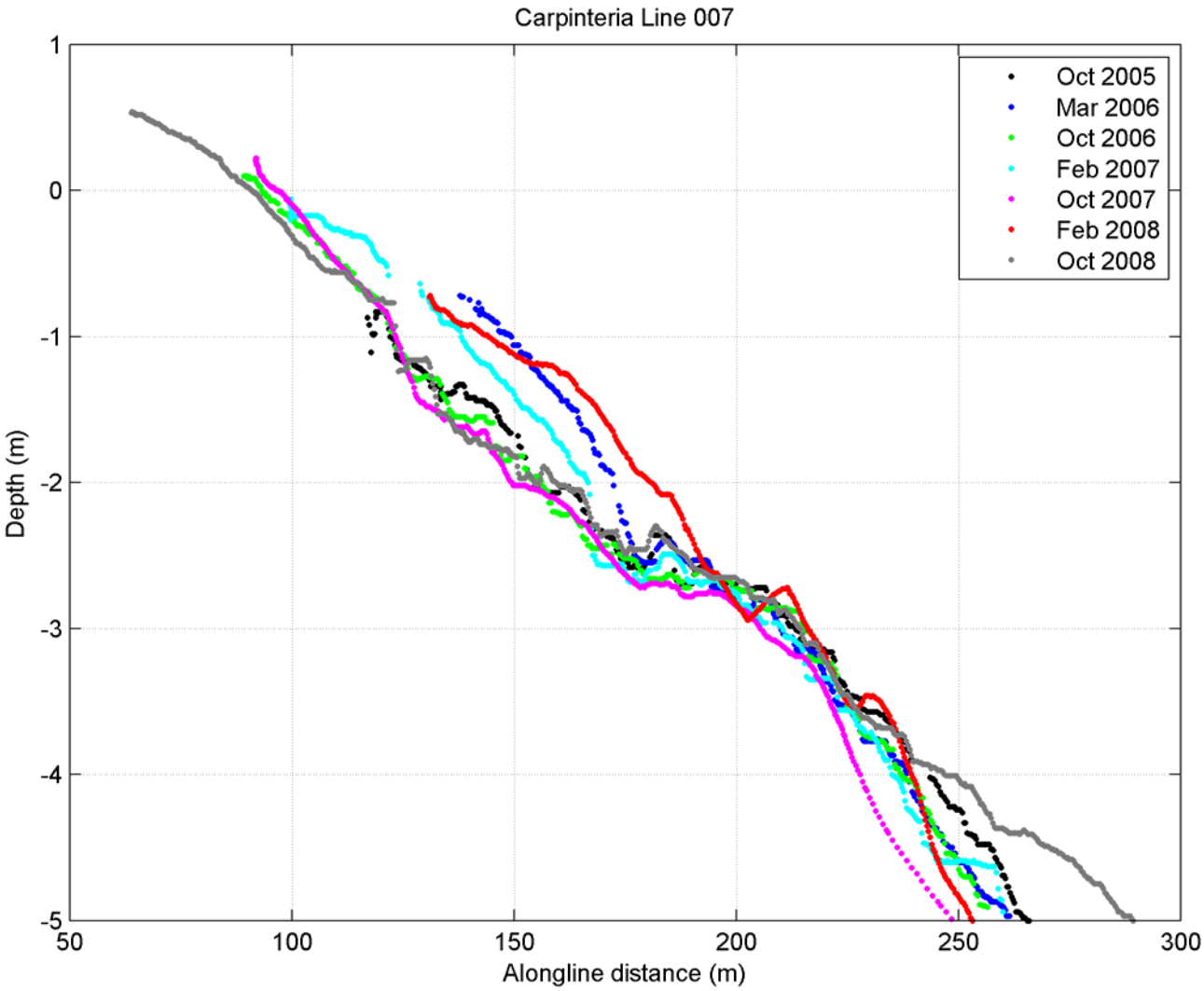

Carpinteria Line 002
Oct 2006
Feb 2007
Depth (m)
Alongline distance (m)
1
0
-1
-2
-3
-4
-5
50
100
150
200

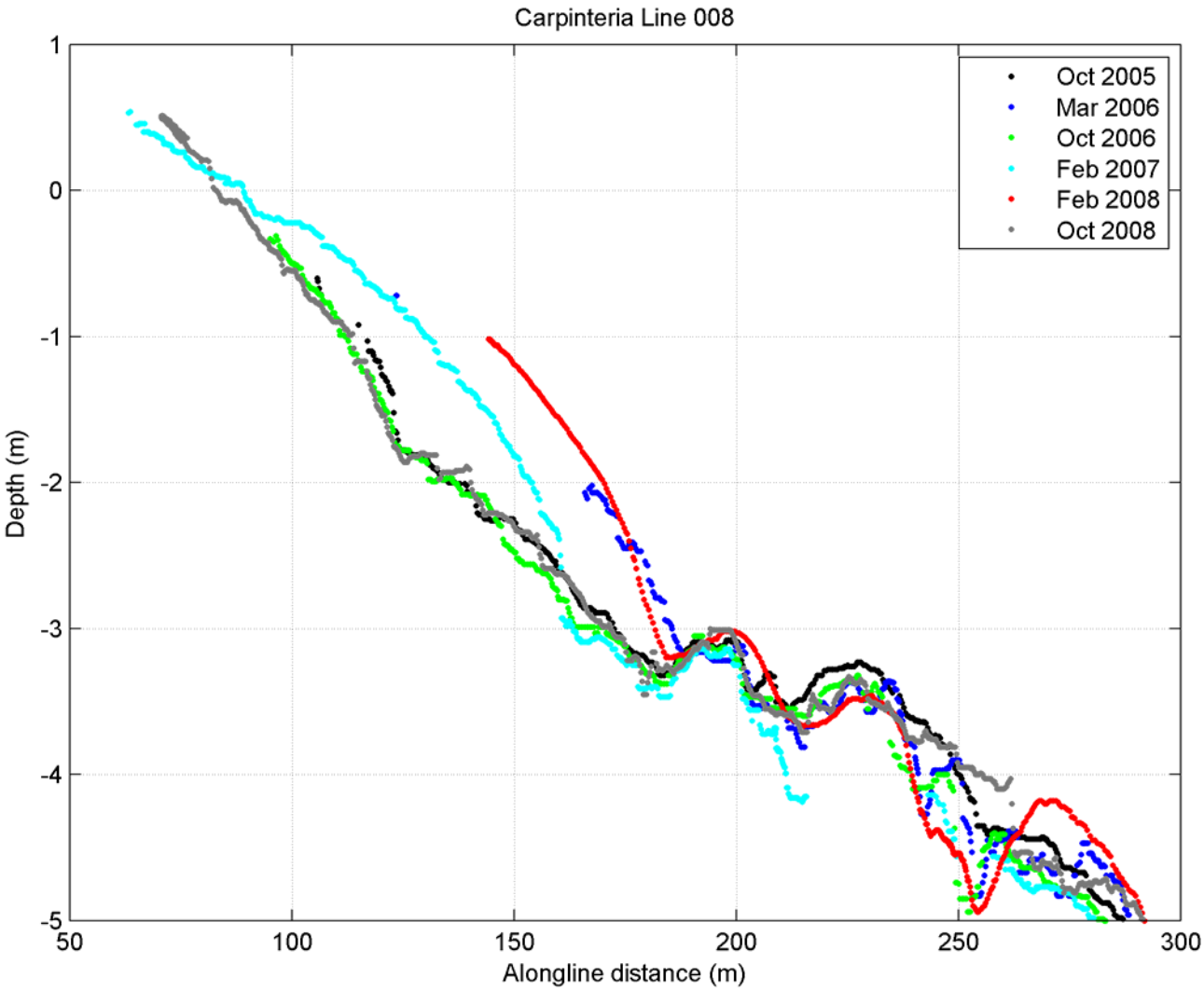

Carpinteria Line 003
Oct 2006
Feb 2007
Feb 2008
Depth (m)
Alongline distance (m)
1
0
-1
-2
-3
-4
-5
0
50
100
150
200
250
300

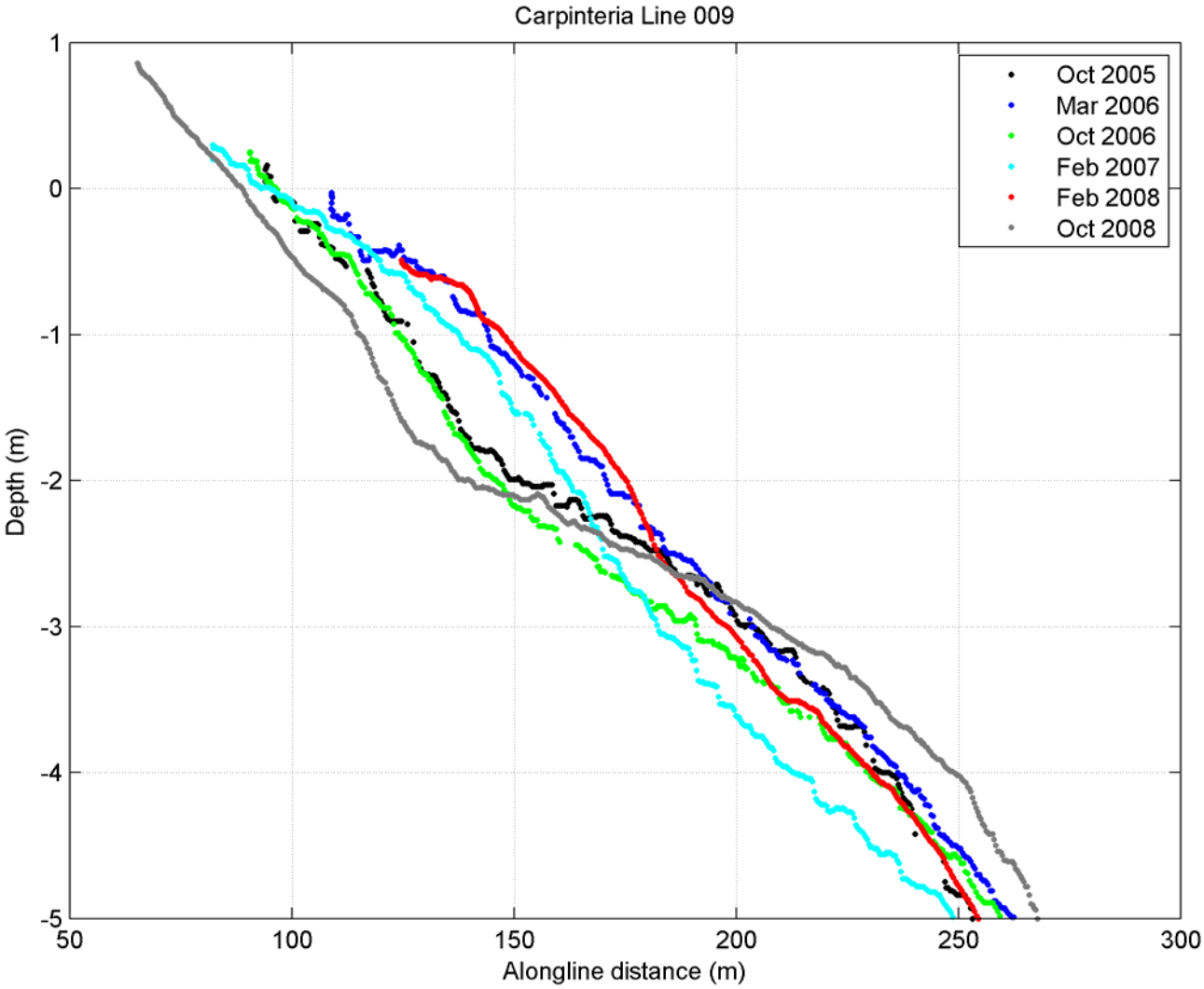

Carpinteria Line 004
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Feb 2008
Depth (m)
Alongline distance (m)
1
0
-1
-2
-3
-4
-5
40
60
80
100
120
140
160
180

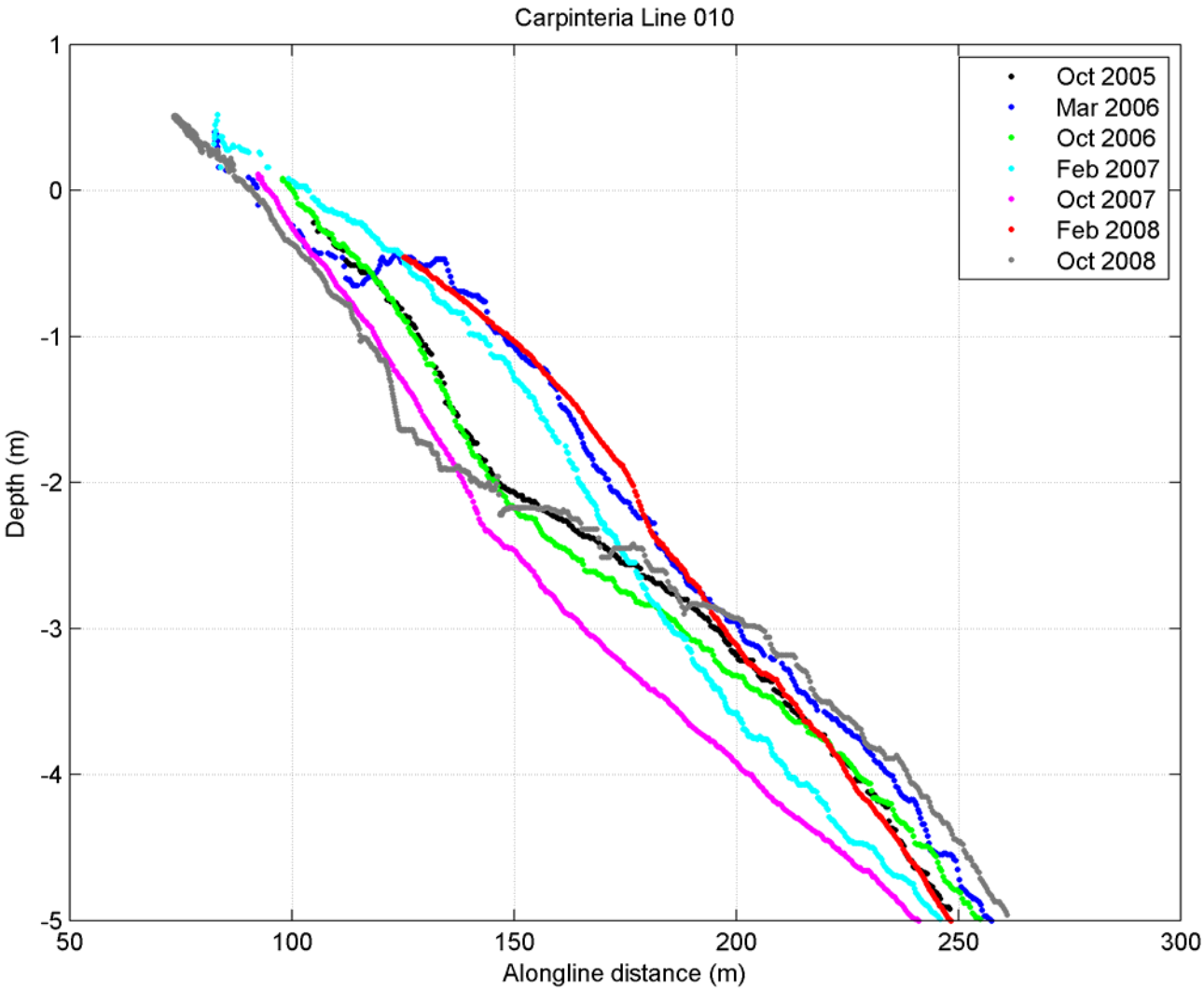

Carpinteria Line 005
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Feb 2008
Depth (m)
Alongline distance (m)
1
0
-1
-2
-3
-4
-5
60
80
100
120
140
160
180
200
220

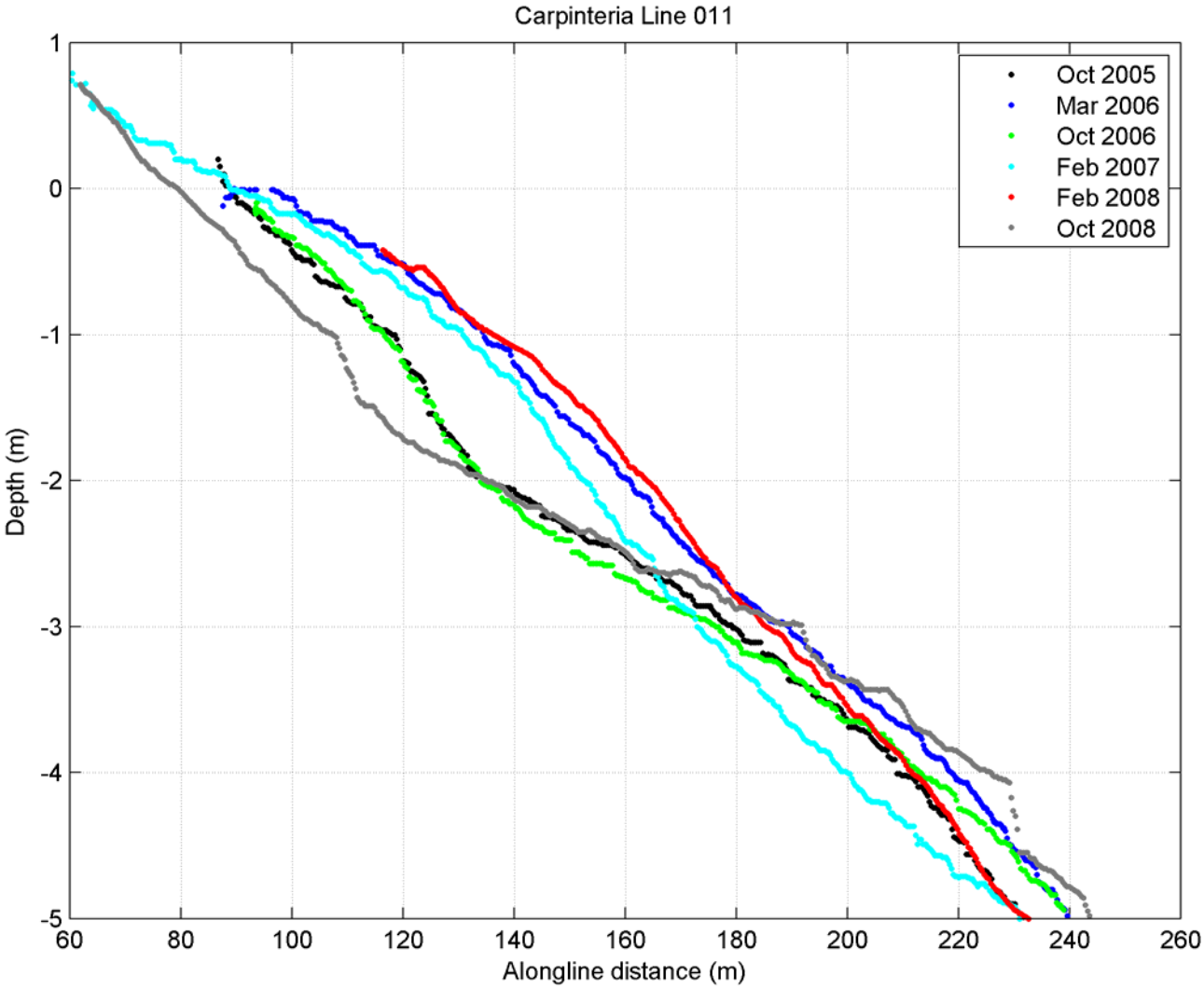

Carpinteria Line 006
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
1
0
-1
-2
-3
-4
-5
50
100
150
200
250
300

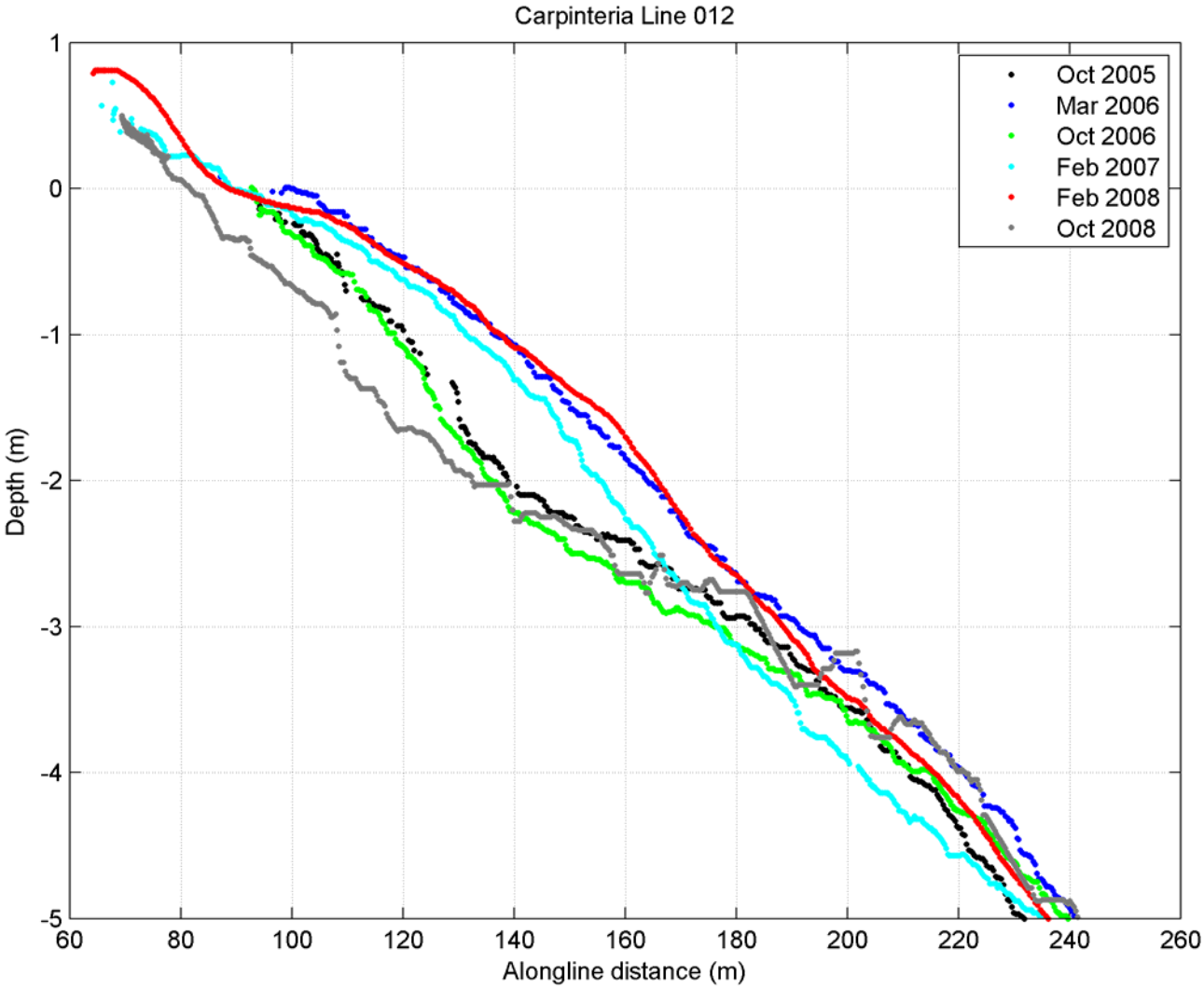

Carpinteria Line 007
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
1
0
-1
-2
-3
-4
-5
50
100
150
200
250
300

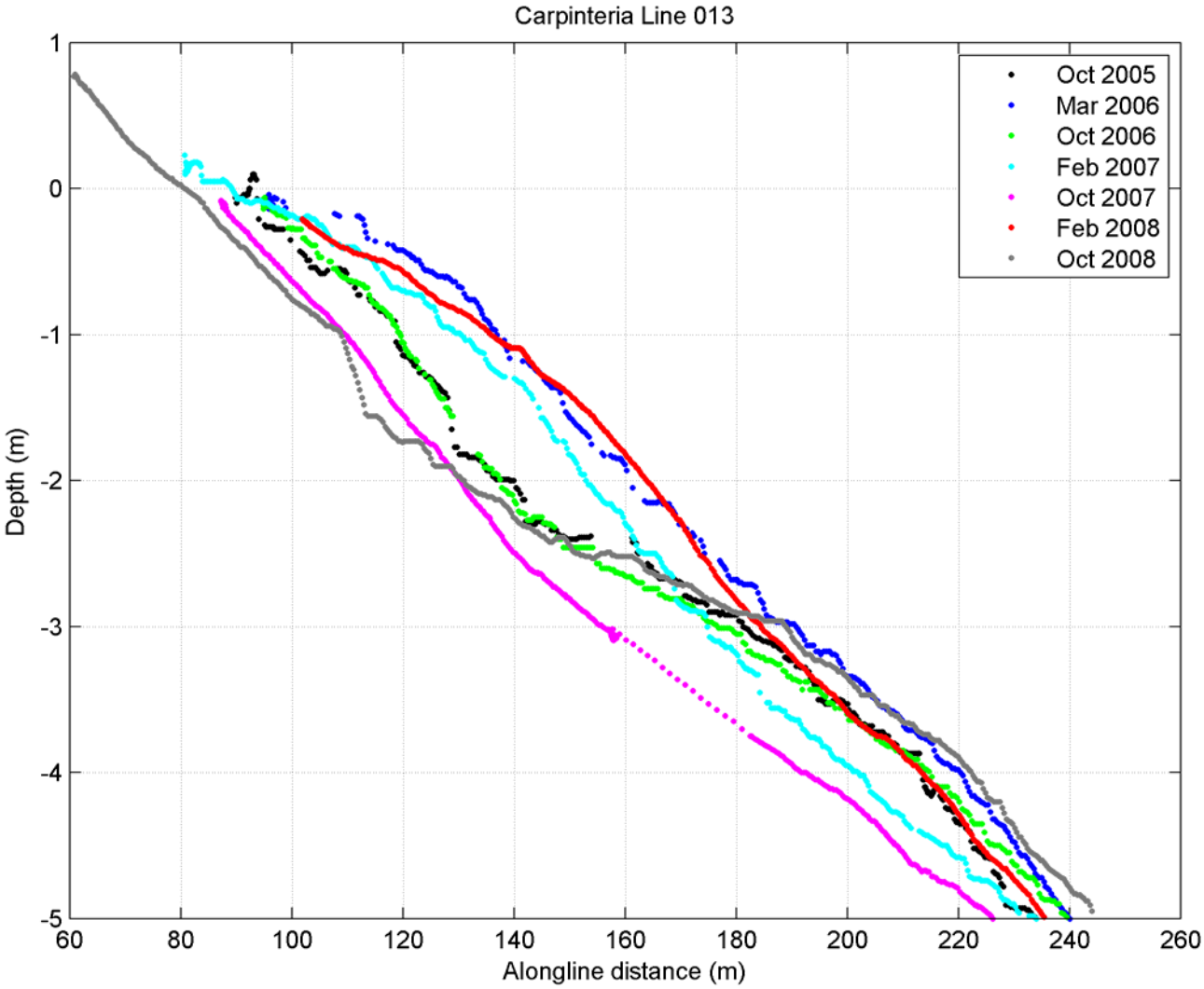

Carpinteria Line 008
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
1
0
-1
-2
-3
-4
-5
50
100
150
200
250
300

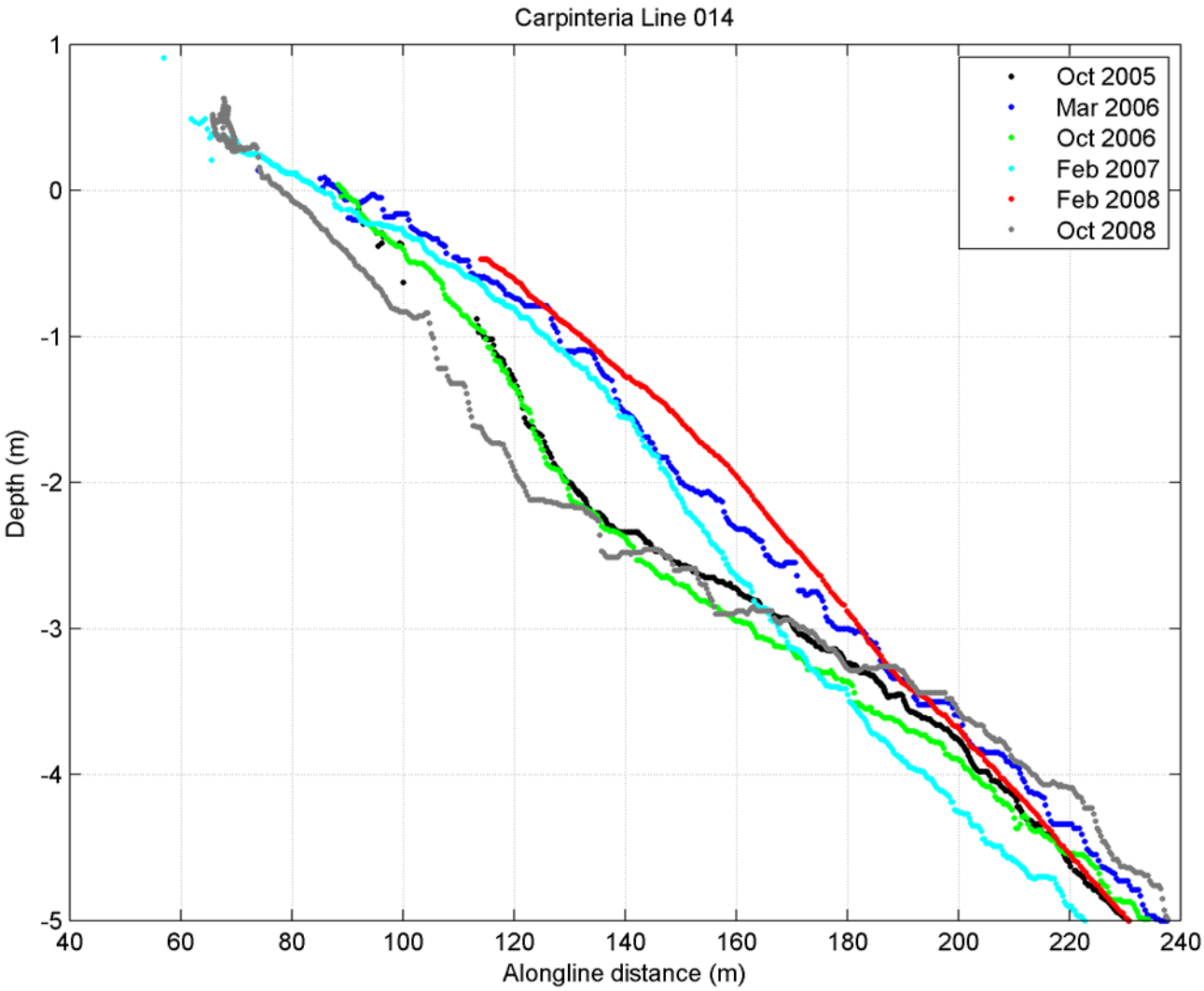

Carpinteria Line 009
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
1
0
-1
-2
-3
-4
-5
50
100
150
200
250
300

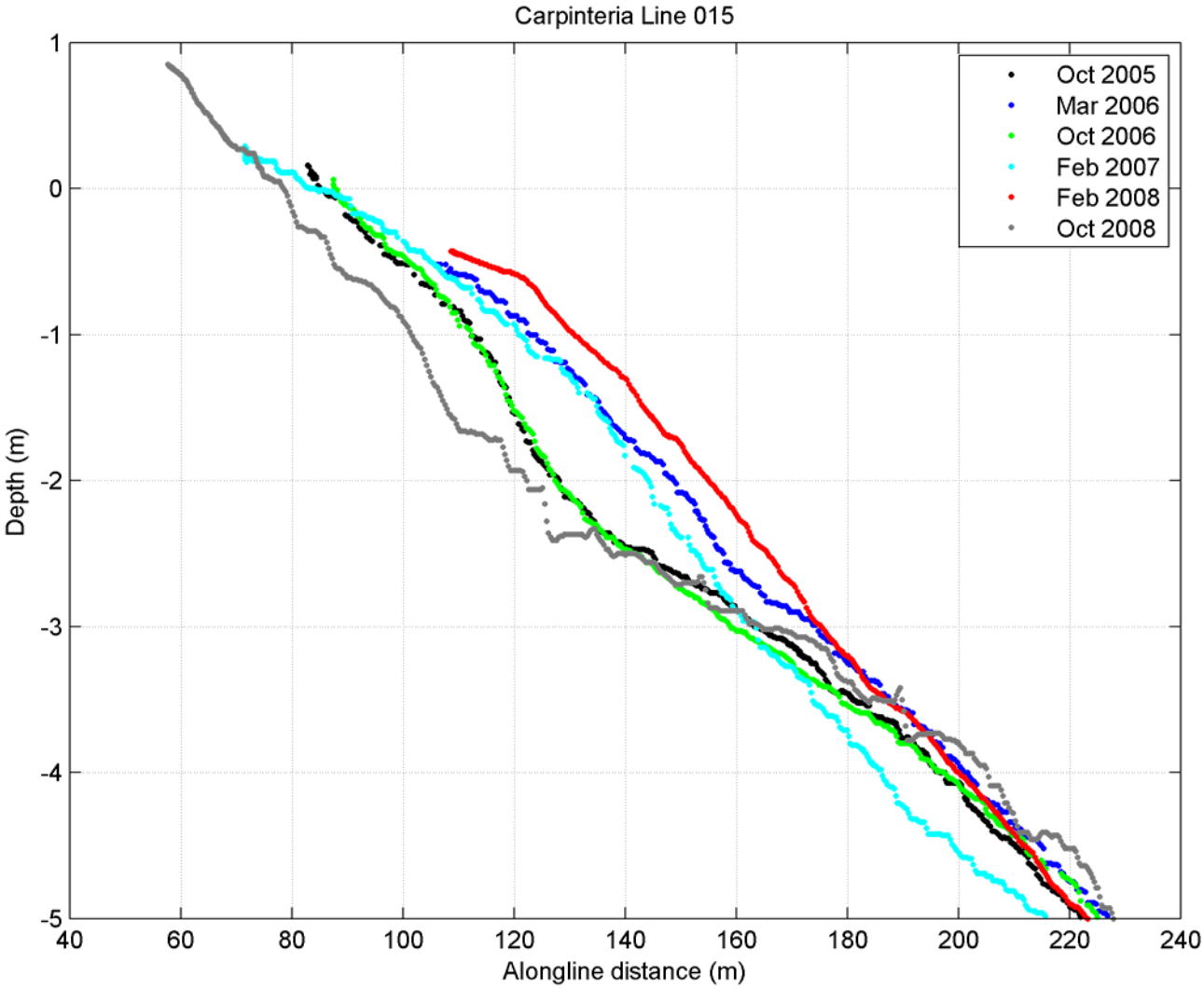

Carpinteria Line 010
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
1
0
-1
-2
-3
-4
-5
50
100
150
200
250
300

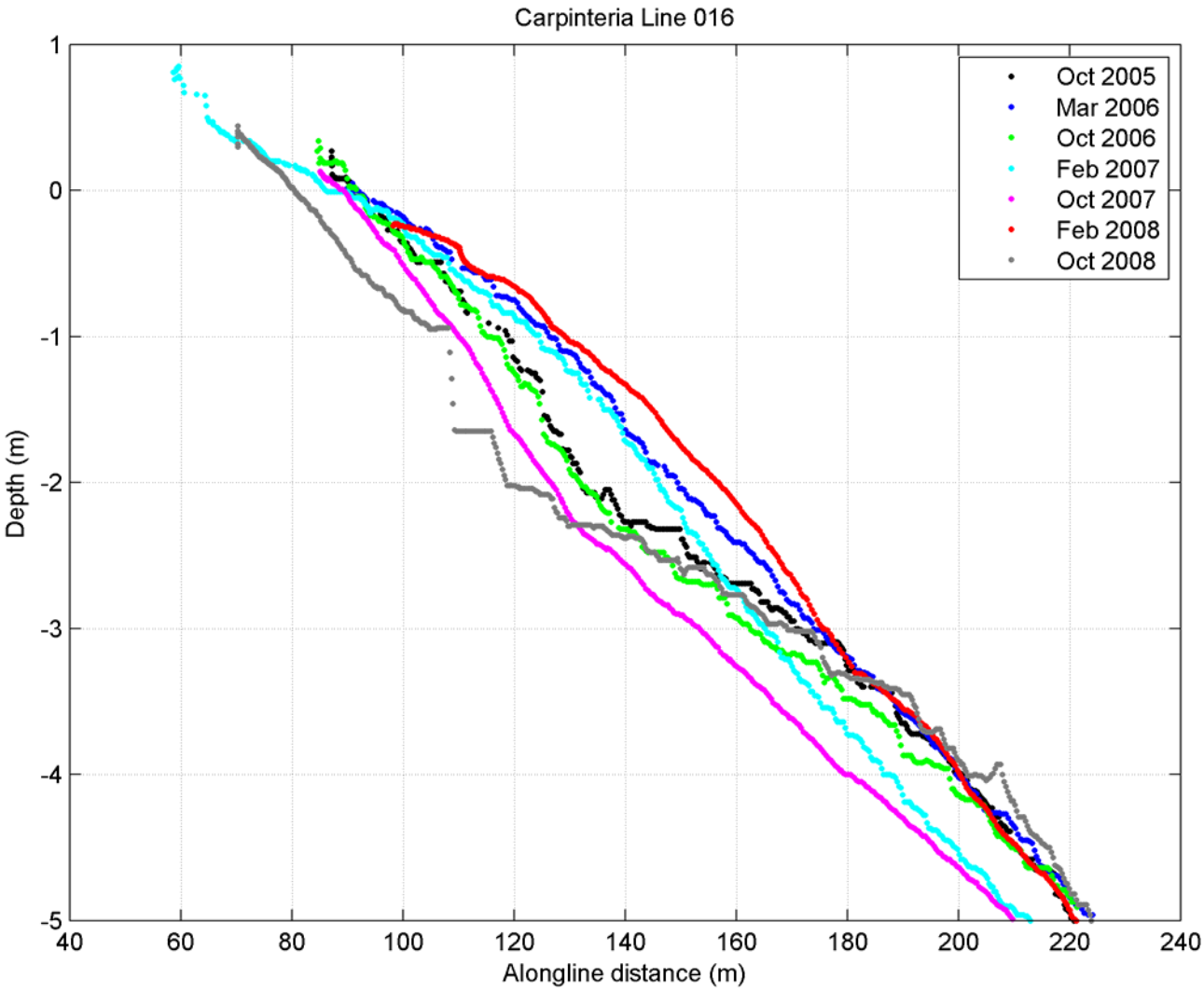

Carpinteria Line 011
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
1
0
-1
-2
-3
-4
-5
60
80
100
120
140
160
180
200
220
240
260

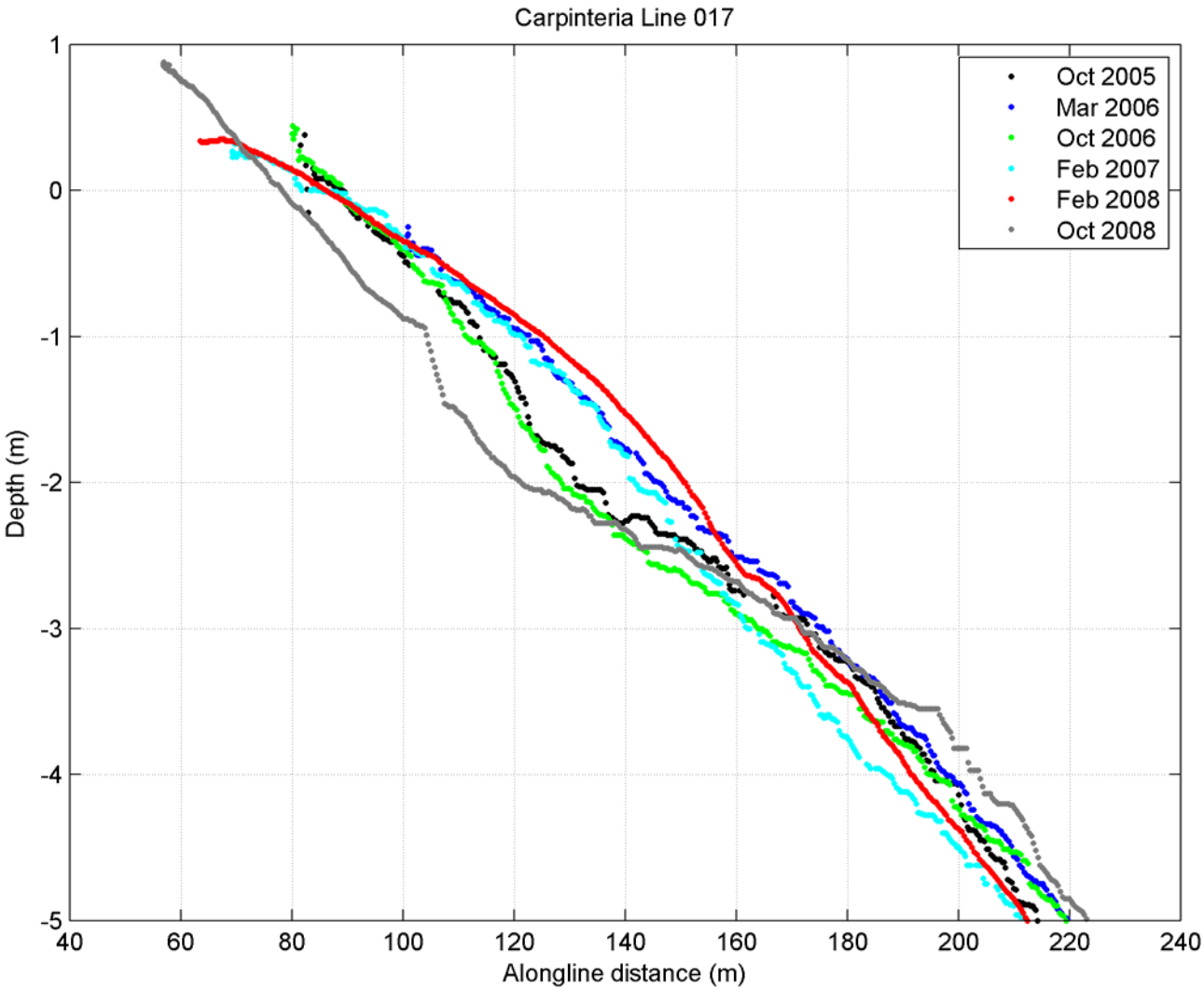

Carpinteria Line 012
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
1
0
-1
-2
-3
-4
-5
60
80
100
120
140
160
180
200
220
240
260

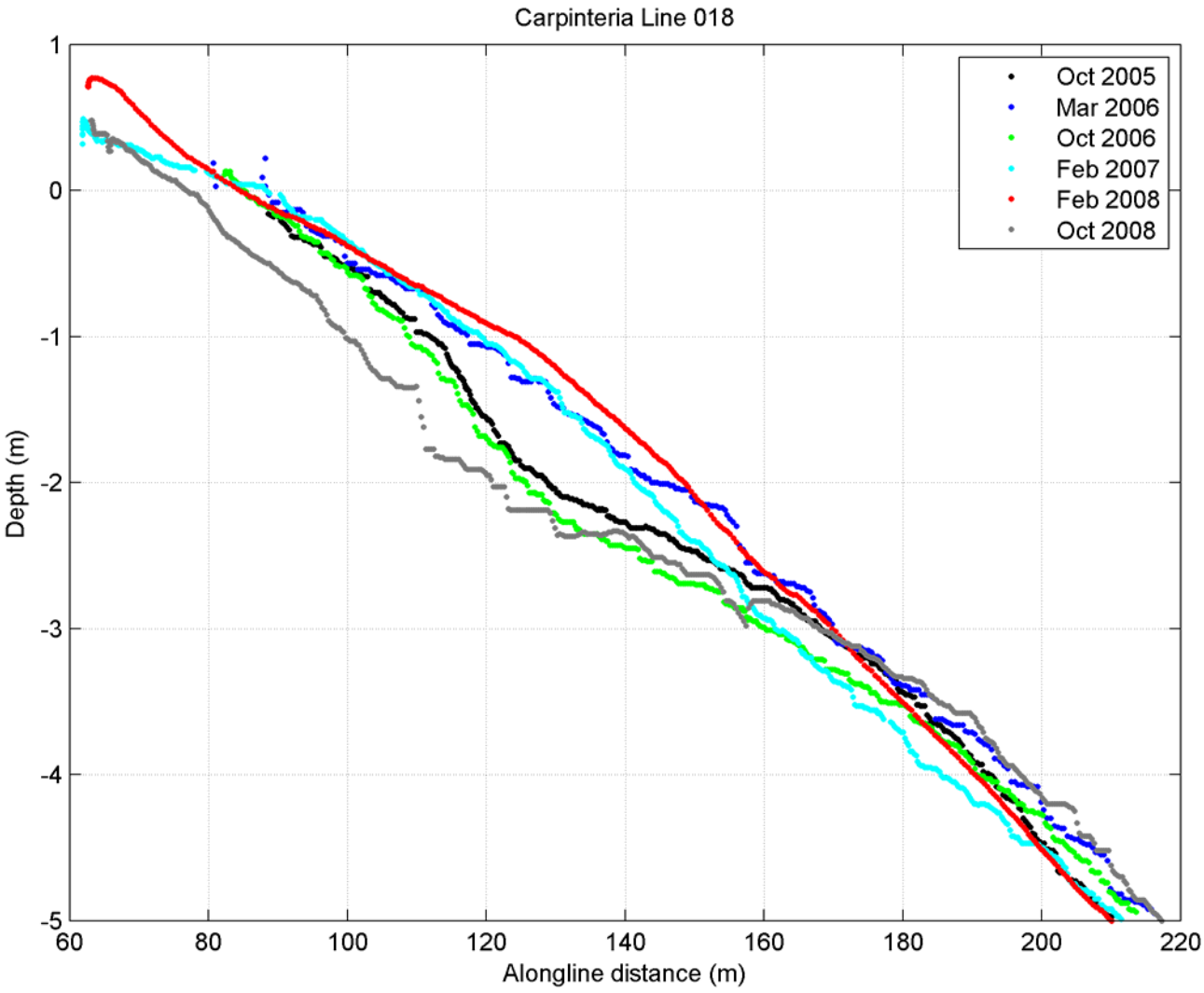

Carpinteria Line 013
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
1
0
-1
-2
-3
-4
-5
60
80
100
120
140
160
180
200
220
240
260

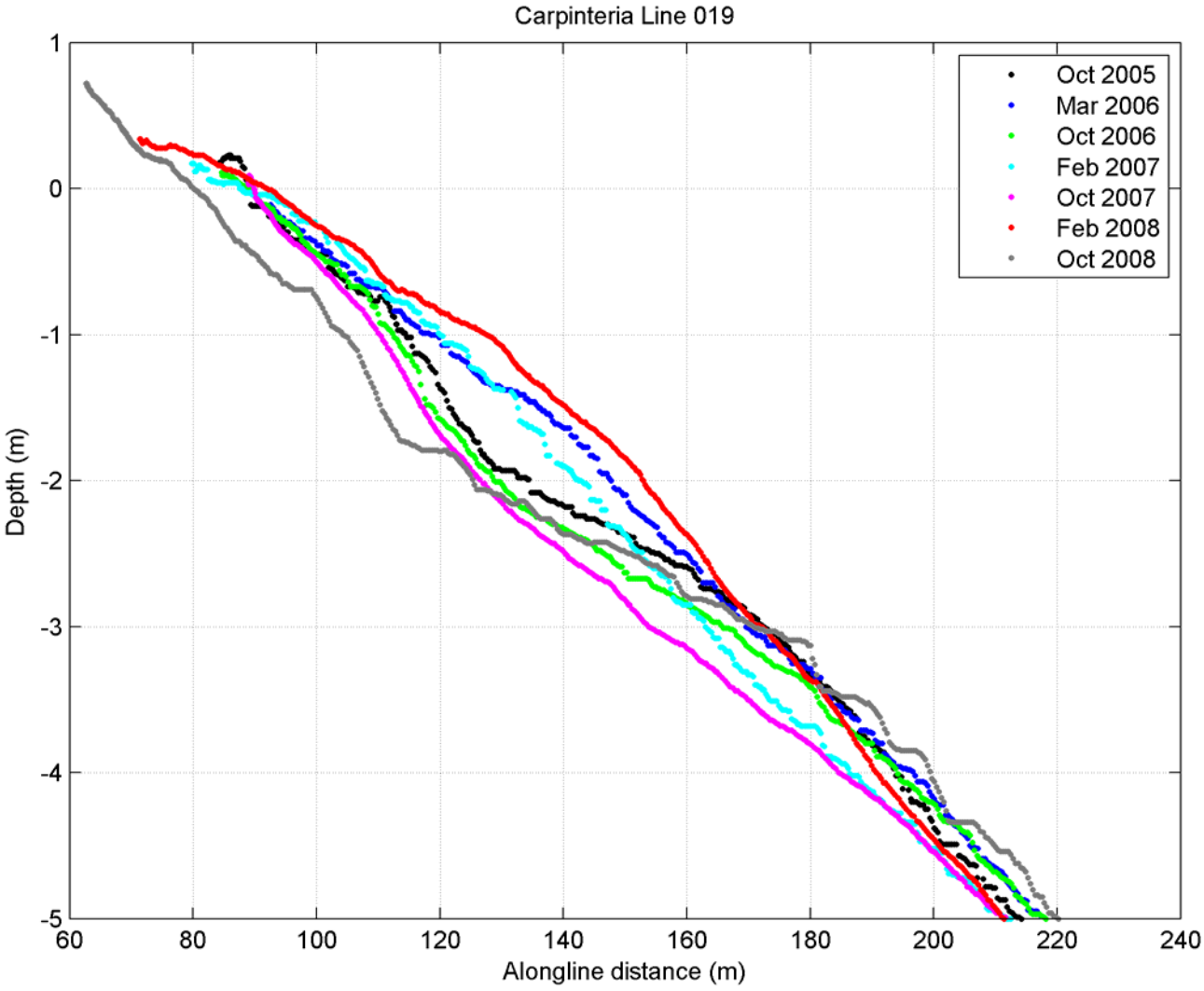

Carpinteria Line 014
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
1
0
-1
-2
-3
-4
-5
40
60
80
100
120
140
160
180
200
220
240

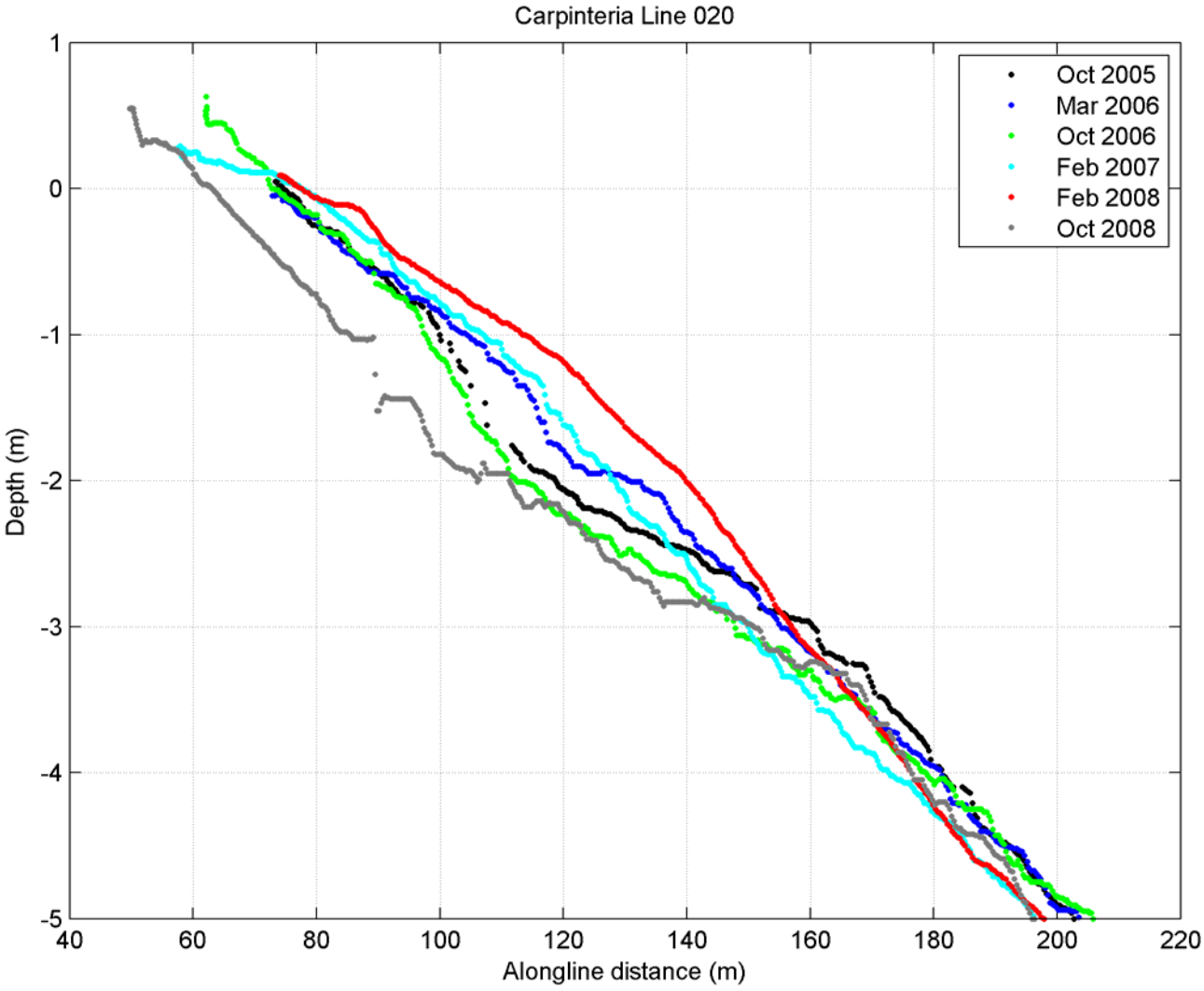

Carpinteria Line 015
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
1
0
-1
-2
-3
-4
-5
40
60
80
100
120
140
160
180
200
220
240

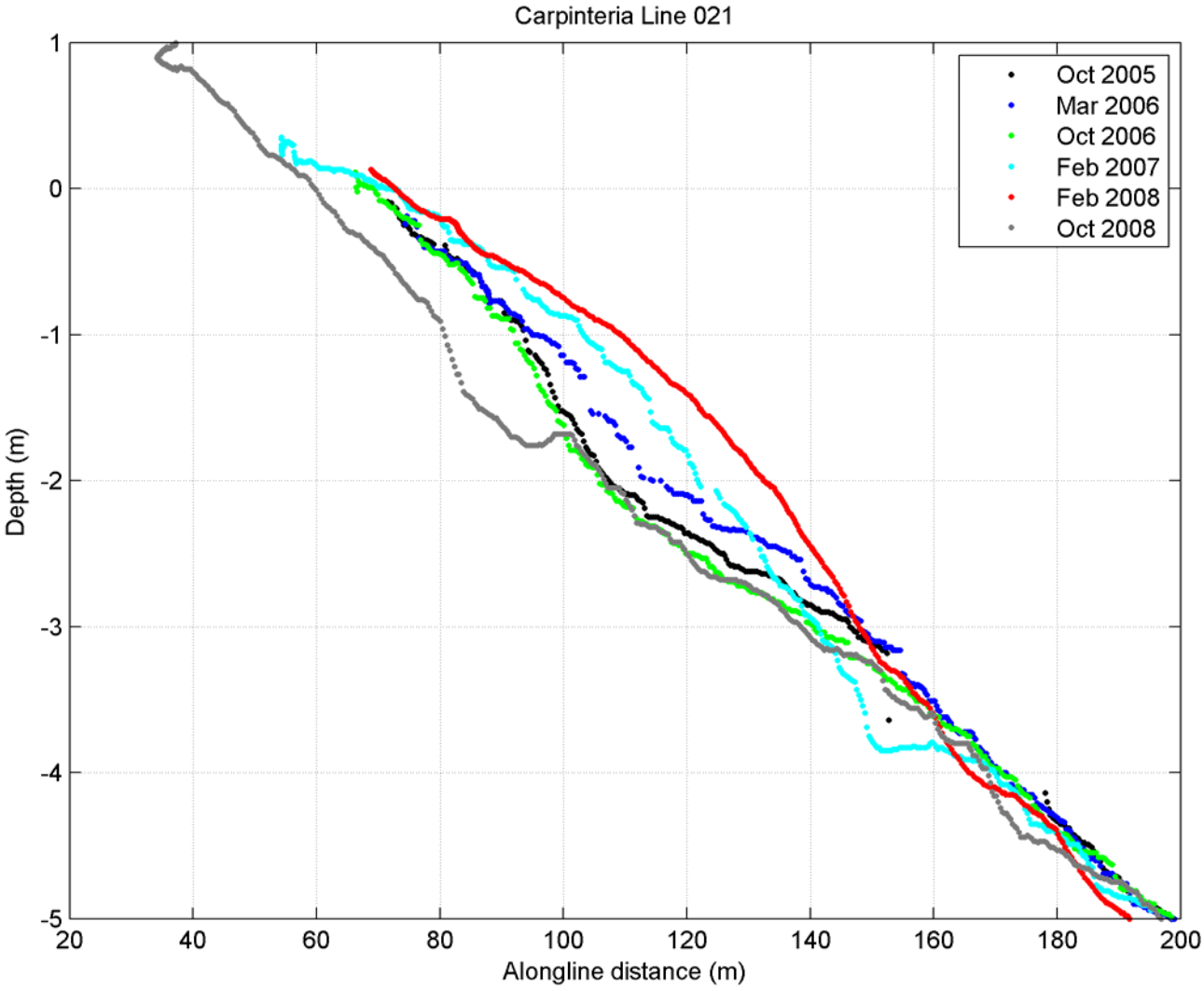

Carpinteria Line 016
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
1
0
-1
-2
-3
-4
-5
40
60
80
100
120
140
160
180
200
220
240

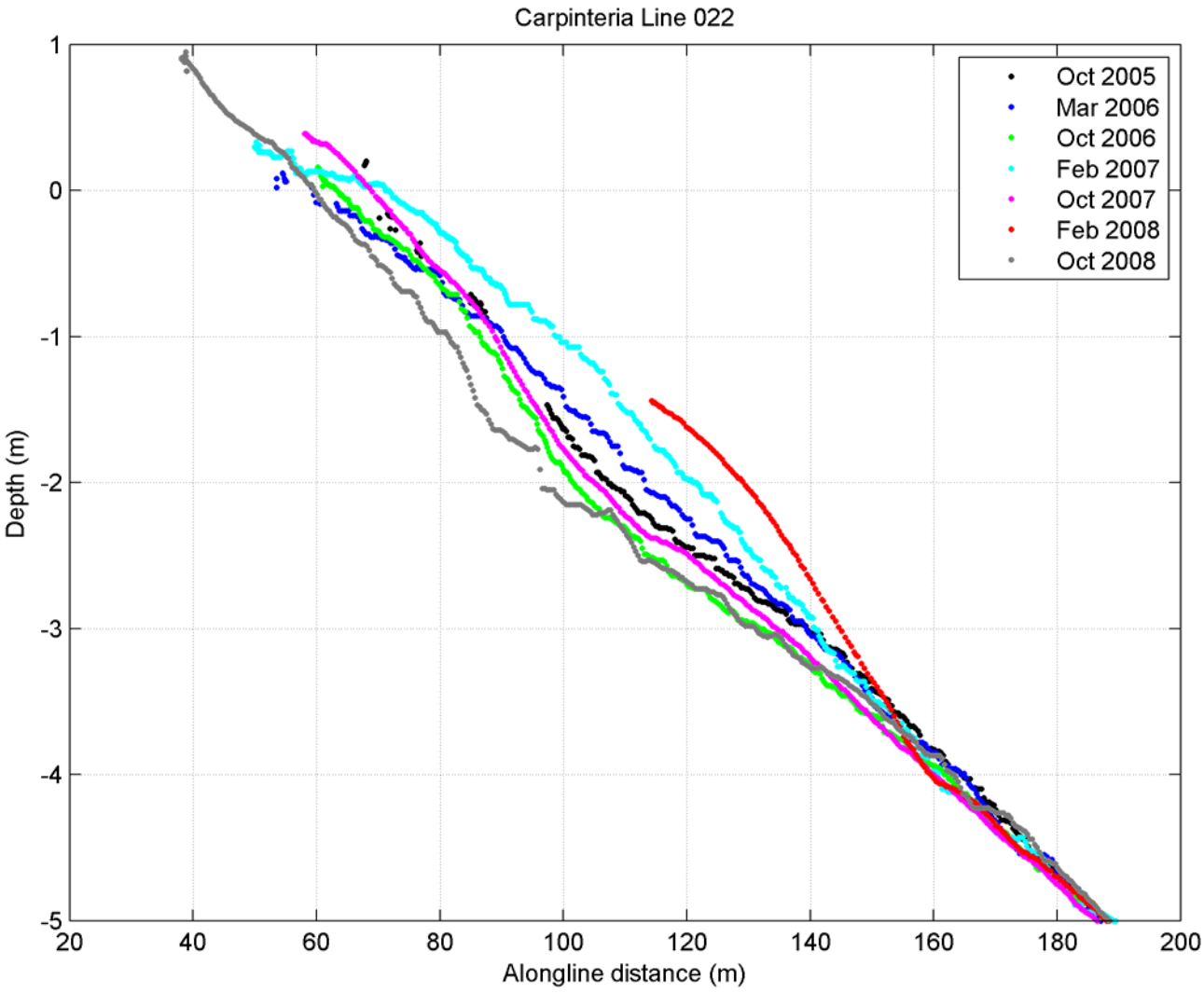

Carpinteria Line 017
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
1
0
-1
-2
-3
-4
-5
40
60
80
100
120
140
160
180
200
220
240

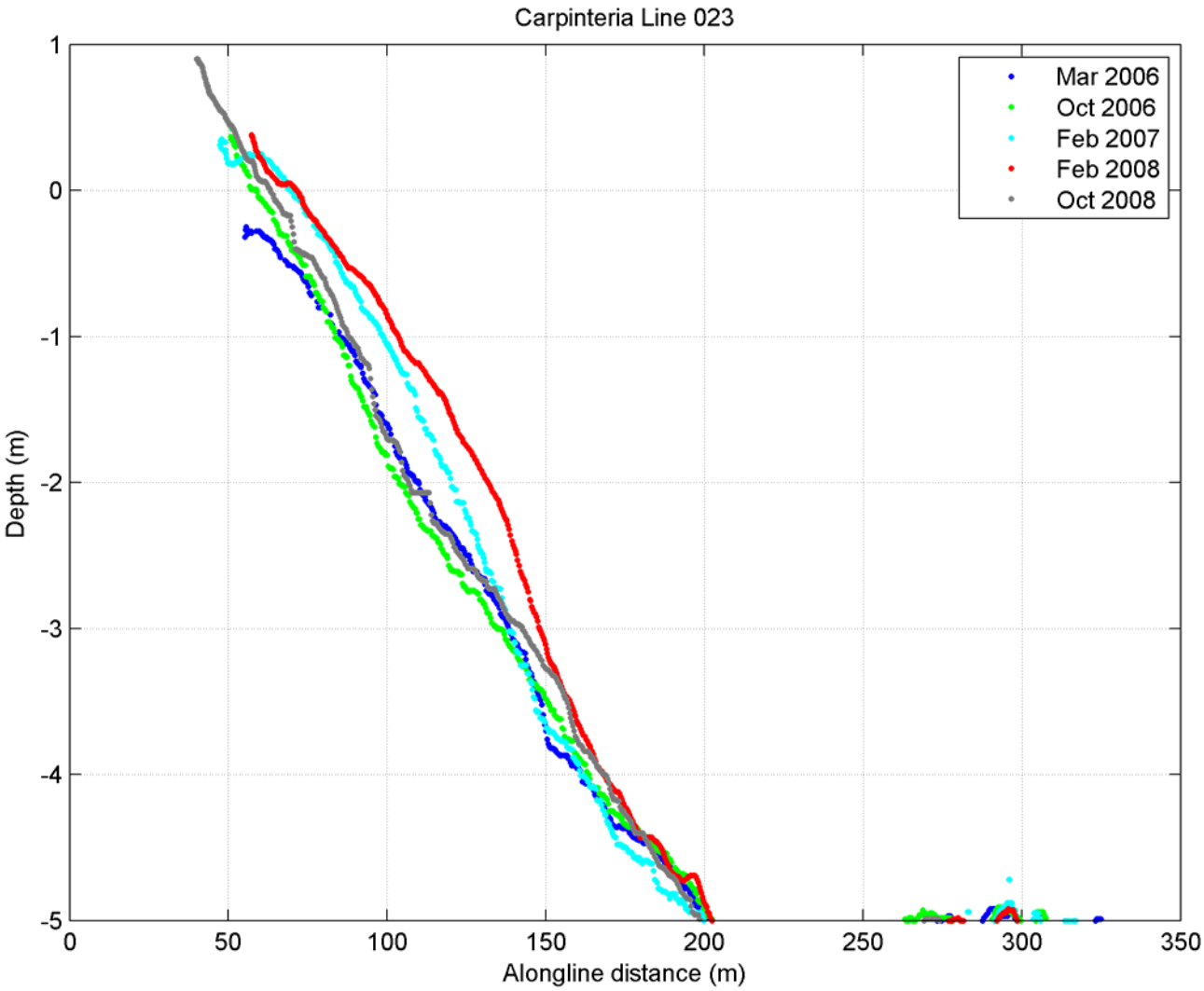

Carpinteria Line 018
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
1
0
-1
-2
-3
-4
-5
60
80
100
120
140
160
180
200
220

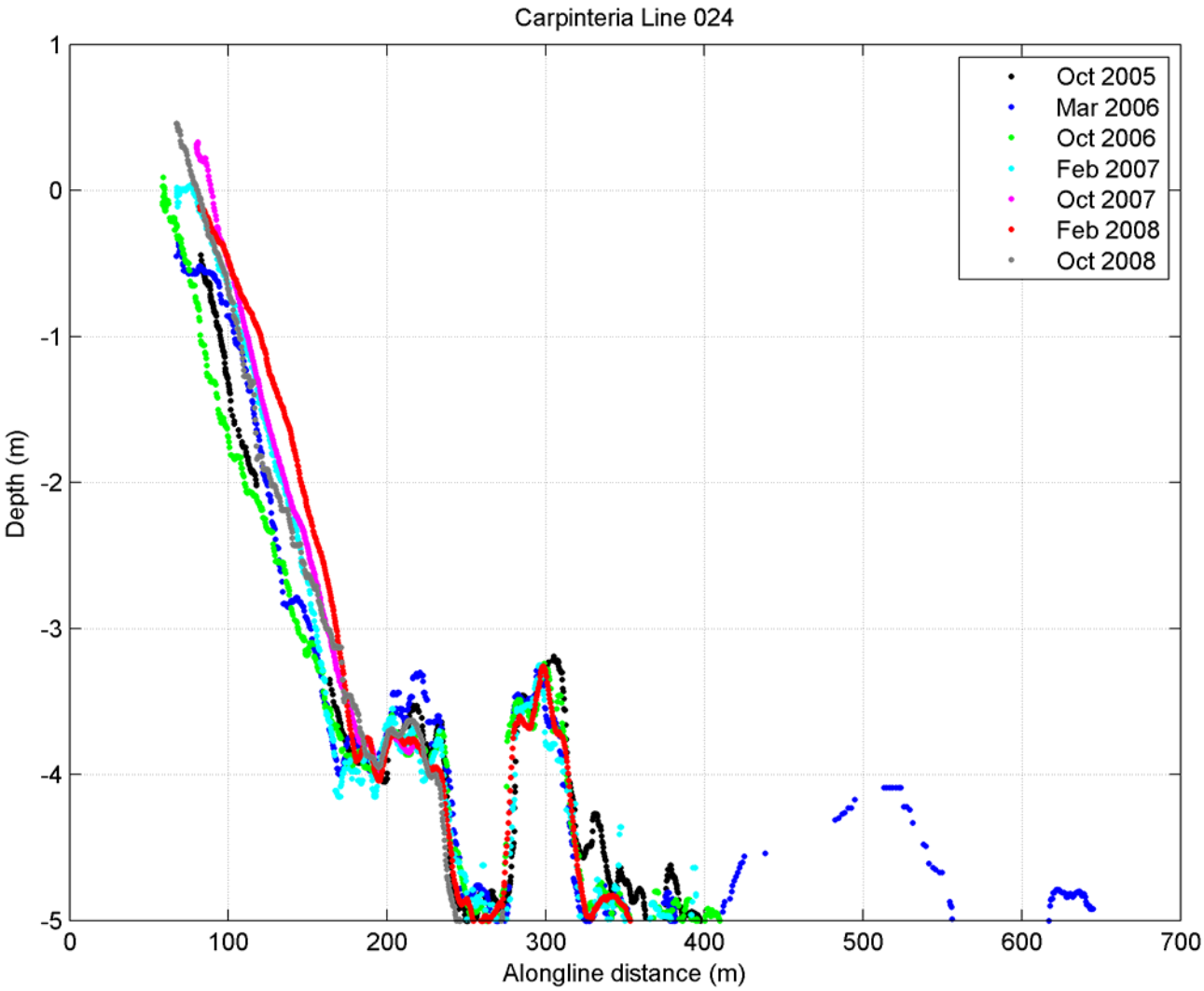

Carpinteria Line 019
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
1
0
-1
-2
-3
-4
-5
60
80
100
120
140
160
180
200
220
240

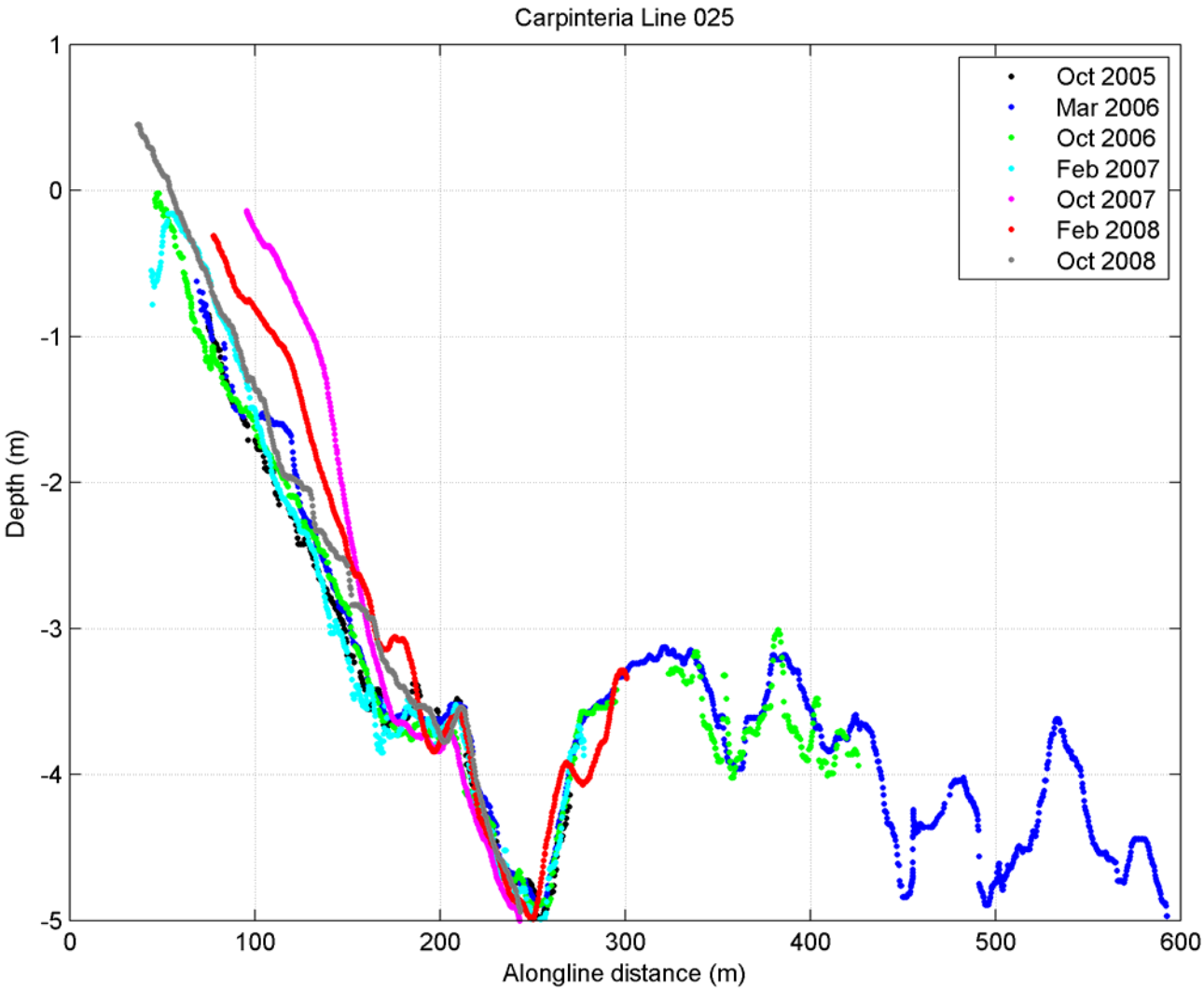

Carpinteria Line 020
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
1
0
-1
-2
-3
-4
-5
40
60
80
100
120
140
160
180
200
220

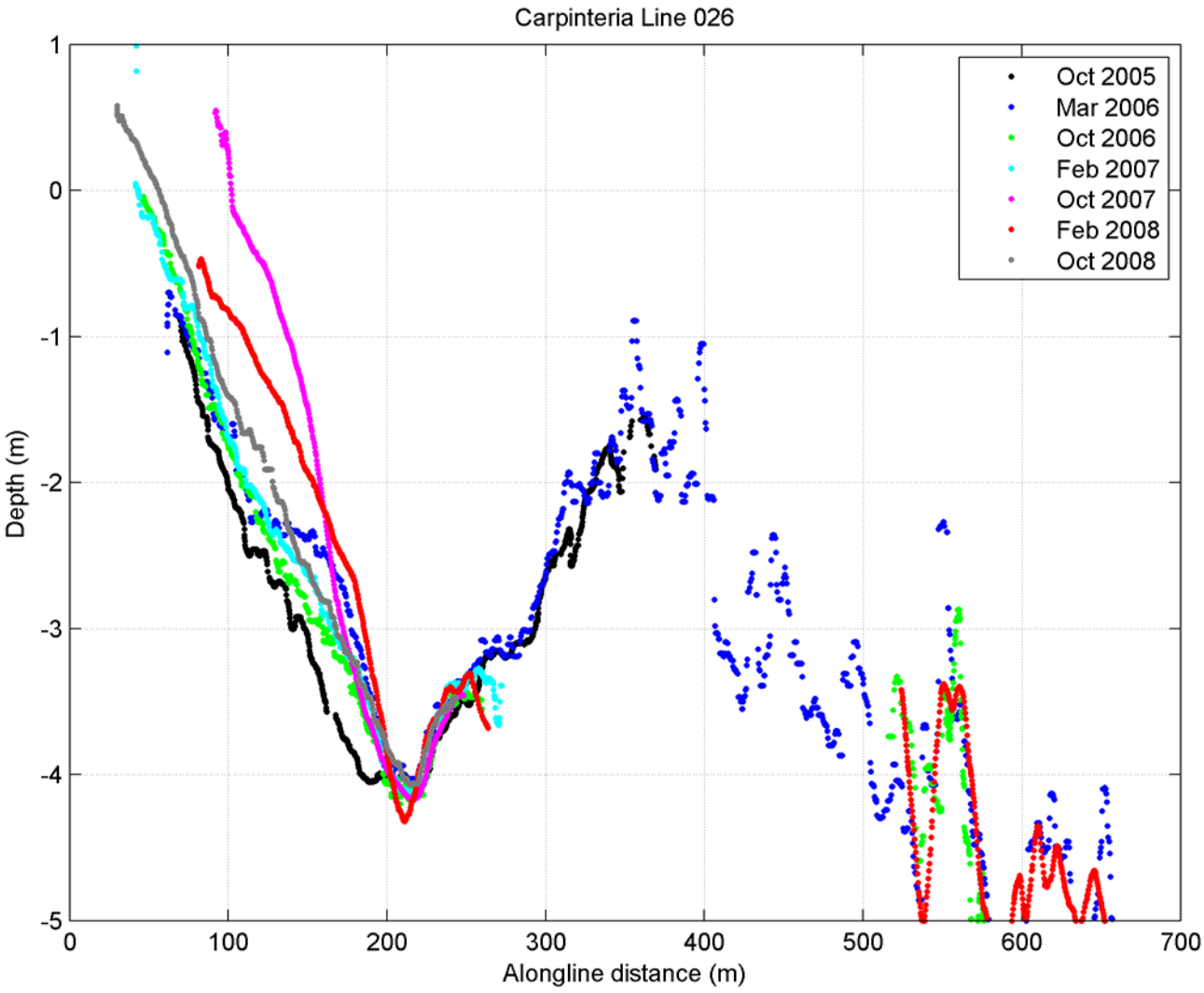

Carpinteria Line 021
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
1
0
-1
-2
-3
-4
-5
20
40
60
80
100
120
140
160
180
200

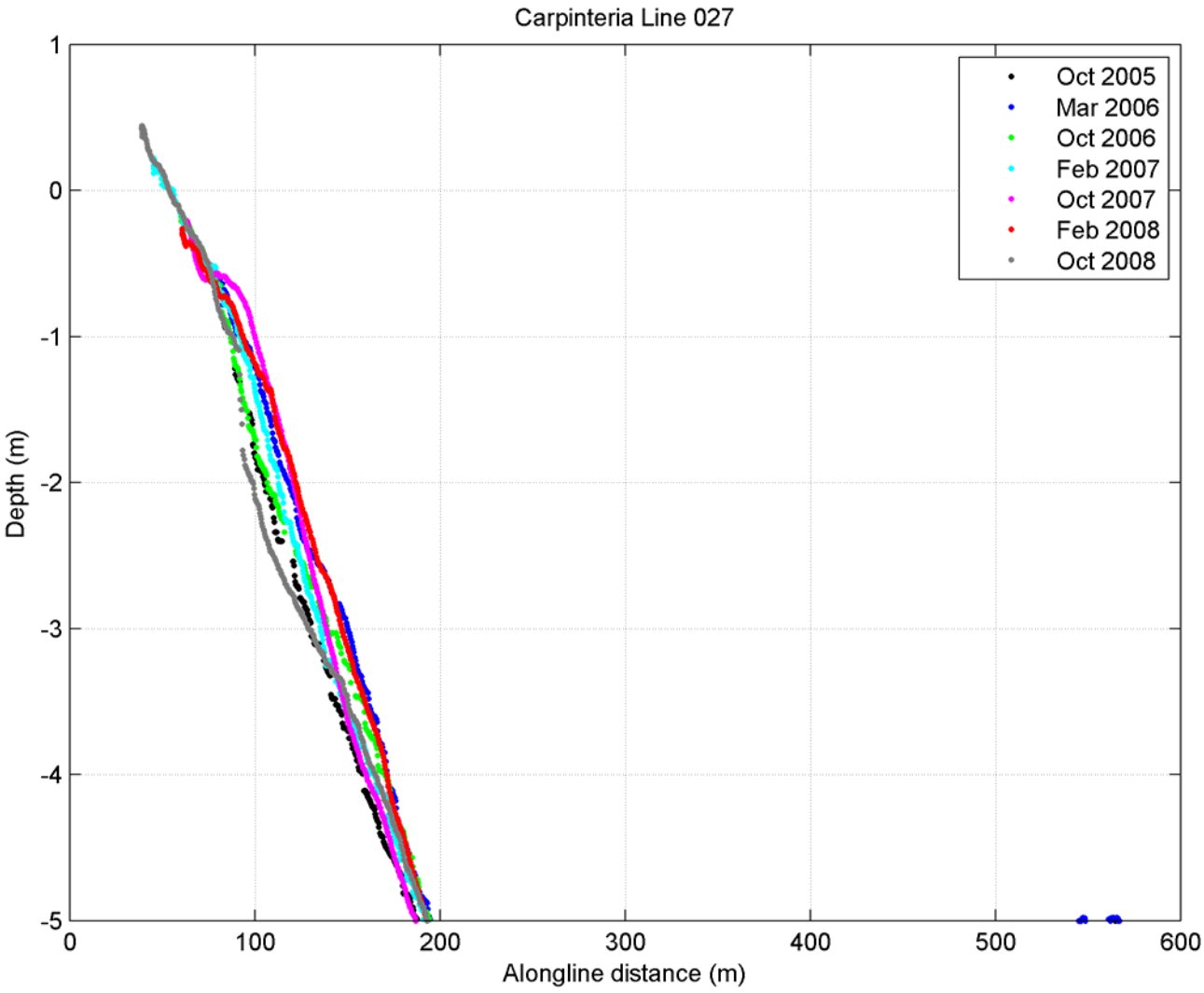

Carpinteria Line 022
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
1
0
-1
-2
-3
-4
-5
20
40
60
80
100
120
140
160
180
200

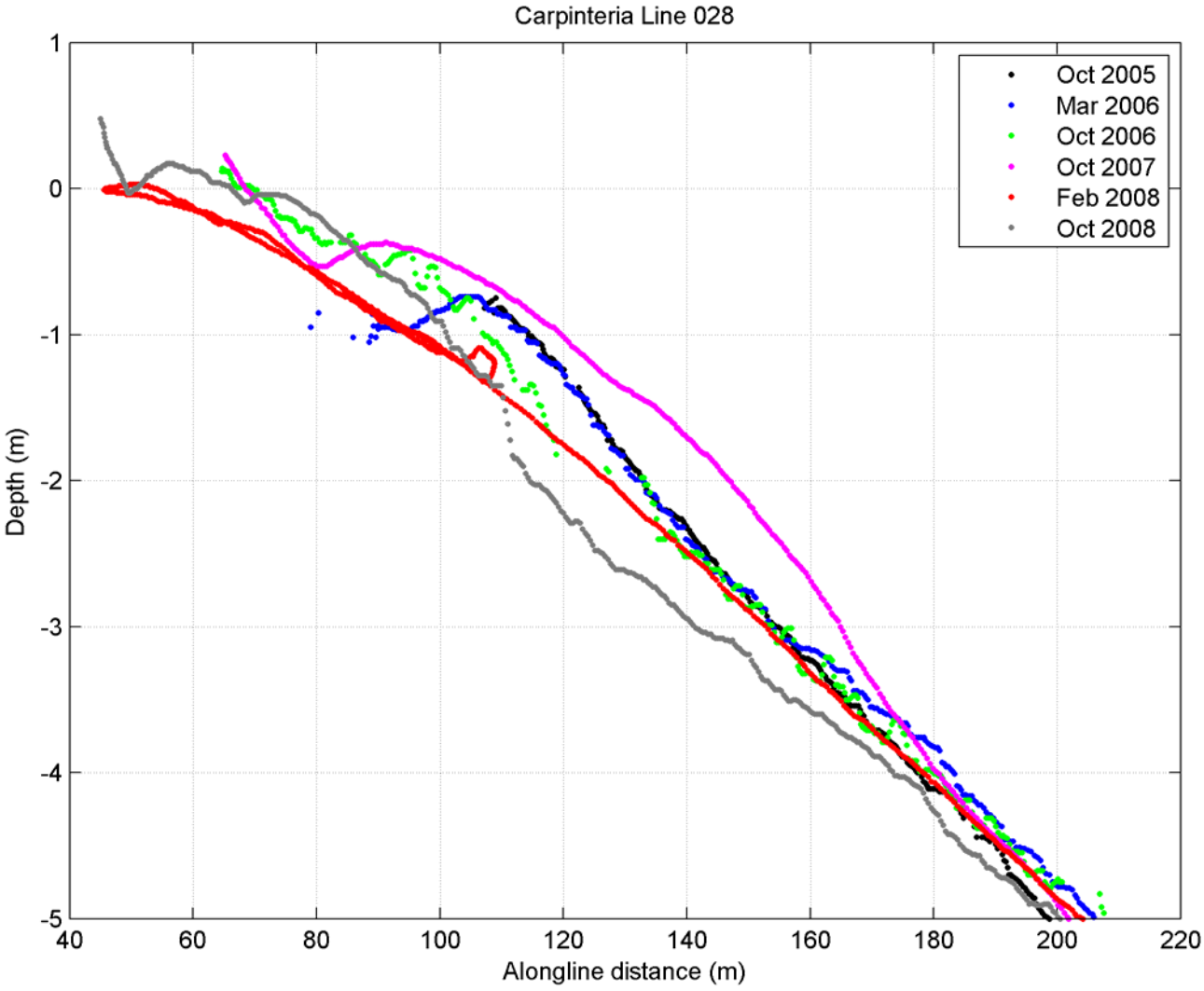

Carpinteria Line 023
Mar 2006
Oct 2006
Feb 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
1
0
-1
-2
-3
-4
-5
0
50
100
150
200
250
300
350

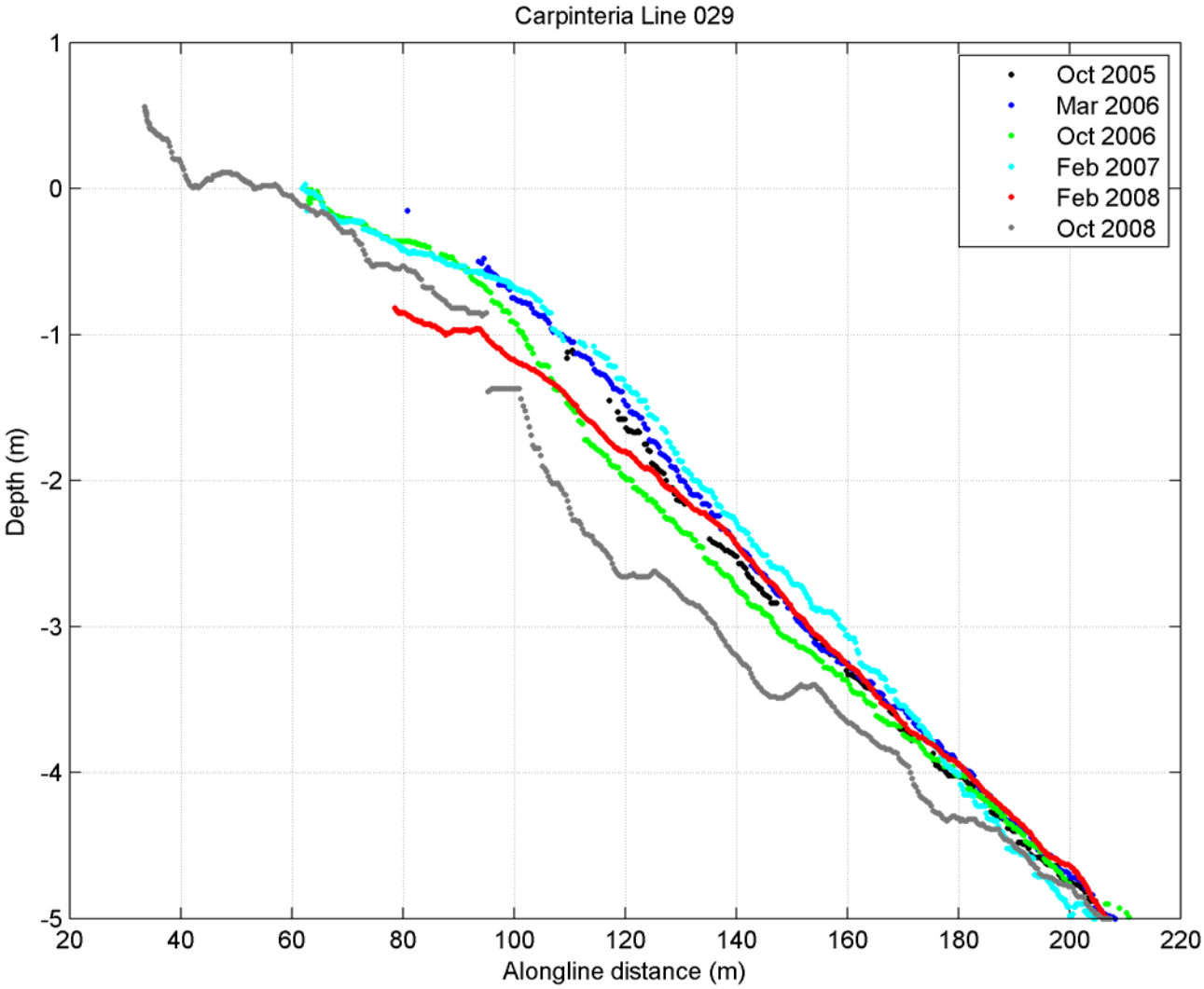

Carpinteria Line 024
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
1
0
-1
-2
-3
-4
-5
0
100
200
300
400
500
600
700

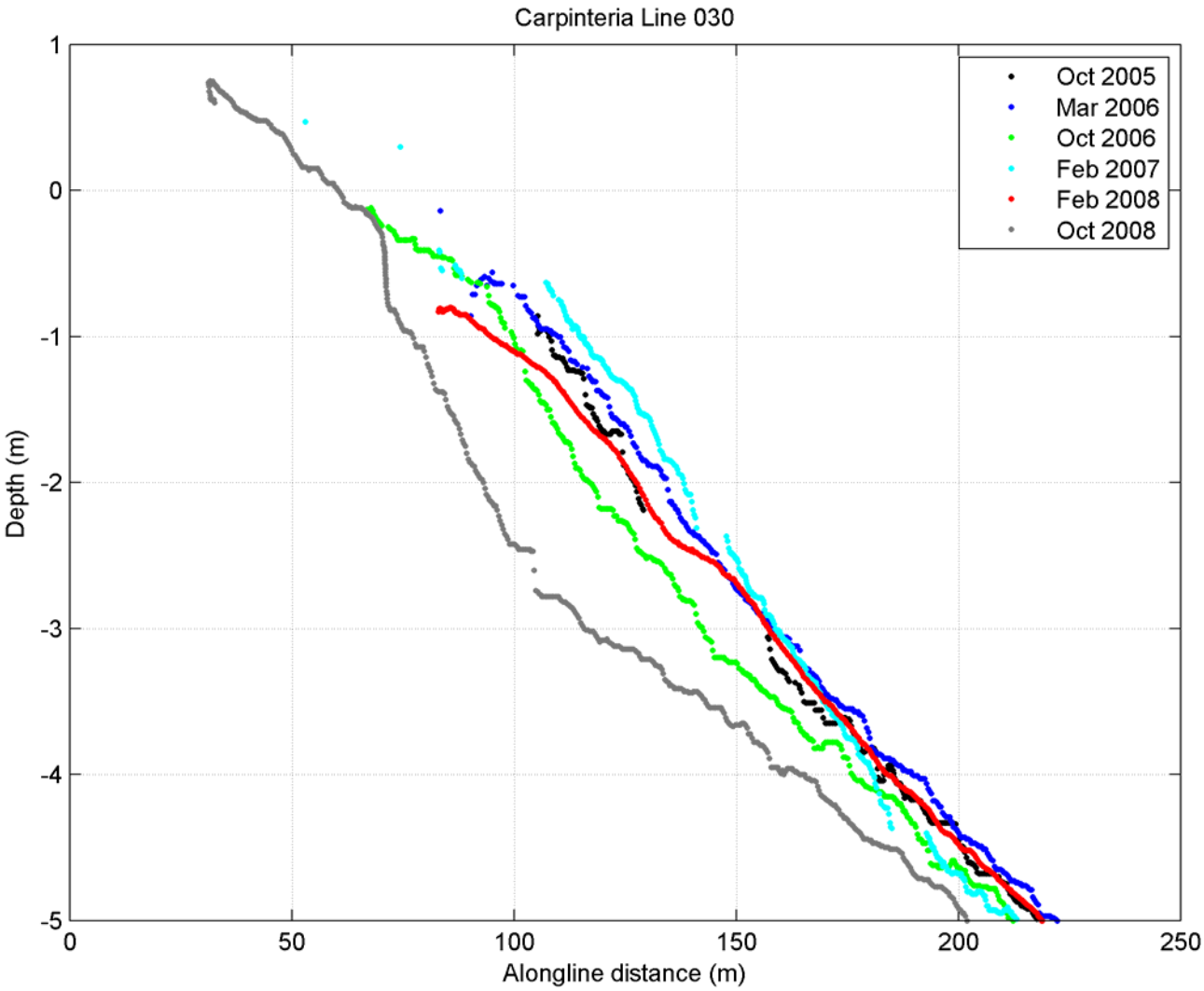

Carpinteria Line 025
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
1
0
-1
-2
-3
-4
-5
0
100
200
300
400
500
600

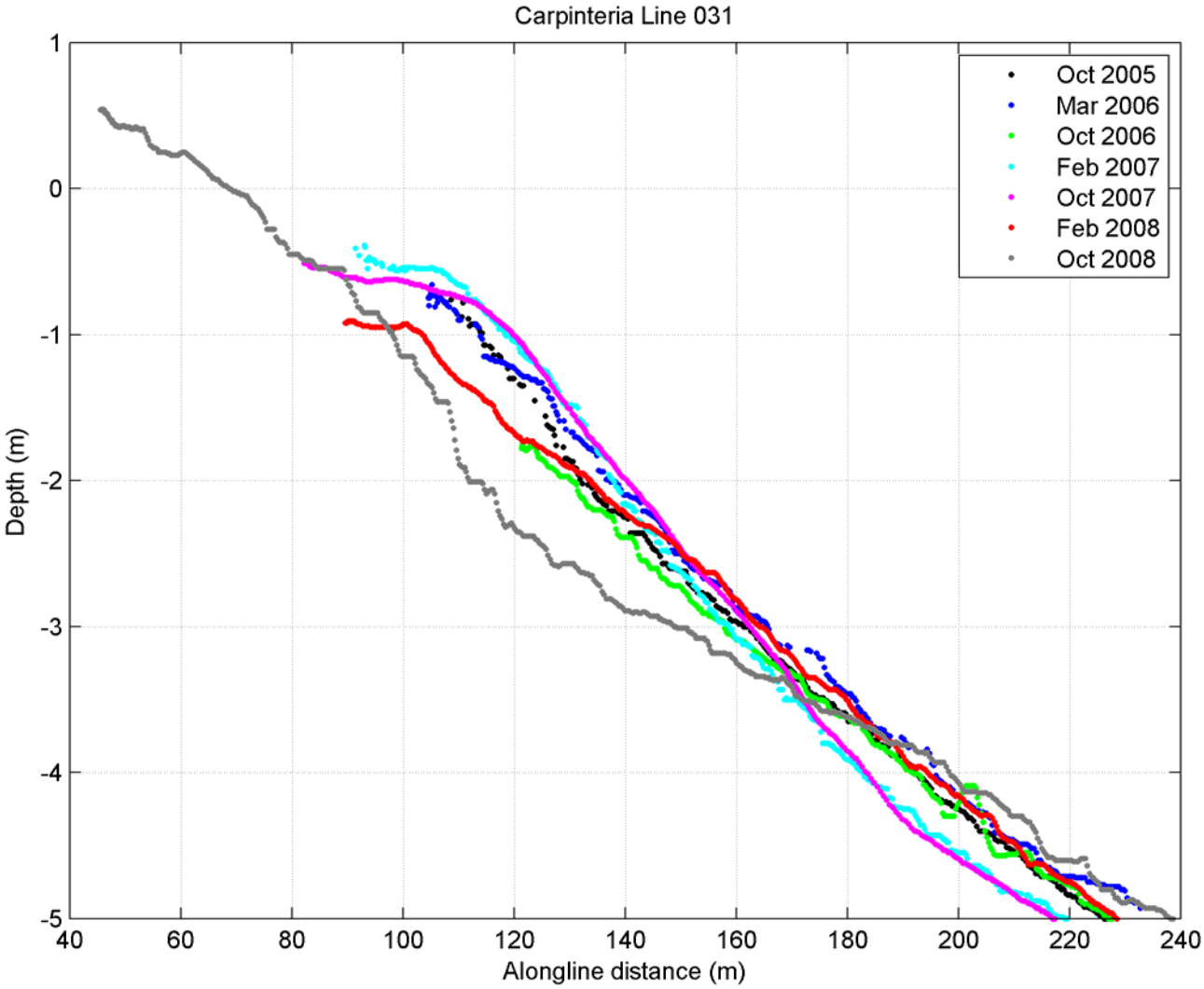

Carpinteria Line 026
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
1
0
-1
-2
-3
-4
-5
0
100
200
300
400
500
600
700

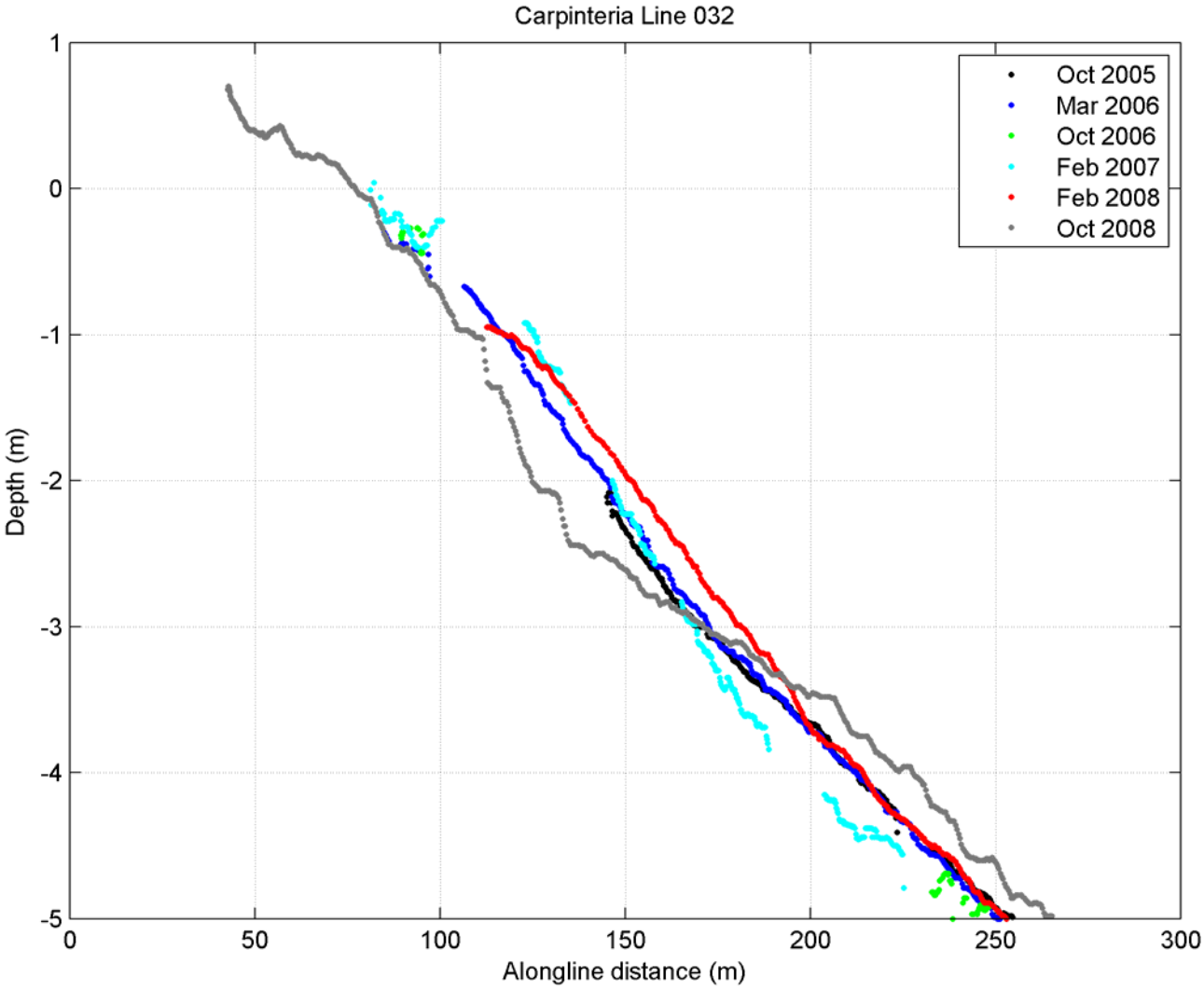

Carpinteria Line 027
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
1
0
-1
-2
-3
-4
-5
0
100
200
300
400
500
600

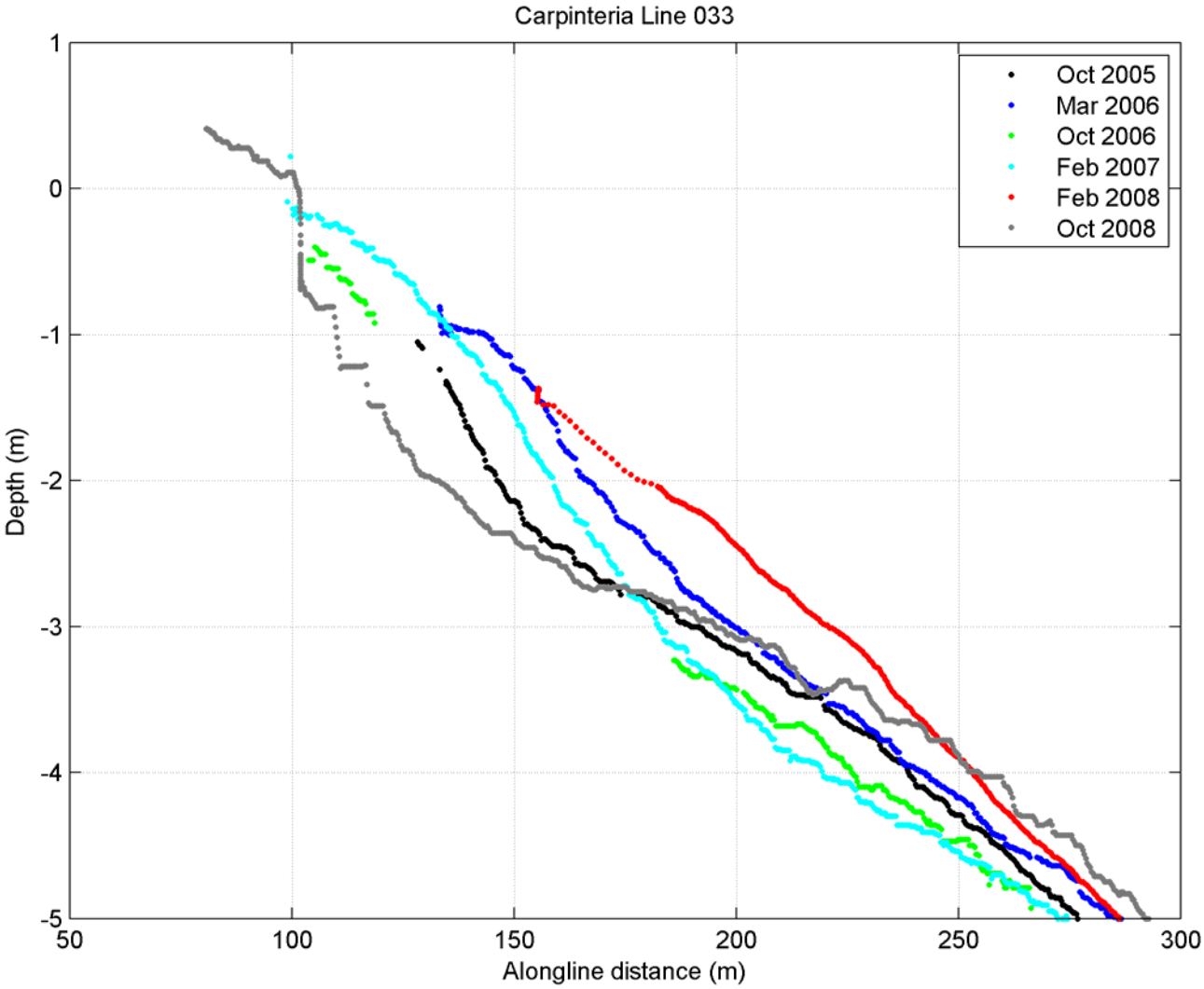

Carpinteria Line 028
Oct 2005
Mar 2006
Oct 2006
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
1
0
-1
-2
-3
-4
-5
40
60
80
100
120
140
160
180
200
220

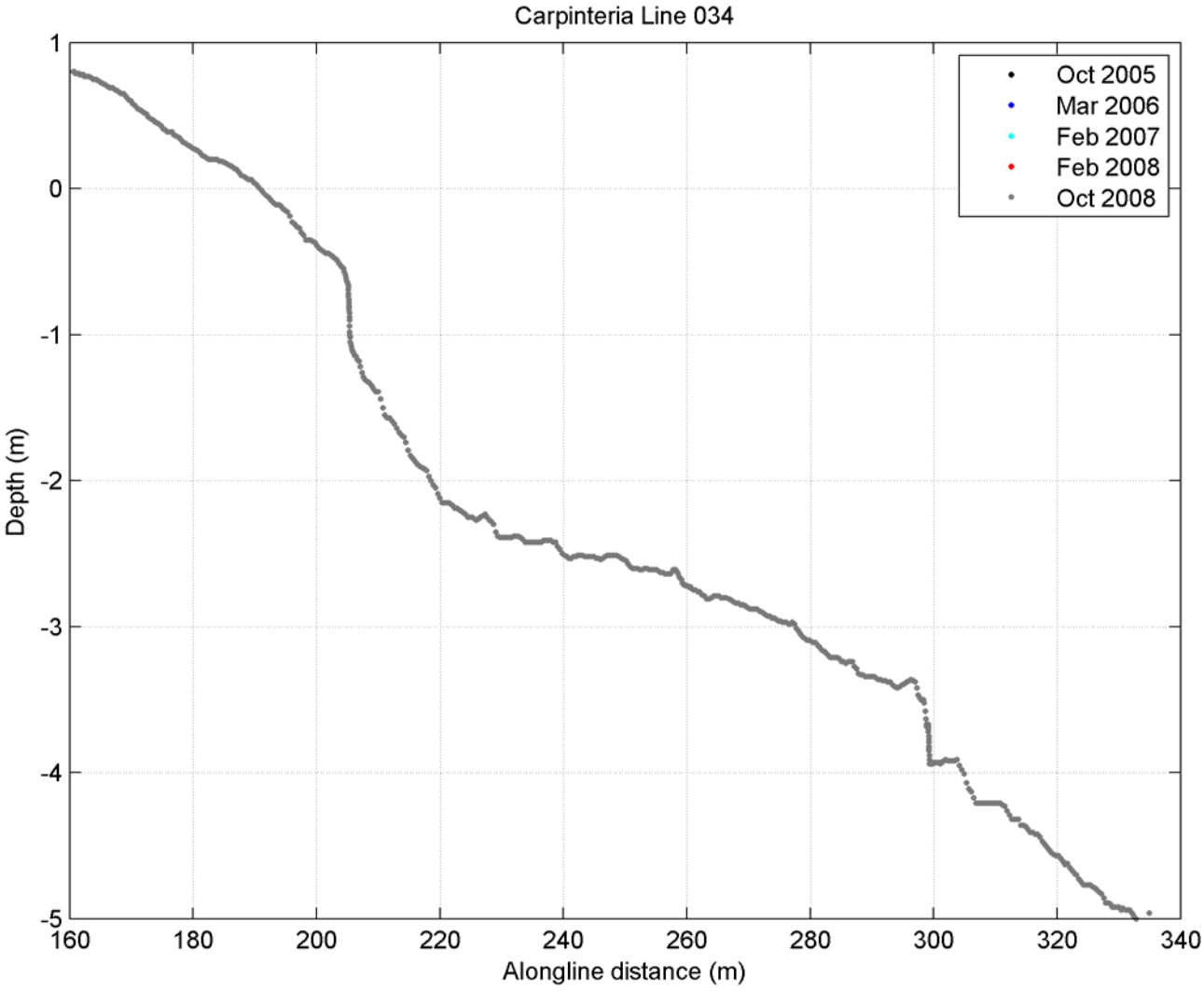

Carpinteria Line 029
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
1
0
-1
-2
-3
-4
-5
20
40
60
80
100
120
140
160
180
200
220

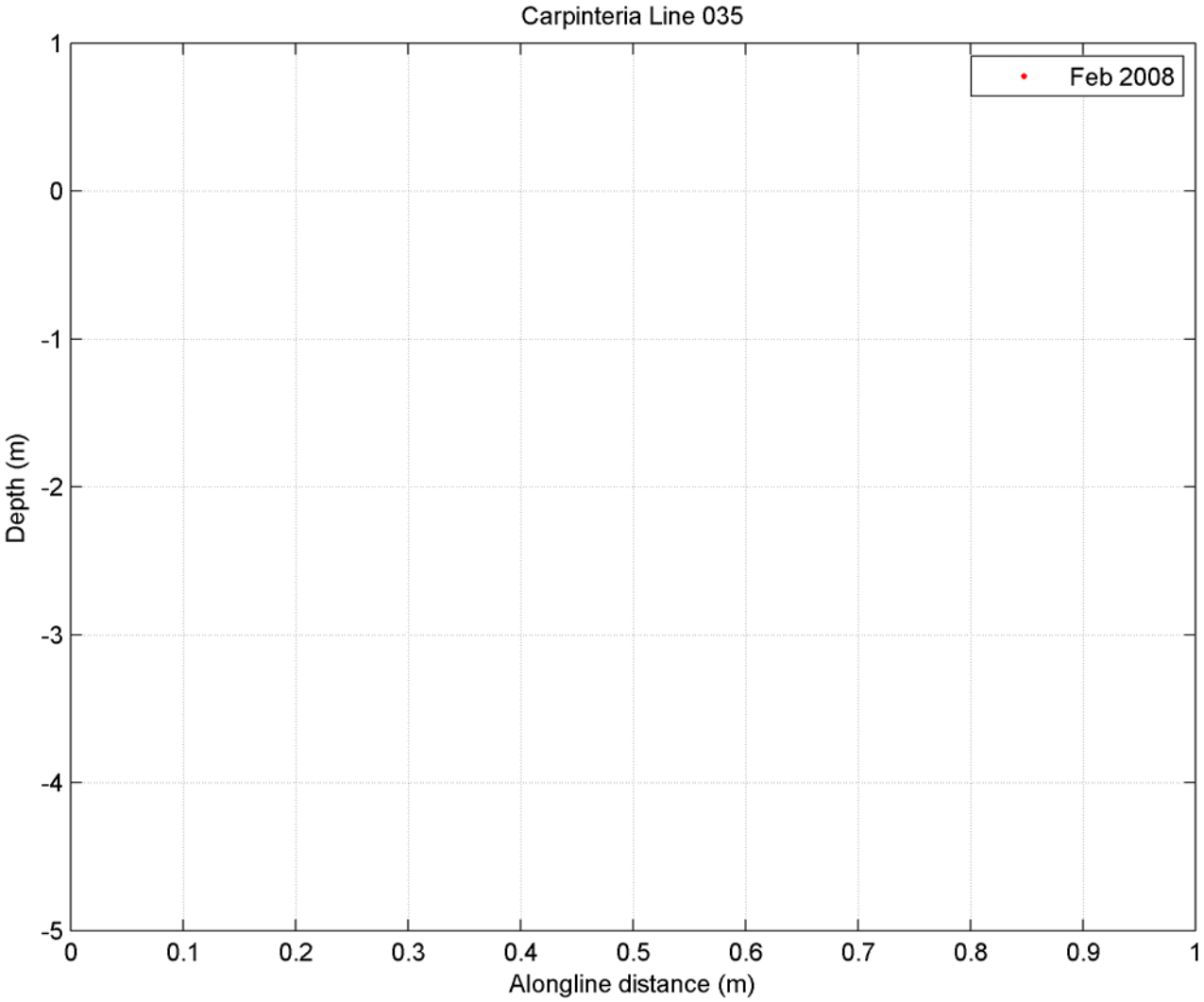

Carpinteria Line 030
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
1
0
-1
-2
-3
-4
-5
0
50
100
150
200
250

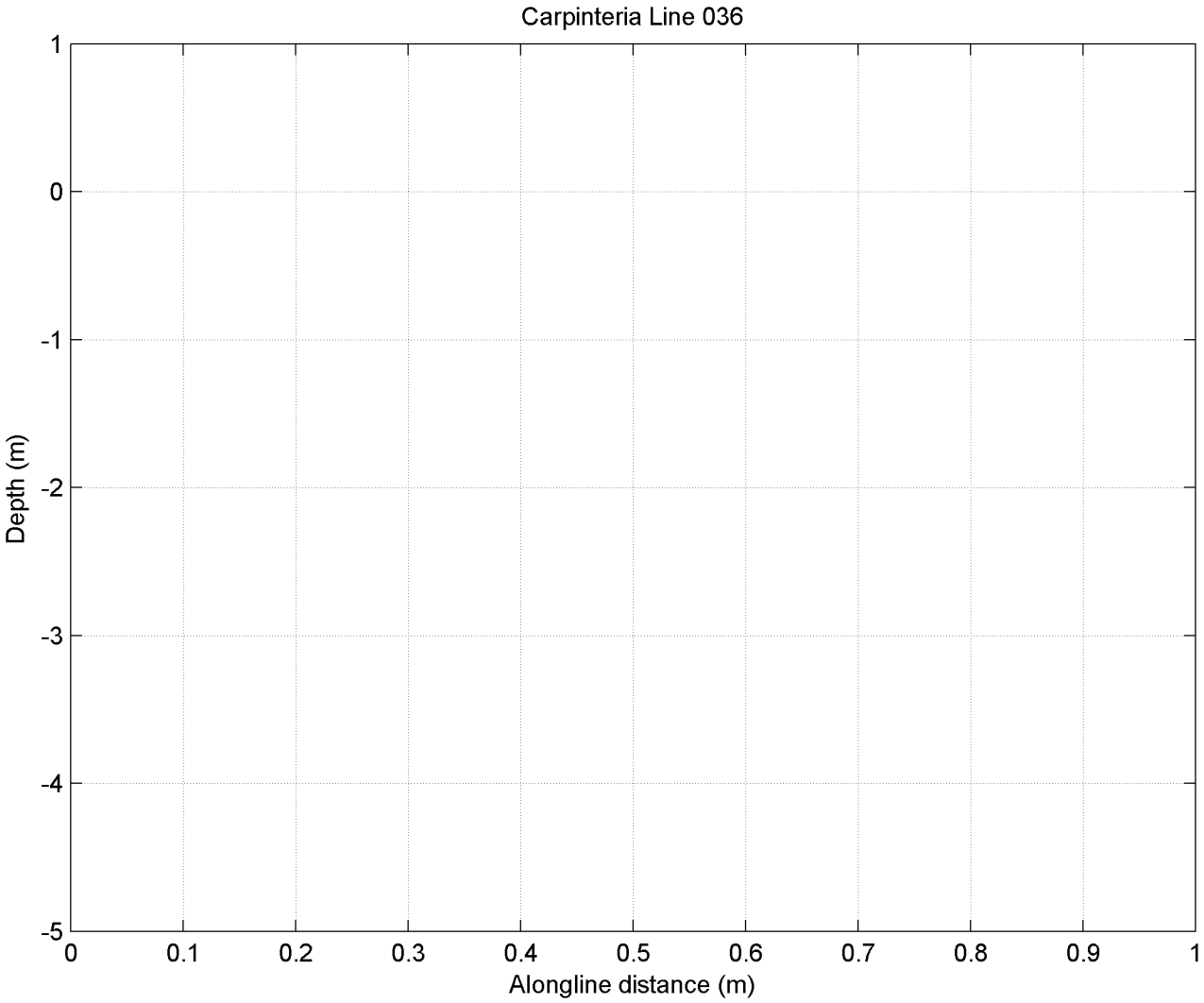

Carpinteria Line 031
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
1
0
-1
-2
-3
-4
-5
40
60
80
100
120
140
160
180
200
220
240

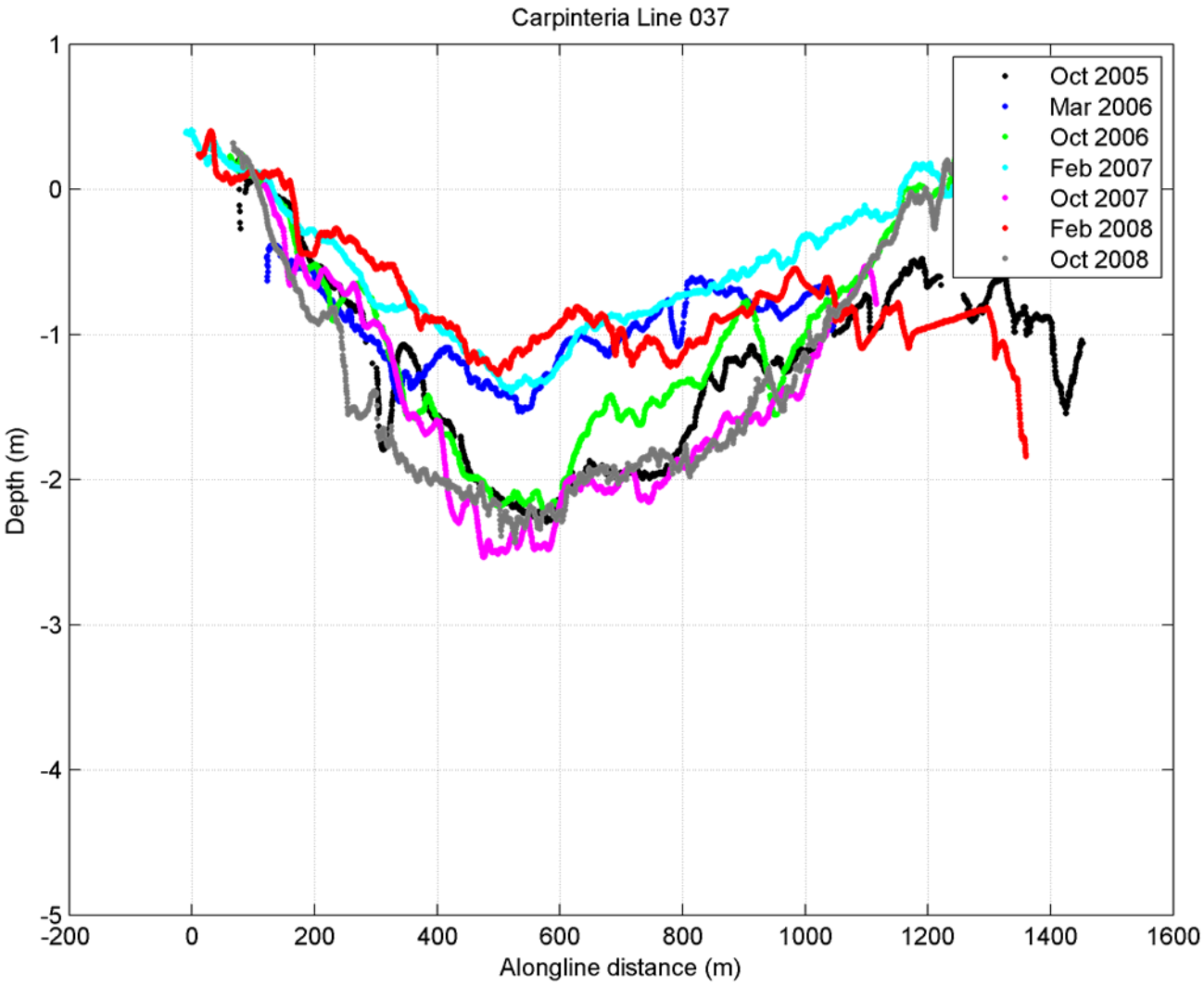

Carpinteria Line 032
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
1
0
-1
-2
-3
-4
-5
0
50
100
150
200
250
300

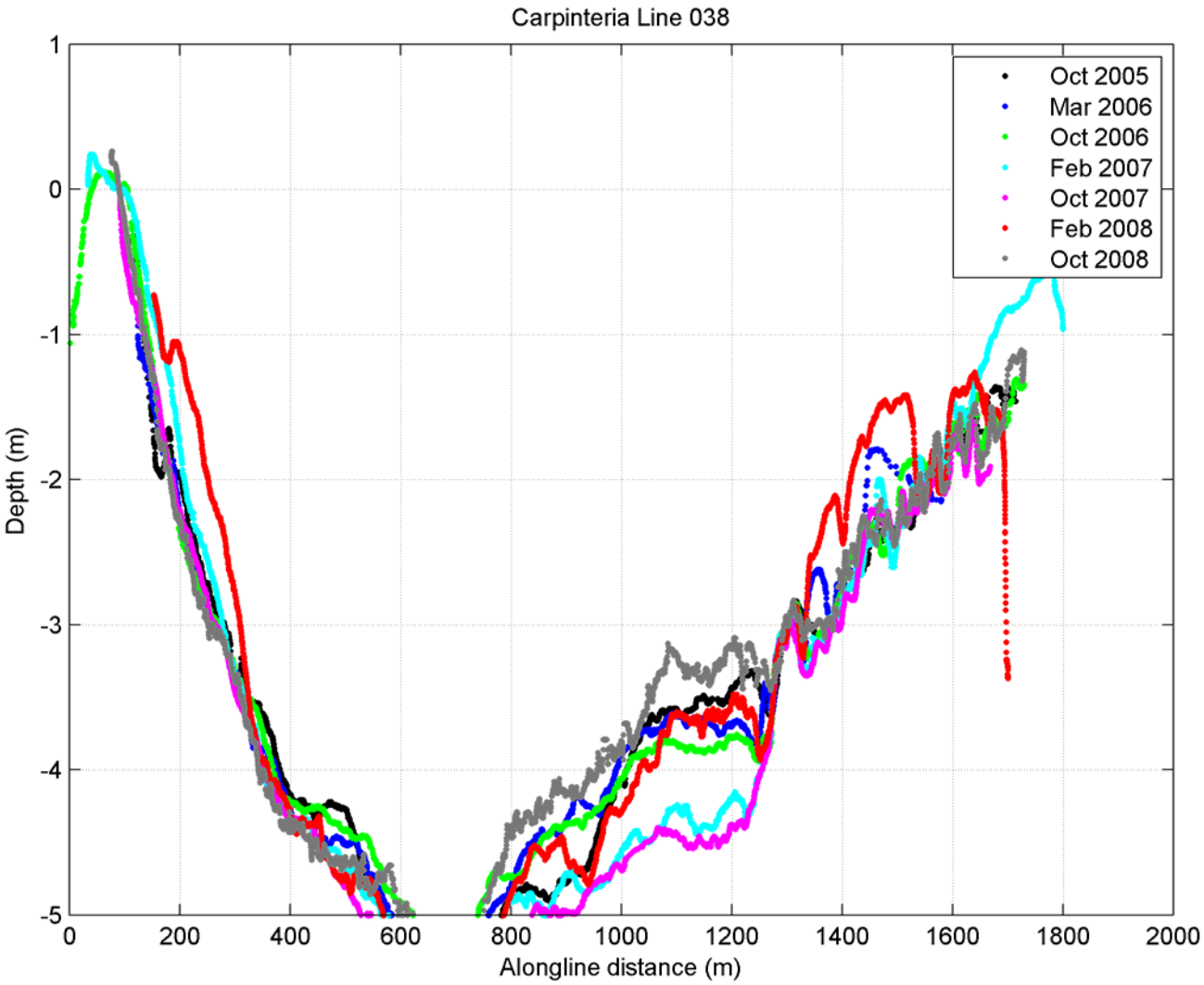

Carpinteria Line 033
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
1
0
-1
-2
-3
-4
-5
50
100
150
200
250
300

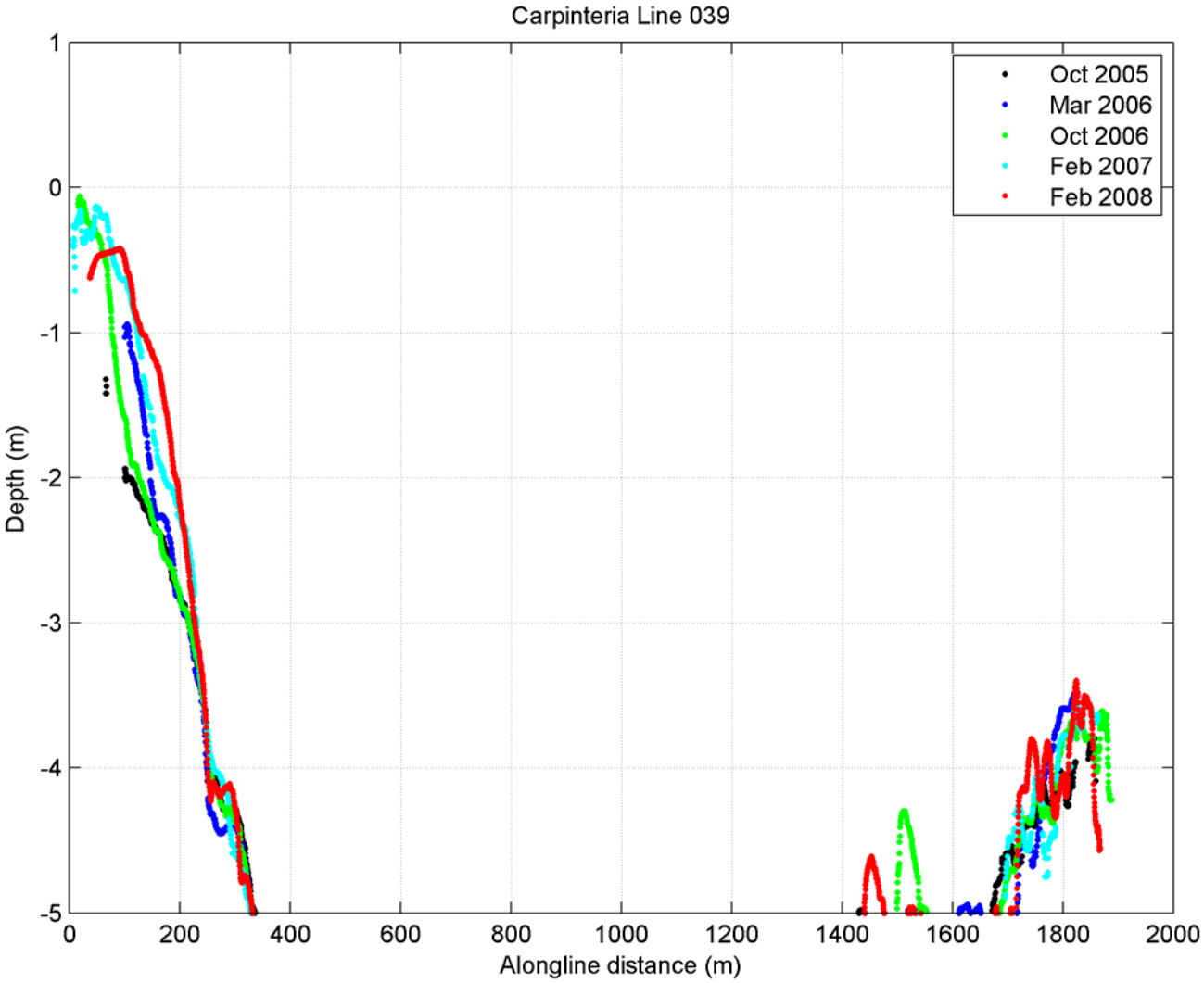

Carpinteria Line 034
Oct 2005
Mar 2006
Feb 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
1
0
-1
-2
-3
-4
-5
160
180
200
220
240
260
280
300
320
340

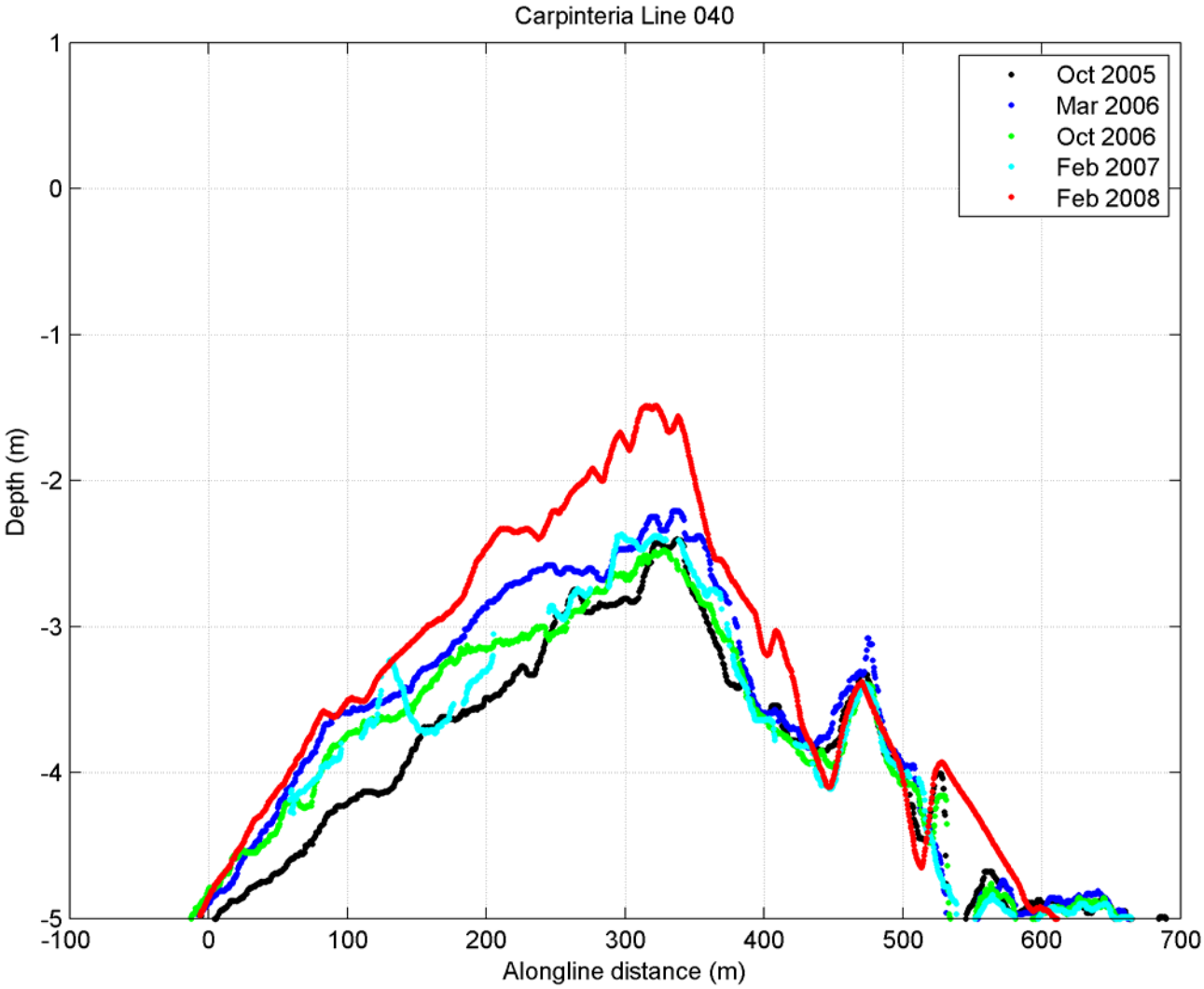

Carpinteria Line 035
Feb 2008
Depth (m)
Alongline distance (m)
1
0
-1
-2
-3
-4
-5
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1

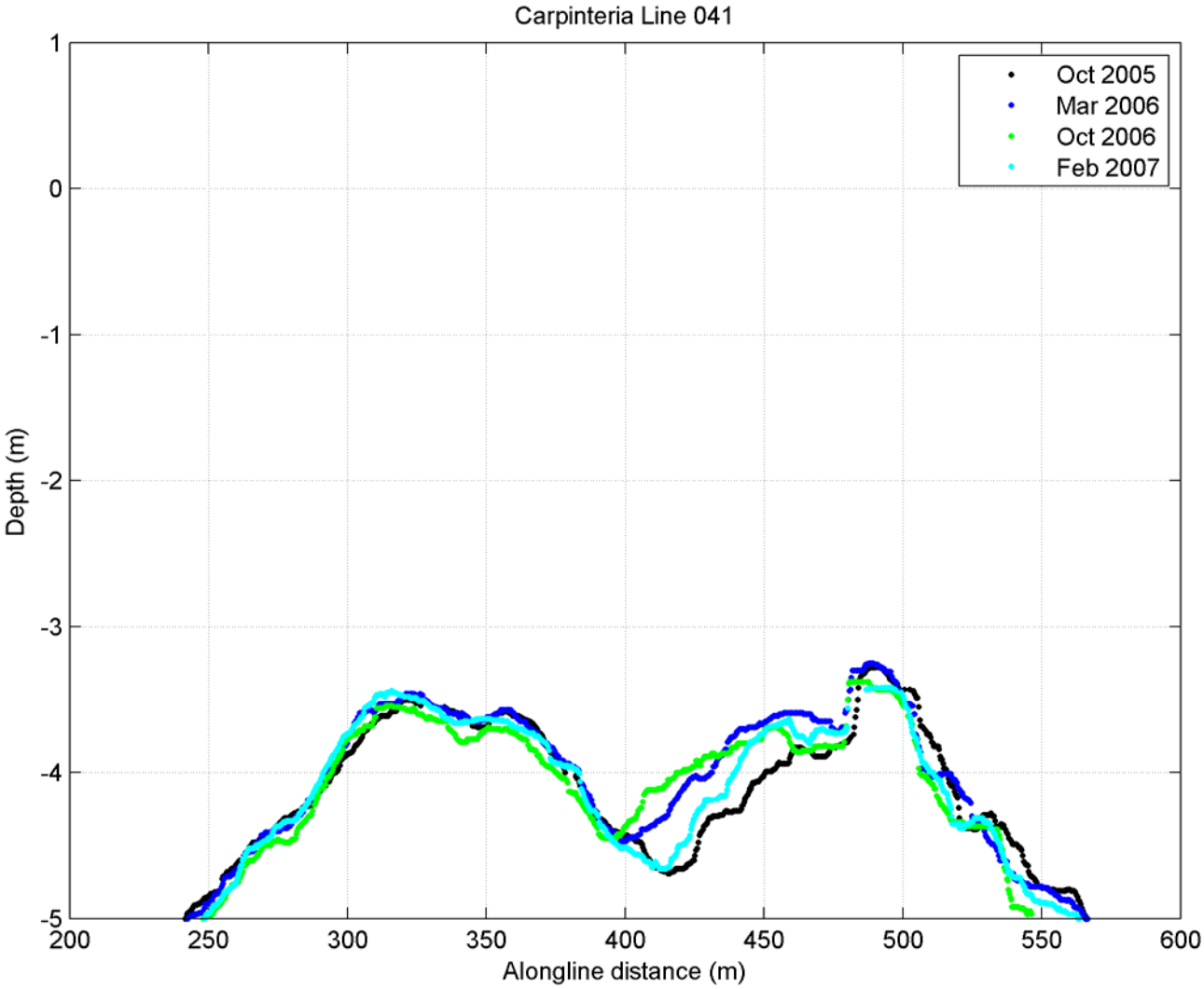

Carpinteria Line 036
Depth (m)
Alongline distance (m)
1
0
-1
-2
-3
-4
-5
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1

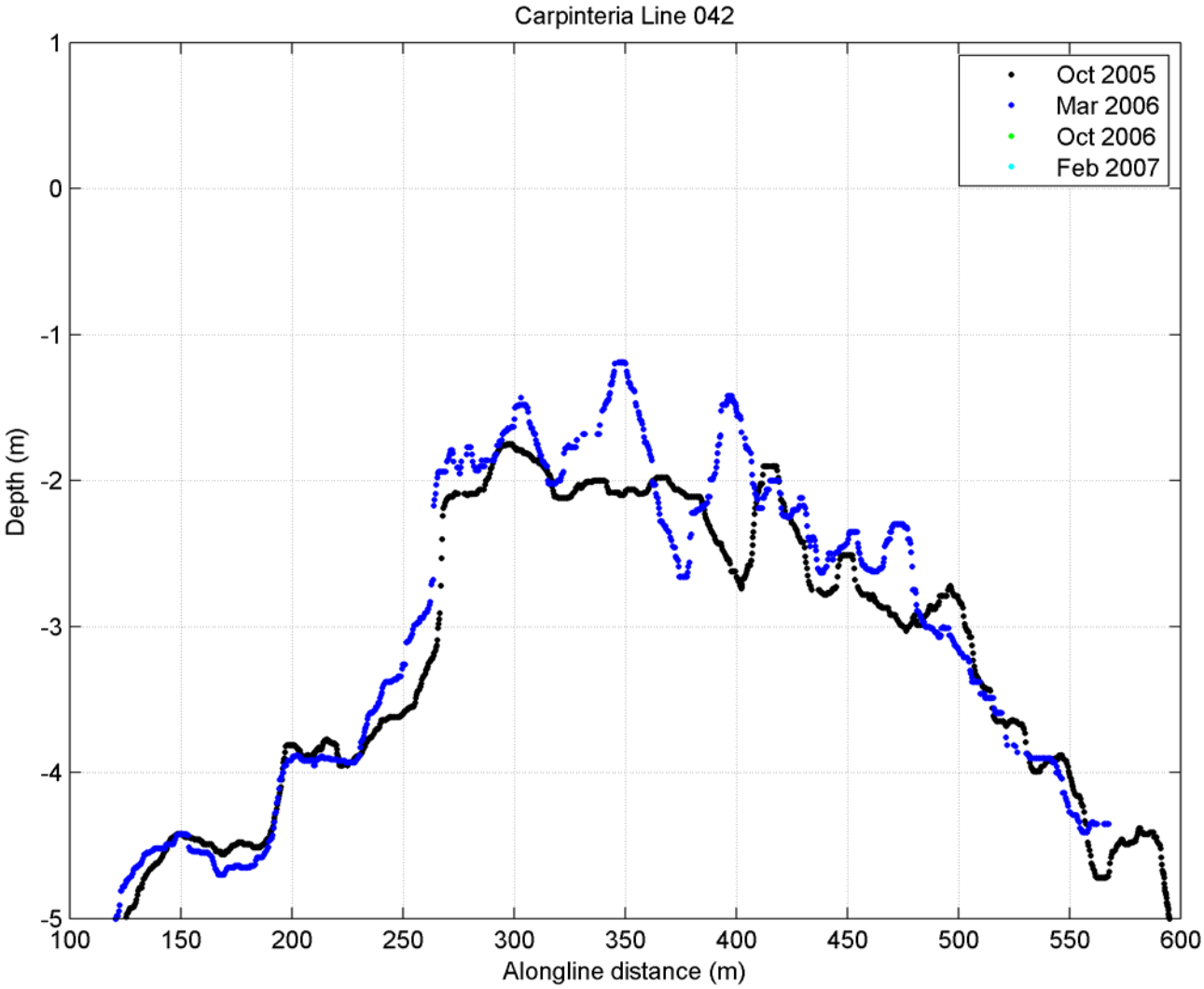

Carpinteria Line 037
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
1
0
-1
-2
-3
-4
-5
-200
0
200
400
600
800
1000
1200
1400
1600


Carpinteria Line 038
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
1
0
-1
-2
-3
-4
-5
0
200
400
600
800
1000
1200
1400
1600
1800
2000


Carpinteria Line 039
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Feb 2008
Depth (m)
Alongline distance (m)
1
0
-1
-2
-3
-4
-5
0
200
400
600
800
1000
1200
1400
1600
1800
2000


Carpinteria Line 040
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Feb 2008
Depth (m)
Alongline distance (m)
1
0
-1
-2
-3
-4
-5
-100
0
100
200
300
400
500
600
700


Carpinteria Line 041
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Depth (m)
Alongline distance (m)
1
0
-1
-2
-3
-4
-5
200
250
300
350
400
450
500
550
600


Carpinteria Line 042
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Depth (m)
Alongline distance (m)
1
0
-1
-2
-3
-4
-5
100
150
200
250
300
350
400
450
500
550
600

Rincon Parkway

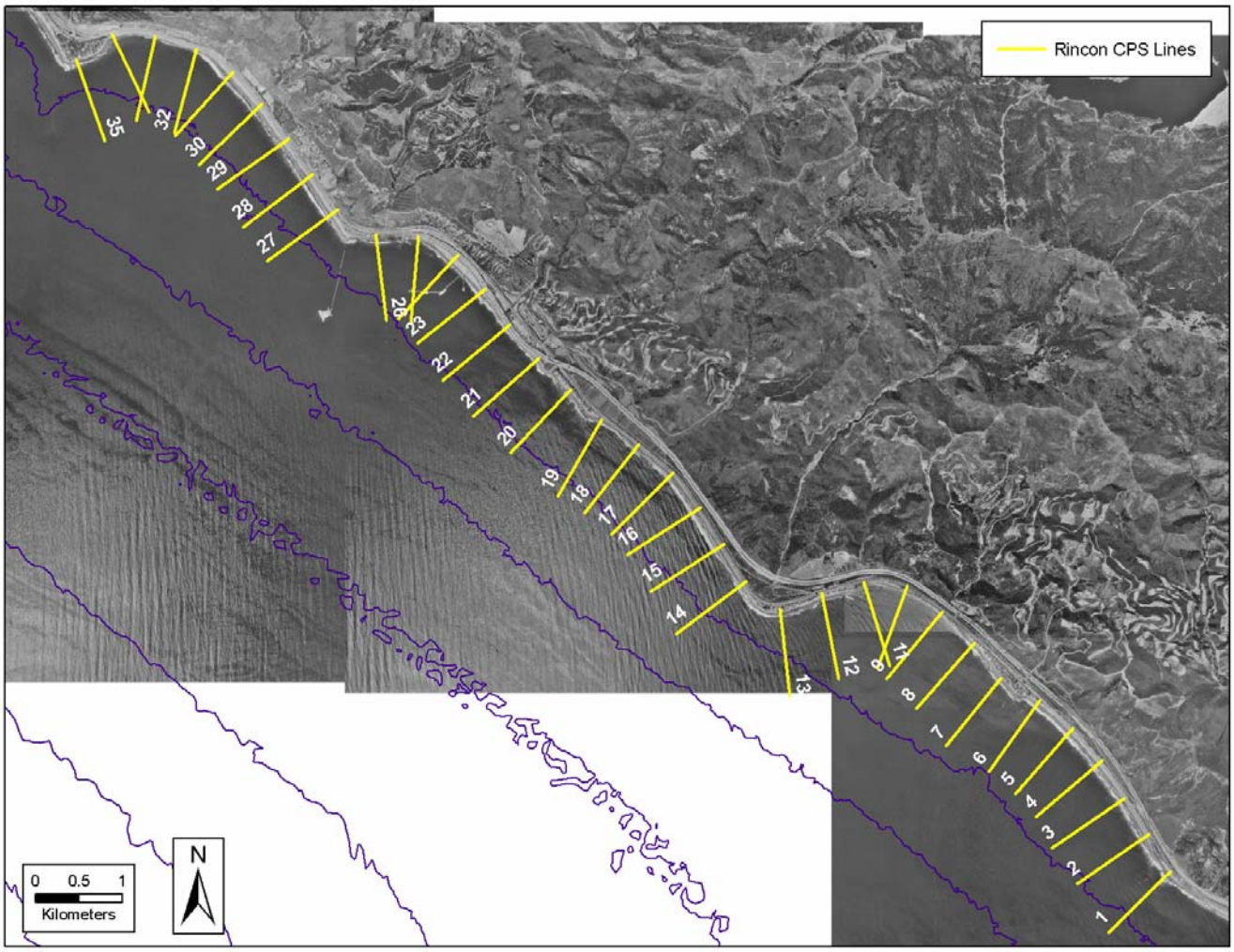


Figure C8. Rincon Parkway Coastal Profiling System survey line locations.

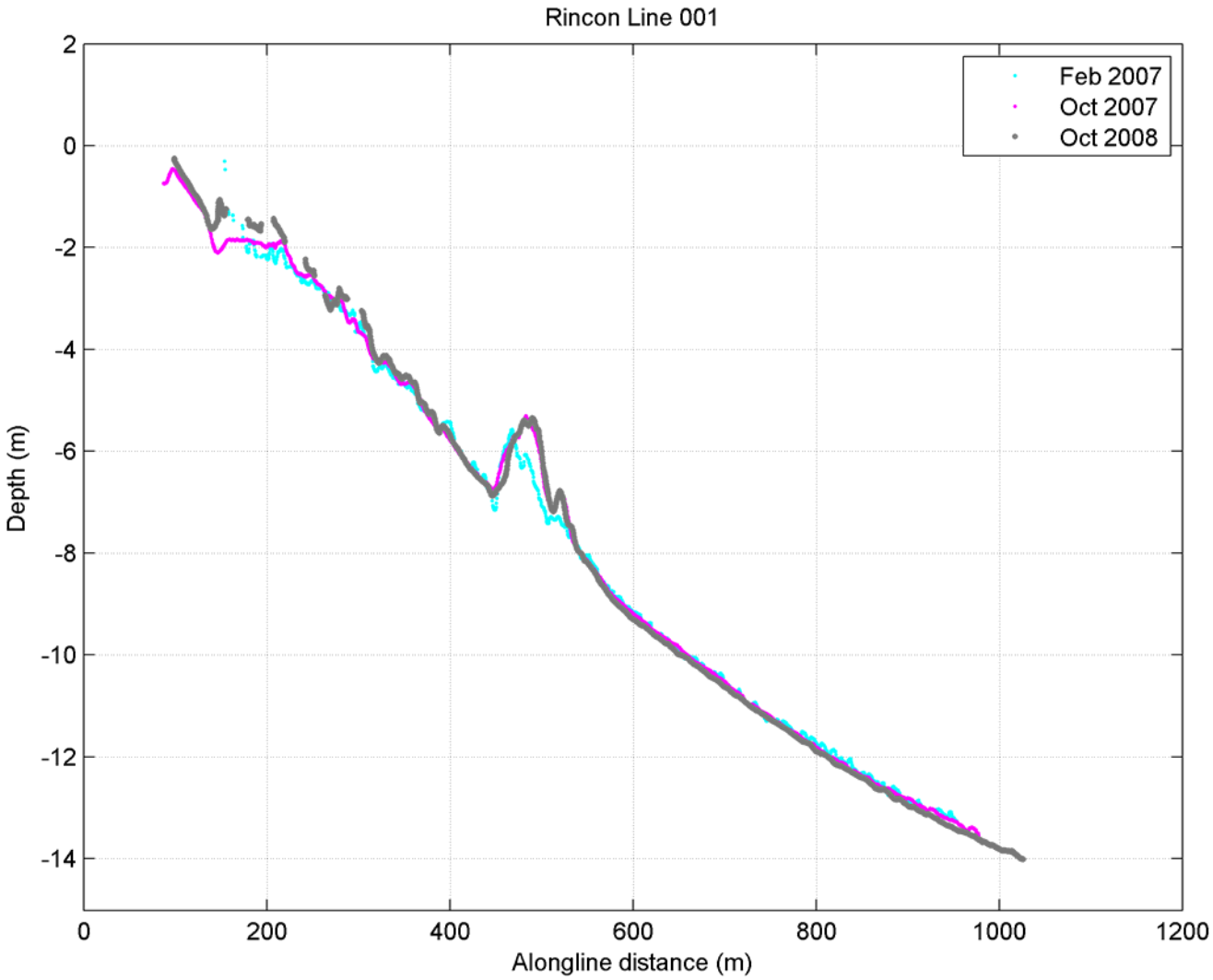
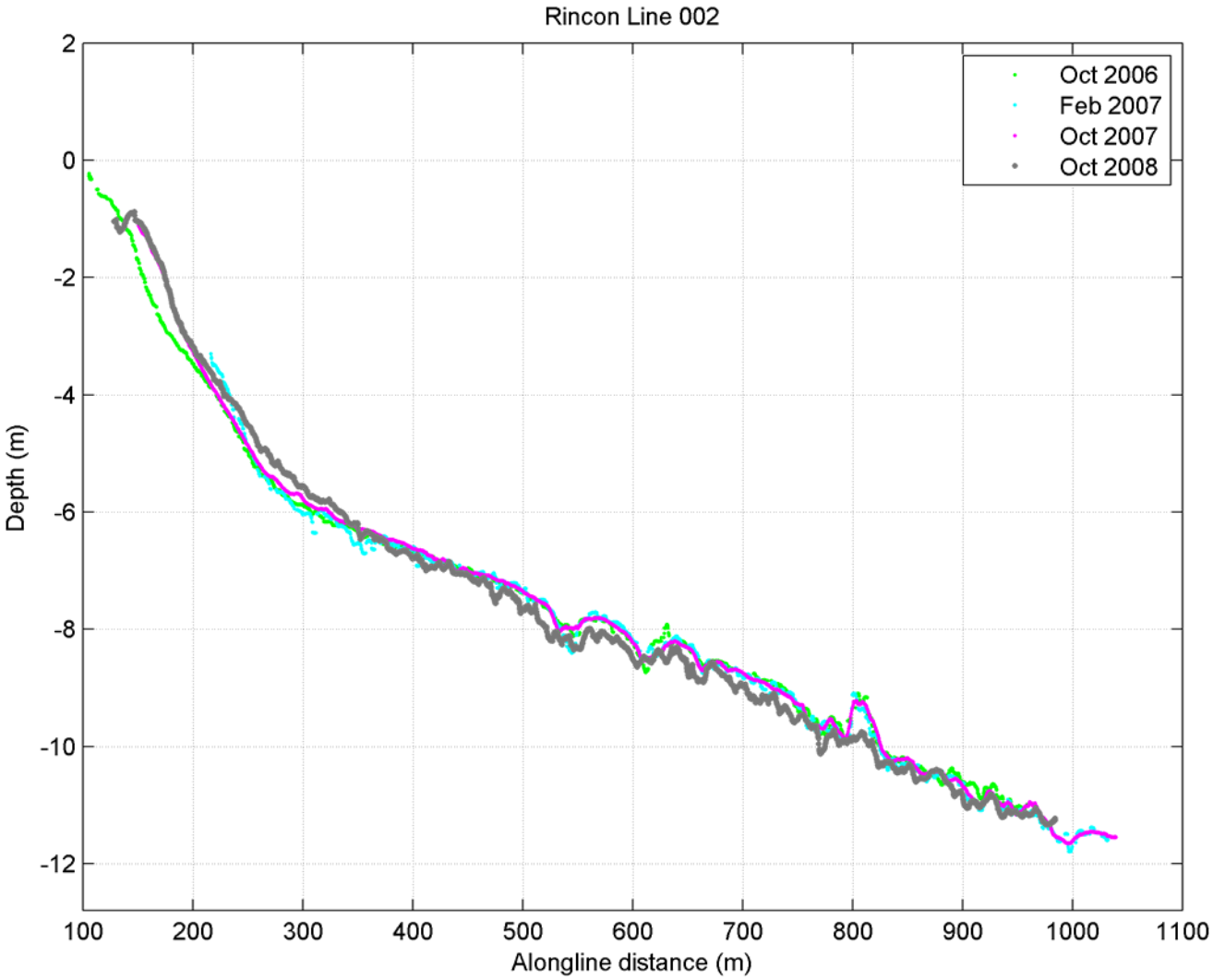
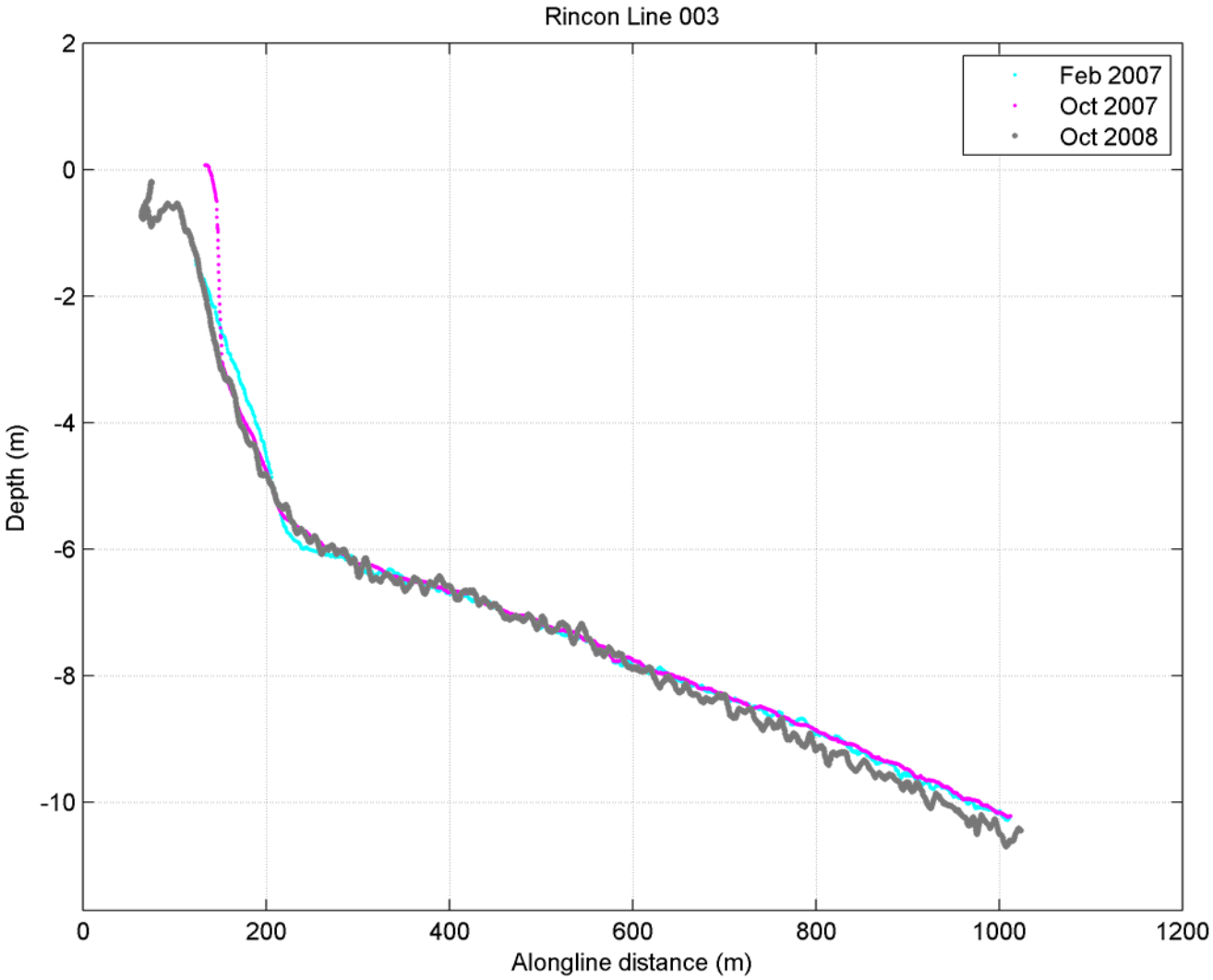
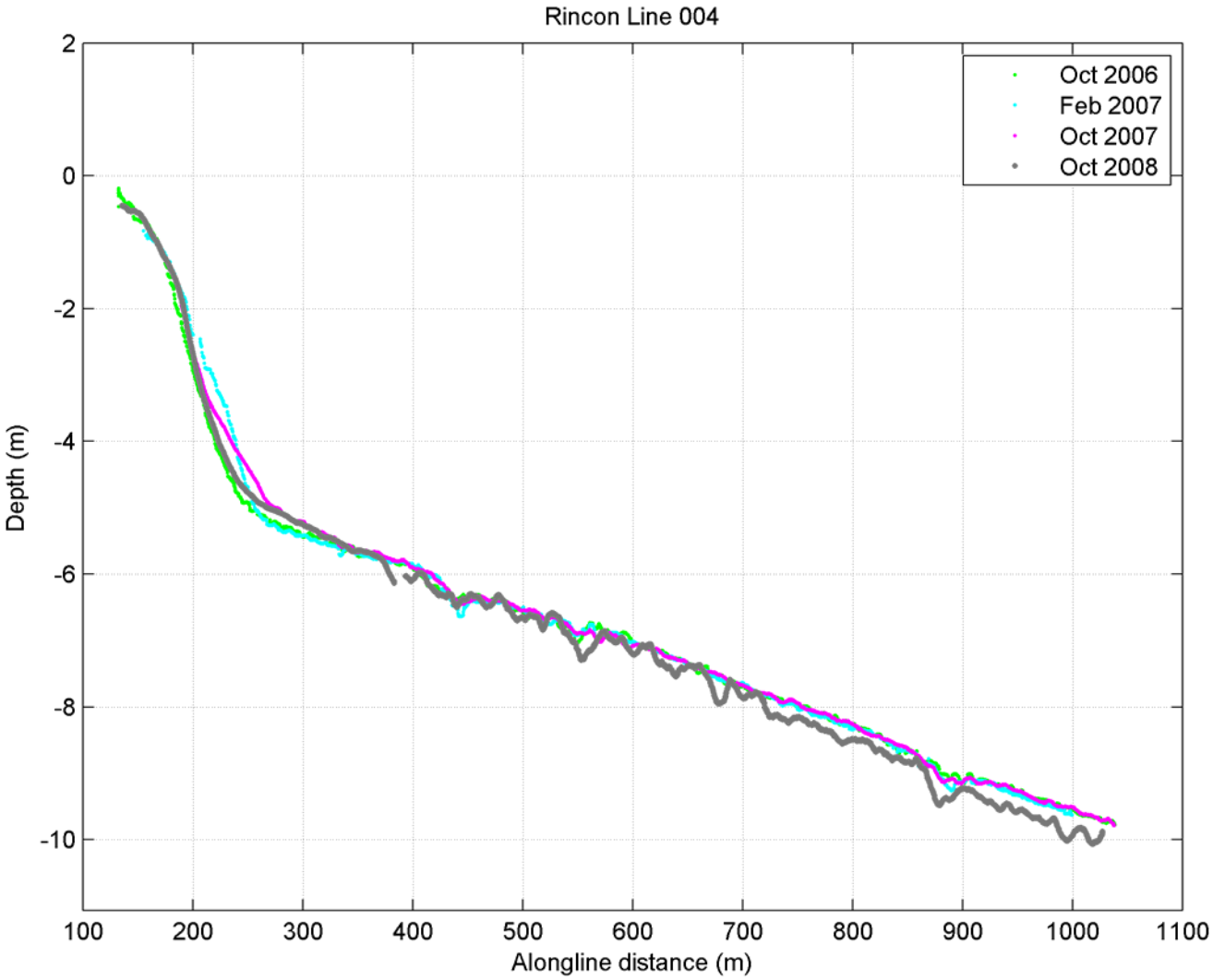
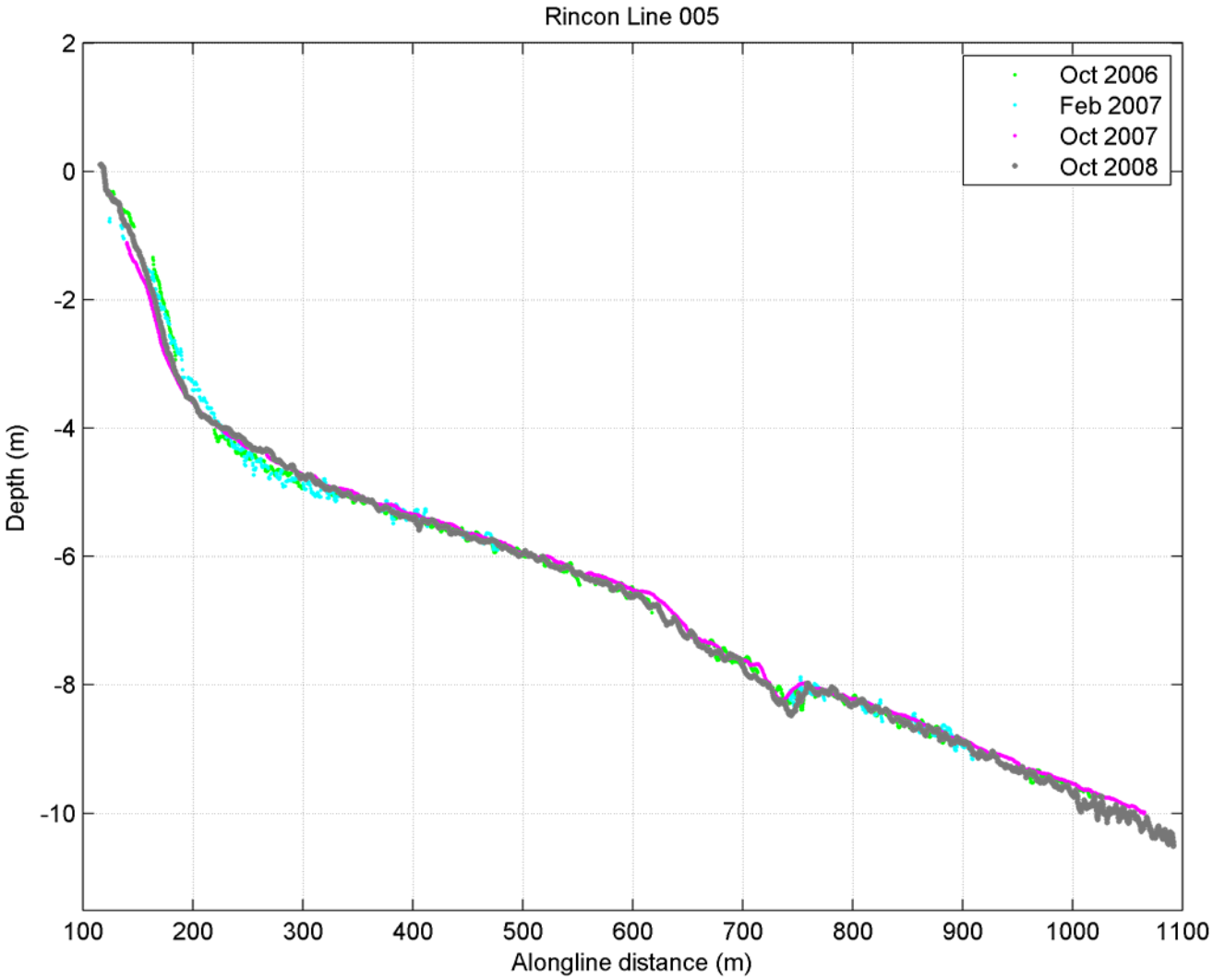


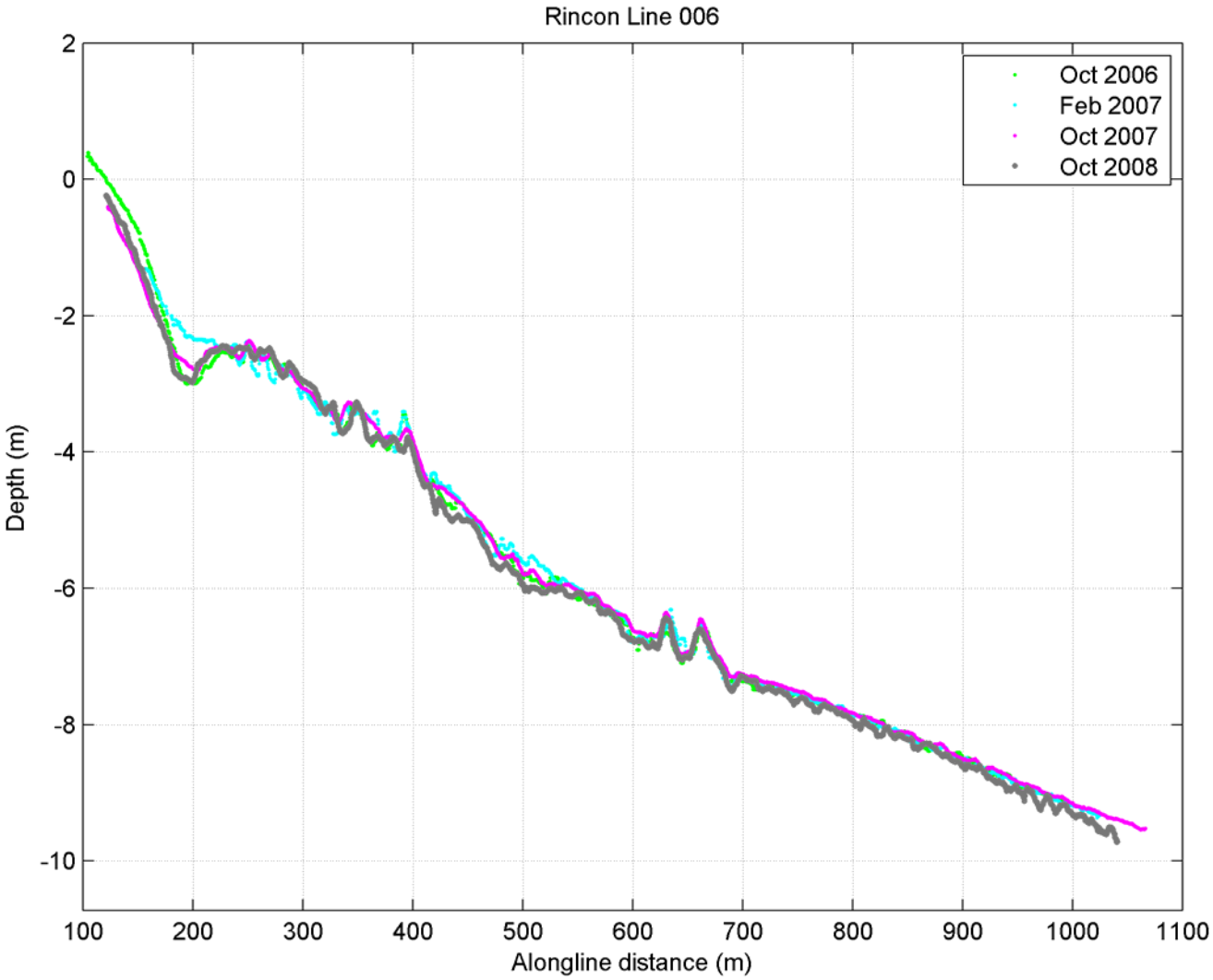
Figure C9. Rincon Parkway Coastal Profiling System plots, survey lines 1-35.

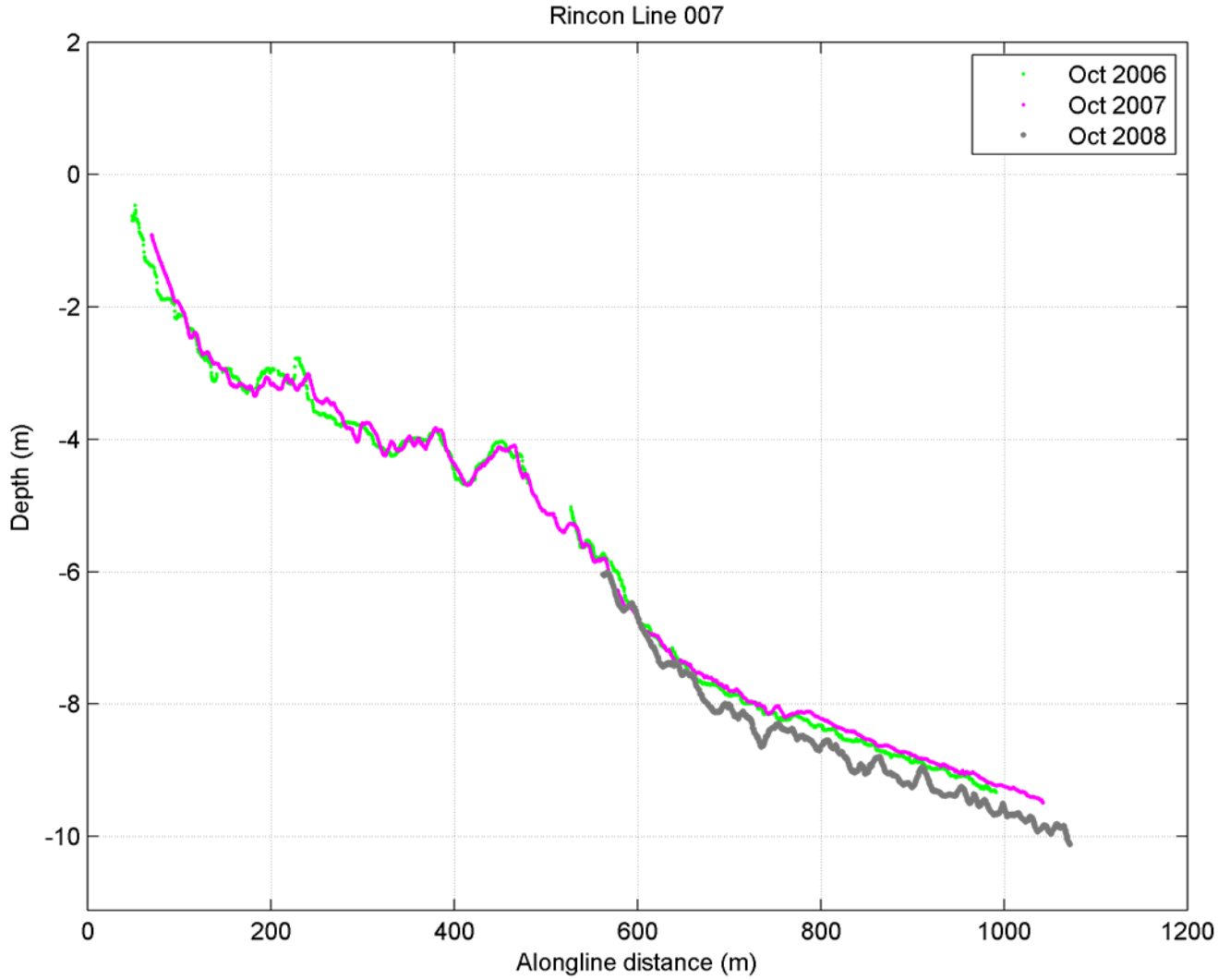

Rincon Line 002
Oct 2006
Feb 2007
Oct 2007
Oct 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
-12
100
200
300
400
500
600
700
800
900
1000
1100

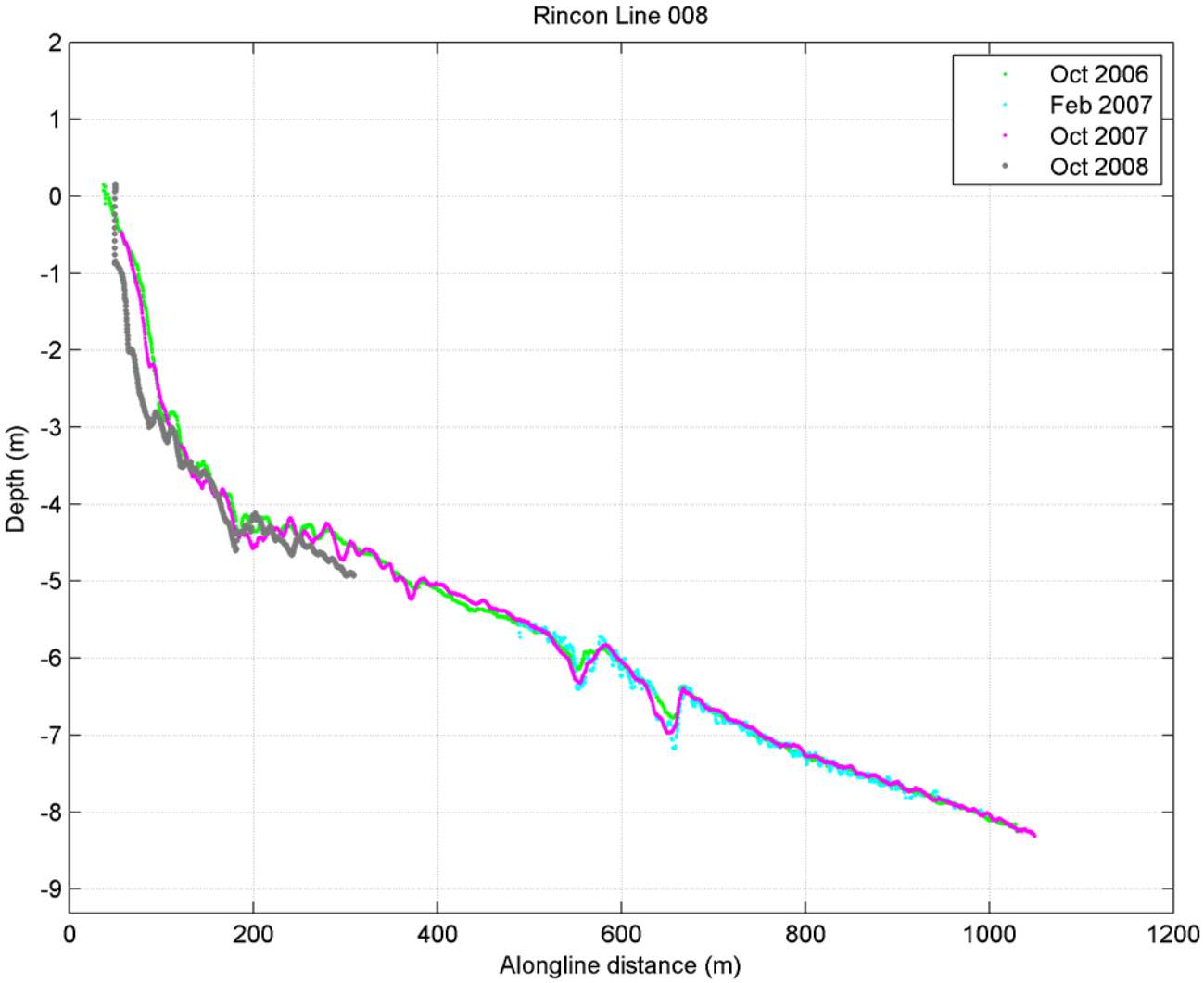

Rincon Line 003
Feb 2007
Oct 2007
Oct 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
0
200
400
600
800
1000
1200

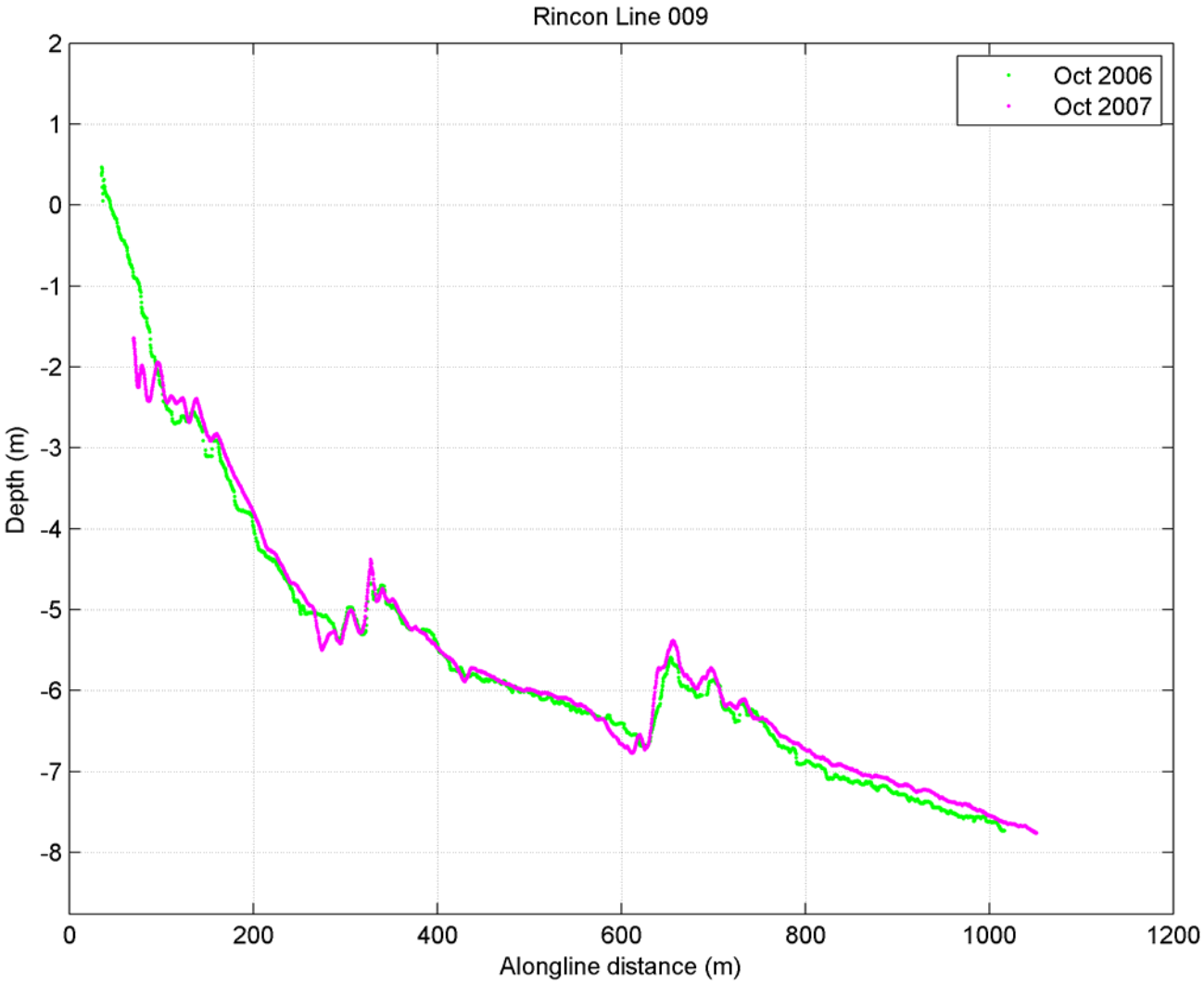

Rincon Line 004
Oct 2006
Feb 2007
Oct 2007
Oct 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
100
200
300
400
500
600
700
800
900
1000
1100

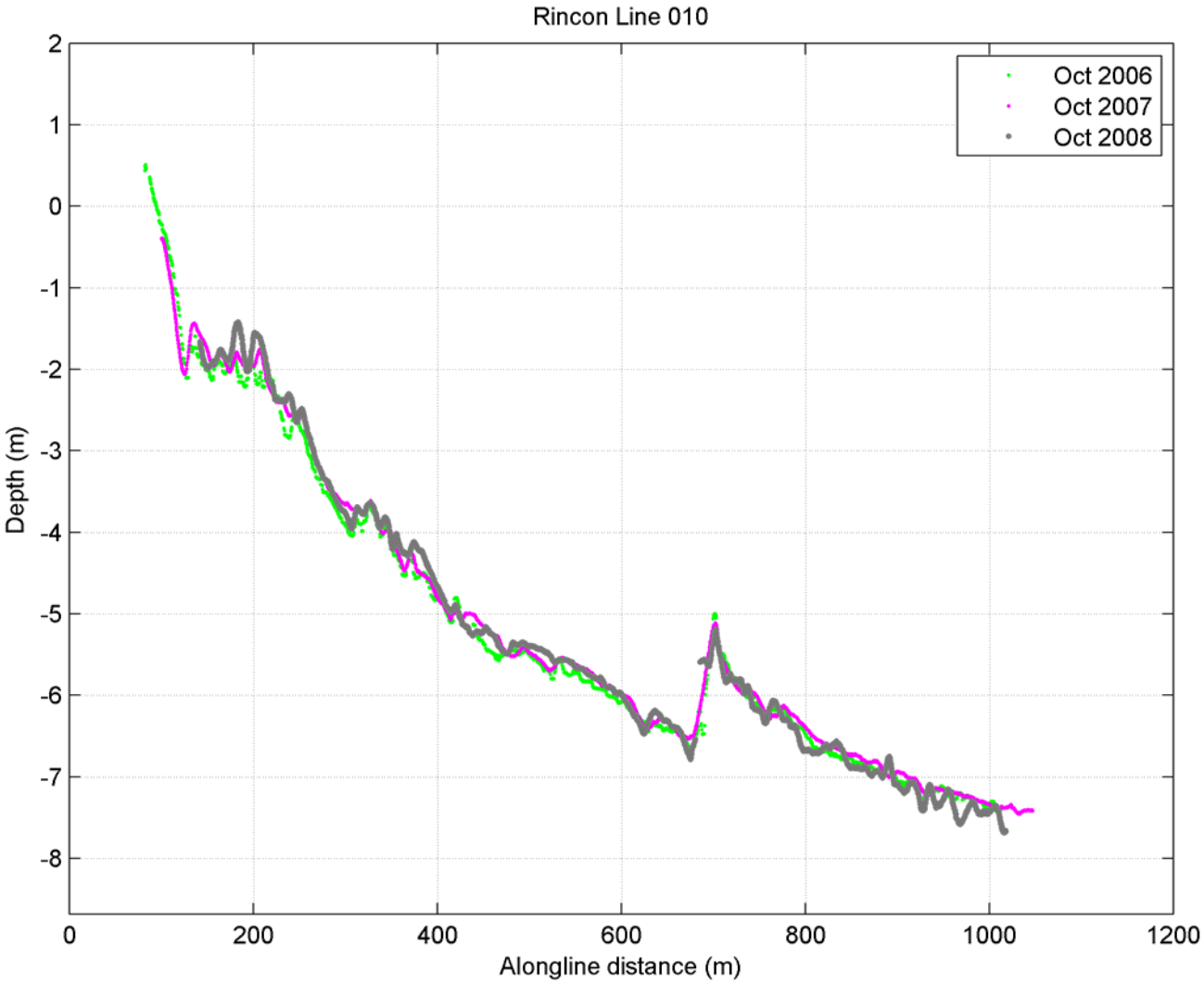

Rincon Line 005
Oct 2006
Feb 2007
Oct 2007
Oct 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
100
200
300
400
500
600
700
800
900
1000
1100

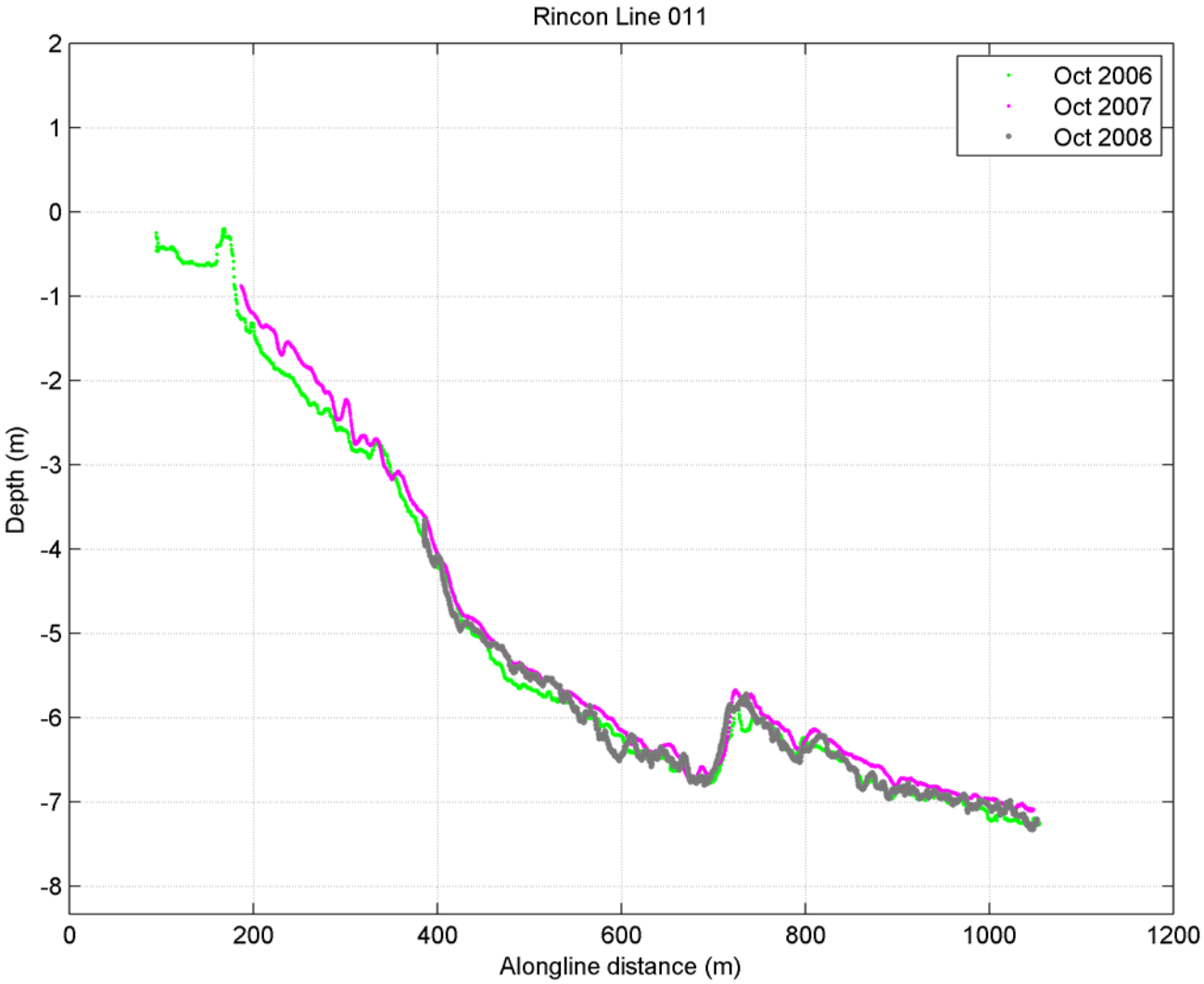

Rincon Line 006
Oct 2006
Feb 2007
Oct 2007
Oct 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
100
200
300
400
500
600
700
800
900
1000
1100

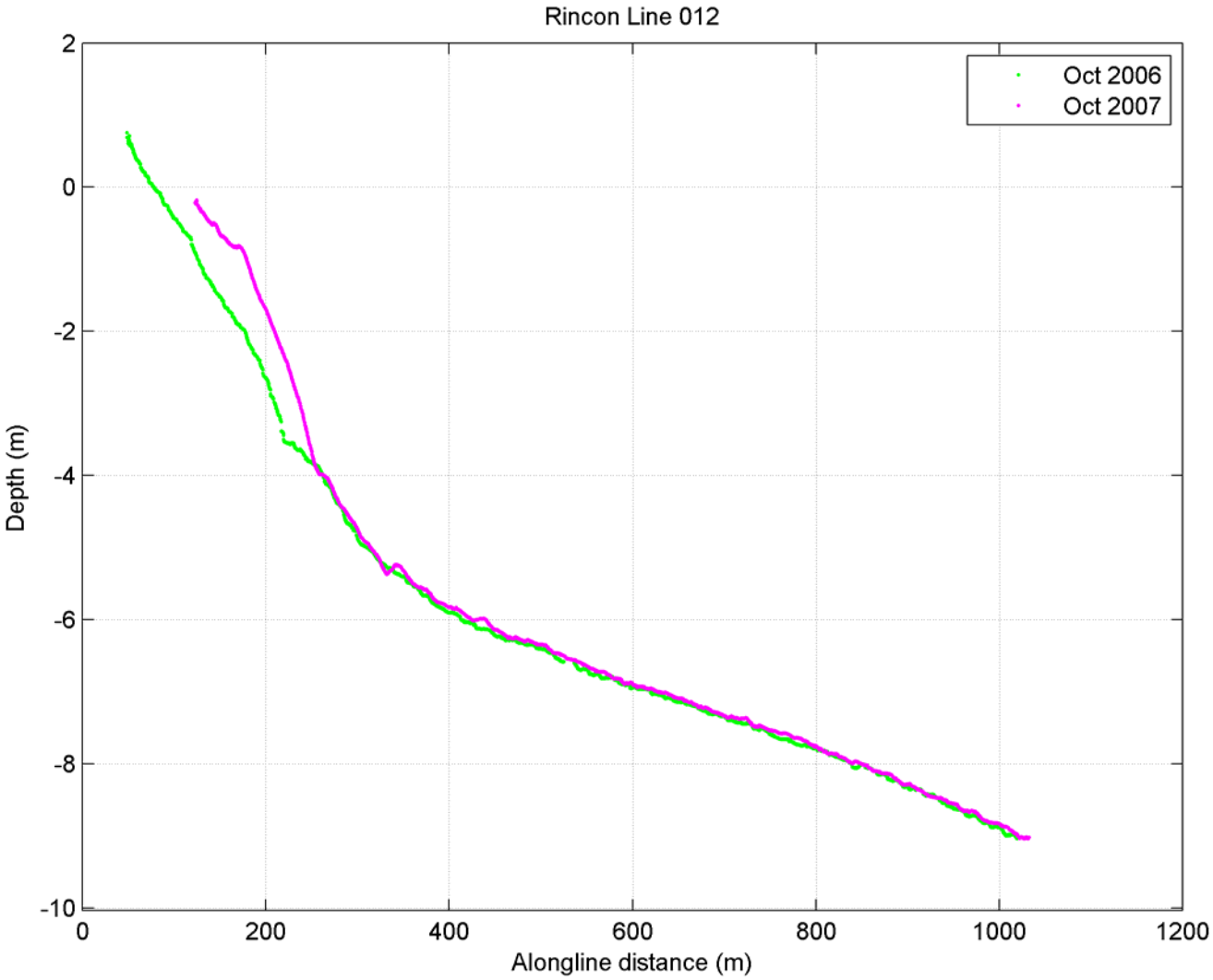

Rincon Line 007
Oct 2006
Oct 2007
Oct 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
0
200
400
600
800
1000
1200

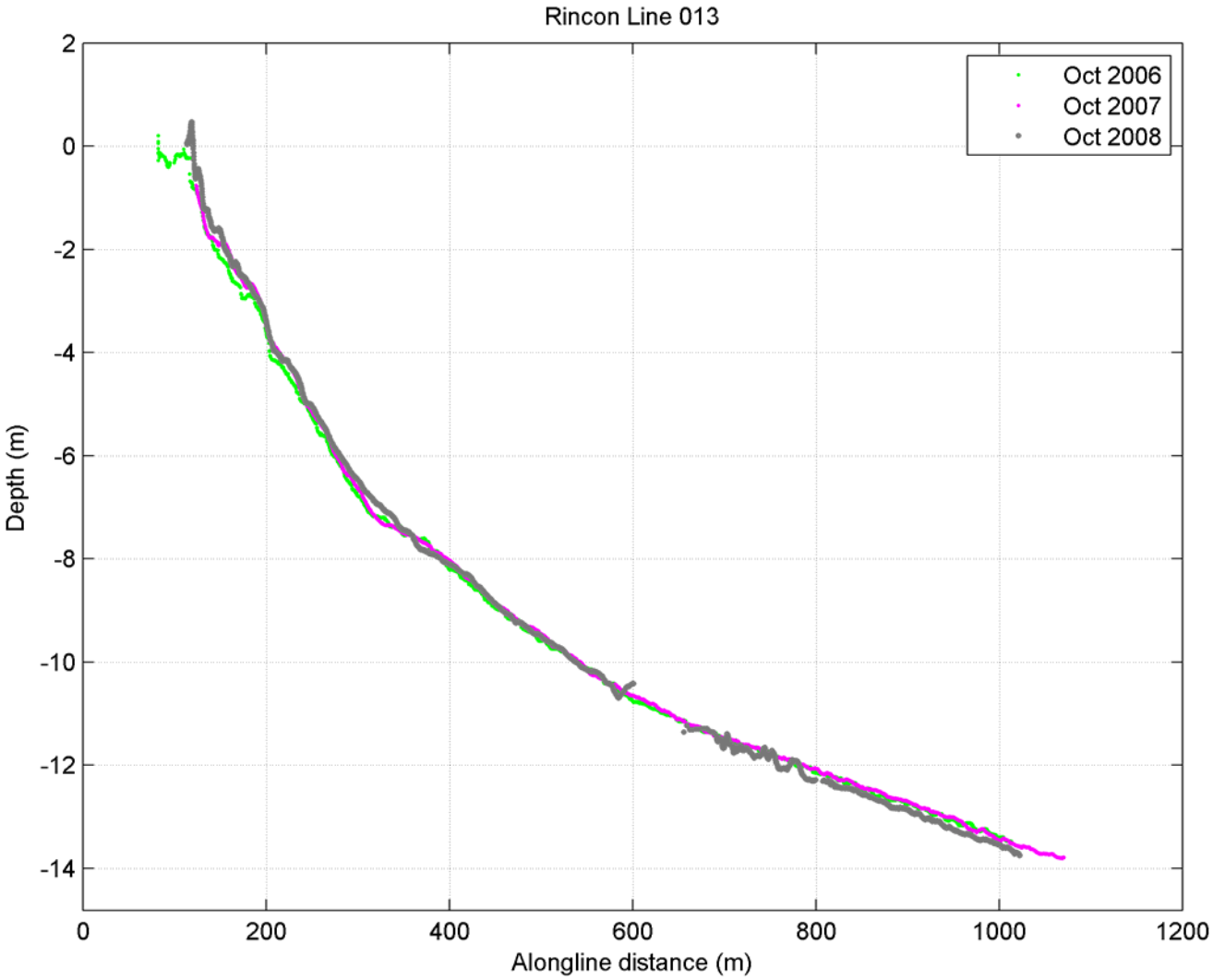

Rincon Line 008
Oct 2006
Feb 2007
Oct 2007
Oct 2008
Depth (m)
Alongline distance (m)
2
1
0
-1
-2
-3
-4
-5
-6
-7
-8
-9
0
200
400
600
800
1000
1200

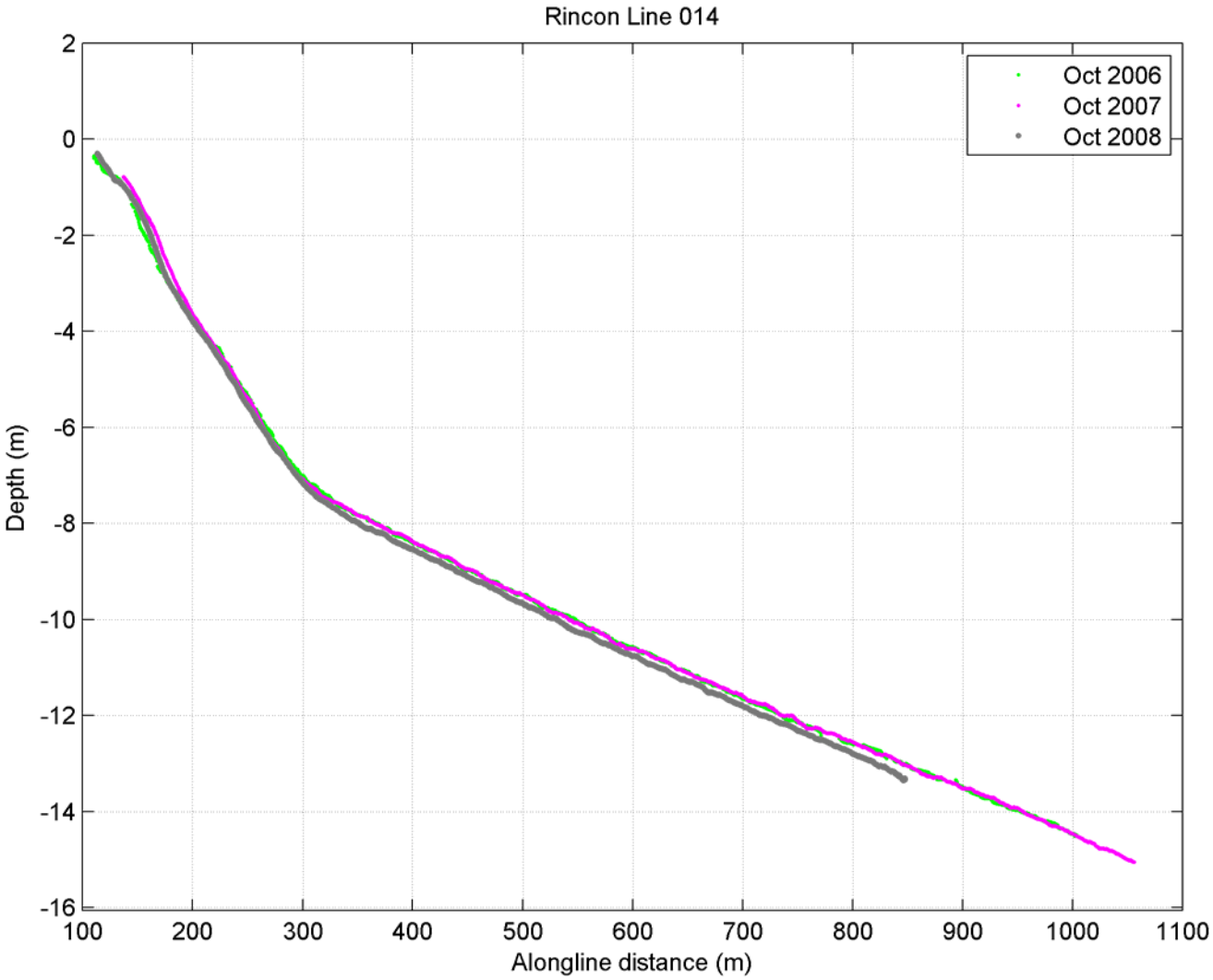

Rincon Line 009
Oct 2006
Oct 2007
Depth (m)
Alongline distance (m)
2
1
0
-1
-2
-3
-4
-5
-6
-7
-8
0
200
400
600
800
1000
1200

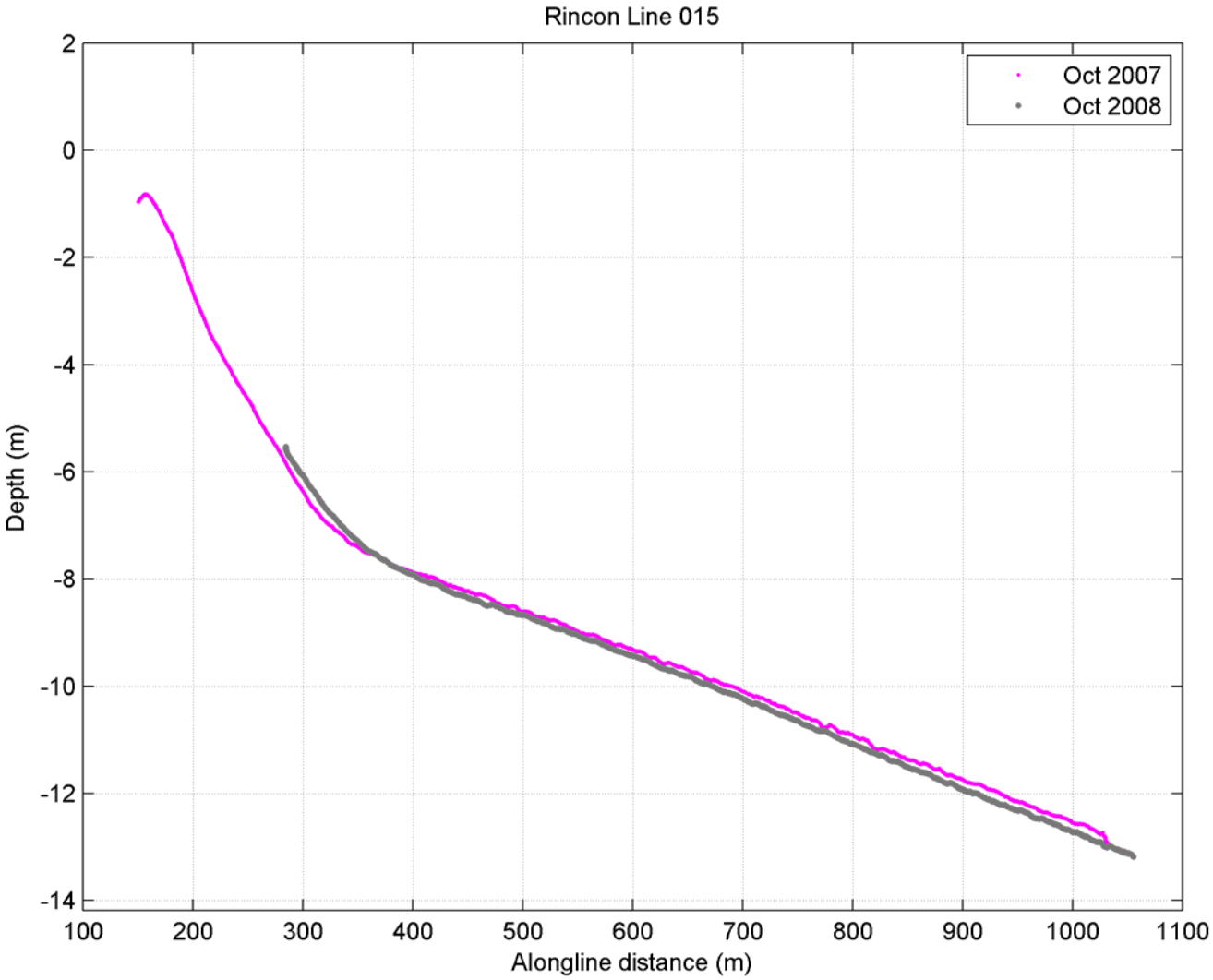

Rincon Line 010
Oct 2006
Oct 2007
Oct 2008
Depth (m)
Alongline distance (m)
2
1
0
-1
-2
-3
-4
-5
-6
-7
-8
0
200
400
600
800
1000
1200

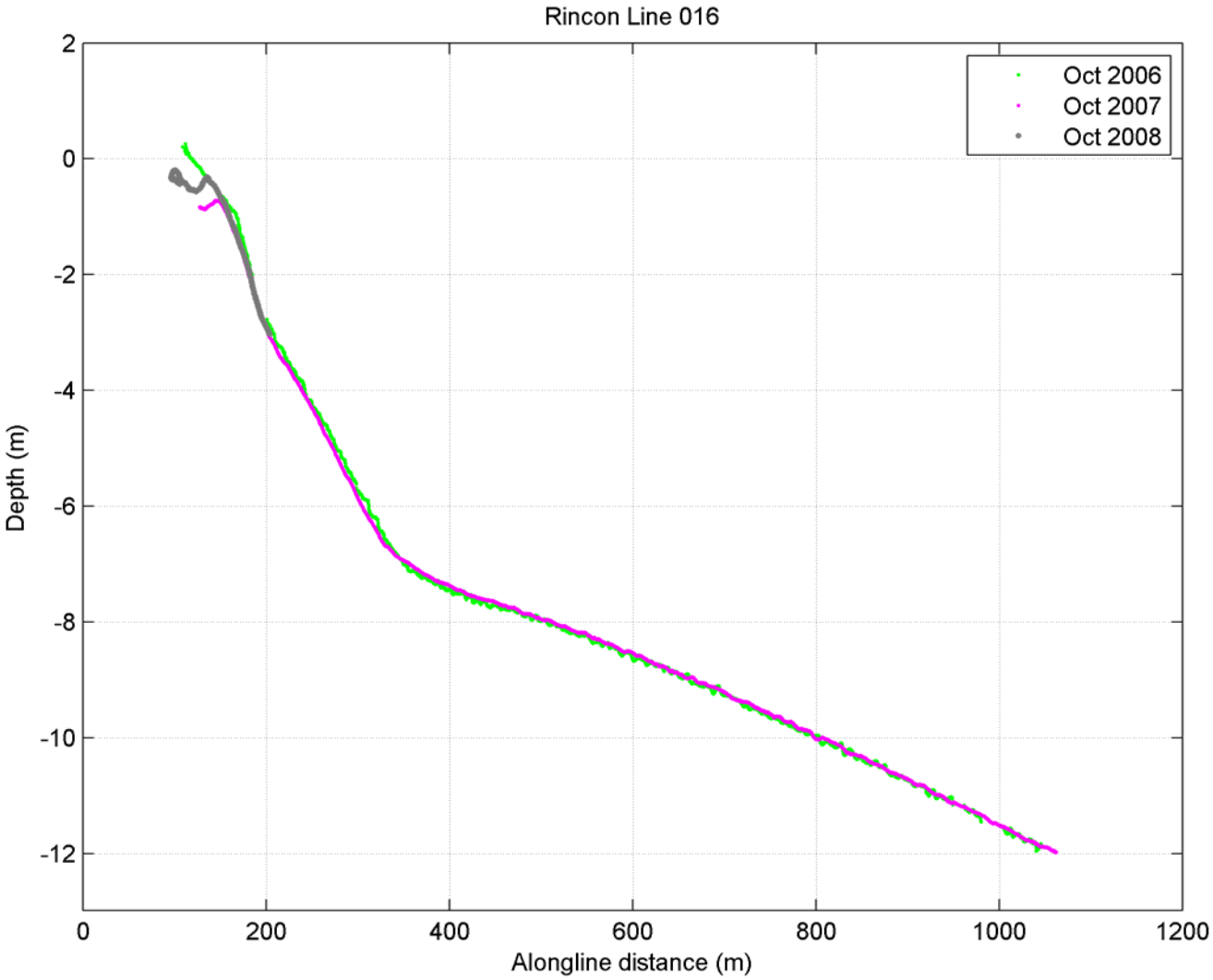

Rincon Line 011
Oct 2006
Oct 2007
Oct 2008
Depth (m)
Alongline distance (m)
2
1
0
-1
-2
-3
-4
-5
-6
-7
-8
0
200
400
600
800
1000
1200

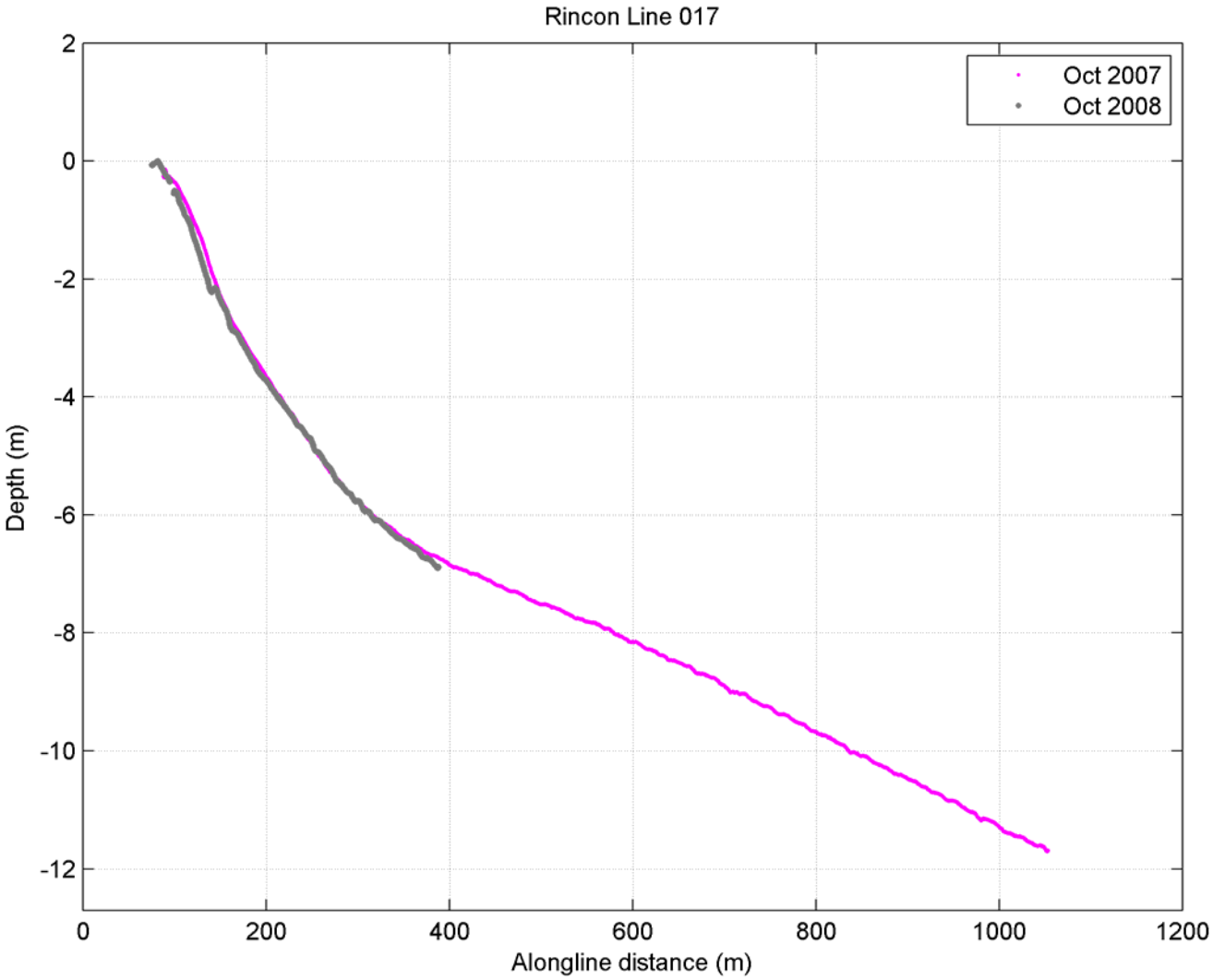

Rincon Line 012
Oct 2006
Oct 2007
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
0
200
400
600
800
1000
1200

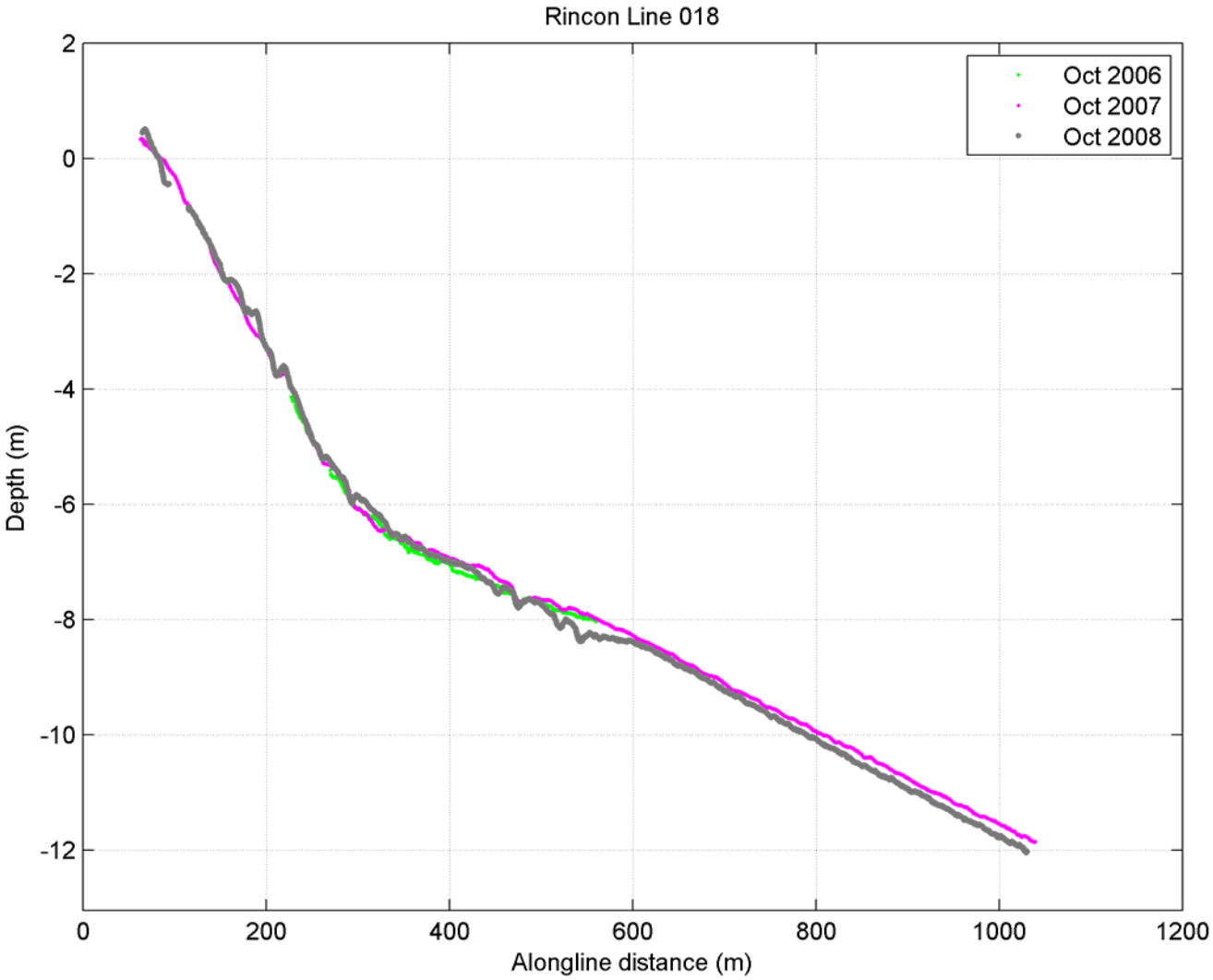

Rincon Line 013
Oct 2006
Oct 2007
Oct 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
-12
-14
0
200
400
600
800
1000
1200

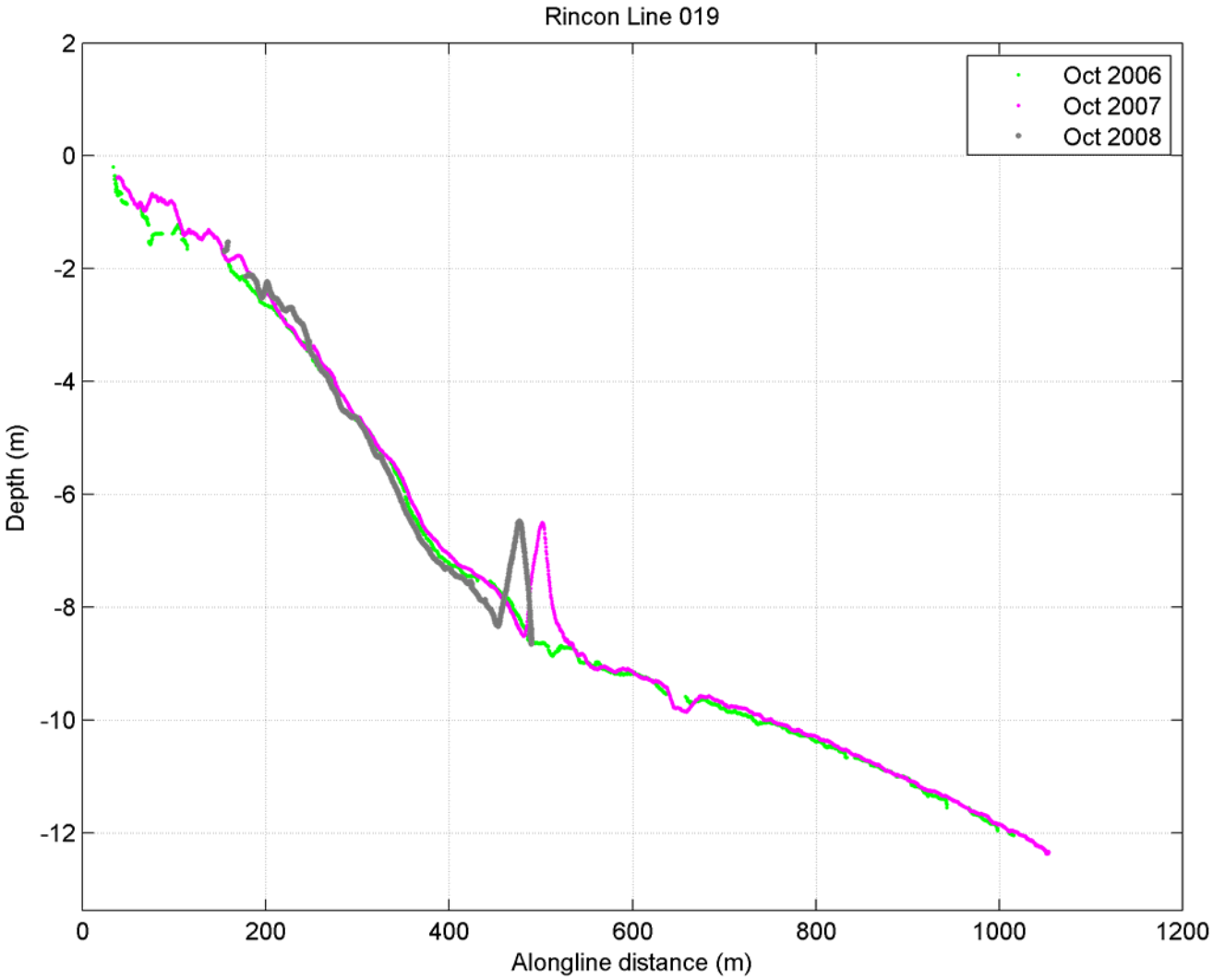

Rincon Line 014
Oct 2006
Oct 2007
Oct 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
-12
-14
-16
100
200
300
400
500
600
700
800
900
1000
1100

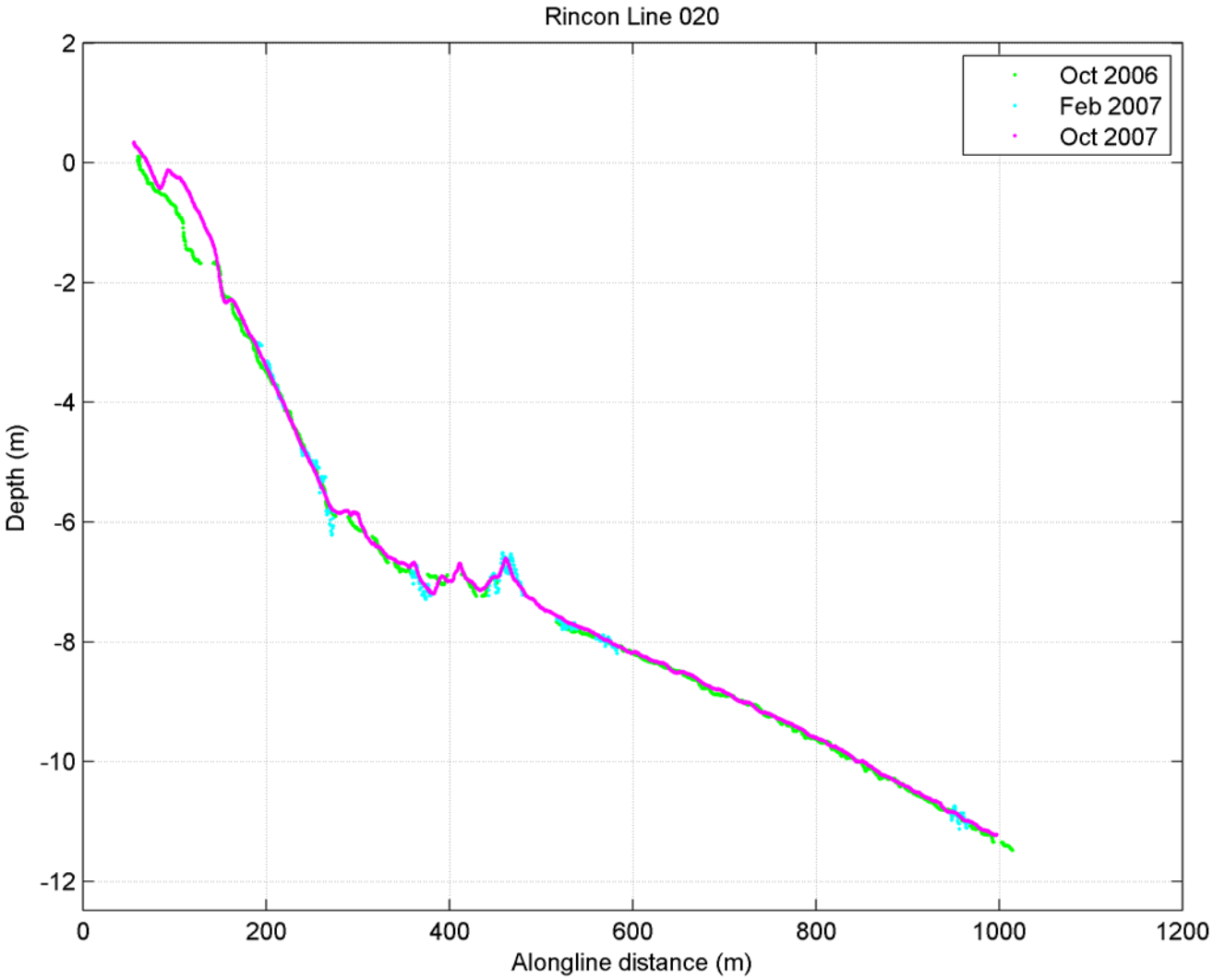

Rincon Line 015
Oct 2007
Oct 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
-12
-14
100
200
300
400
500
600
700
800
900
1000
1100

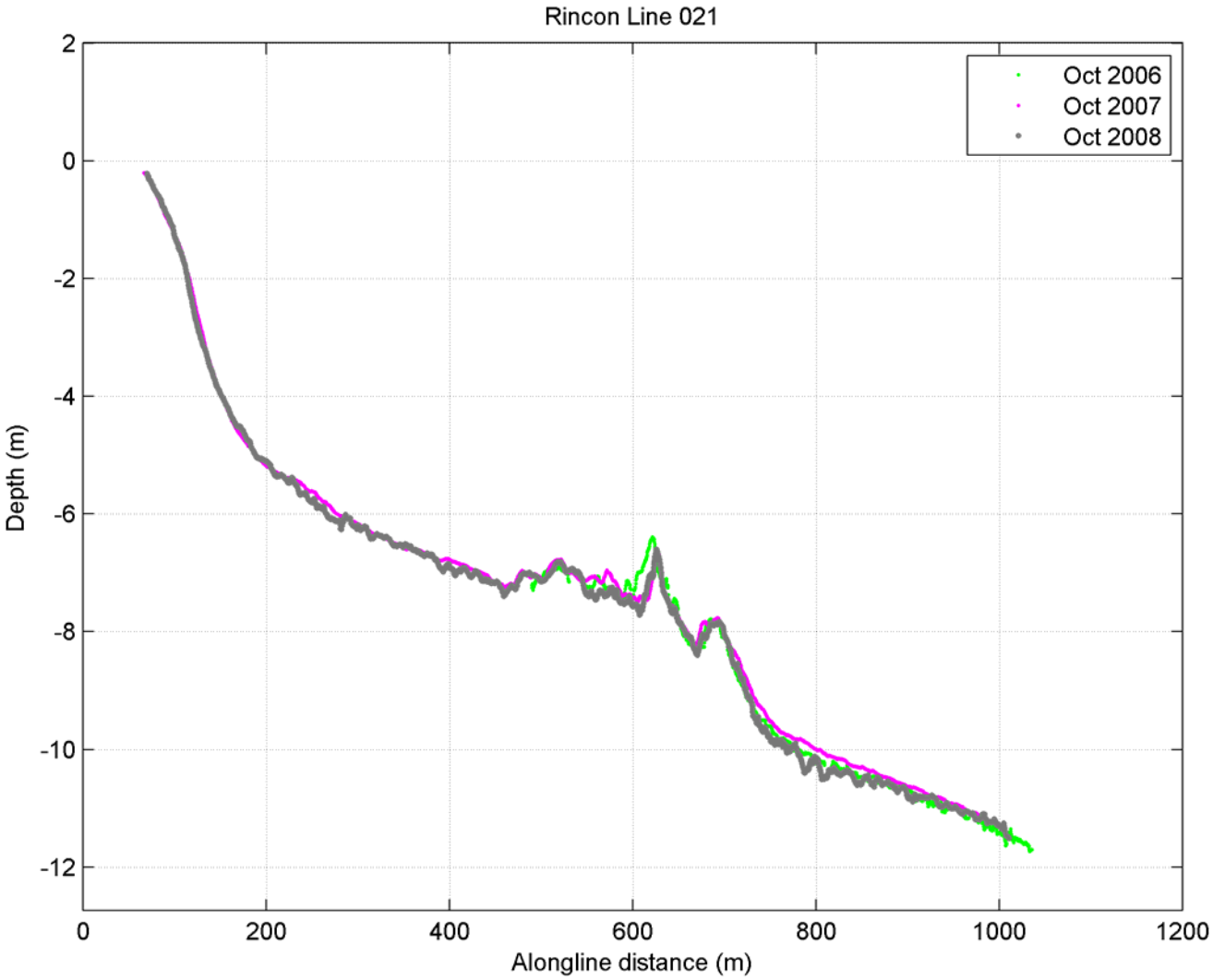

Rincon Line 016
Oct 2006
Oct 2007
Oct 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
-12
0
200
400
600
800
1000
1200

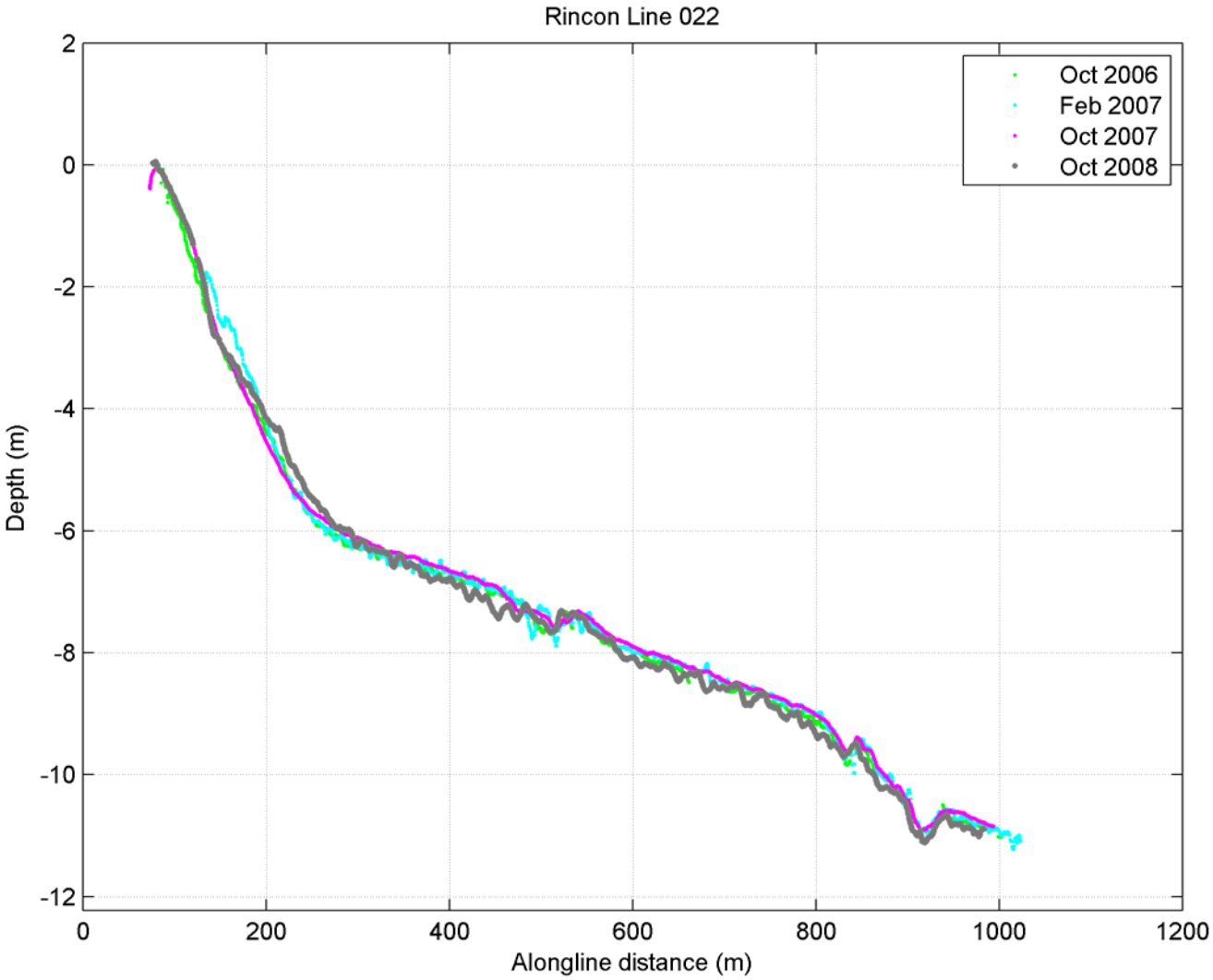

Rincon Line 017
Oct 2007
Oct 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
-12
0
200
400
600
800
1000
1200

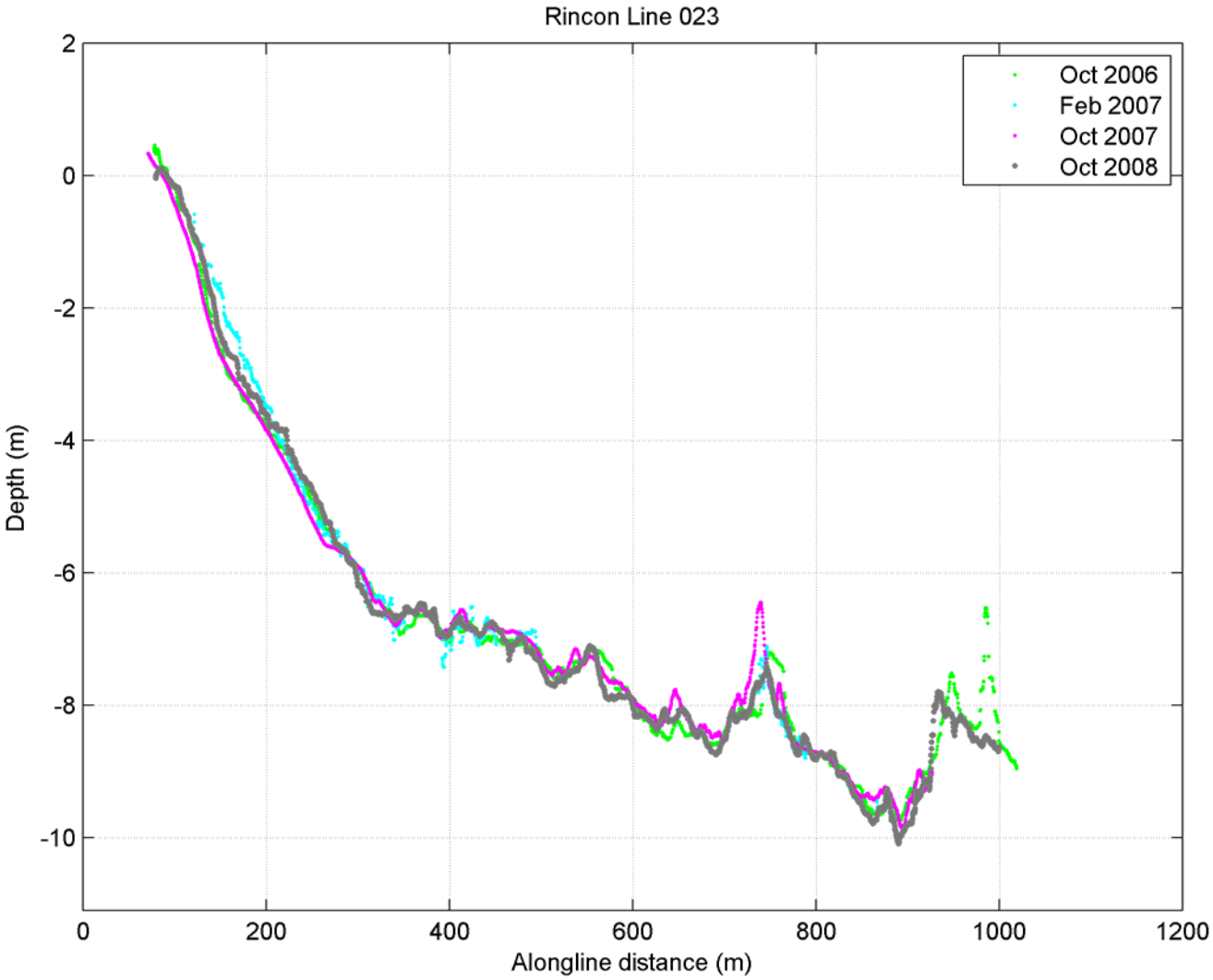

Rincon Line 018
Oct 2006
Oct 2007
Oct 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
-12
0
200
400
600
800
1000
1200

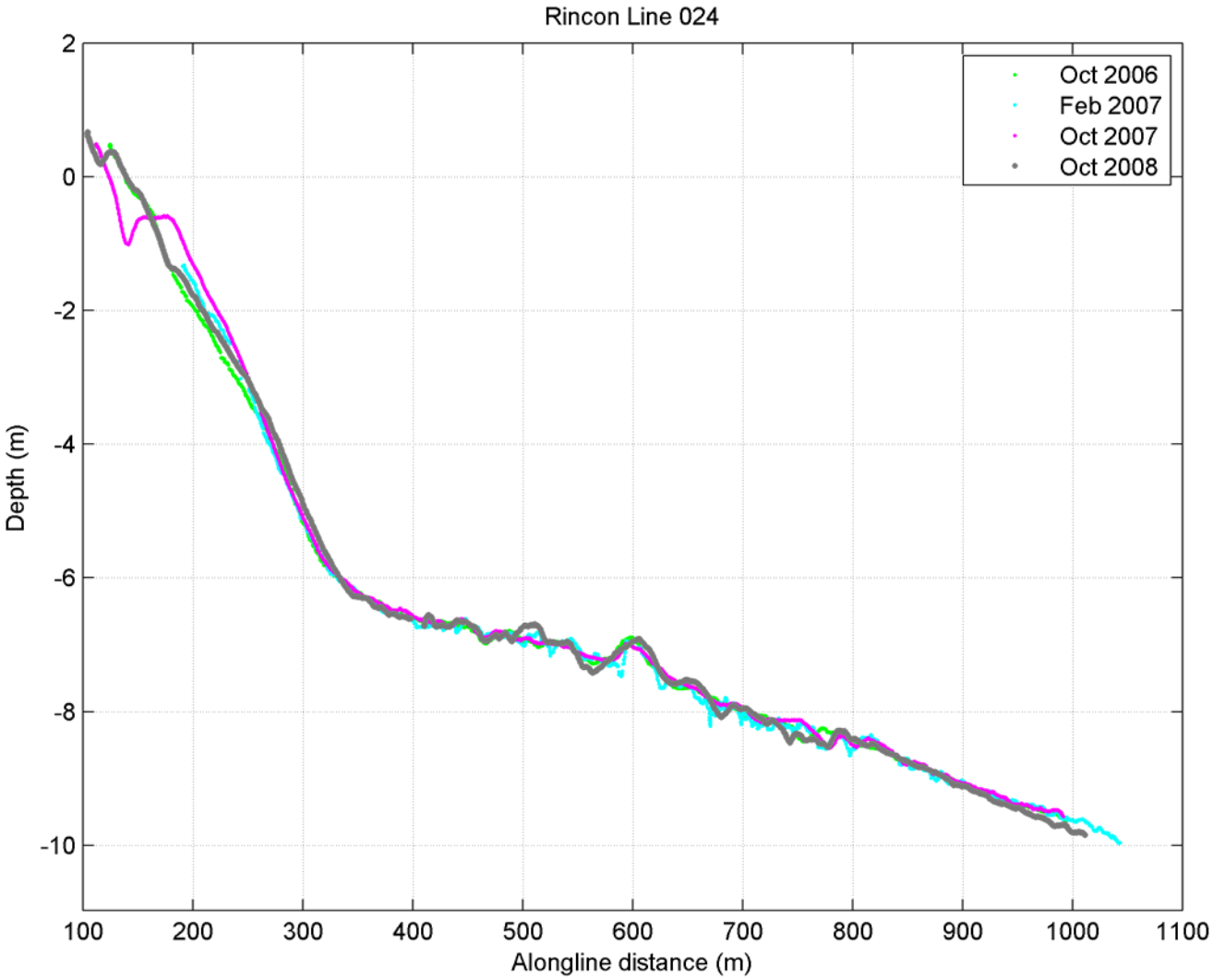

Rincon Line 019
Oct 2006
Oct 2007
Oct 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
-12
0
200
400
600
800
1000
1200

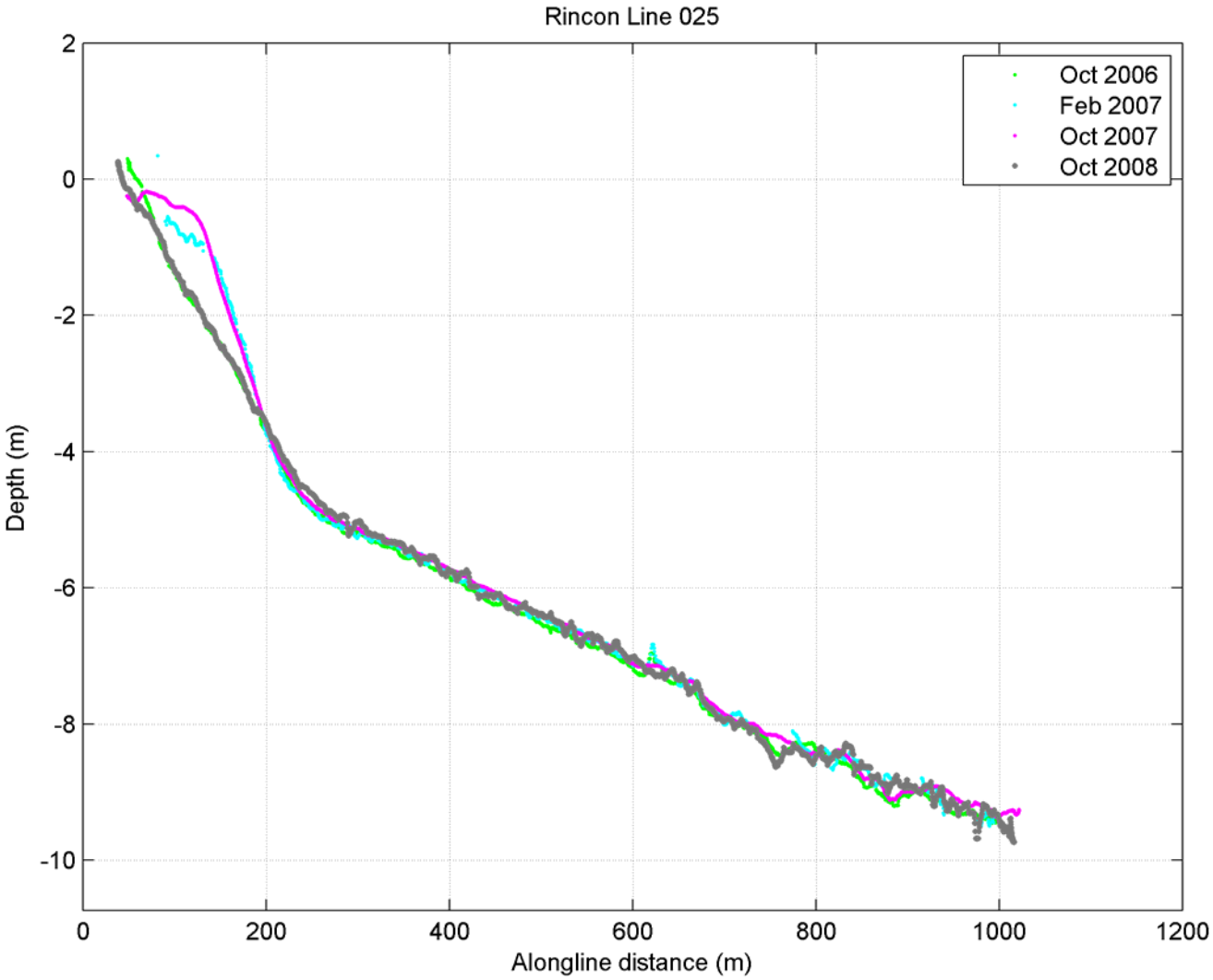

Rincon Line 020
Oct 2006
Feb 2007
Oct 2007
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
-12
0
200
400
600
800
1000
1200

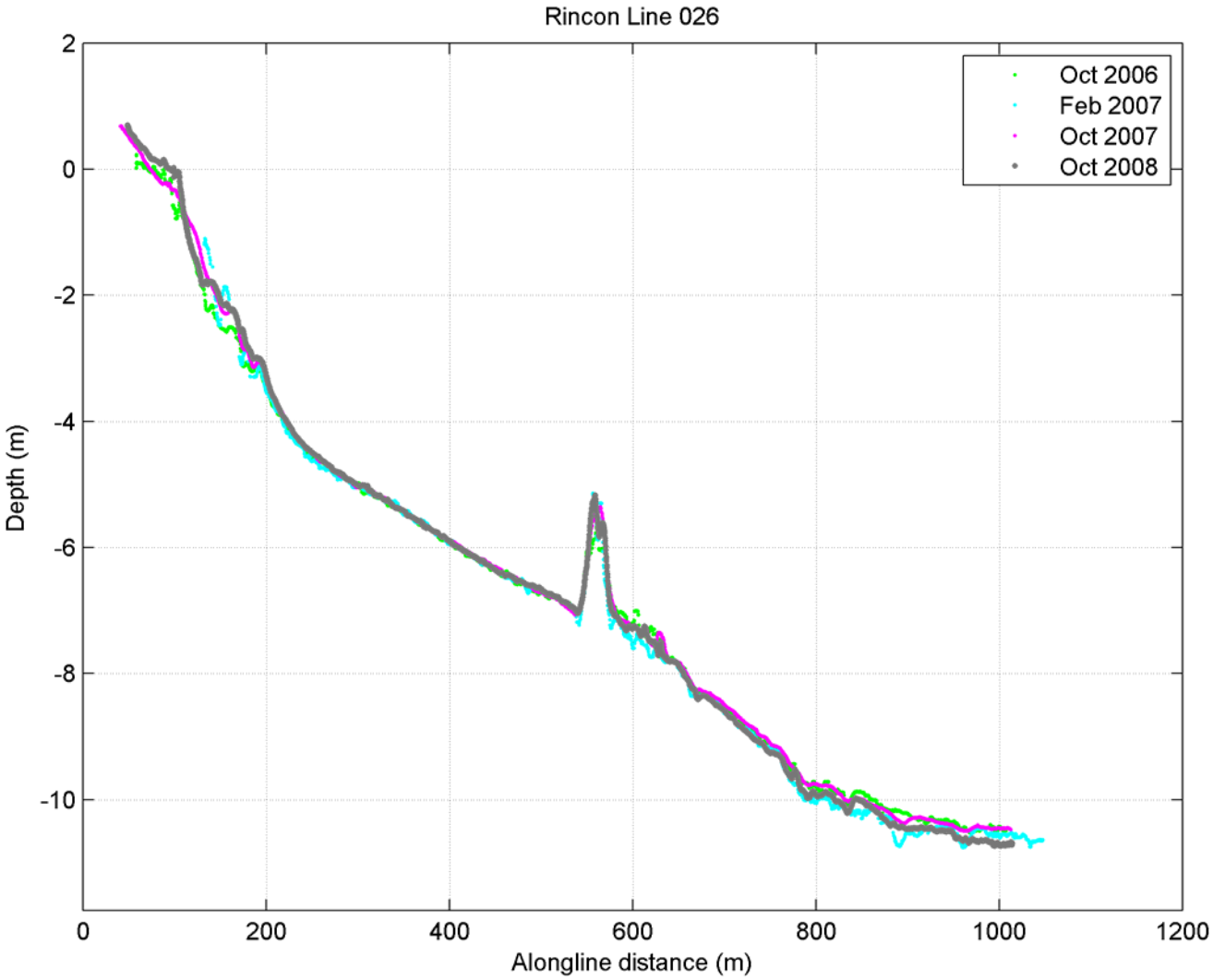

Rincon Line 021
Oct 2006
Oct 2007
Oct 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
-12
0
200
400
600
800
1000
1200

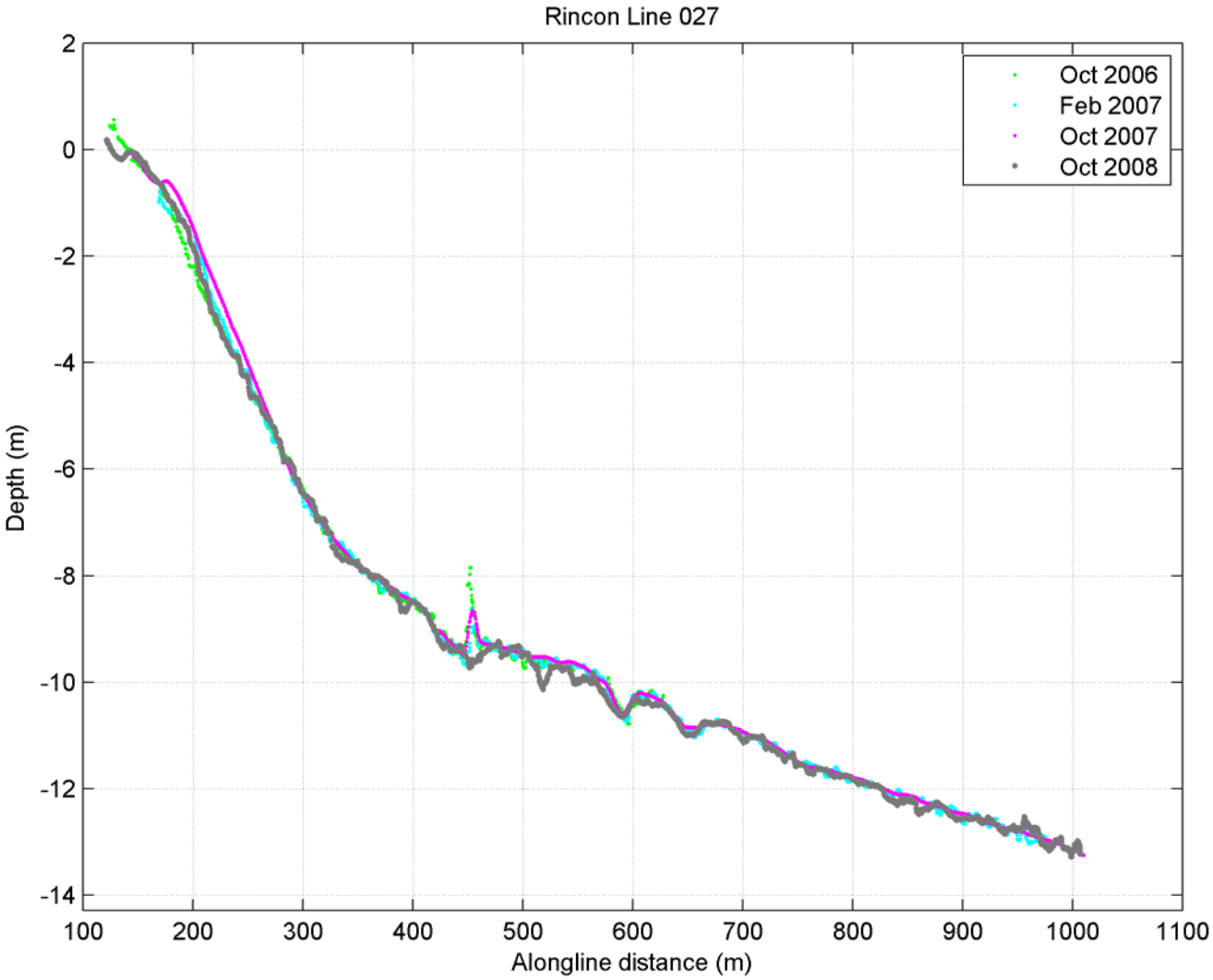

Rincon Line 022
Oct 2006
Feb 2007
Oct 2007
Oct 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
-12
0
200
400
600
800
1000
1200

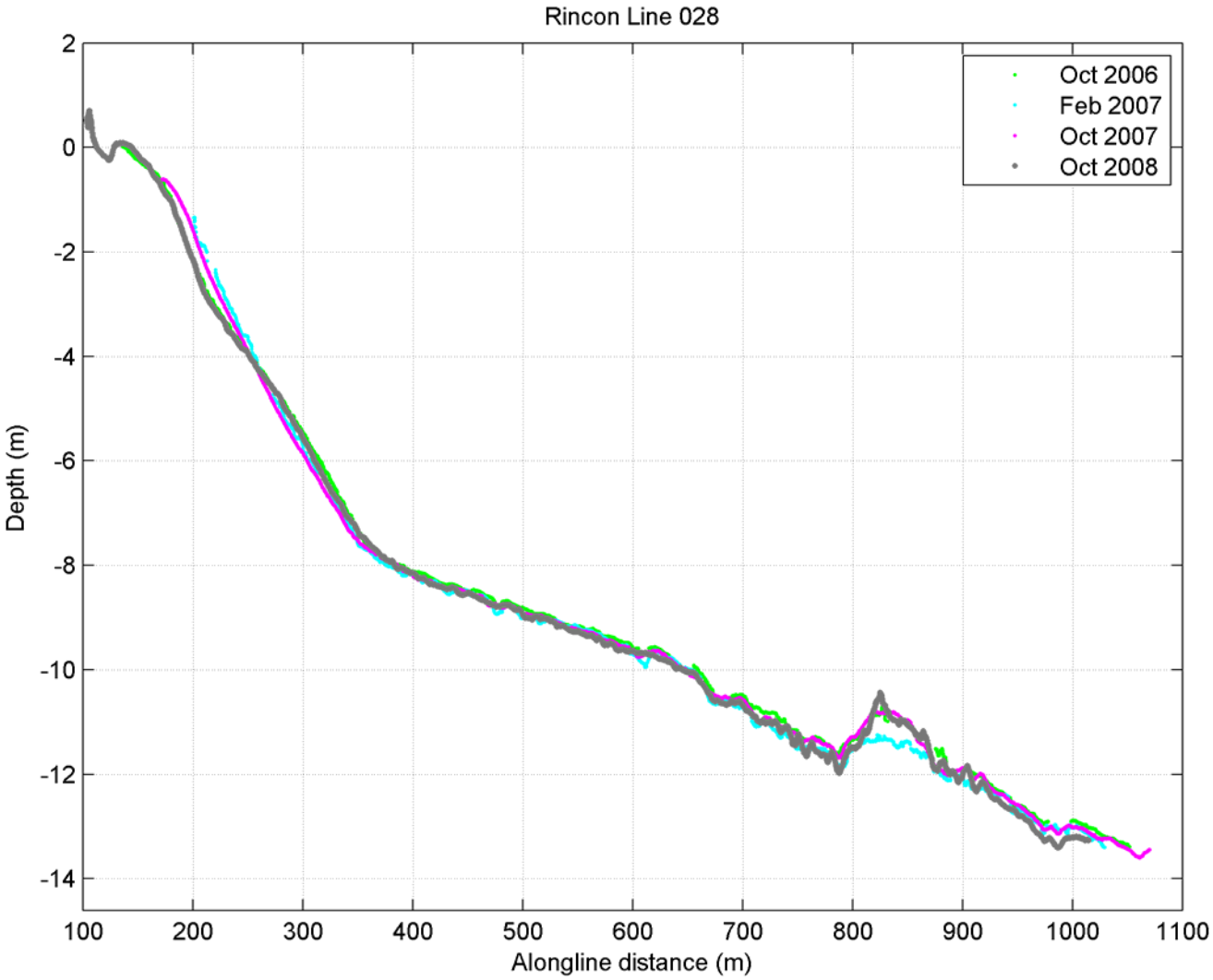

Rincon Line 023
Oct 2006
Feb 2007
Oct 2007
Oct 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
0
200
400
600
800
1000
1200

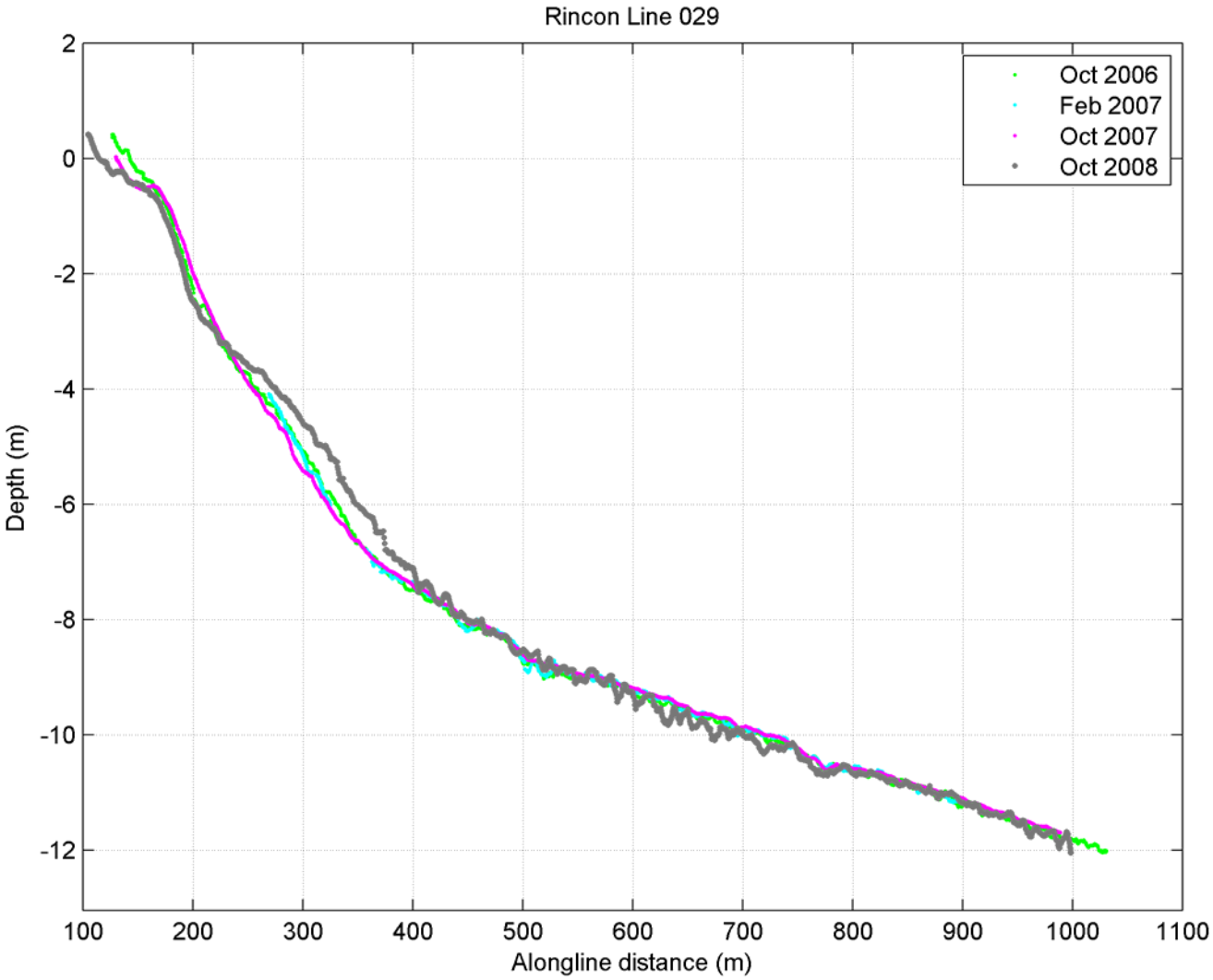

Rincon Line 024
Oct 2006
Feb 2007
Oct 2007
Oct 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
100
200
300
400
500
600
700
800
900
1000
1100

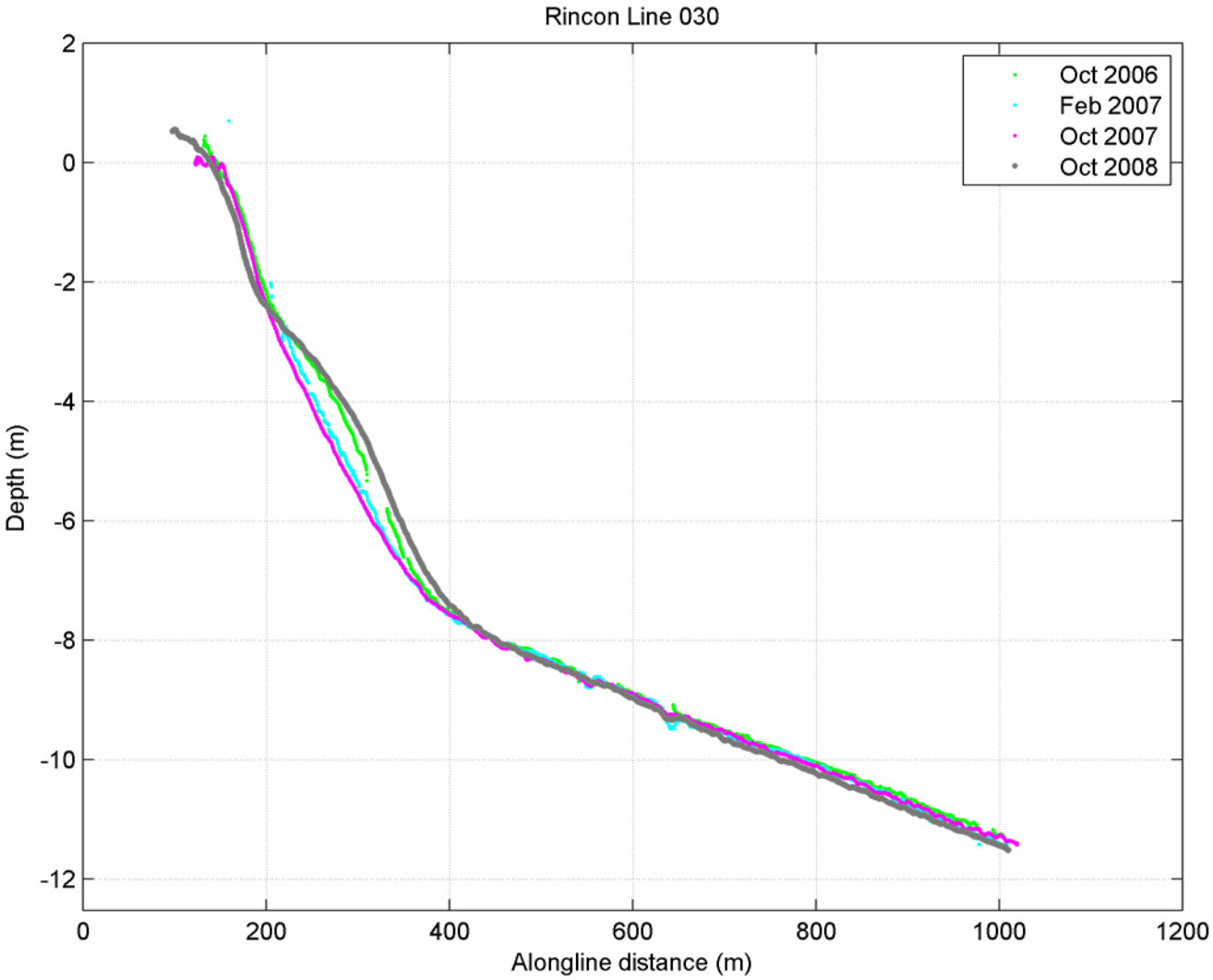

Rincon Line 025
Oct 2006
Feb 2007
Oct 2007
Oct 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
0
200
400
600
800
1000
1200

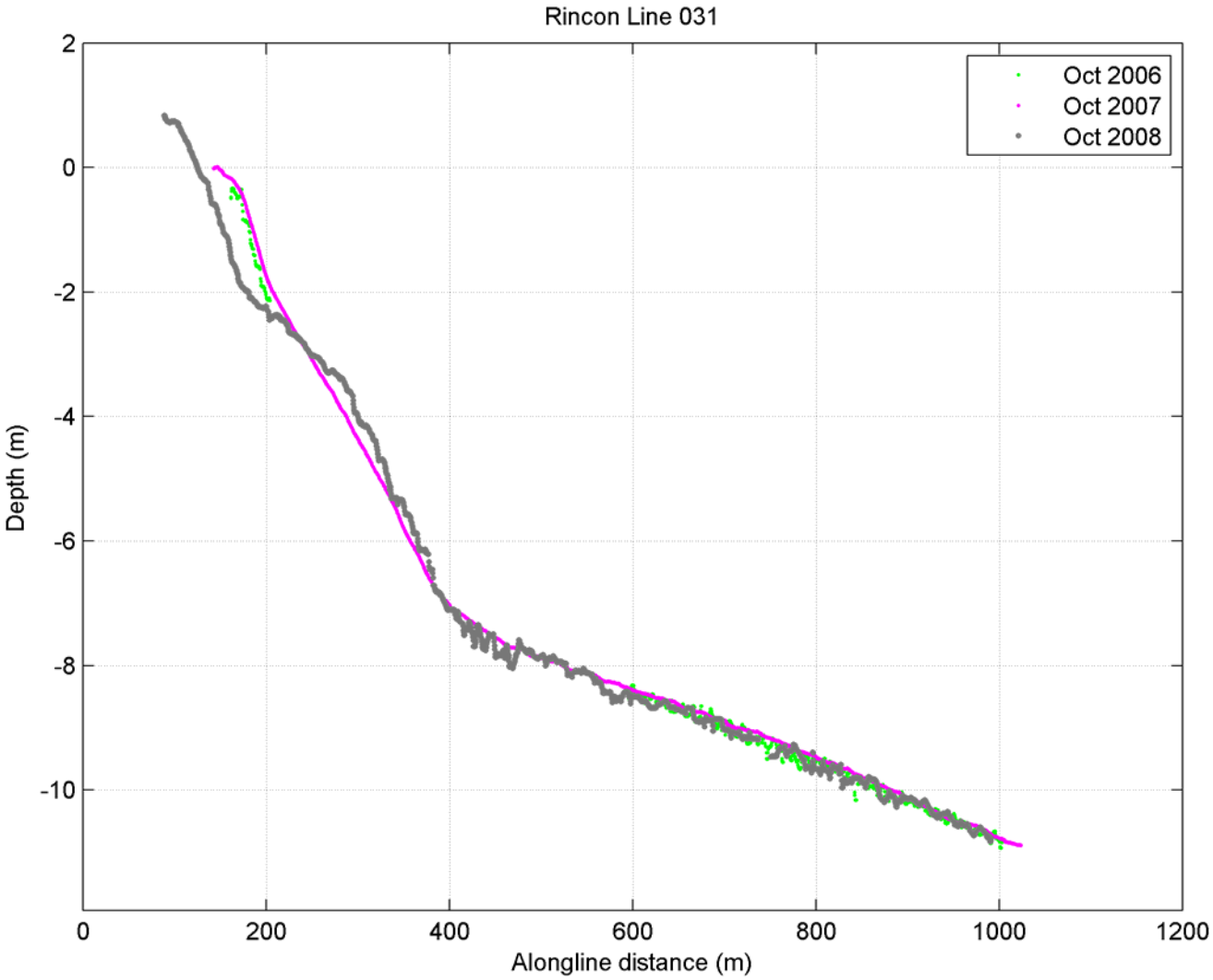

Rincon Line 026
Oct 2006
Feb 2007
Oct 2007
Oct 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
0
200
400
600
800
1000
1200

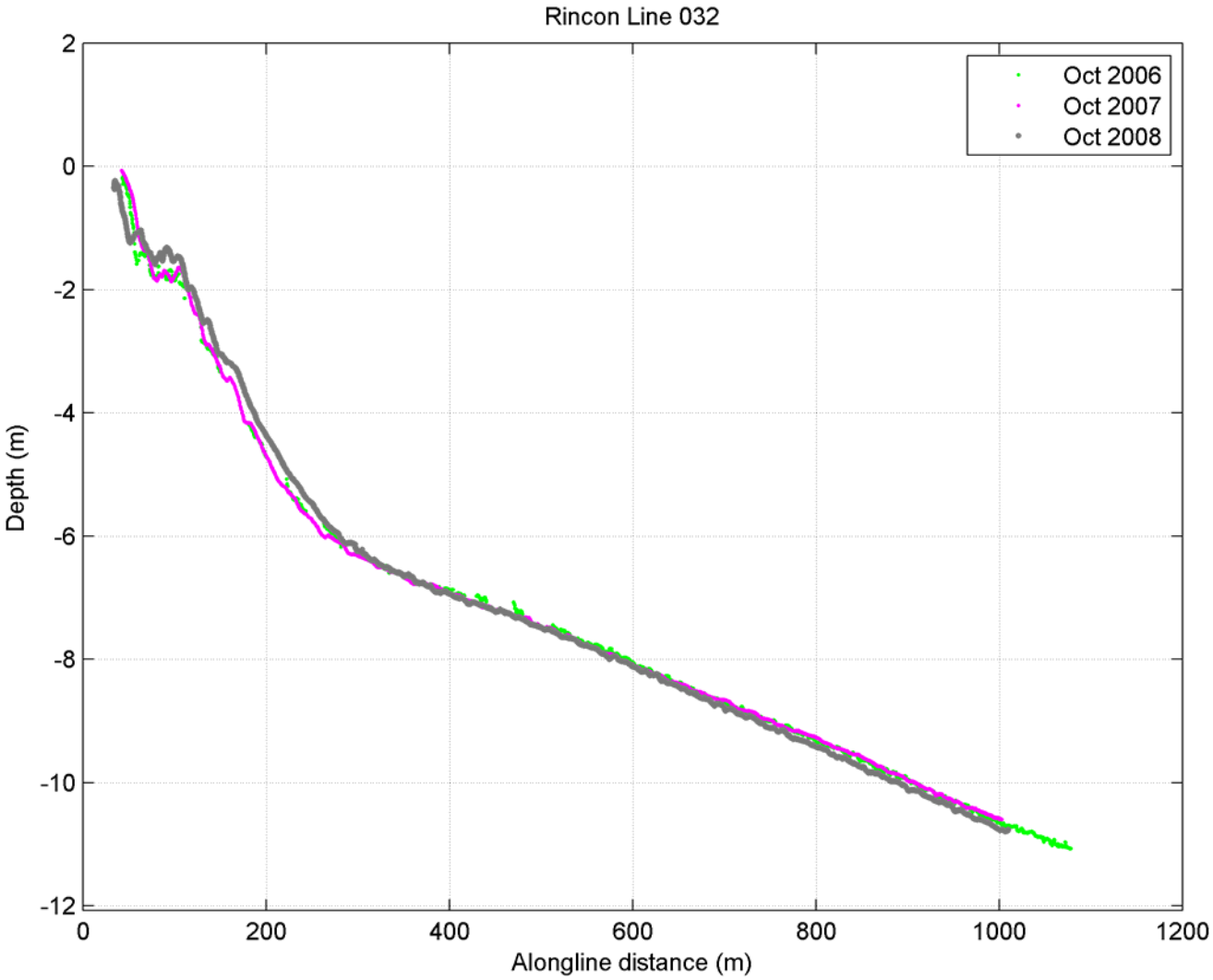

Rincon Line 027
Oct 2006
Feb 2007
Oct 2007
Oct 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
-12
-14
100
200
300
400
500
600
700
800
900
1000
1100

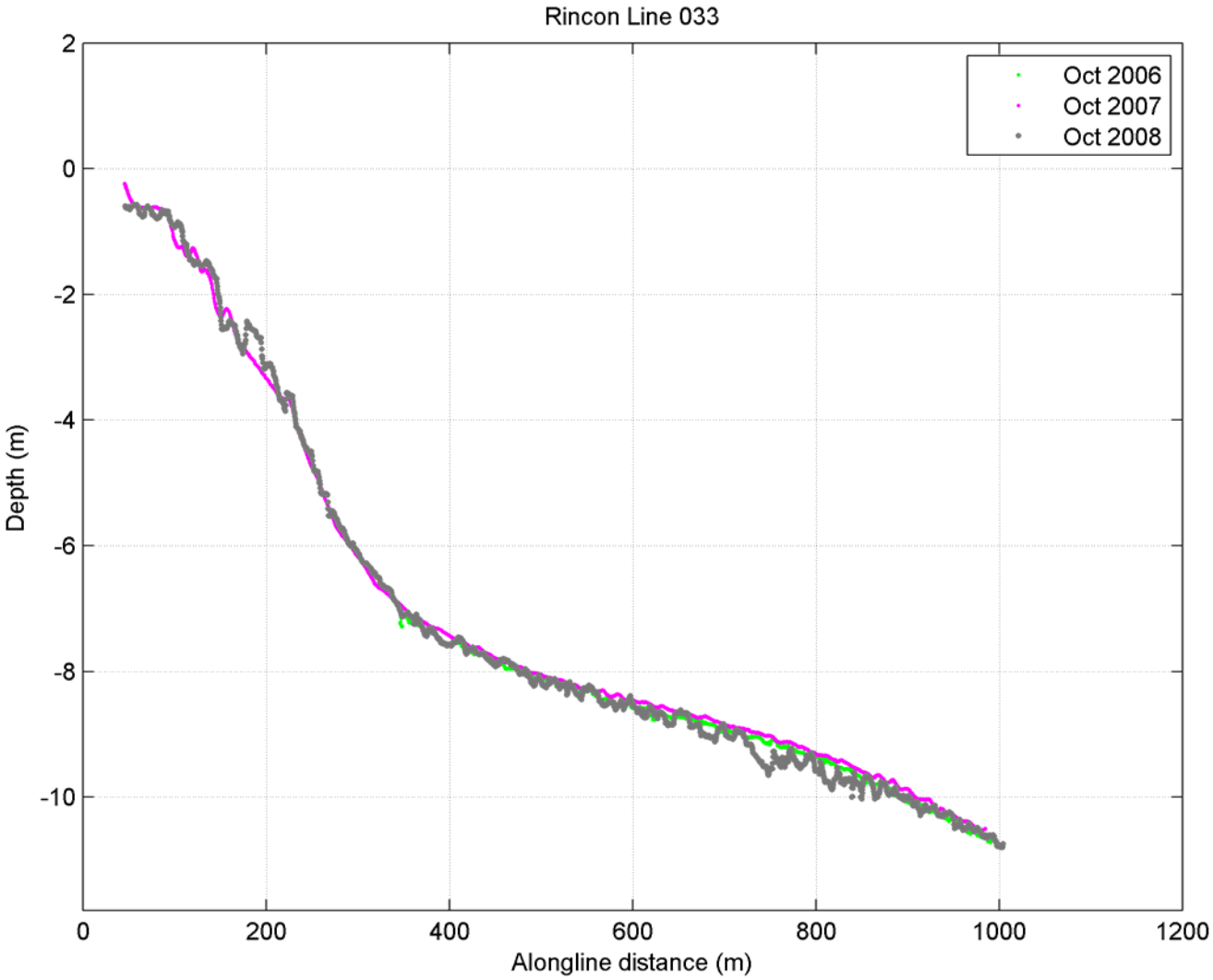

Rincon Line 028
Oct 2006
Feb 2007
Oct 2007
Oct 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
-12
-14
100
200
300
400
500
600
700
800
900
1000
1100

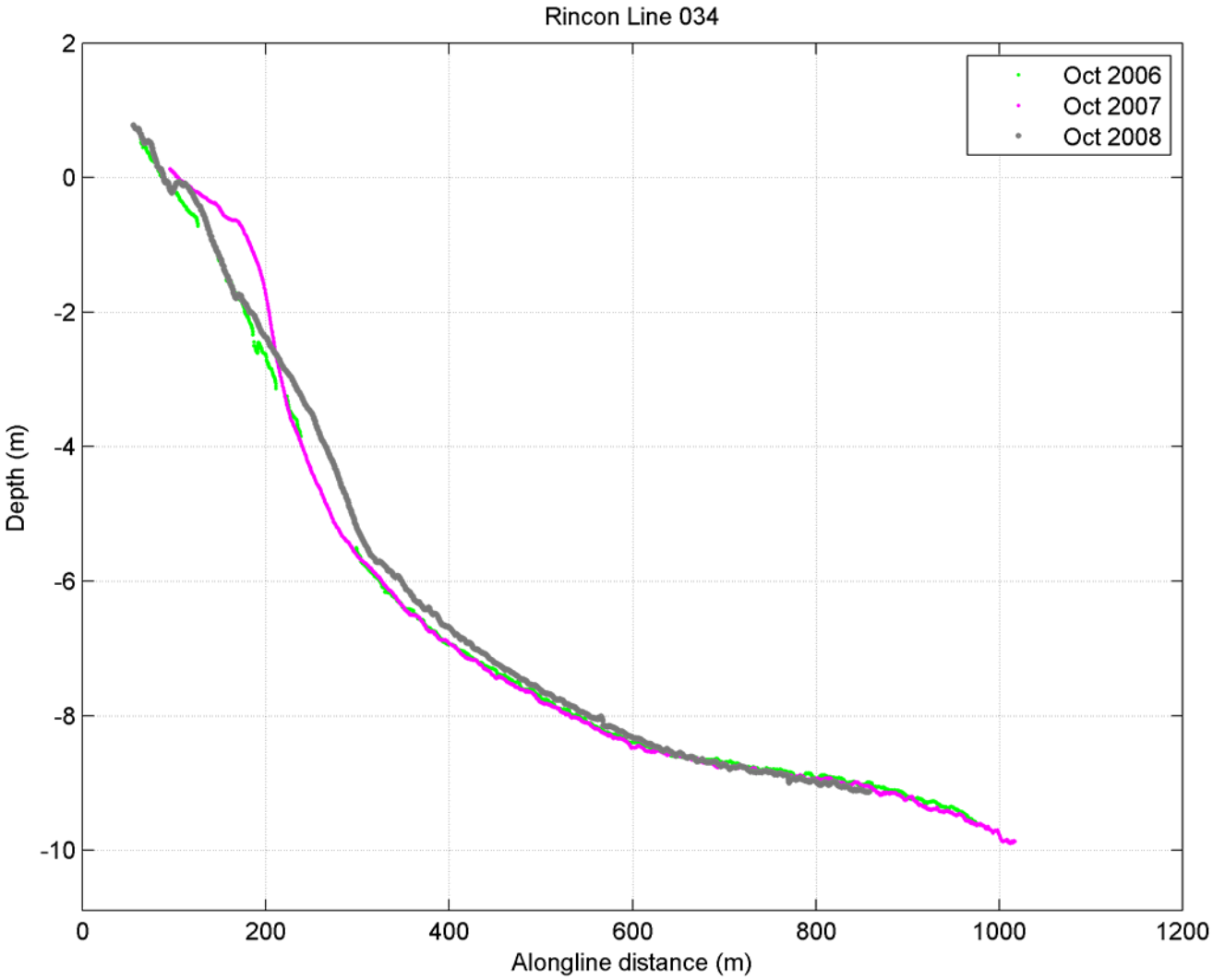

Rincon Line 029
Oct 2006
Feb 2007
Oct 2007
Oct 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
-12
100
200
300
400
500
600
700
800
900
1000
1100

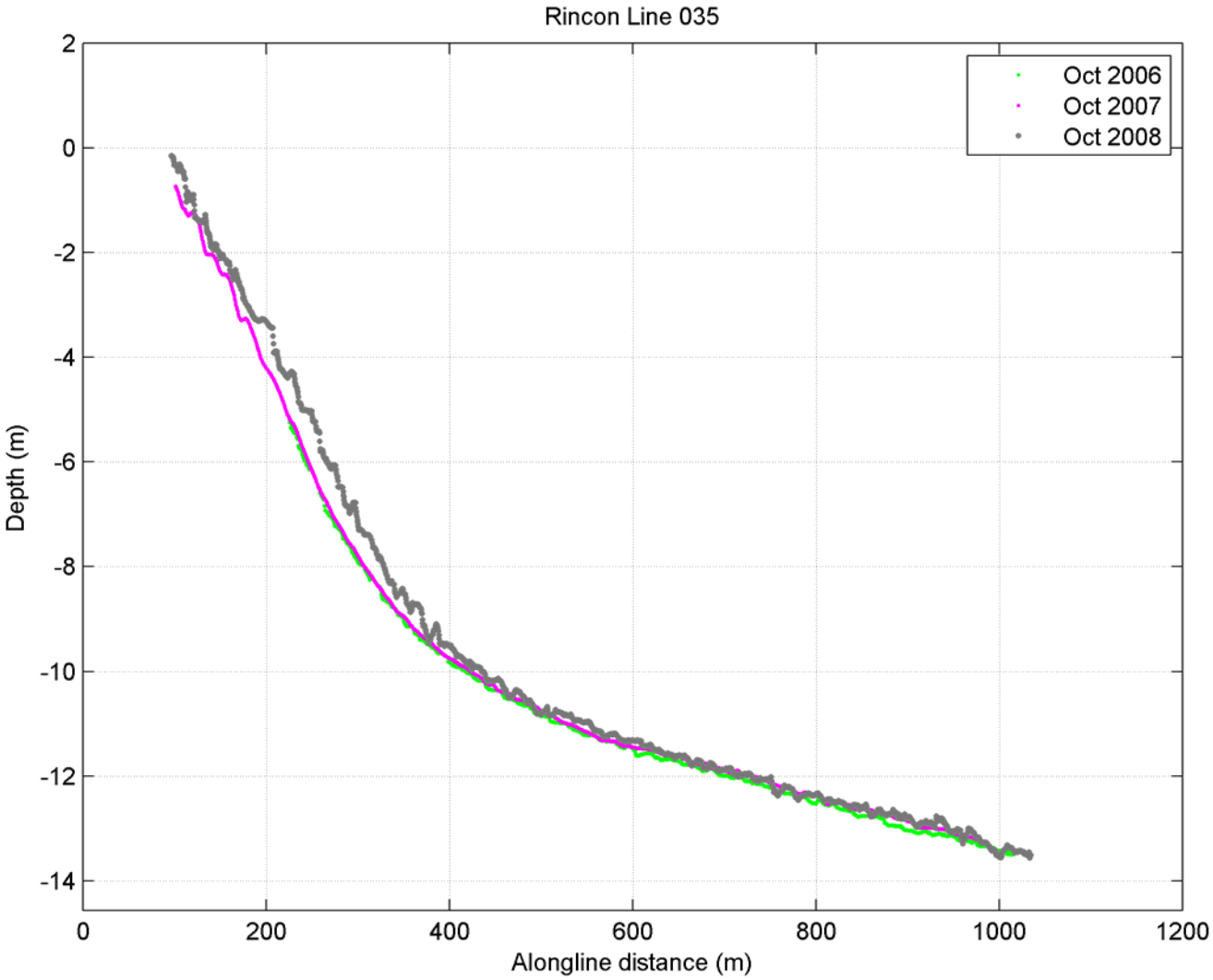

Rincon Line 030
Oct 2006
Feb 2007
Oct 2007
Oct 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
-12
0
200
400
600
800
1000
1200


Rincon Line 031
Oct 2006
Oct 2007
Oct 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
0
200
400
600
800
1000
1200


Rincon Line 032
Oct 2006
Oct 2007
Oct 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
-12
0
200
400
600
800
1000
1200


Rincon Line 033
Oct 2006
Oct 2007
Oct 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
0
200
400
600
800
1000
1200


Rincon Line 034
Oct 2006
Oct 2007
Oct 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
0
200
400
600
800
1000
1200


Rincon Line 035
Oct 2006
Oct 2007
Oct 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
-12
-14
0
200
400
600
800
1000
1200

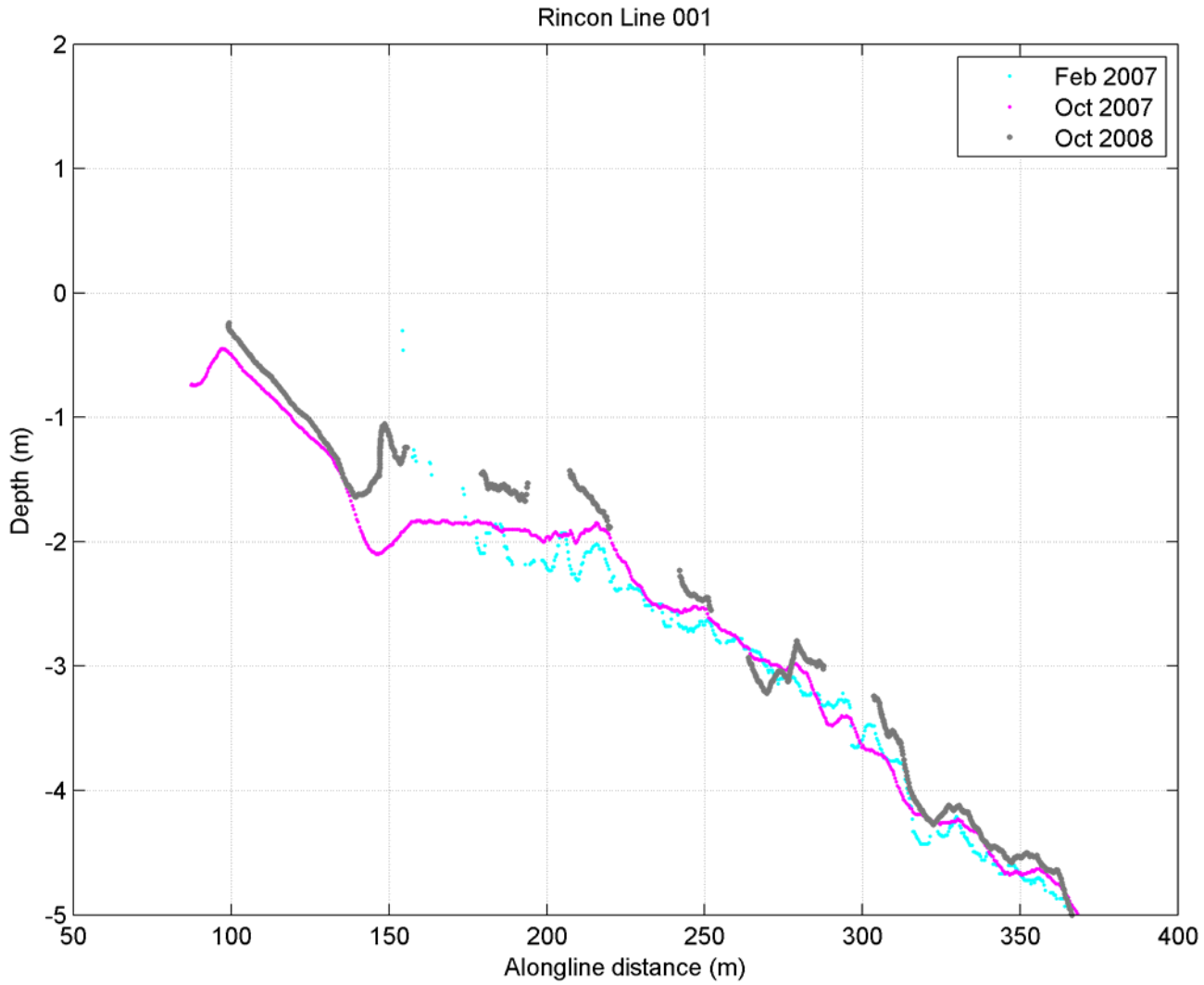
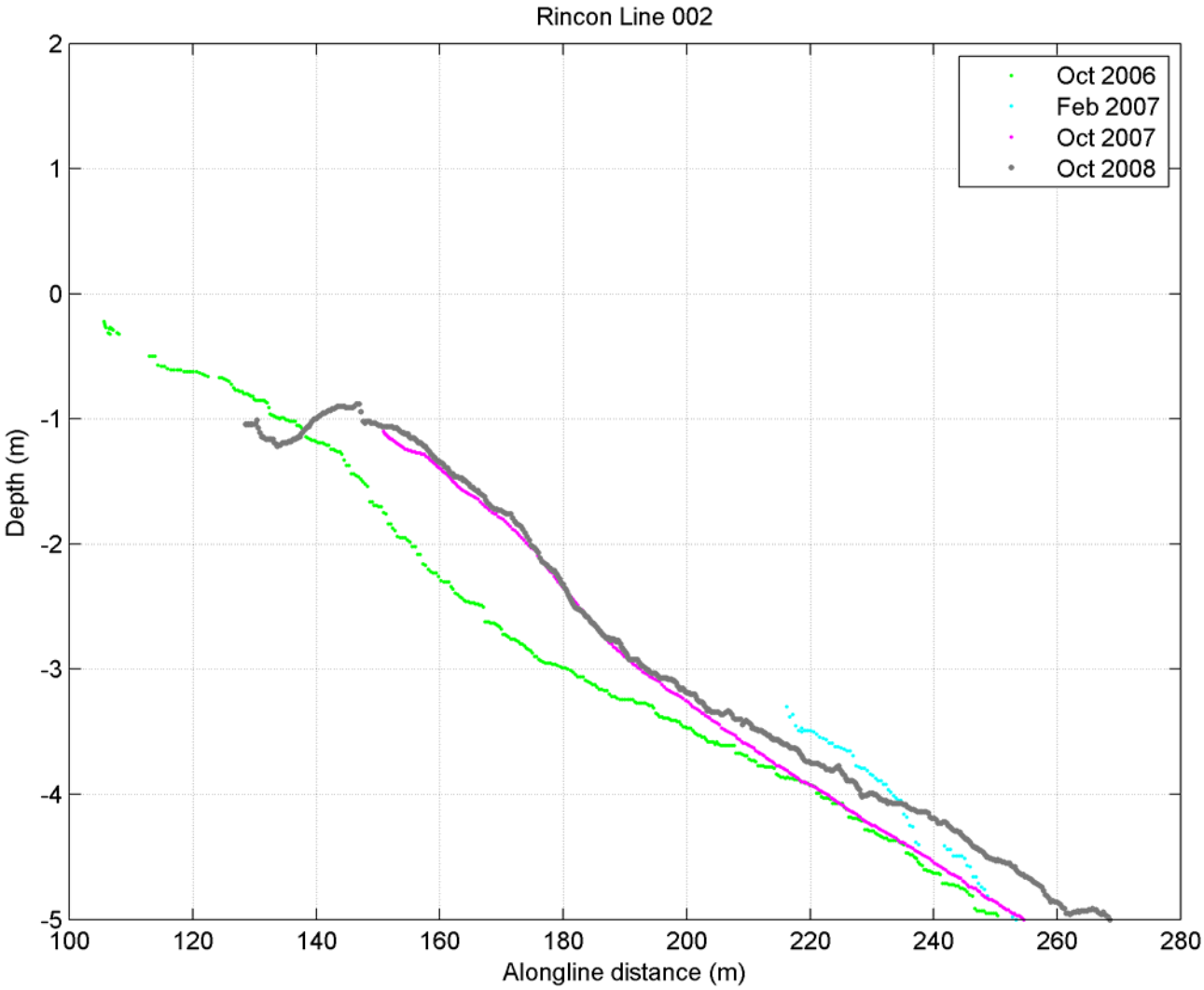
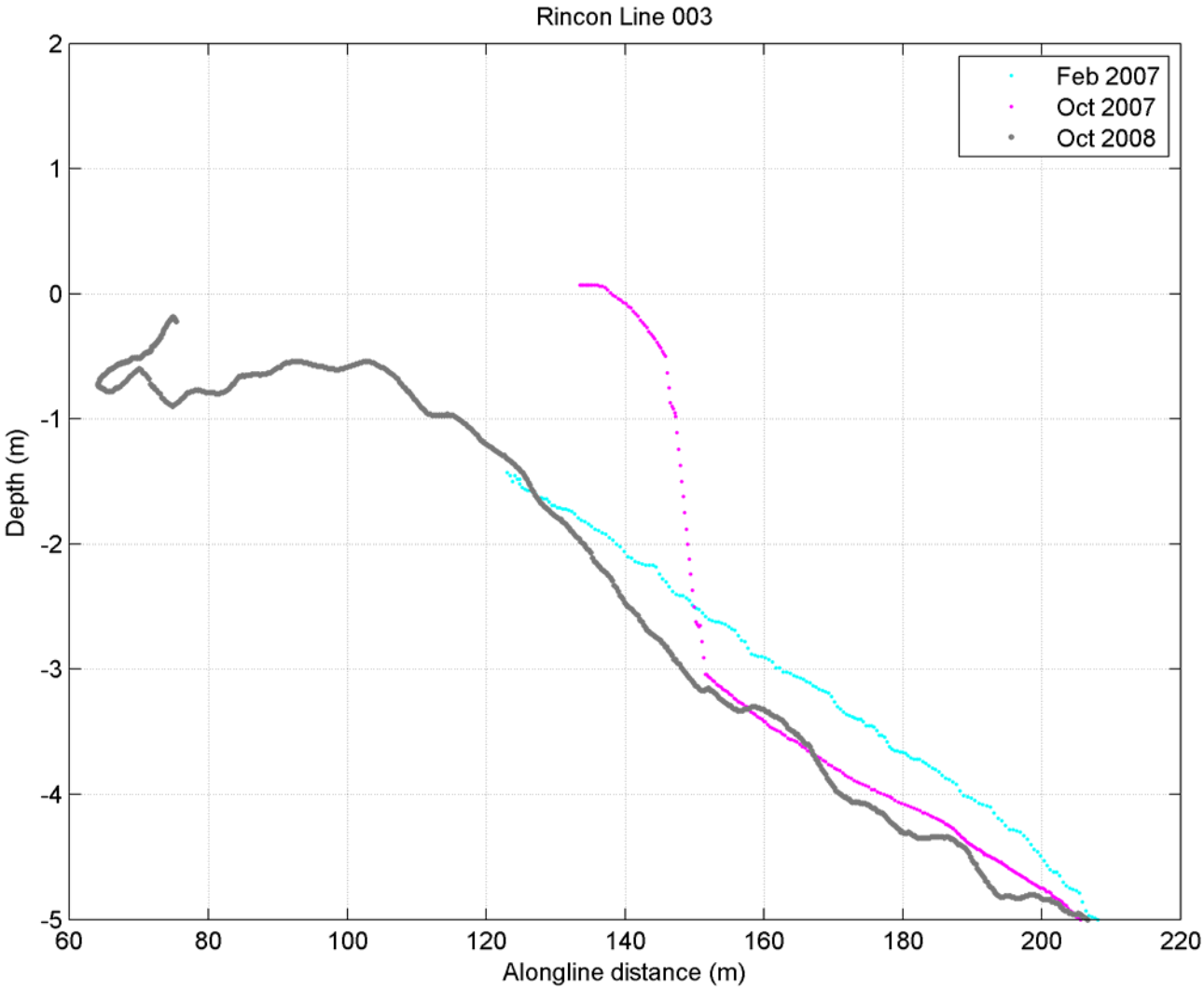
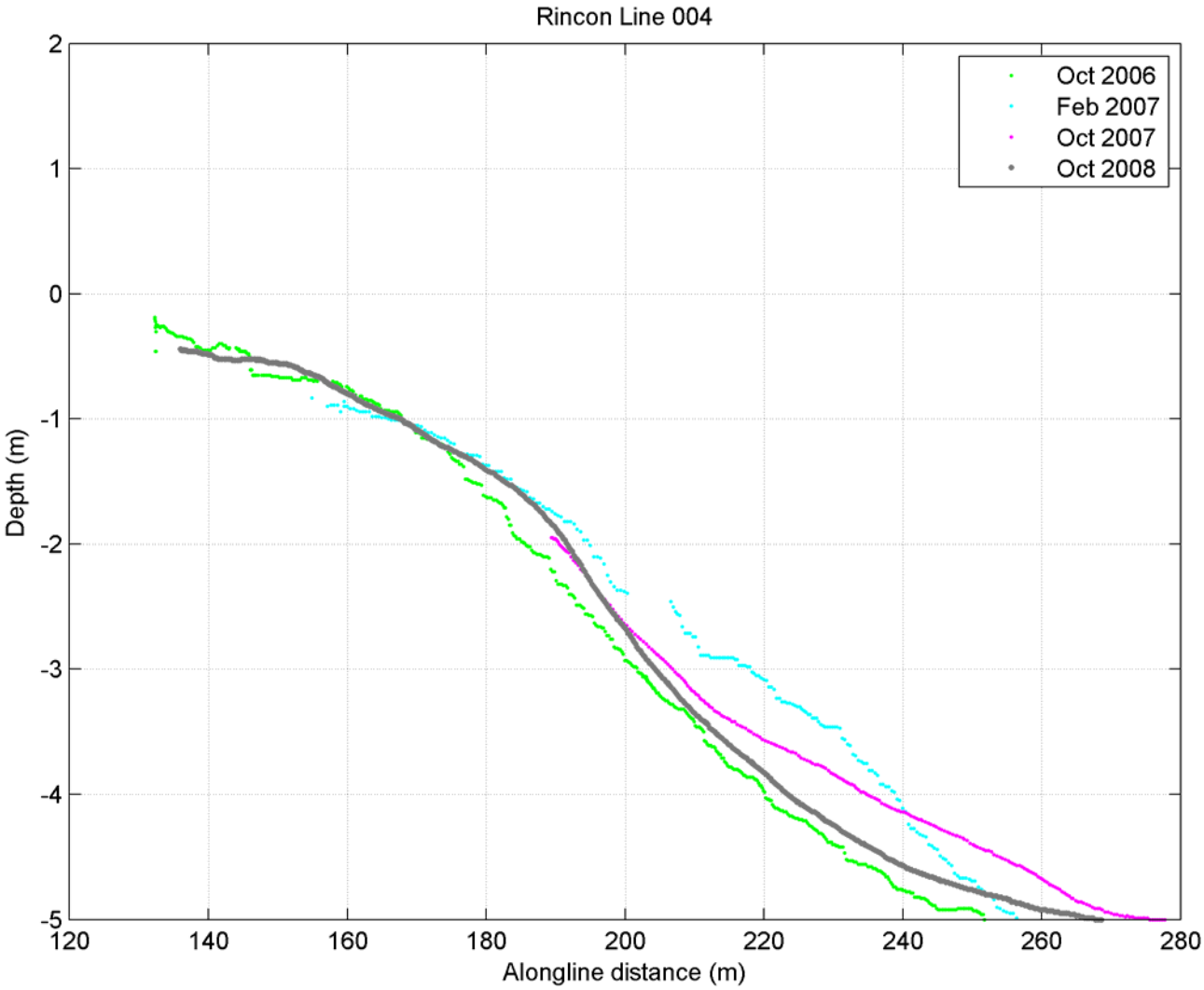
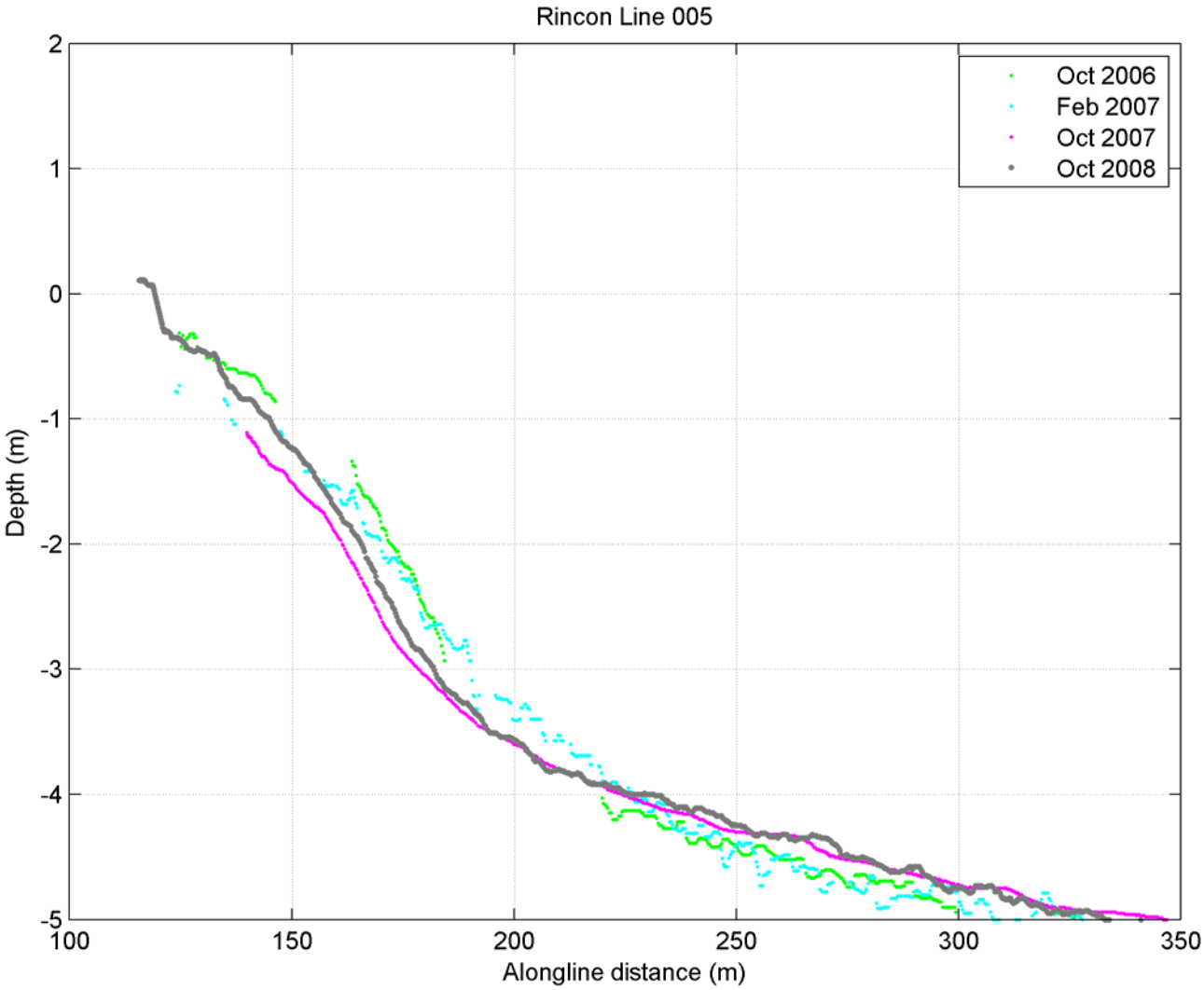


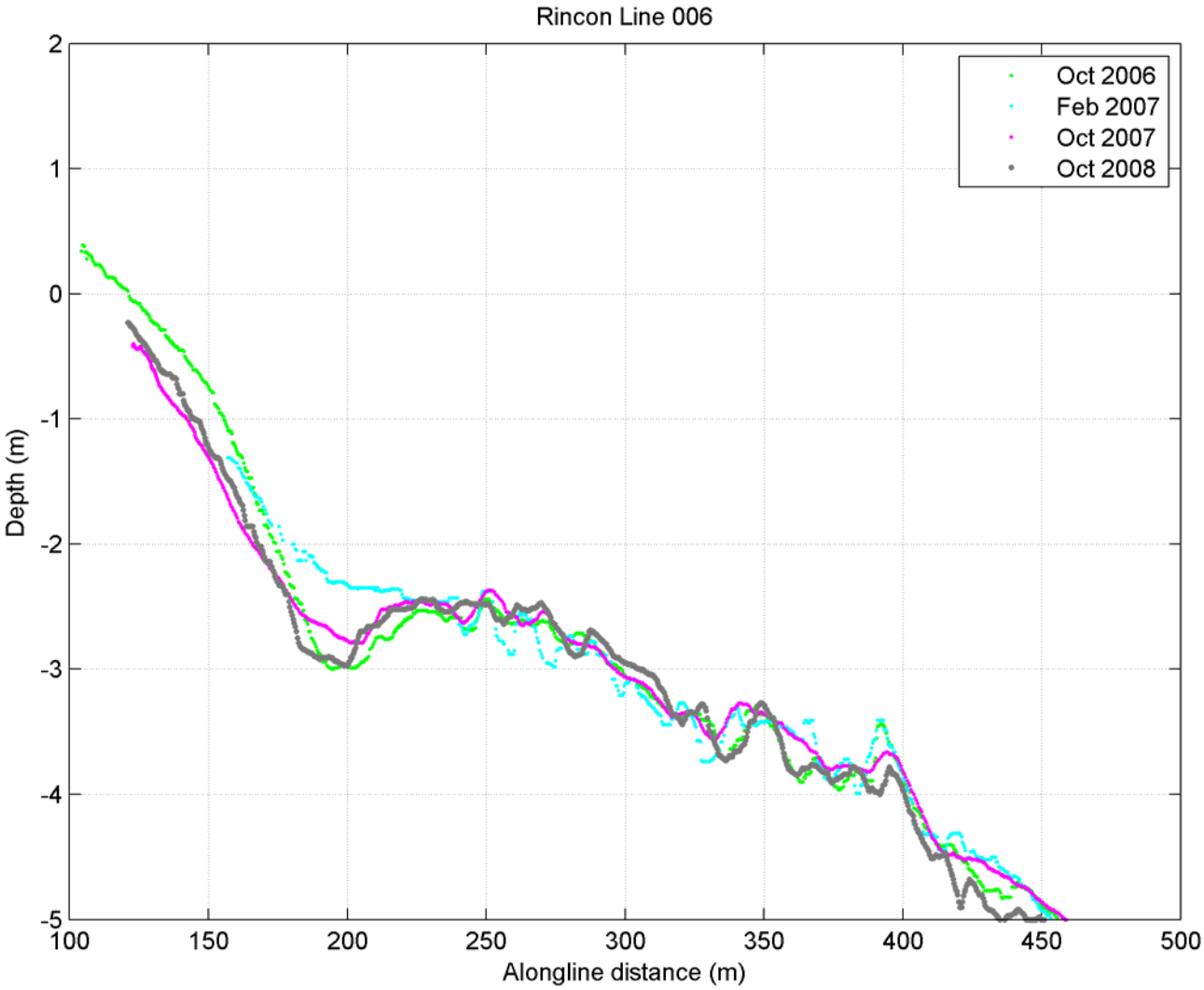
Figure C10. Rincon Parkway Coastal Profiling System focus (depths shallower than 5 m) plots, survey lines 1-35.

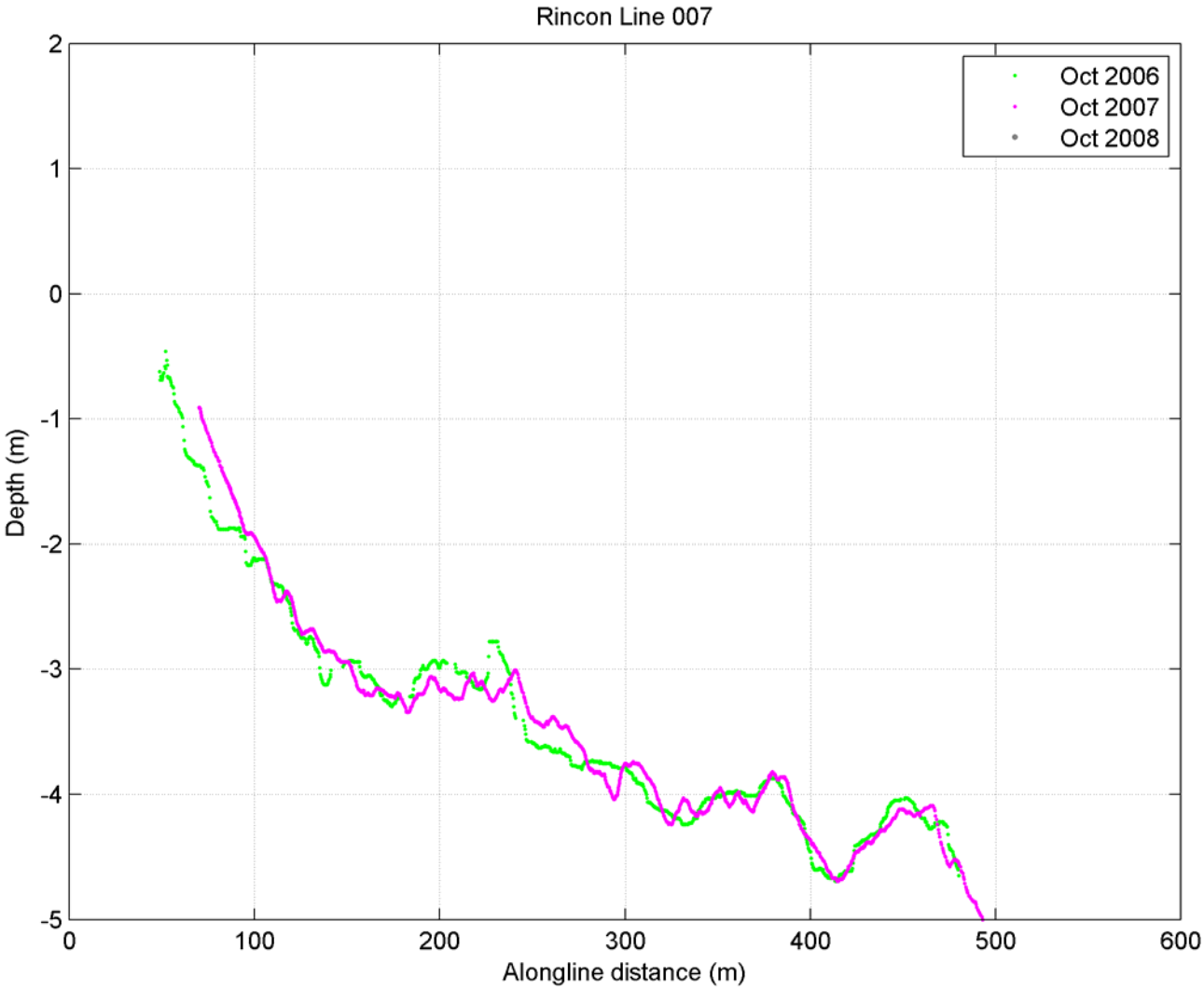

Rincon Line 002
Oct 2006
Feb 2007
Oct 2007
Oct 2008
Depth (m)
Alongline distance (m)
2
1
0
-1
-2
-3
-4
-5
100
120
140
160
180
200
220
240
260
280

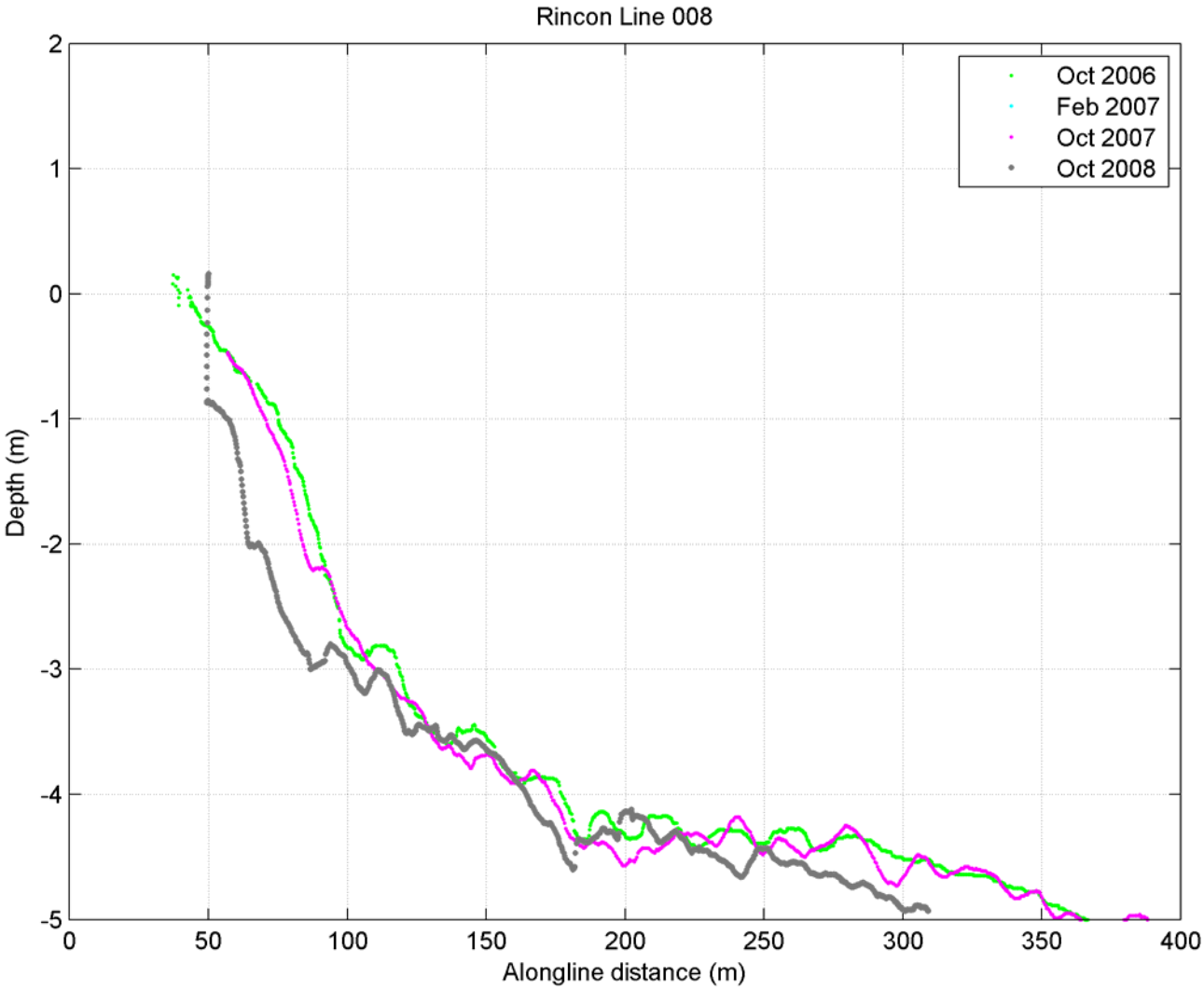

Rincon Line 003
Feb 2007
Oct 2007
Oct 2008
Depth (m)
Alongline distance (m)
2
1
0
-1
-2
-3
-4
-5
60
80
100
120
140
160
180
200
220

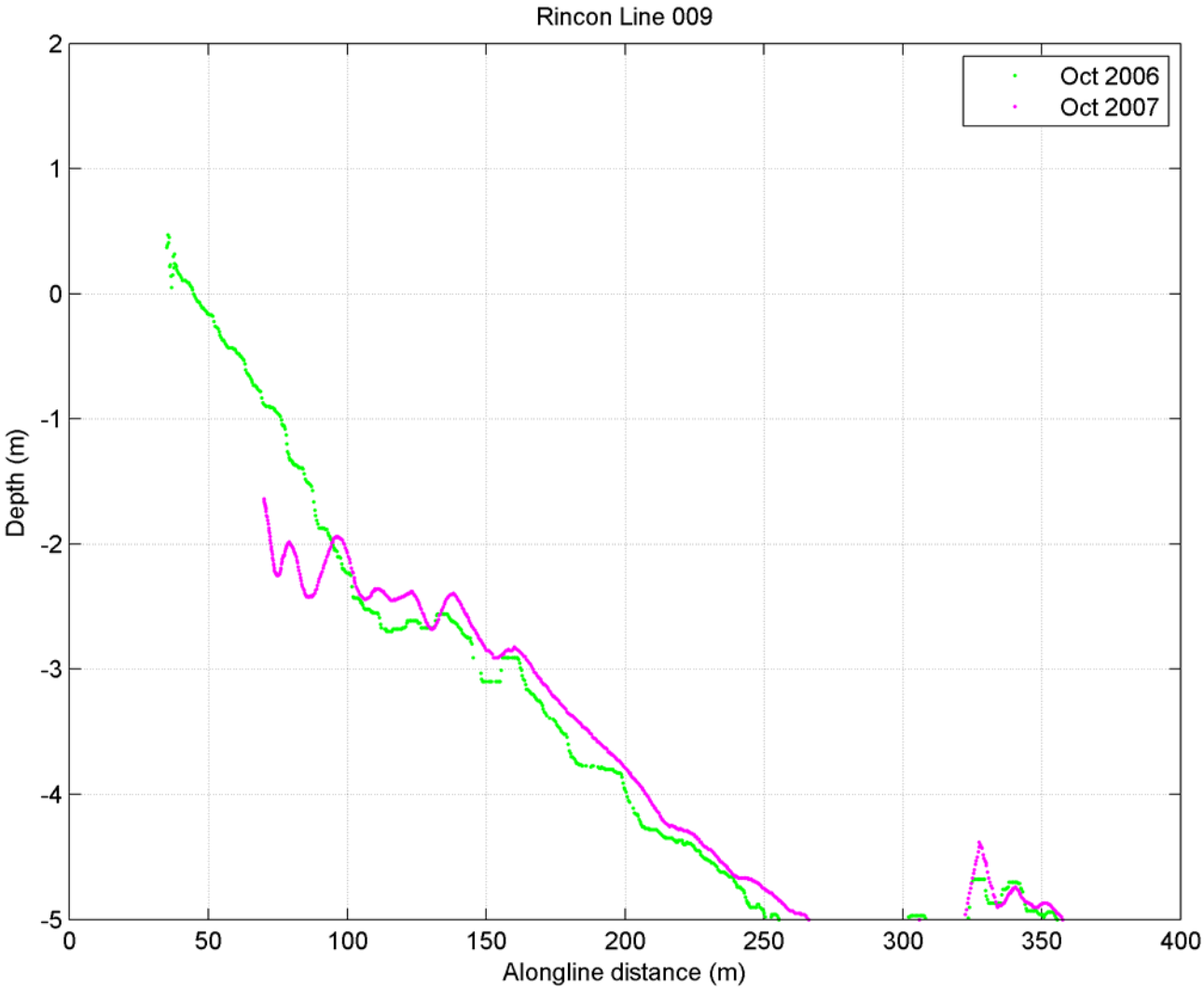

Rincon Line 004
Oct 2006
Feb 2007
Oct 2007
Oct 2008
Depth (m)
Alongline distance (m)
2
1
0
-1
-2
-3
-4
-5
120
140
160
180
200
220
240
260
280

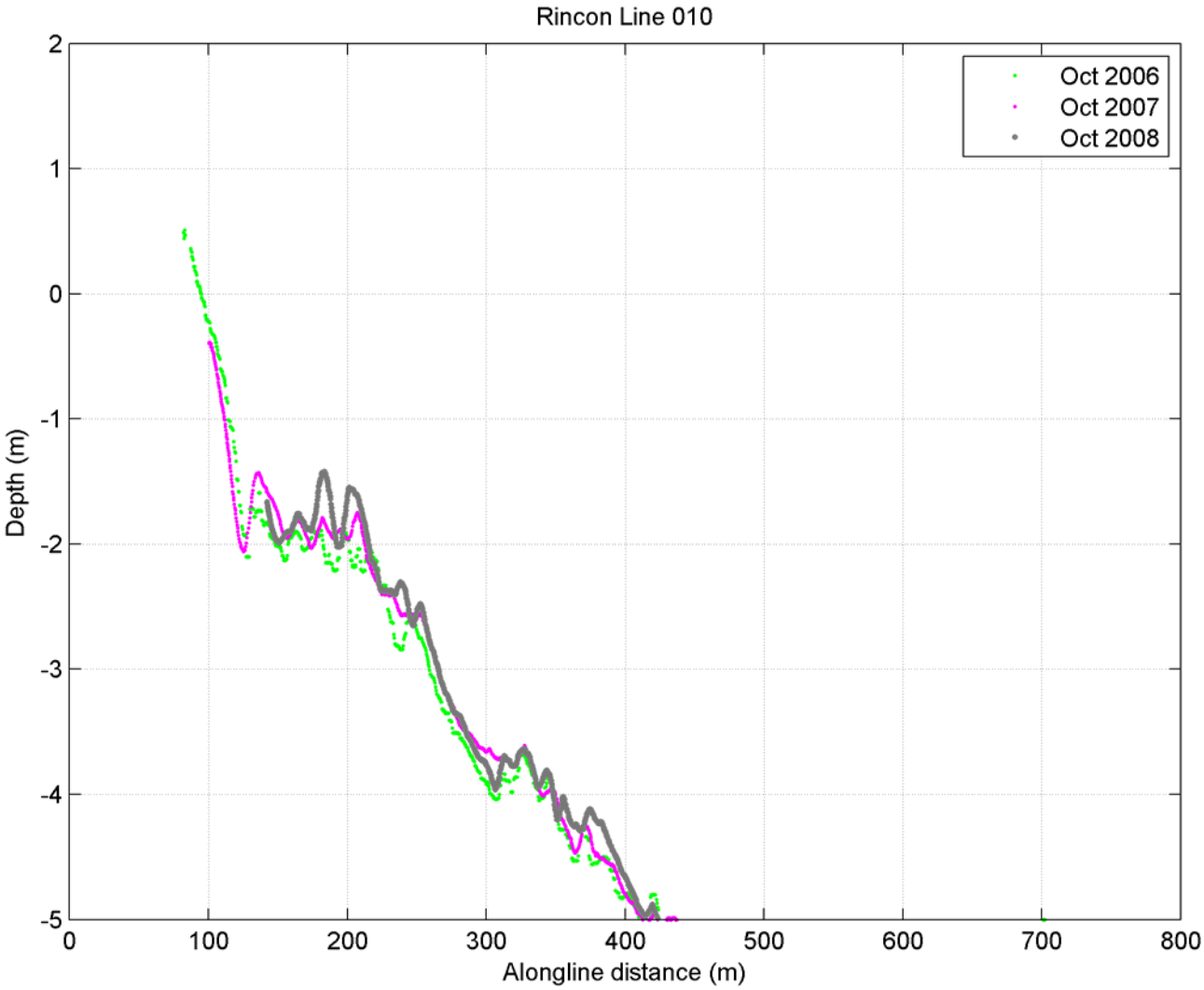

Rincon Line 005
Oct 2006
Feb 2007
Oct 2007
Oct 2008
Depth (m)
Alongline distance (m)
2
1
0
-1
-2
-3
-4
-5
100
150
200
250
300
350

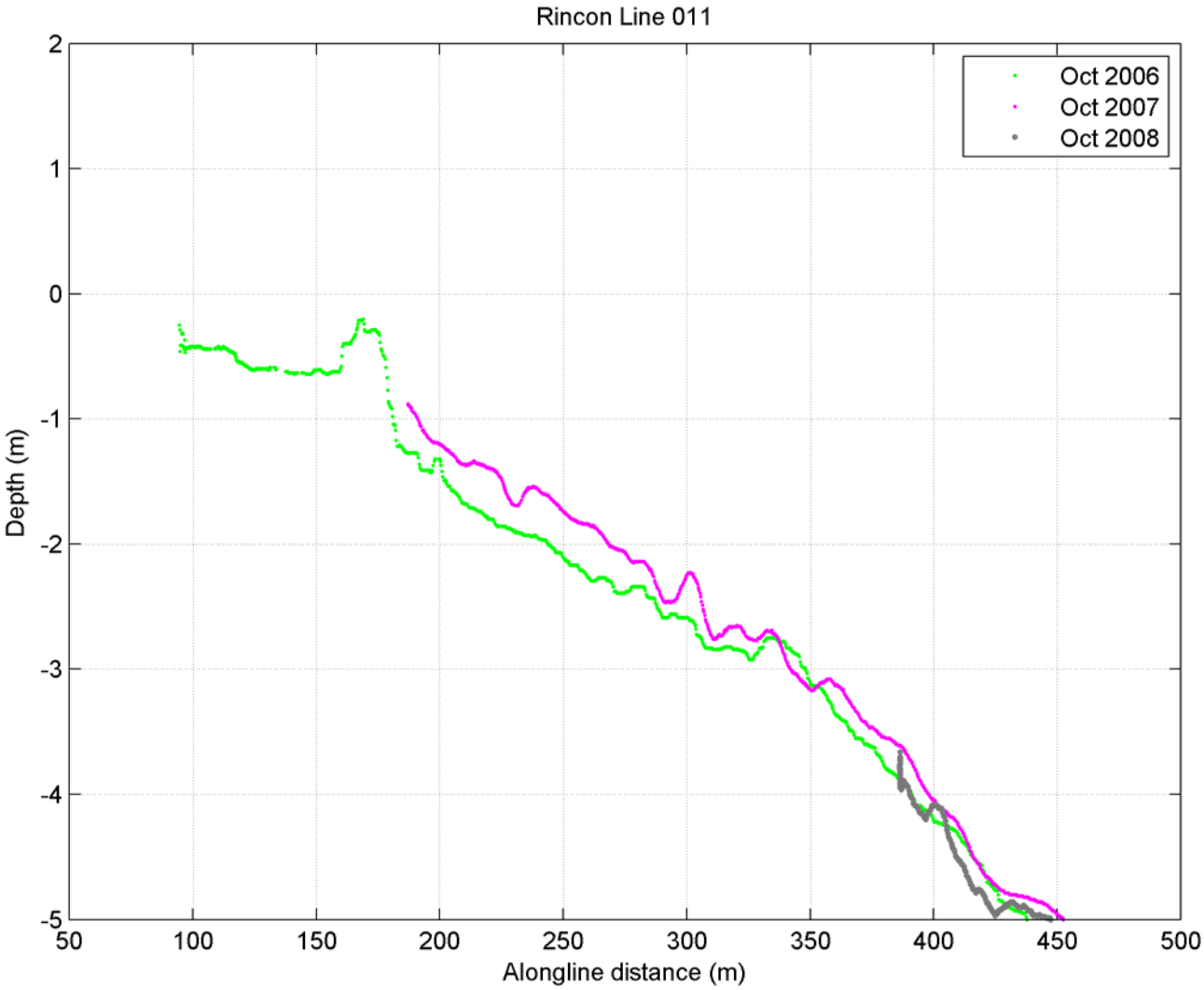

Rincon Line 006
Oct 2006
Feb 2007
Oct 2007
Oct 2008
Depth (m)
Alongline distance (m)
2
1
0
-1
-2
-3
-4
-5
100
150
200
250
300
350
400
450
500

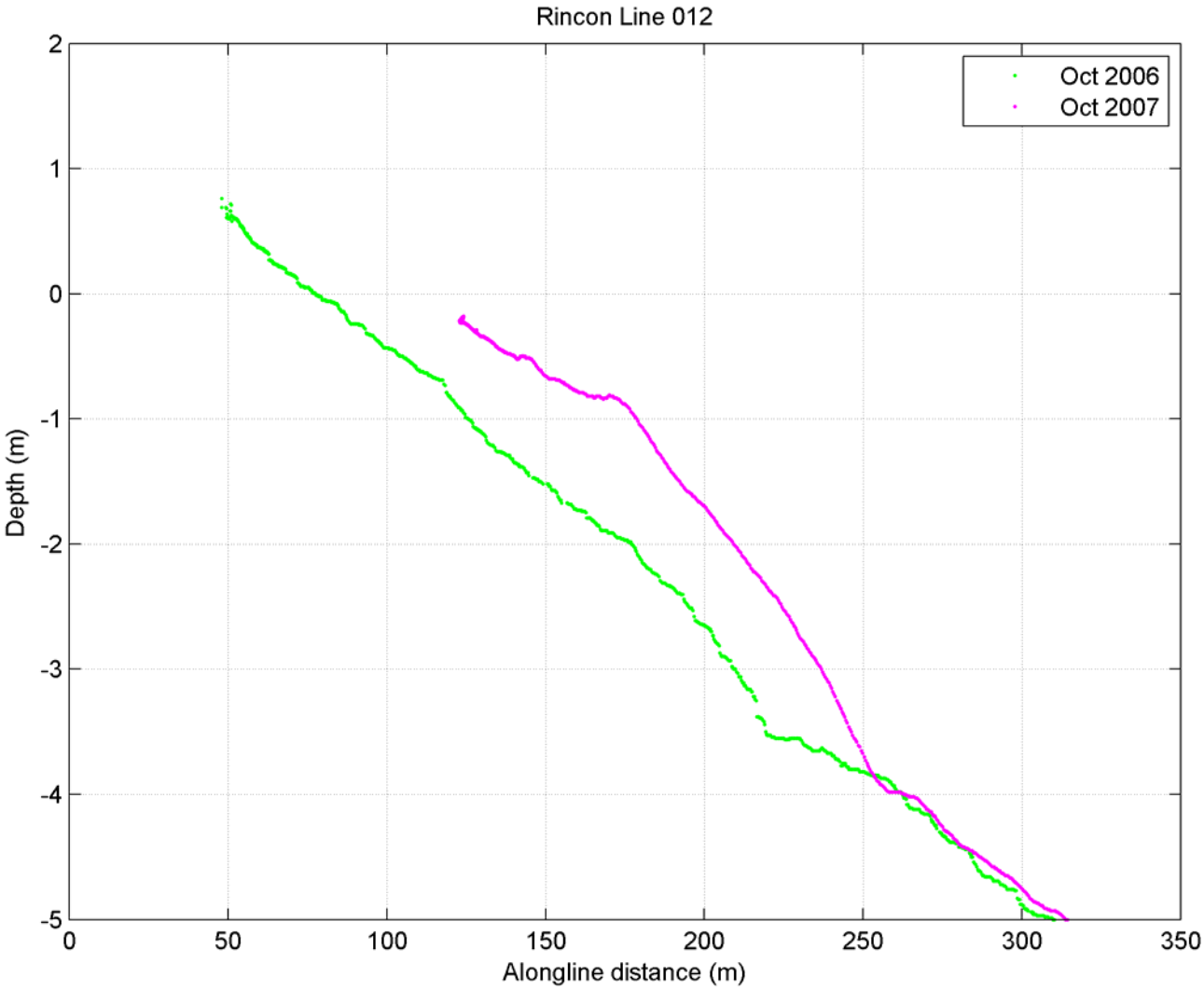

Rincon Line 007
Oct 2006
Oct 2007
Oct 2008
Depth (m)
Alongline distance (m)
2
1
0
-1
-2
-3
-4
-5
0
100
200
300
400
500
600

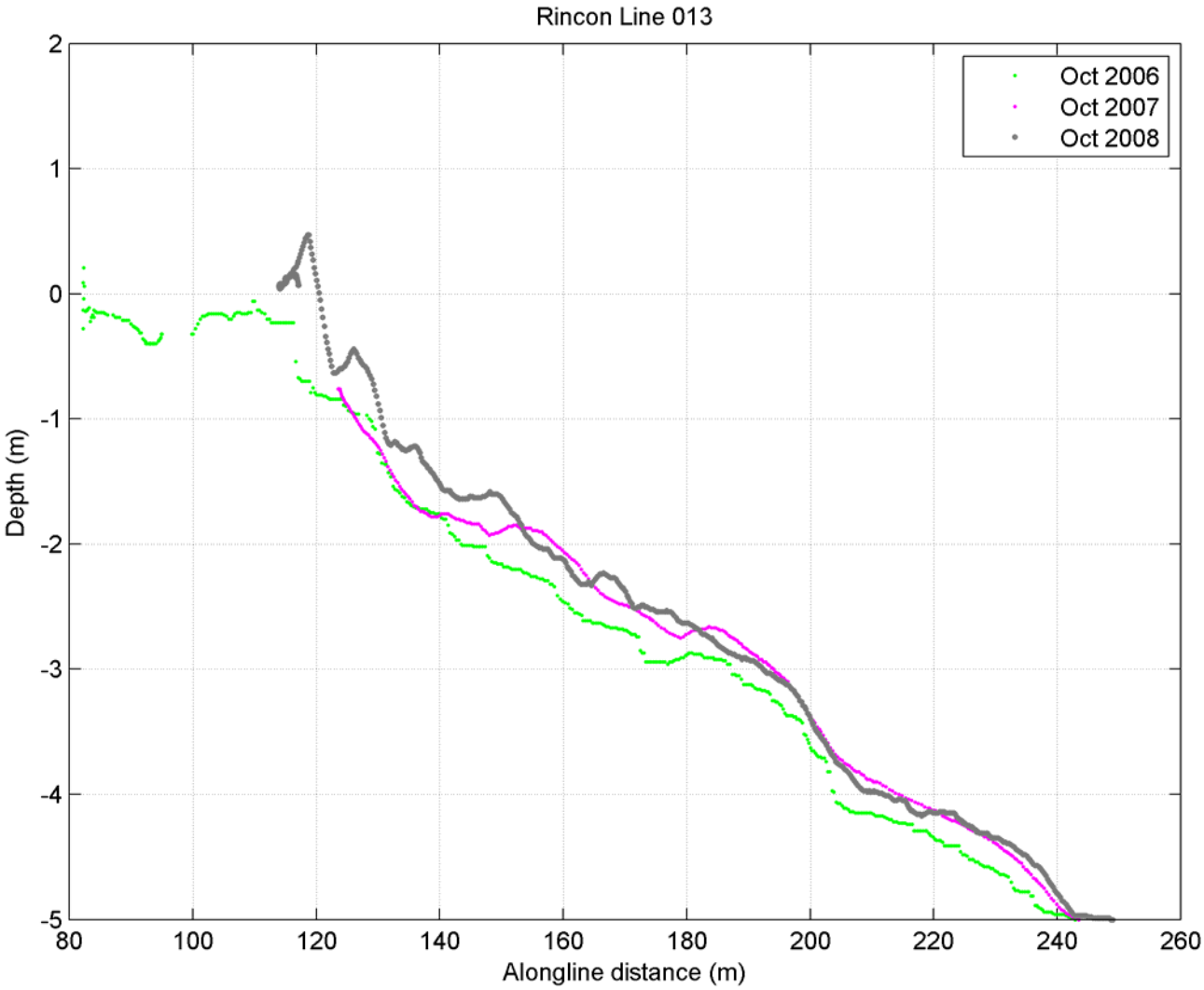

Rincon Line 008
Oct 2006
Feb 2007
Oct 2007
Oct 2008
Depth (m)
Alongline distance (m)
2
1
0
-1
-2
-3
-4
-5
0
50
100
150
200
250
300
350
400

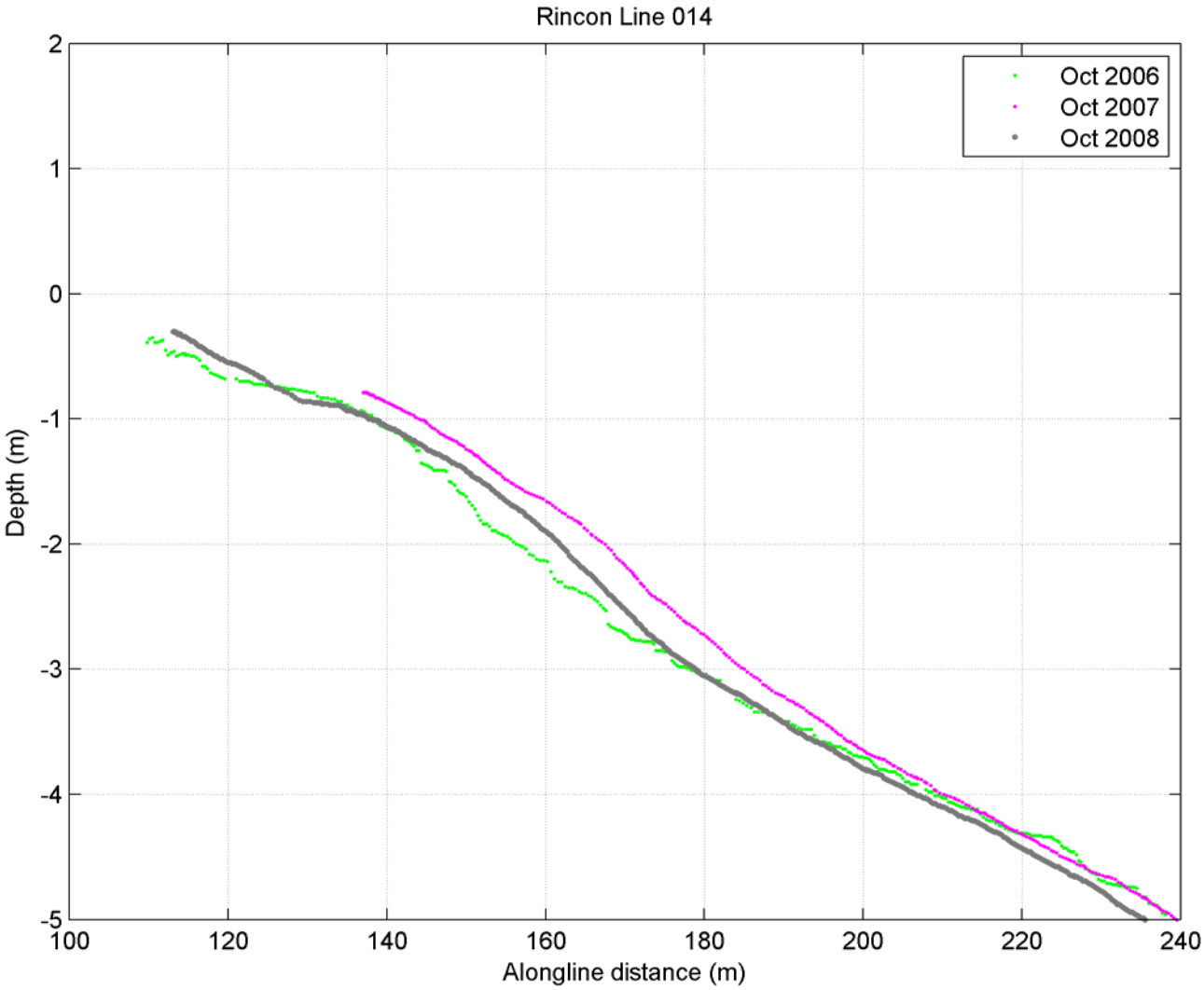

Rincon Line 009
Oct 2006
Oct 2007
Depth (m)
Alongline distance (m)
2
1
0
-1
-2
-3
-4
-5
0
50
100
150
200
250
300
350
400

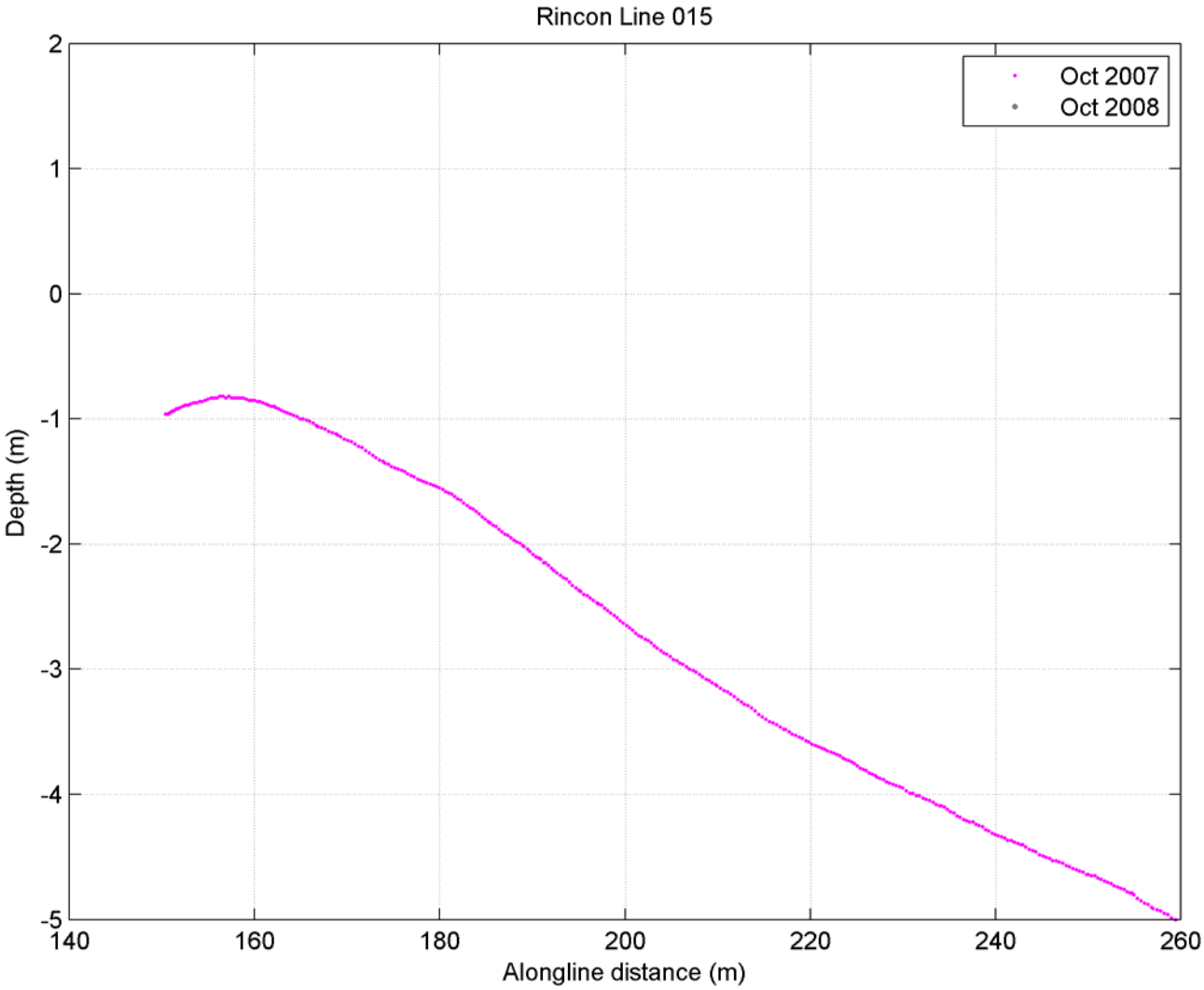

Rincon Line 010
Oct 2006
Oct 2007
Oct 2008
Depth (m)
Alongline distance (m)
2
1
0
-1
-2
-3
-4
-5
0
100
200
300
400
500
600
700
800

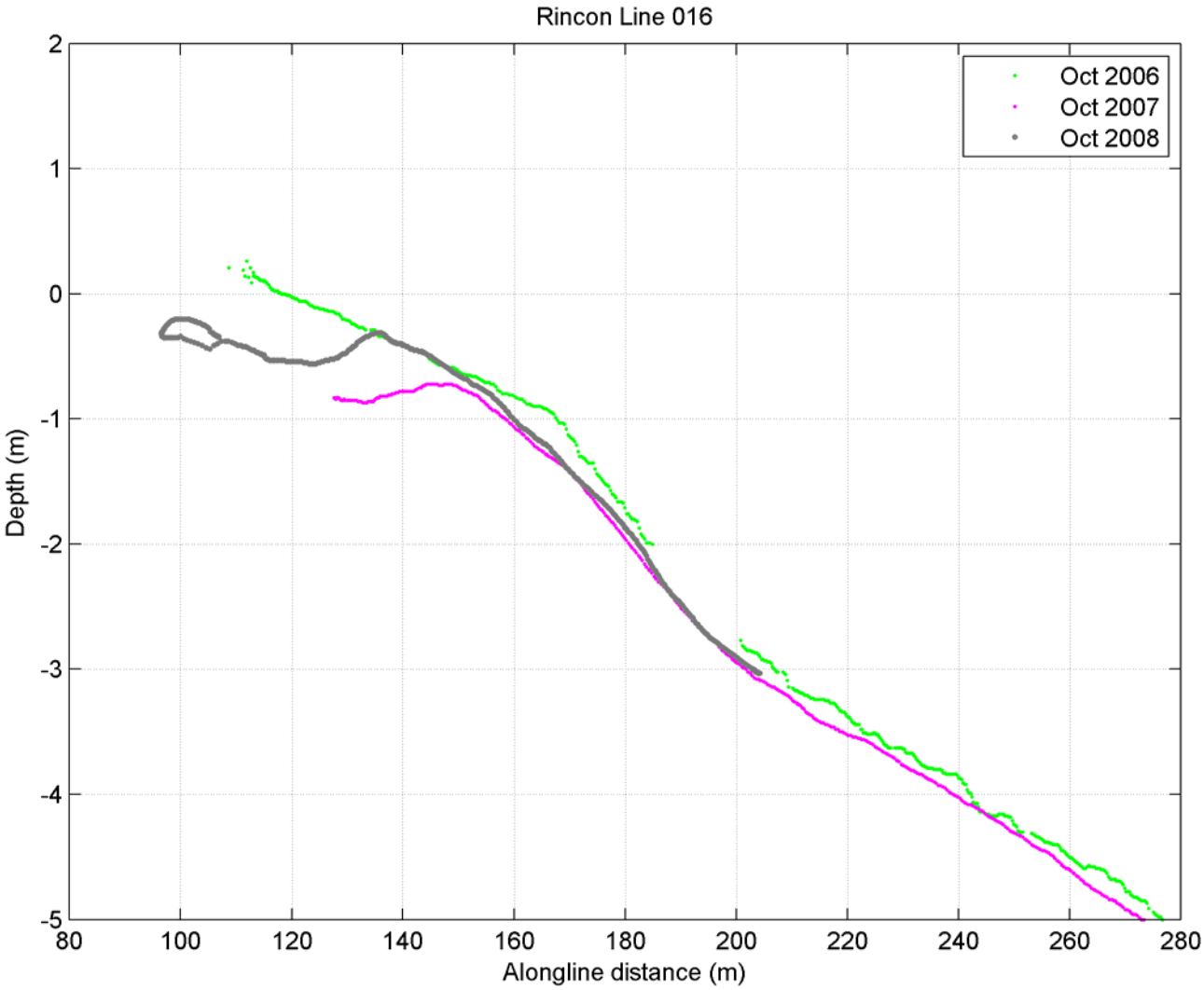

Rincon Line 011
Oct 2006
Oct 2007
Oct 2008
Depth (m)
Alongline distance (m)
2
1
0
-1
-2
-3
-4
-5
50
100
150
200
250
300
350
400
450
500

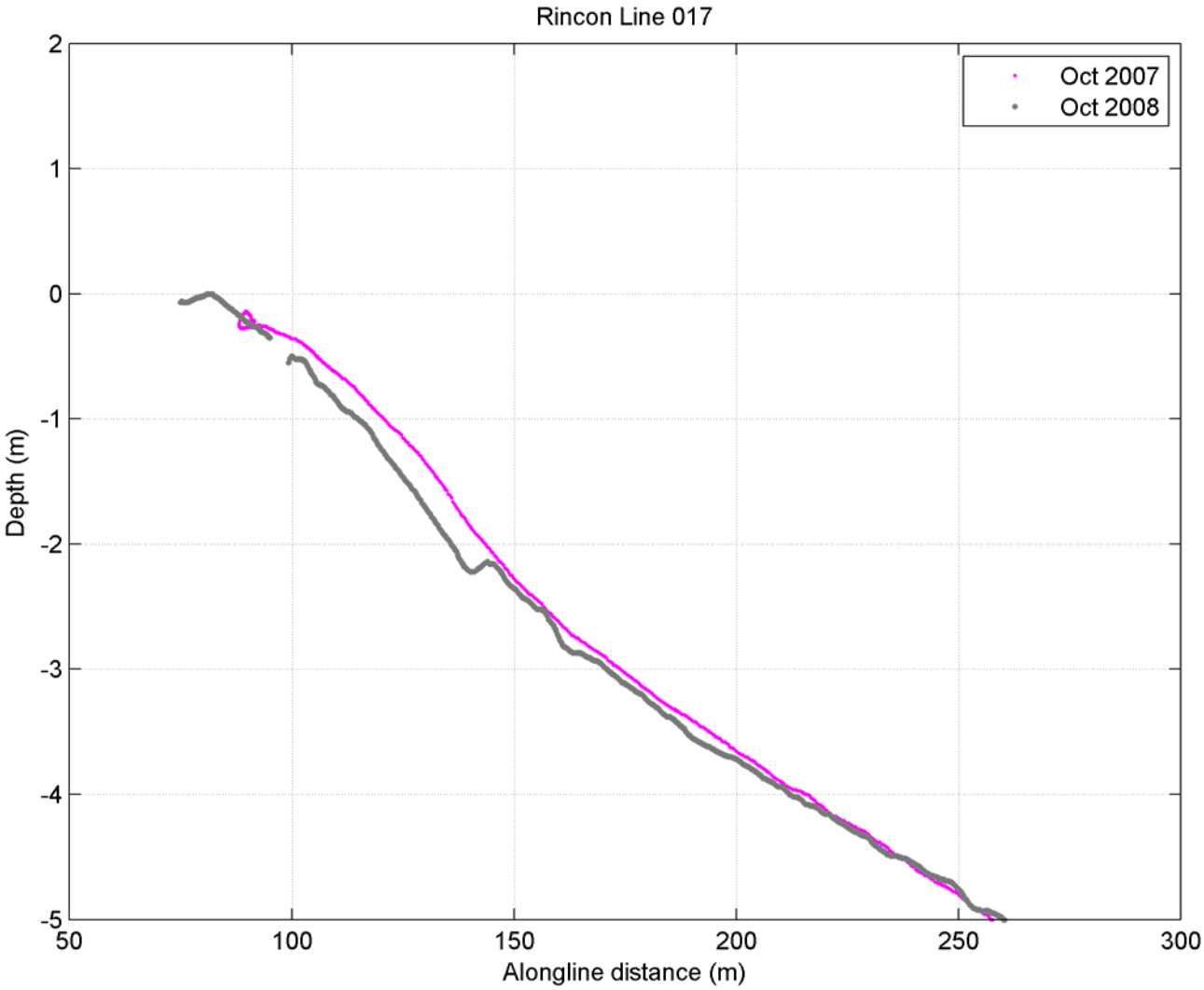

Rincon Line 012
Oct 2006
Oct 2007
Depth (m)
Alongline distance (m)
2
1
0
-1
-2
-3
-4
-5
0
50
100
150
200
250
300
350

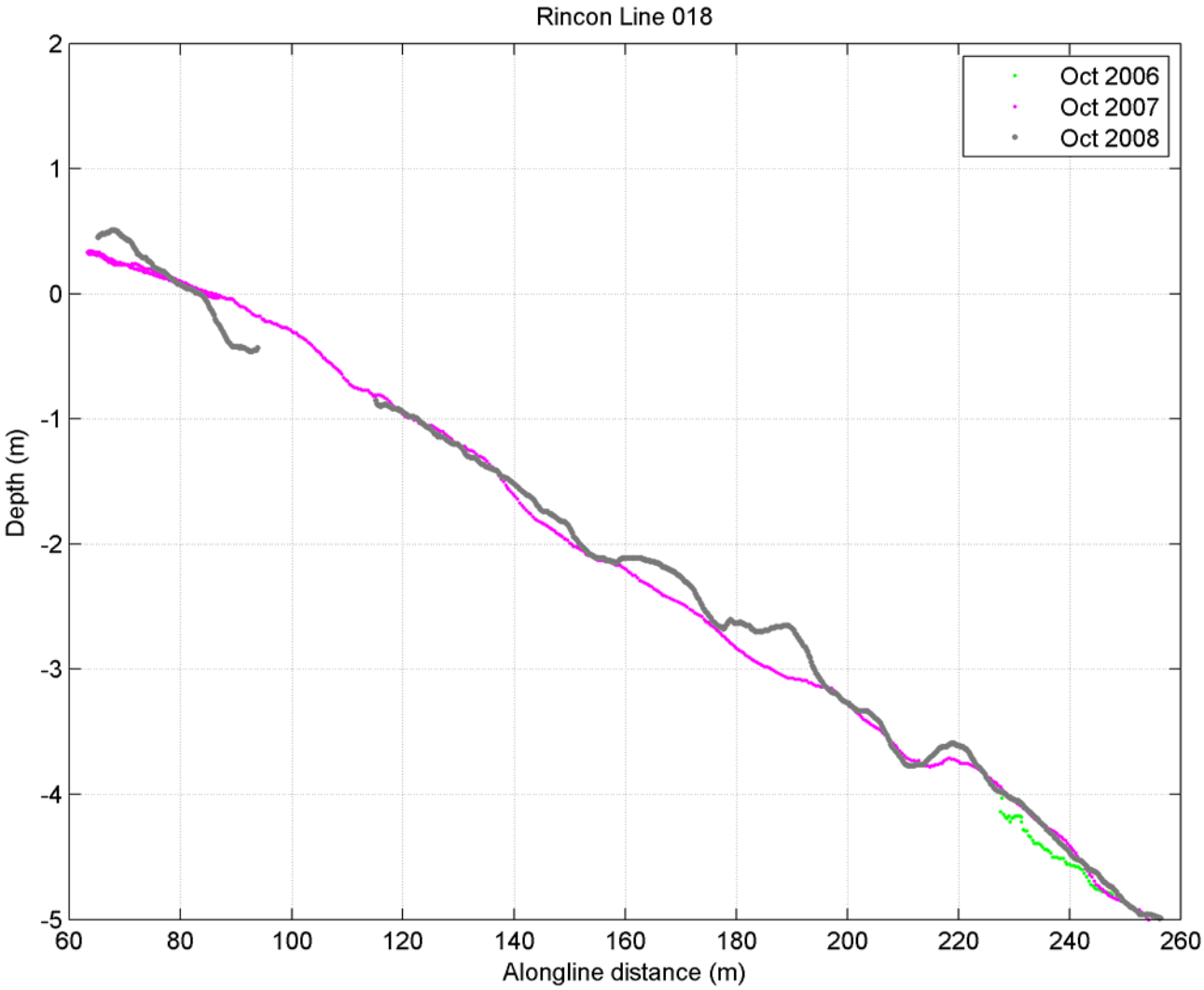

Rincon Line 013
Oct 2006
Oct 2007
Oct 2008
Depth (m)
Alongline distance (m)
2
1
0
-1
-2
-3
-4
-5
80
100
120
140
160
180
200
220
240
260

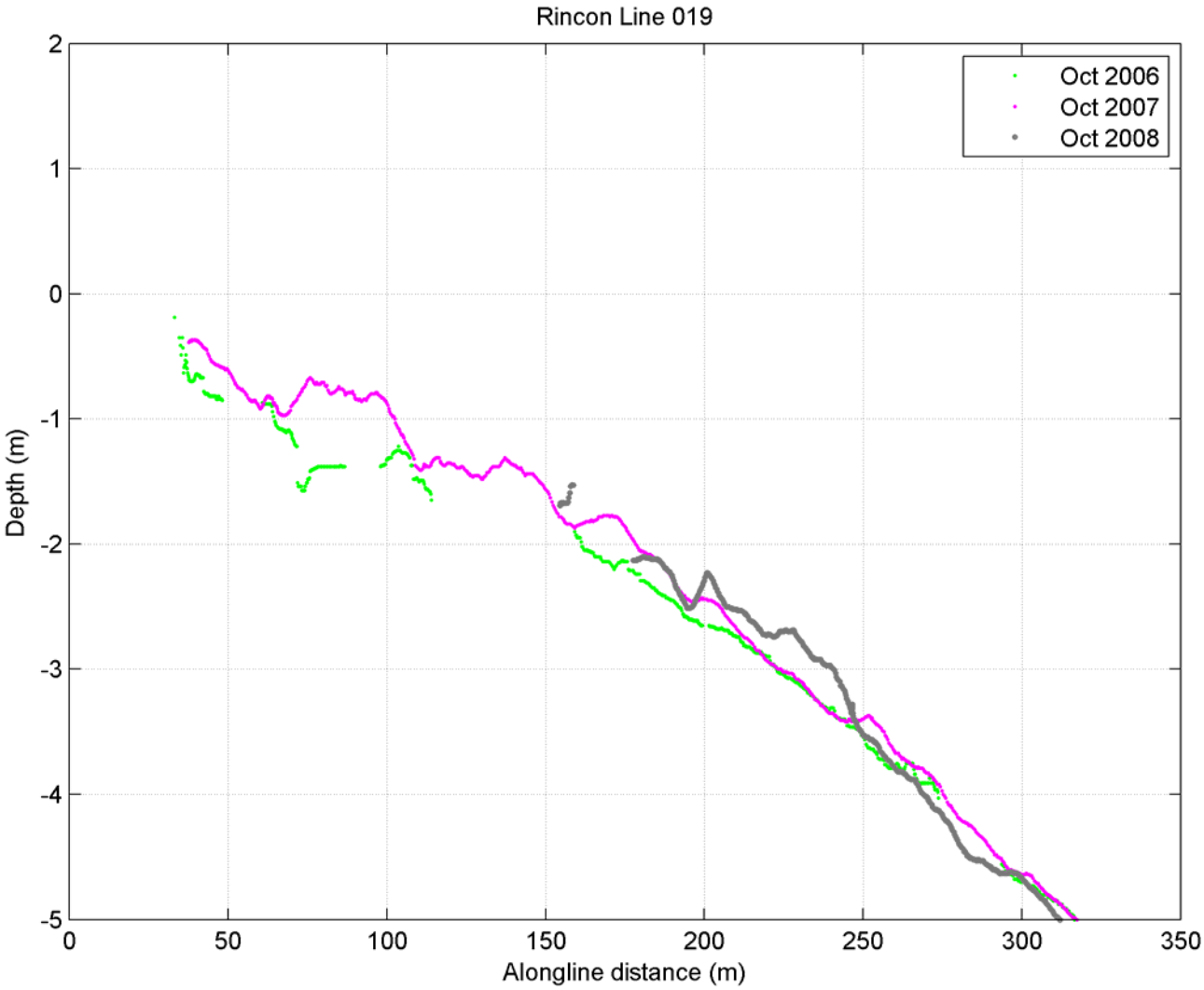

Rincon Line 014
Oct 2006
Oct 2007
Oct 2008
Depth (m)
Alongline distance (m)
2
1
0
-1
-2
-3
-4
-5
100
120
140
160
180
200
220
240

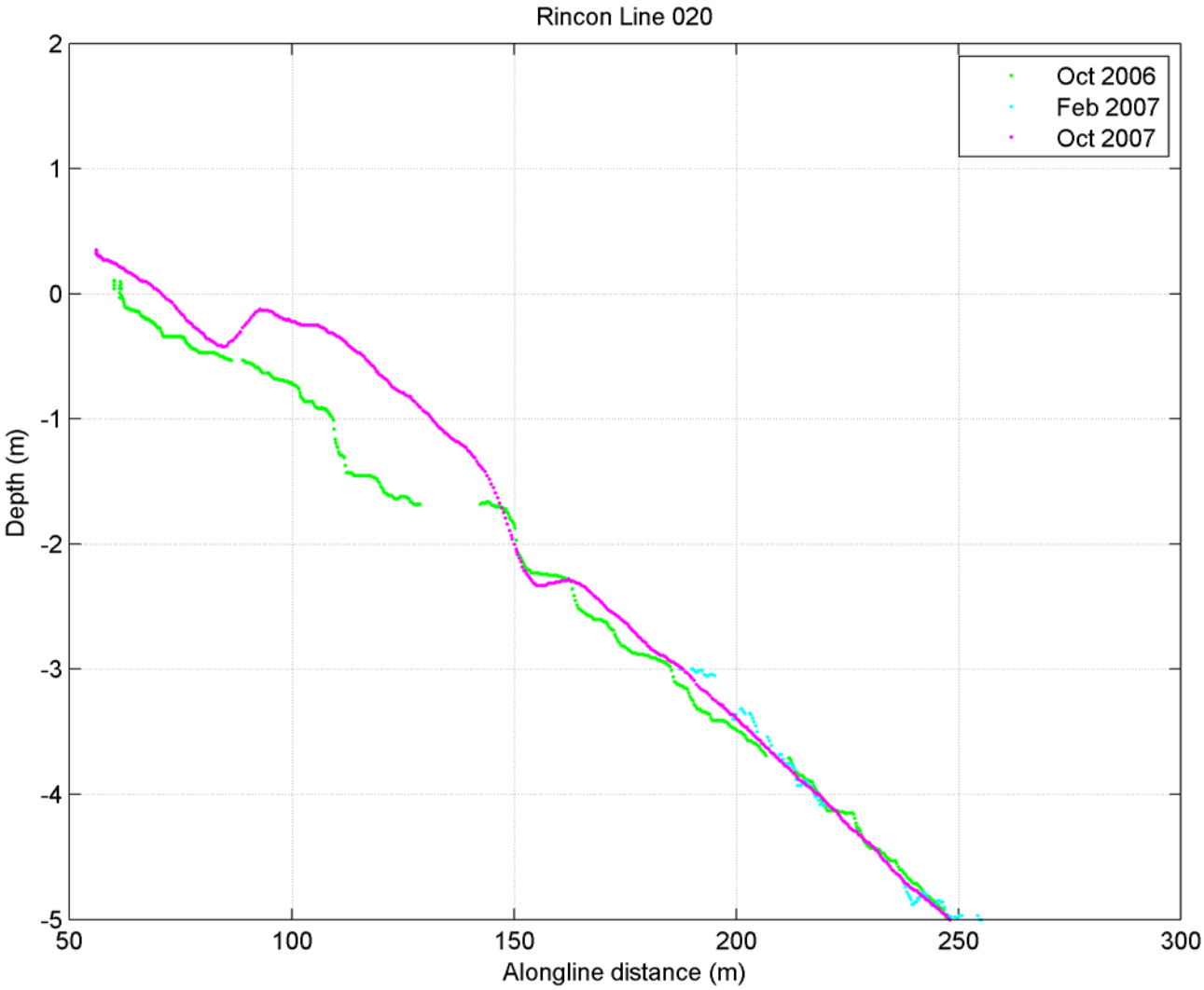

Rincon Line 015
Oct 2007
Oct 2008
Depth (m)
Alongline distance (m)
2
1
0
-1
-2
-3
-4
-5
140
160
180
200
220
240
260

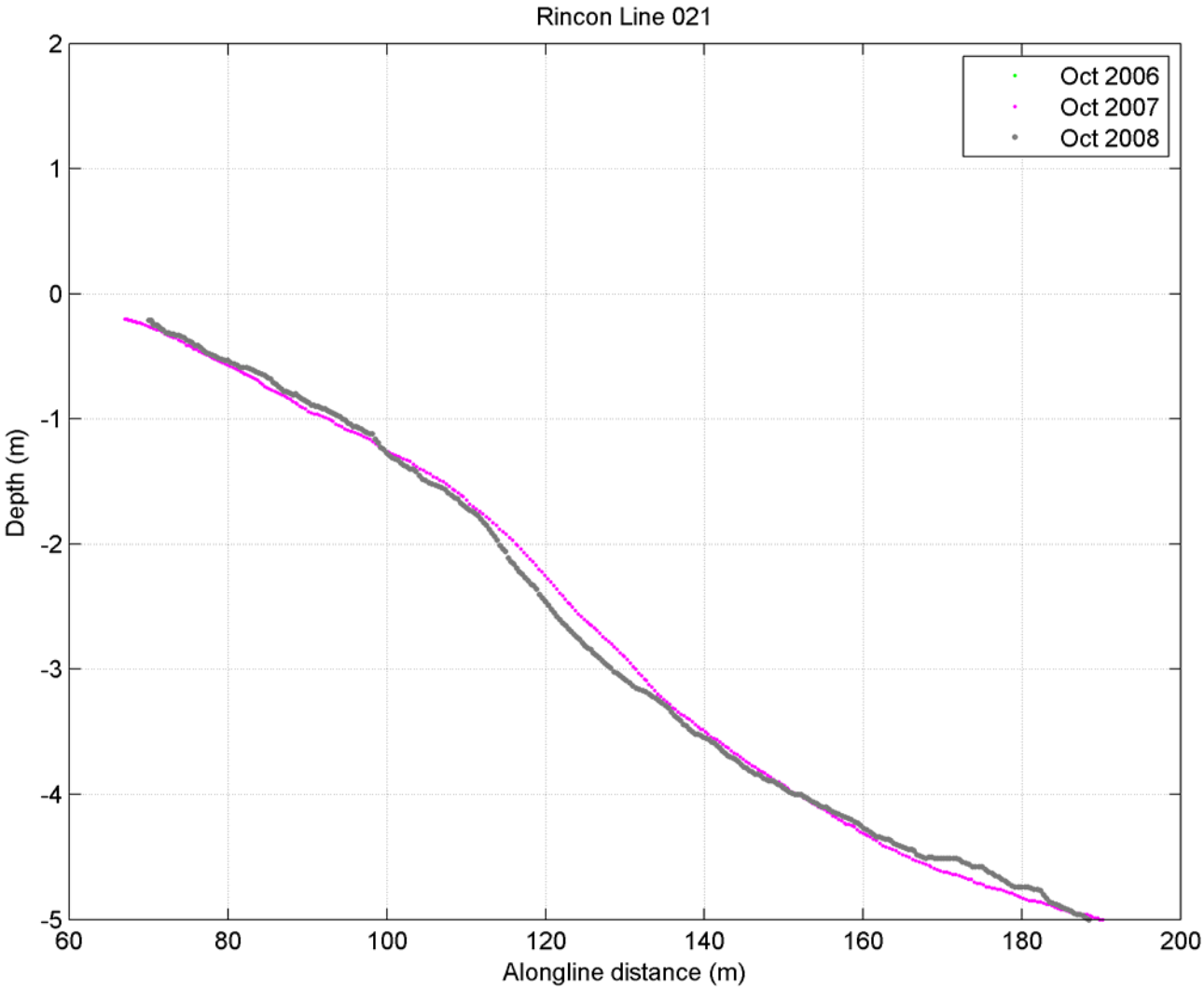

Rincon Line 016
Oct 2006
Oct 2007
Oct 2008
Depth (m)
Alongline distance (m)
2
1
0
-1
-2
-3
-4
-5
80
100
120
140
160
180
200
220
240
260
280

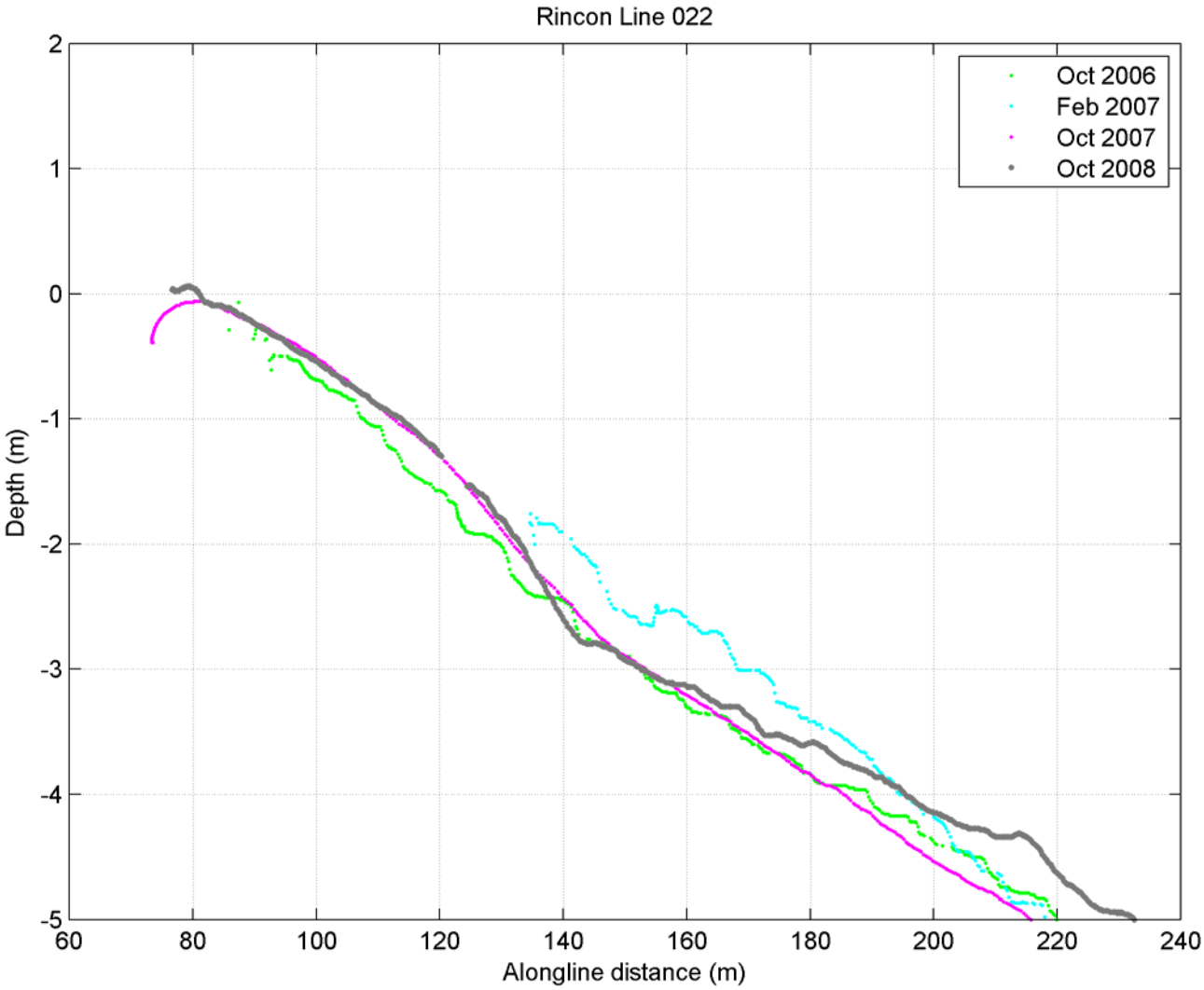

Rincon Line 017
Oct 2007
Oct 2008
Depth (m)
Alongline distance (m)
2
1
0
-1
-2
-3
-4
-5
50
100
150
200
250
300

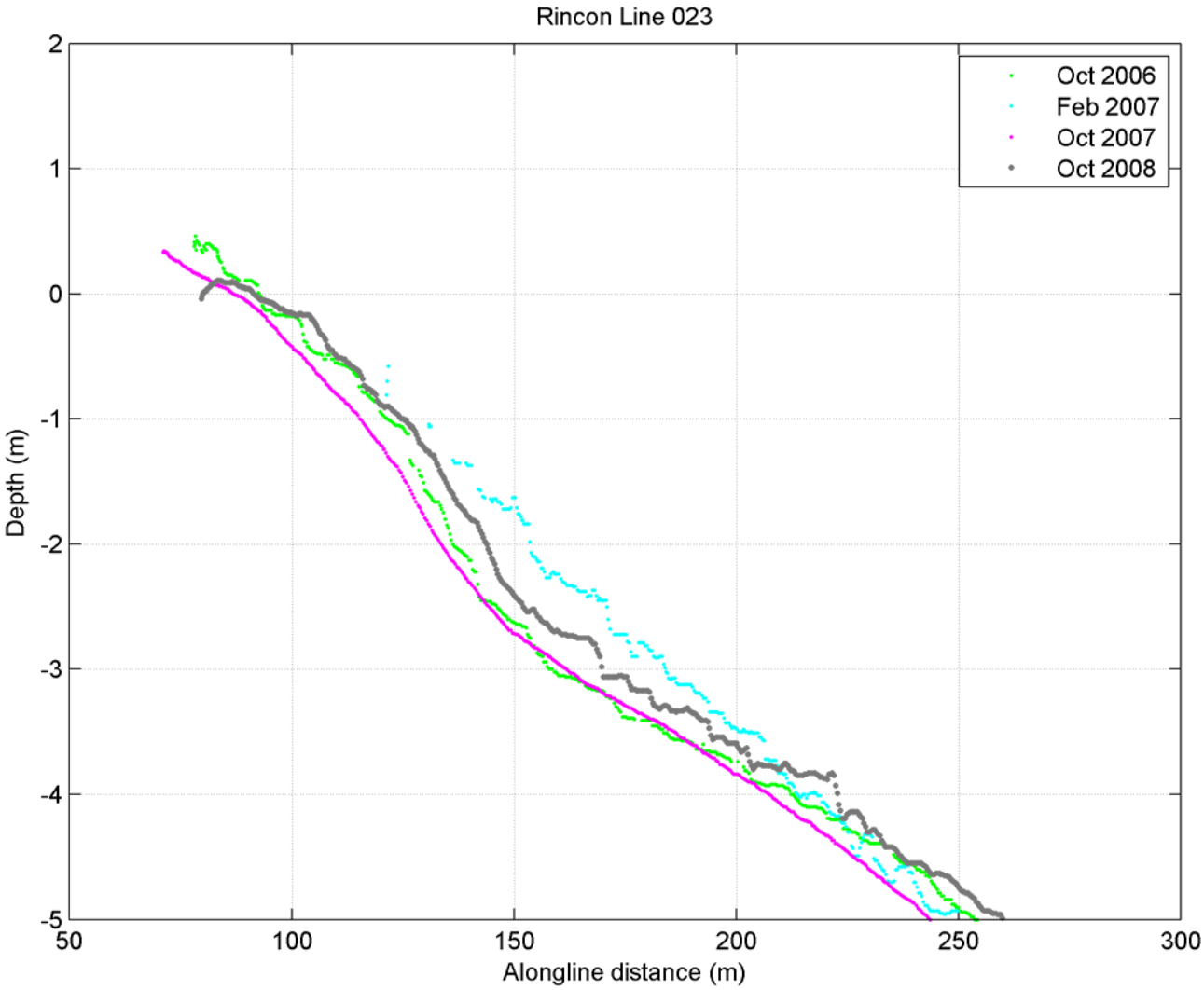

Rincon Line 018
Oct 2006
Oct 2007
Oct 2008
Depth (m)
Alongline distance (m)
2
1
0
-1
-2
-3
-4
-5
60
80
100
120
140
160
180
200
220
240
260

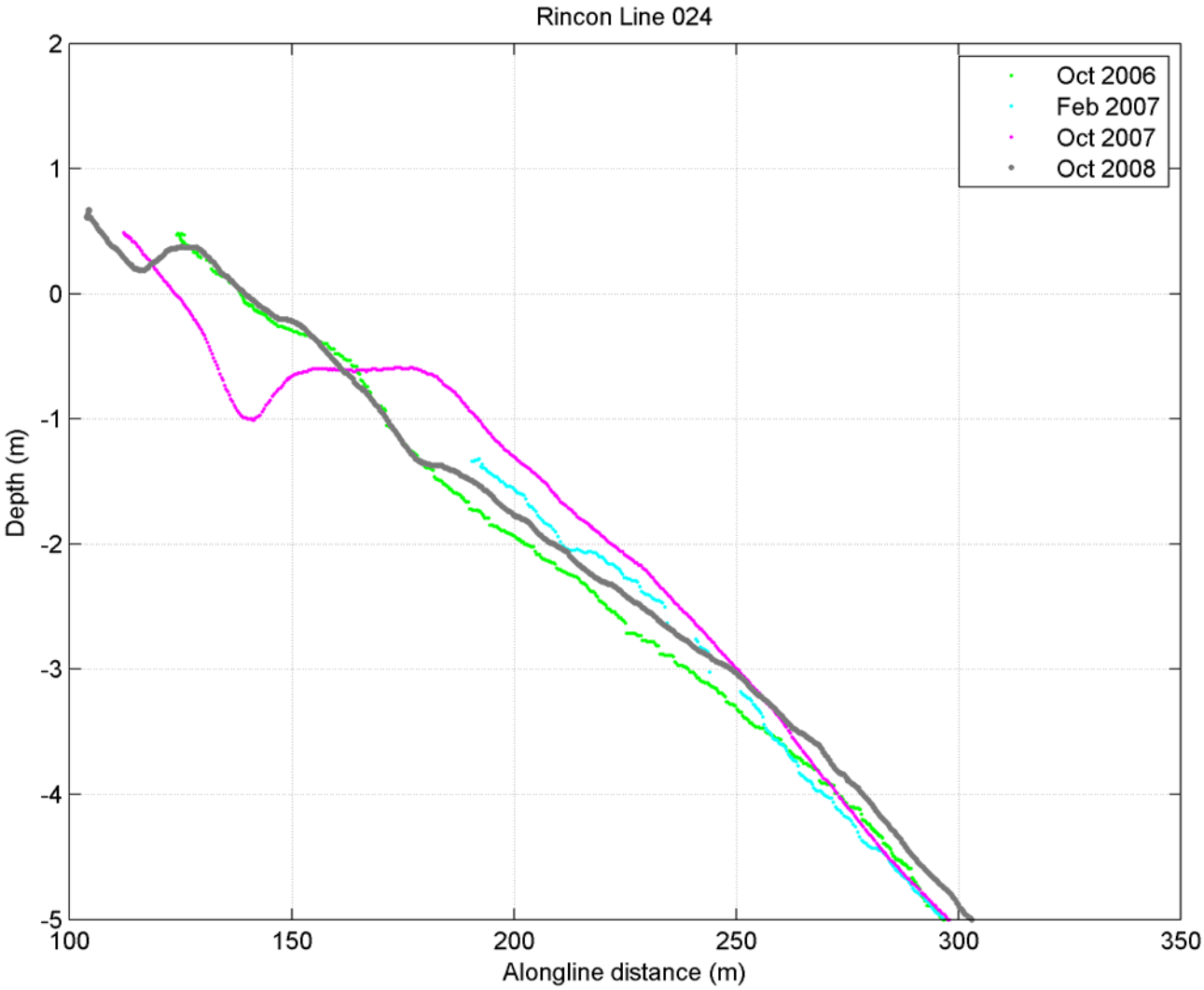

Rincon Line 019
Oct 2006
Oct 2007
Oct 2008
Depth (m)
Alongline distance (m)
2
1
0
-1
-2
-3
-4
-5
0
50
100
150
200
250
300
350

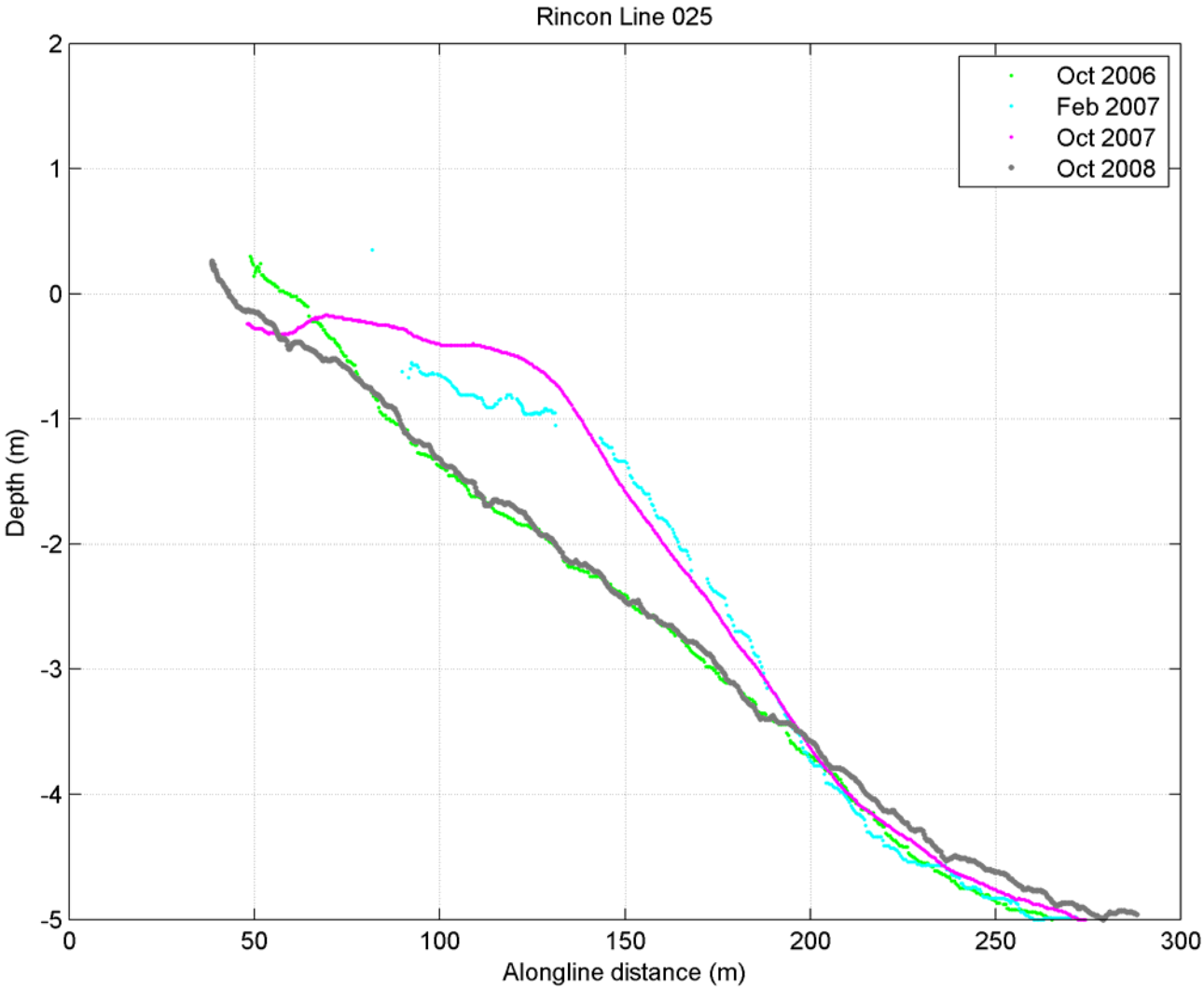

Rincon Line 020
Oct 2006
Feb 2007
Oct 2007
Depth (m)
Alongline distance (m)
2
1
0
-1
-2
-3
-4
-5
50
100
150
200
250
300

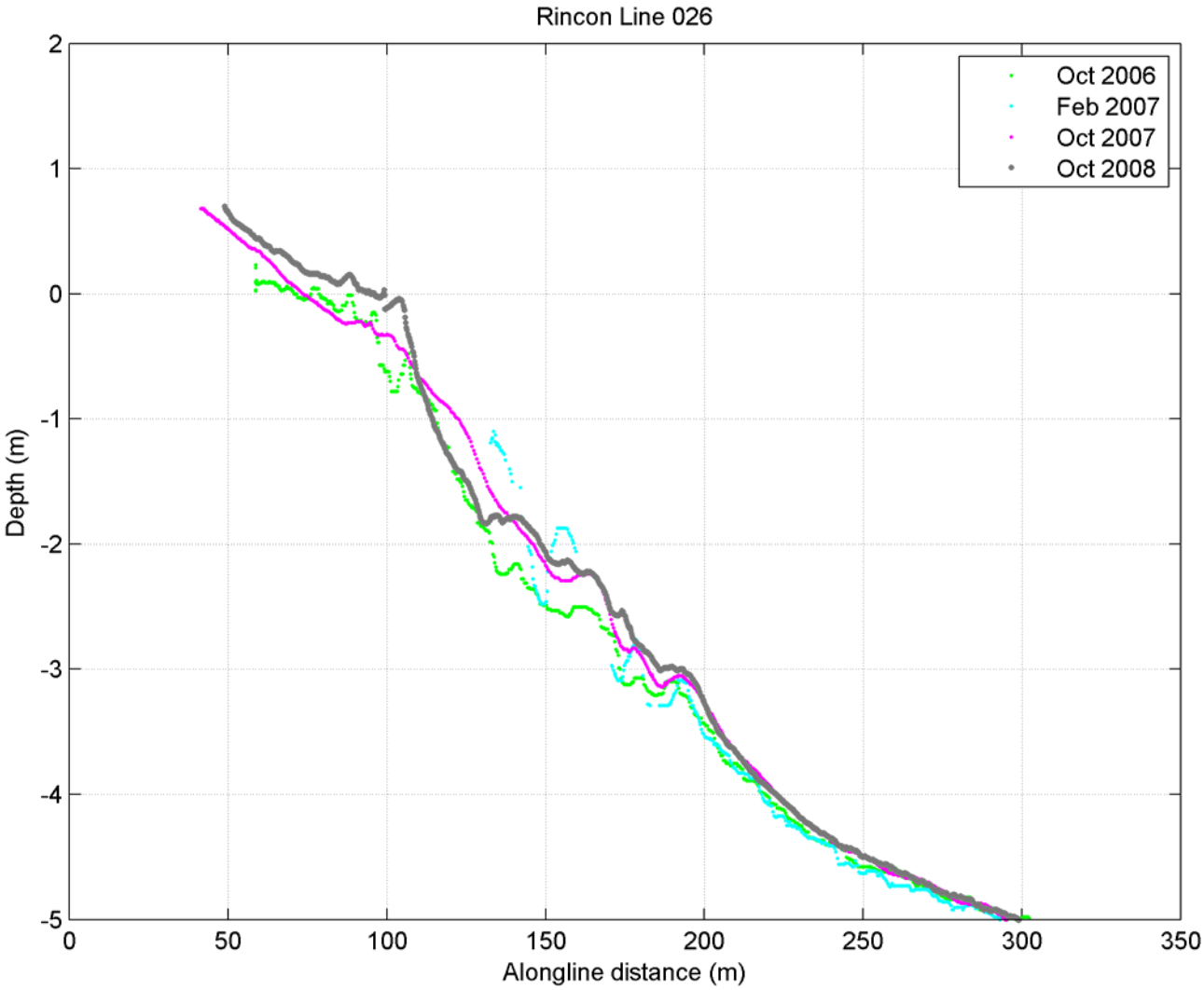

Rincon Line 021
Oct 2006
Oct 2007
Oct 2008
Depth (m)
Alongline distance (m)
2
1
0
-1
-2
-3
-4
-5
60
80
100
120
140
160
180
200

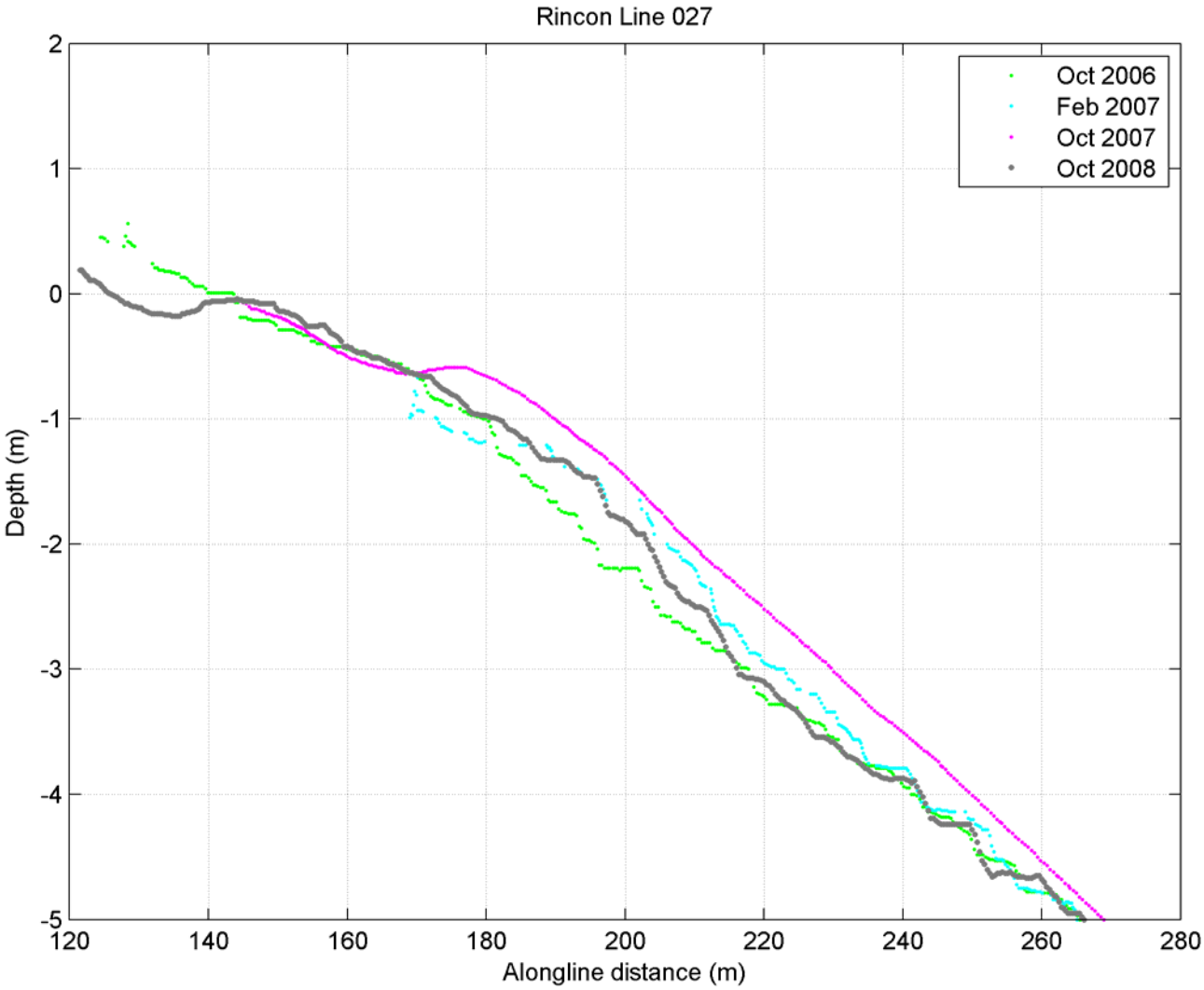

Rincon Line 022
Oct 2006
Feb 2007
Oct 2007
Oct 2008
Depth (m)
Alongline distance (m)
2
1
0
-1
-2
-3
-4
-5
60
80
100
120
140
160
180
200
220
240

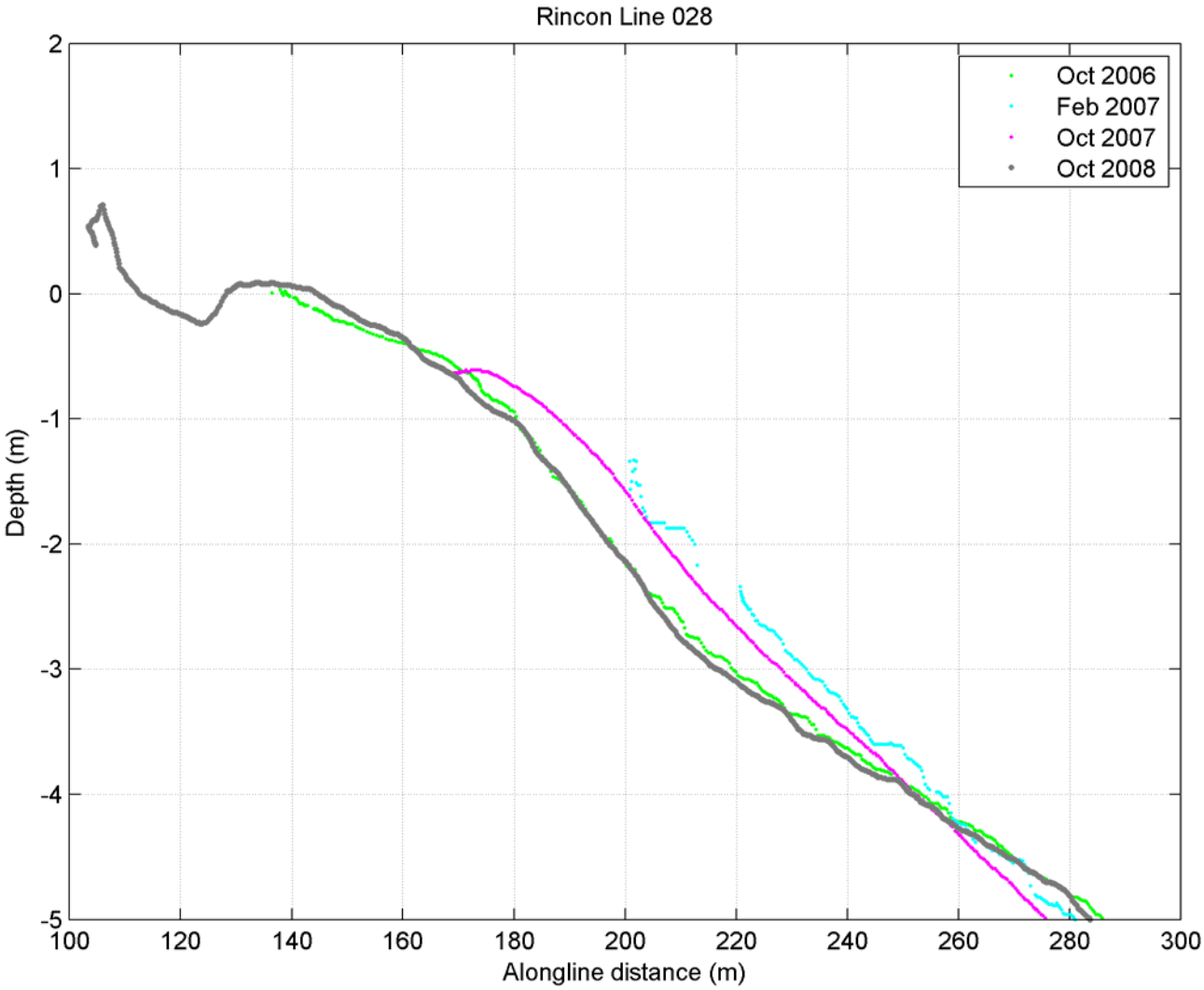

Rincon Line 023
Oct 2006
Feb 2007
Oct 2007
Oct 2008
Depth (m)
Alongline distance (m)
2
1
0
-1
-2
-3
-4
-5
50
100
150
200
250
300

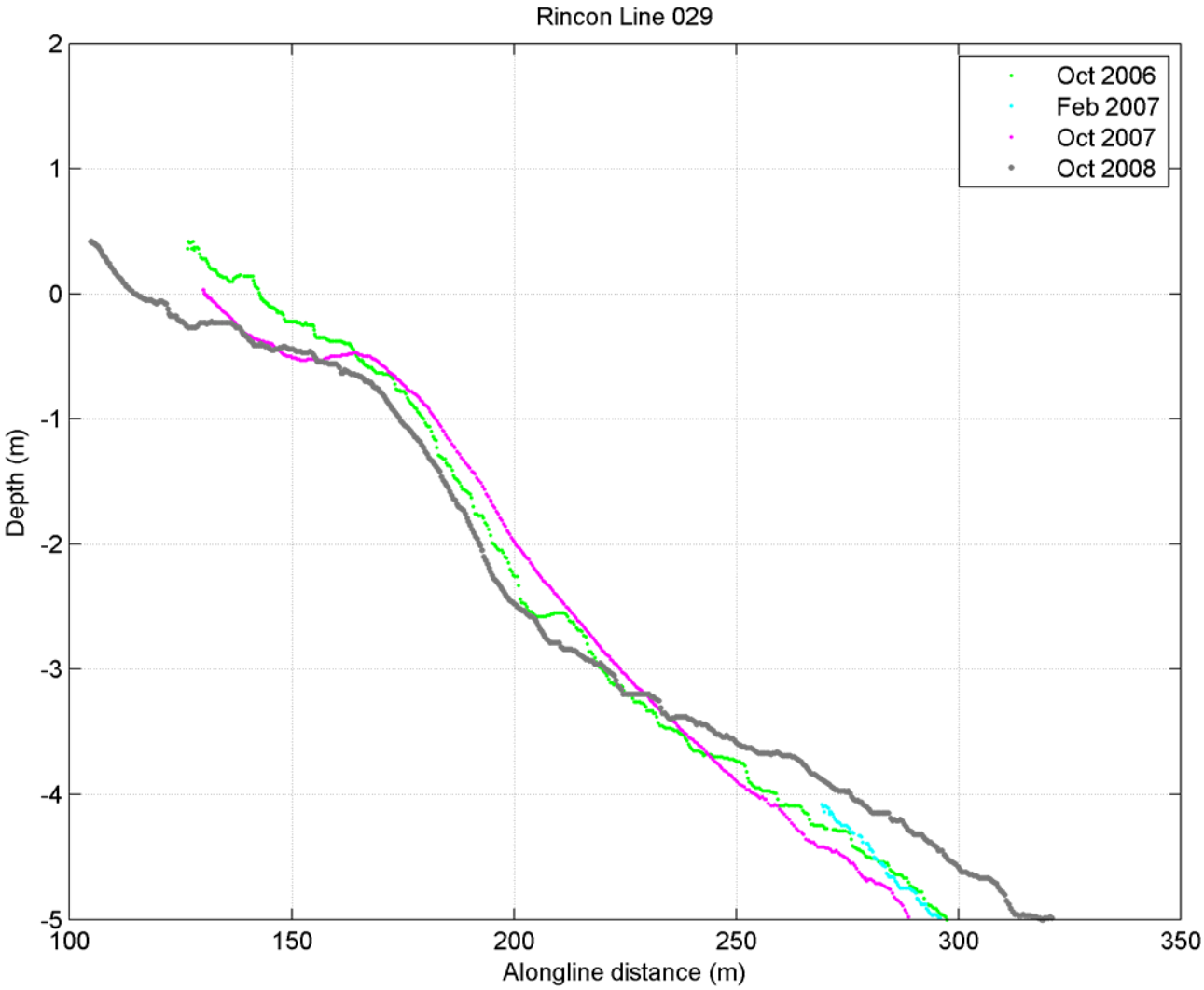

Rincon Line 024
Oct 2006
Feb 2007
Oct 2007
Oct 2008
Depth (m)
Alongline distance (m)
2
1
0
-1
-2
-3
-4
-5
100
150
200
250
300
350

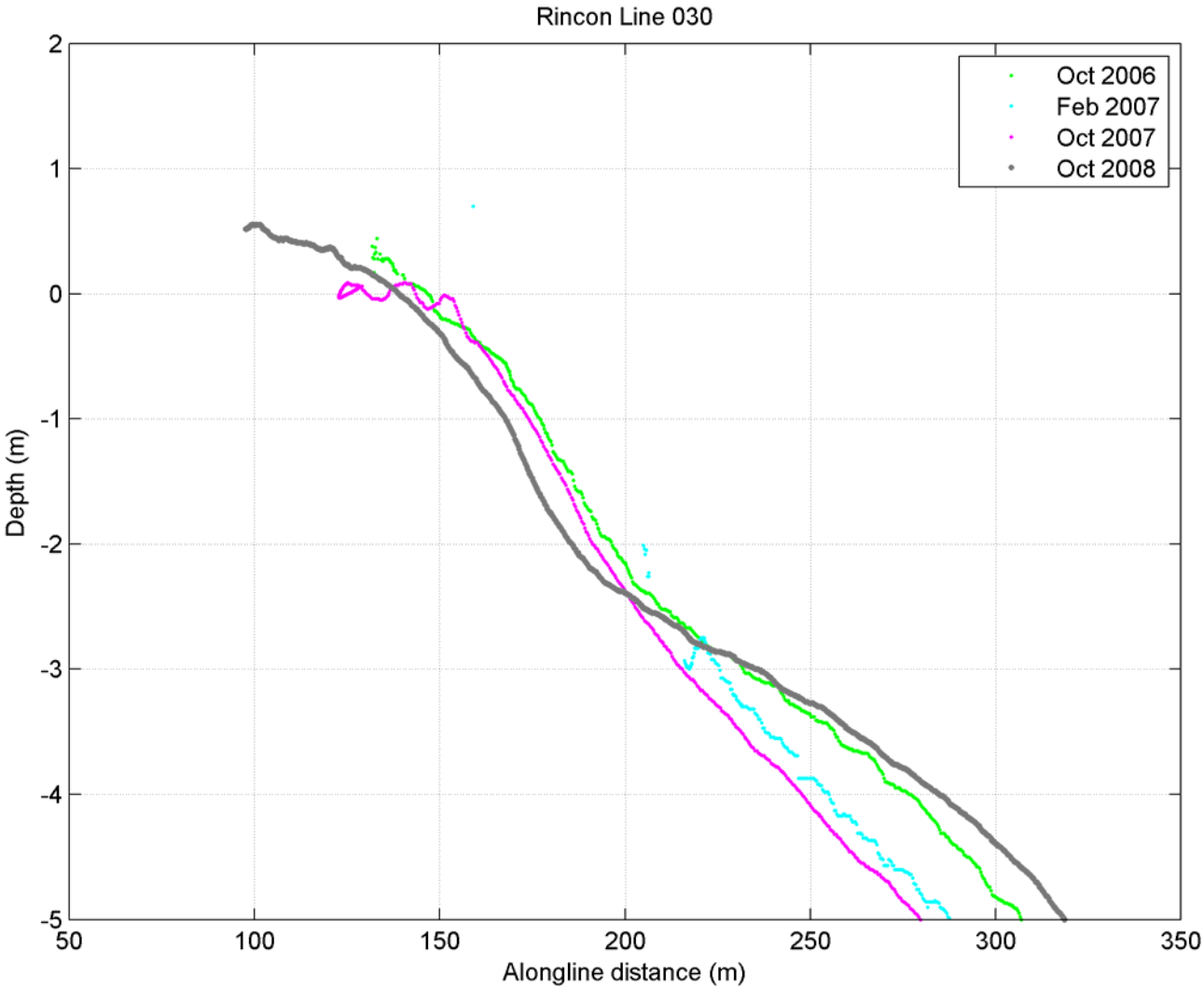

Rincon Line 025
Oct 2006
Feb 2007
Oct 2007
Oct 2008
Depth (m)
Alongline distance (m)
2
1
0
-1
-2
-3
-4
-5
0
50
100
150
200
250
300

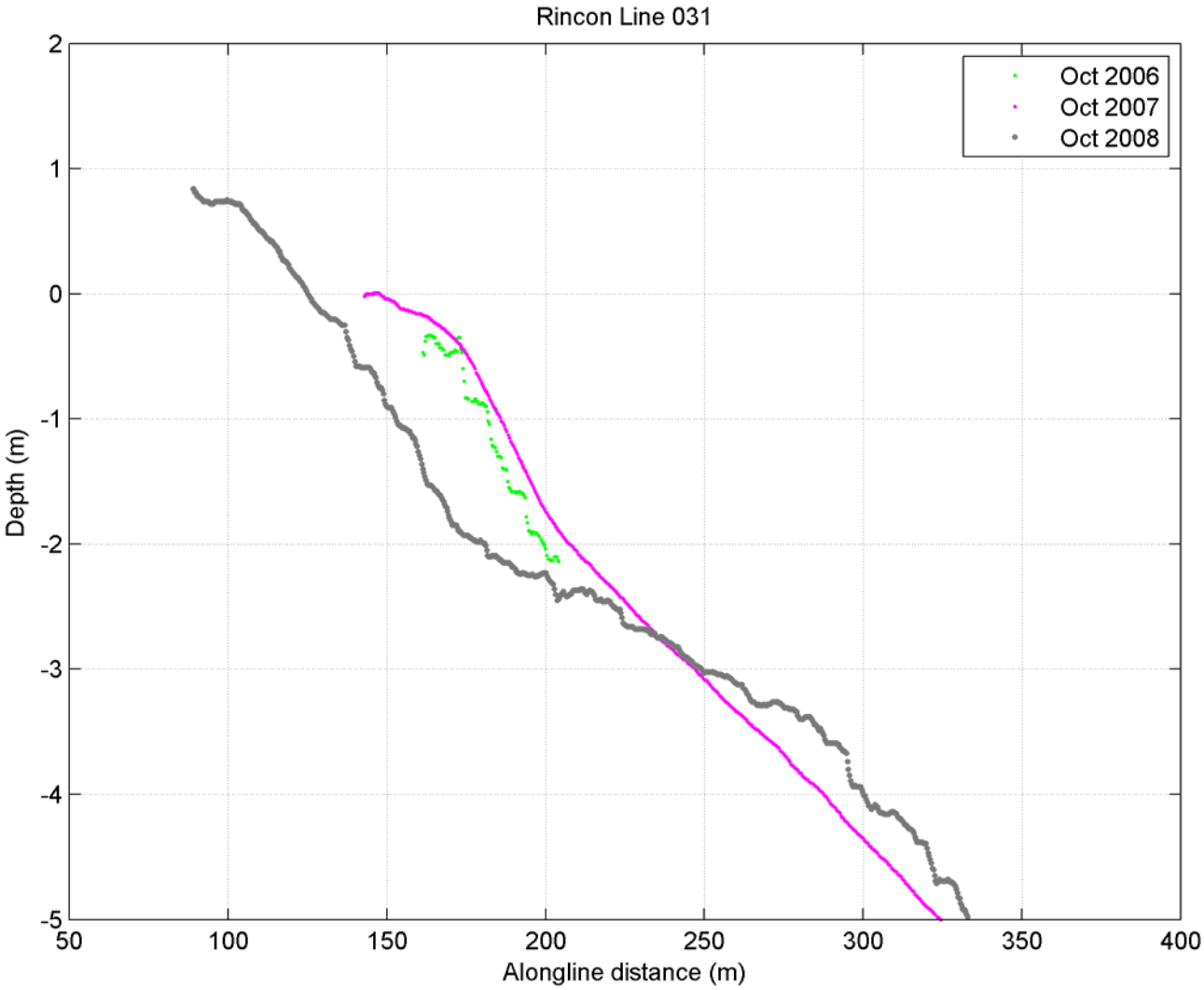

Rincon Line 026
Oct 2006
Feb 2007
Oct 2007
Oct 2008
Depth (m)
Alongline distance (m)
2
1
0
-1
-2
-3
-4
-5
0
50
100
150
200
250
300
350

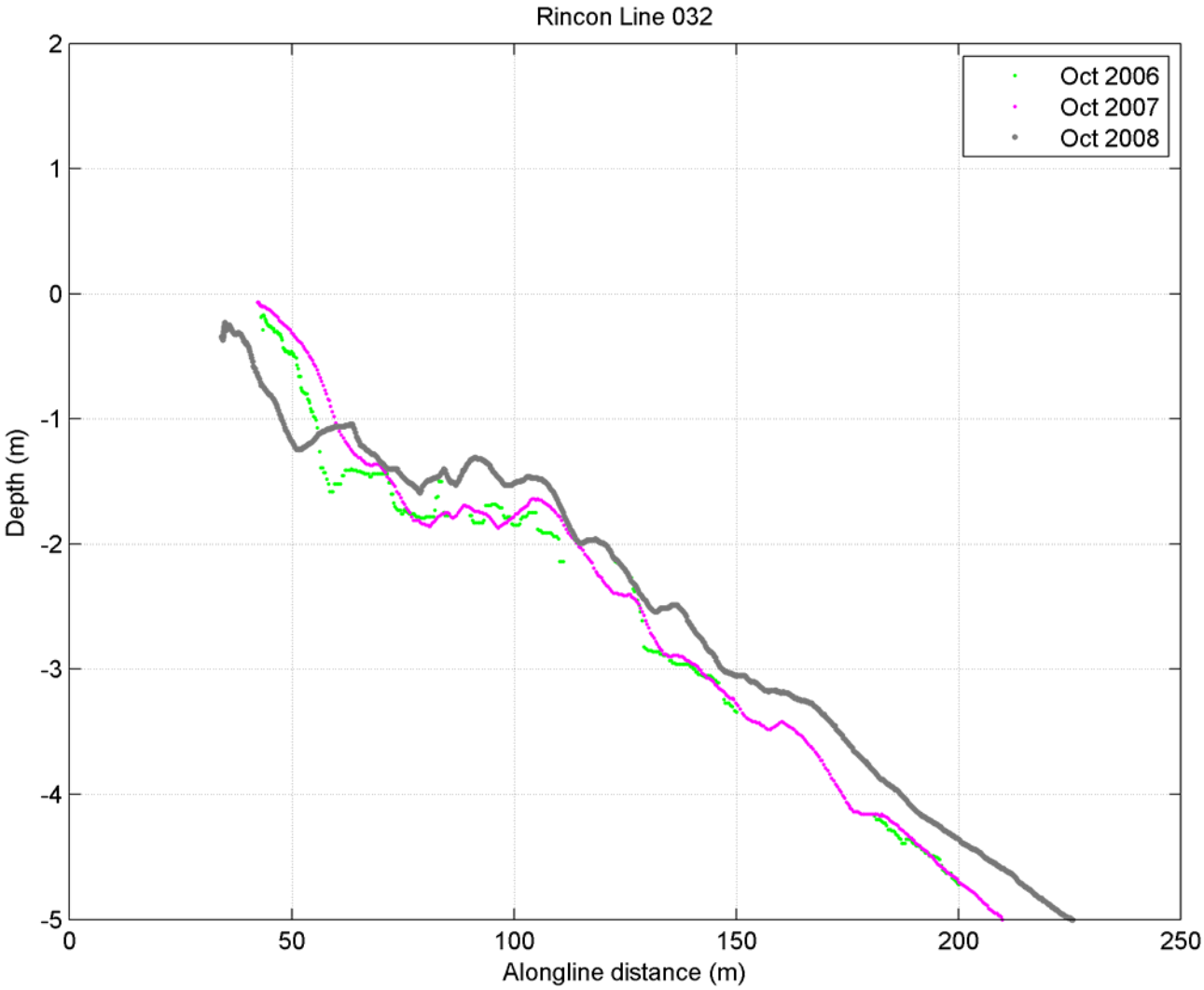

Rincon Line 027
Oct 2006
Feb 2007
Oct 2007
Oct 2008
Depth (m)
Alongline distance (m)
2
1
0
-1
-2
-3
-4
-5
120
140
160
180
200
220
240
260
280

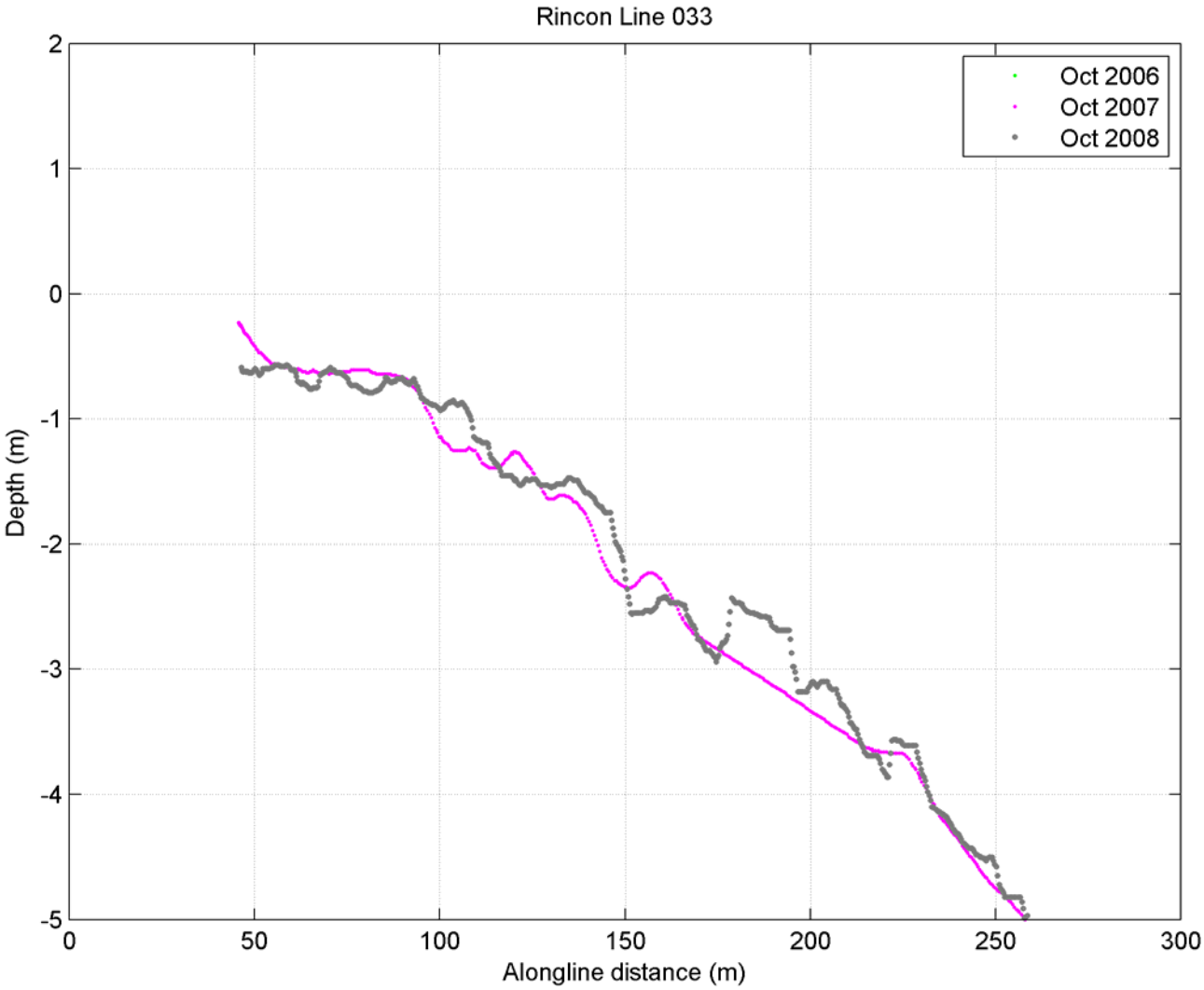

Rincon Line 028
Oct 2006
Feb 2007
Oct 2007
Oct 2008
Depth (m)
Alongline distance (m)
2
1
0
-1
-2
-3
-4
-5
100
120
140
160
180
200
220
240
260
280
300

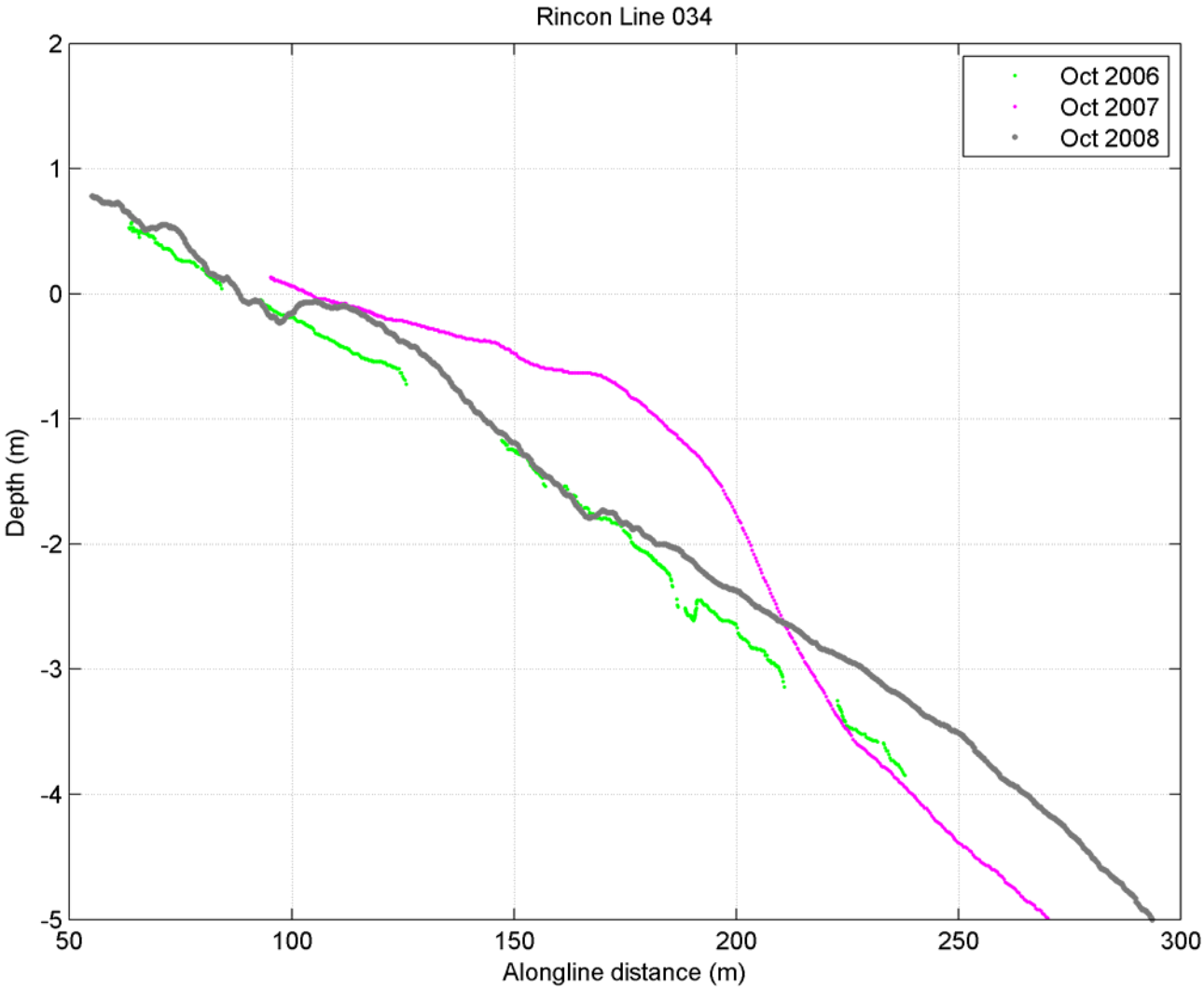

Rincon Line 029
Oct 2006
Feb 2007
Oct 2007
Oct 2008
Depth (m)
Alongline distance (m)
2
1
0
-1
-2
-3
-4
-5
100
150
200
250
300
350

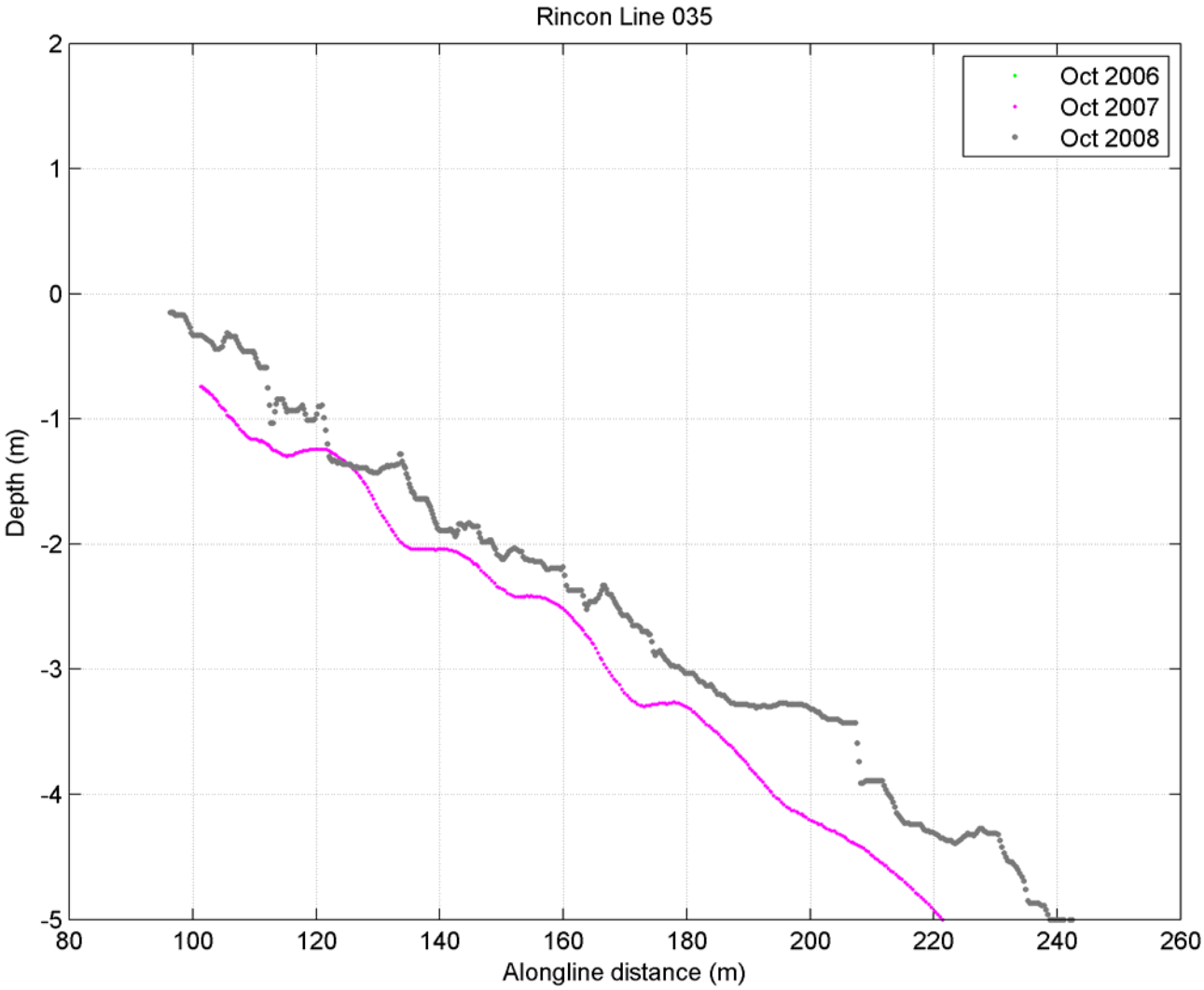

Rincon Line 030
Oct 2006
Feb 2007
Oct 2007
Oct 2008
Depth (m)
Alongline distance (m)
2
1
0
-1
-2
-3
-4
-5
50
100
150
200
250
300
350


Rincon Line 031
Oct 2006
Oct 2007
Oct 2008
Depth (m)
Alongline distance (m)
2
1
0
-1
-2
-3
-4
-5
50
100
150
200
250
300
350
400


Rincon Line 032
Oct 2006
Oct 2007
Oct 2008
Depth (m)
Alongline distance (m)
2
1
0
-1
-2
-3
-4
-5
0
50
100
150
200
250


Rincon Line 033
Oct 2006
Oct 2007
Oct 2008
Depth (m)
Alongline distance (m)
2
1
0
-1
-2
-3
-4
-5
0
50
100
150
200
250
300


Rincon Line 034
Oct 2006
Oct 2007
Oct 2008
Depth (m)
Alongline distance (m)
2
1
0
-1
-2
-3
-4
-5
50
100
150
200
250
300


Rincon Line 035
Oct 2006
Oct 2007
Oct 2008
Depth (m)
Alongline distance (m)
2
1
0
-1
-2
-3
-4
-5
80
100
120
140
160
180
200
220
240
260

Ventura/Santa Clara River Mouths

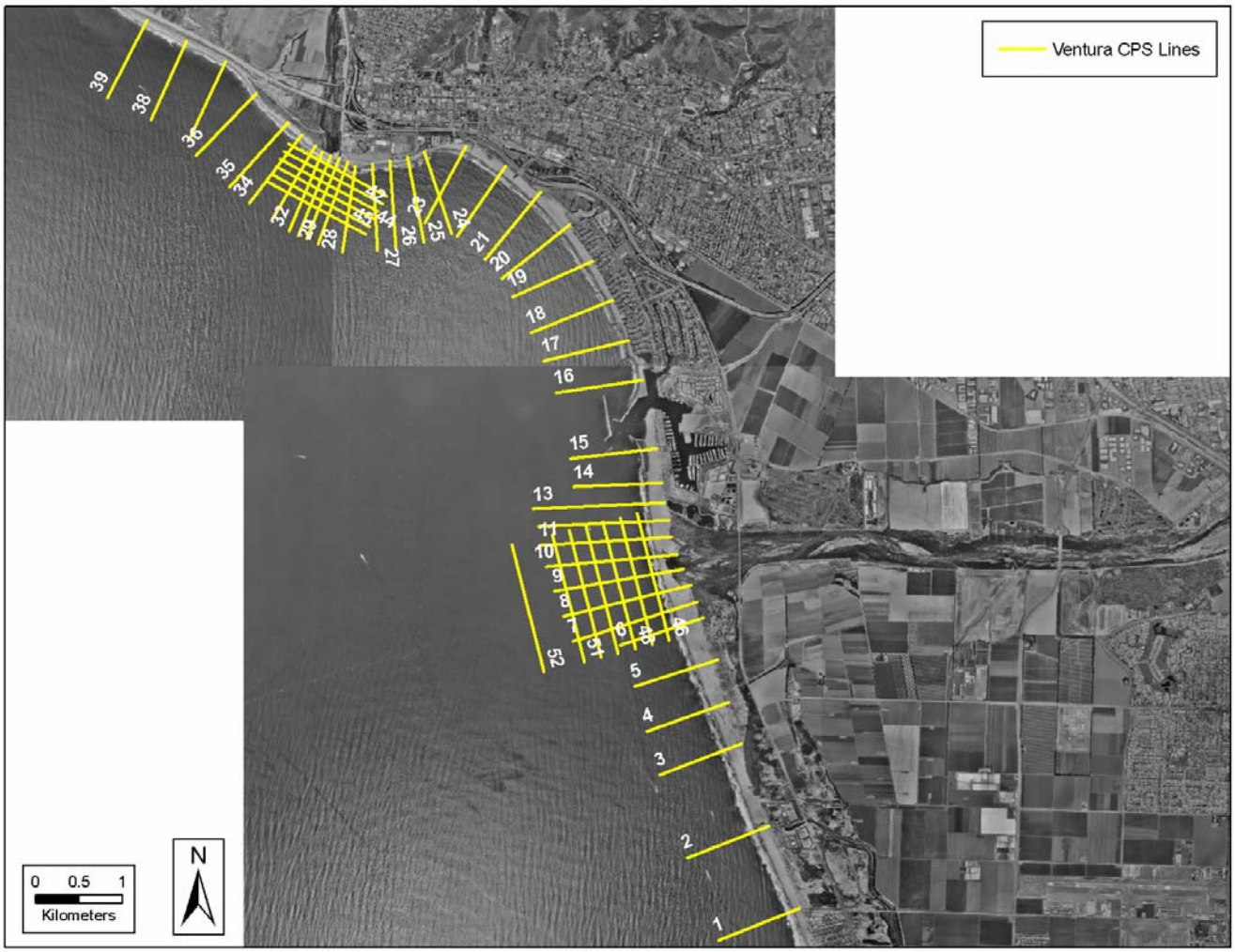


Figure C11. Ventura/Santa Clara River Mouths Coastal Profiling System survey line locations.

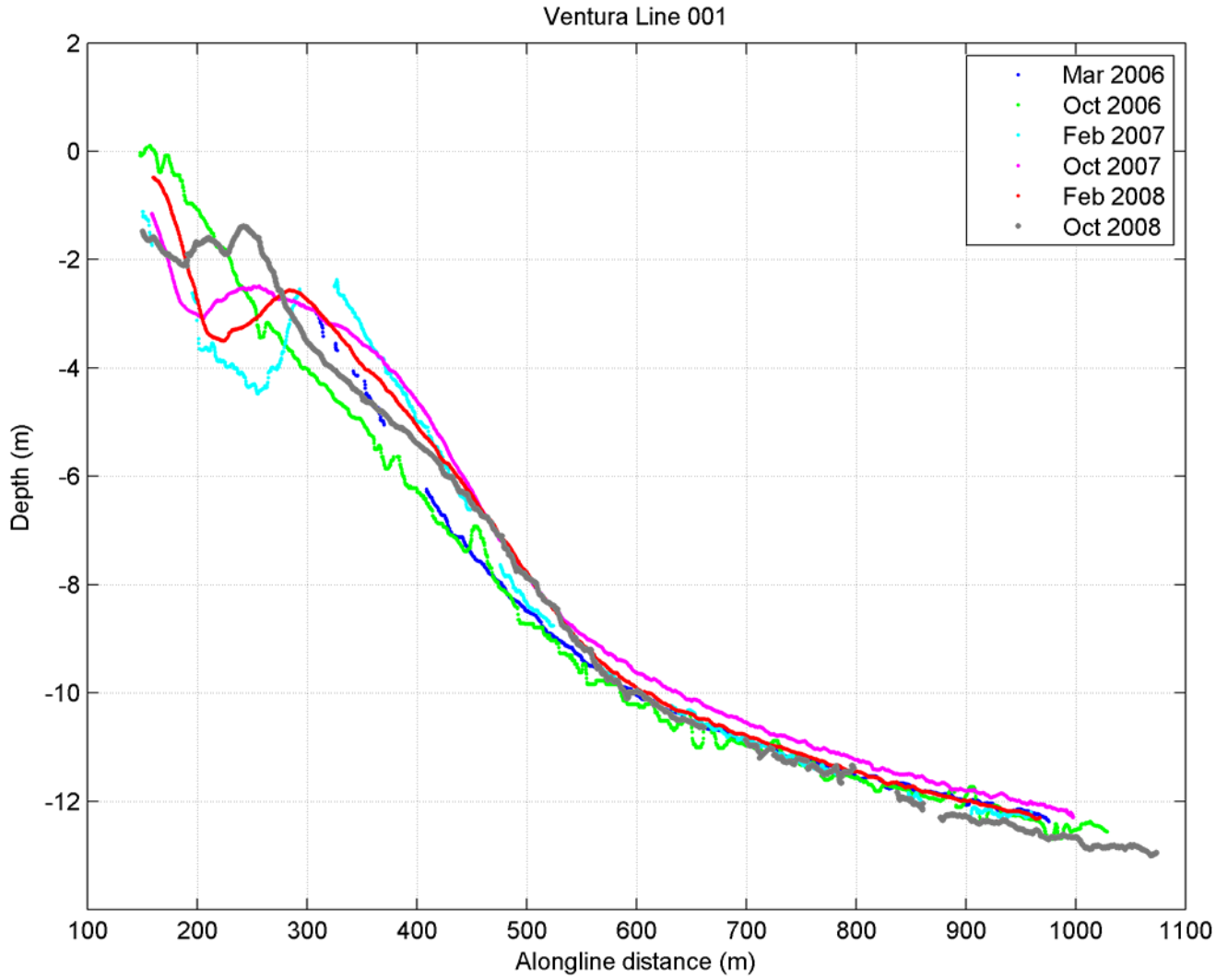
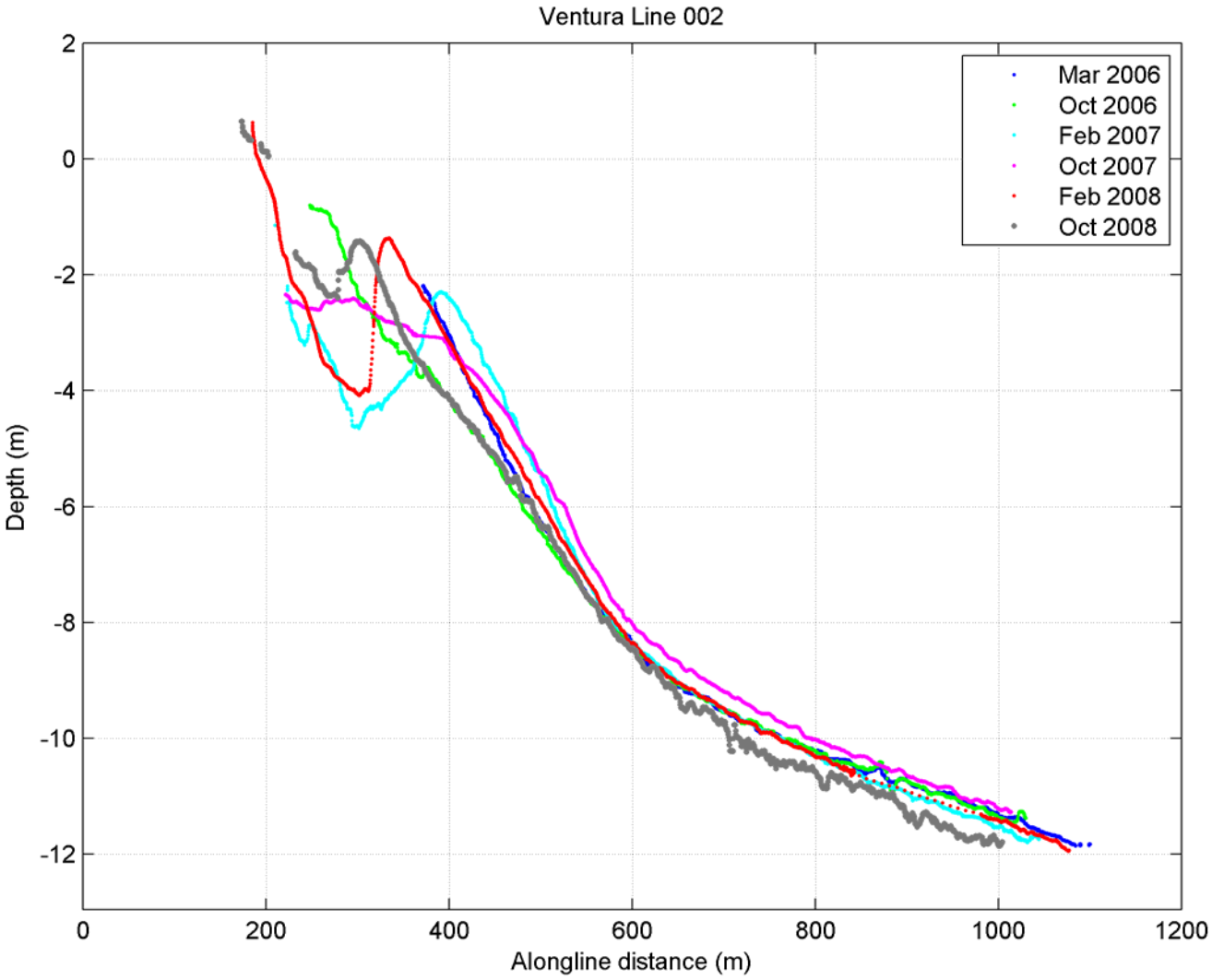
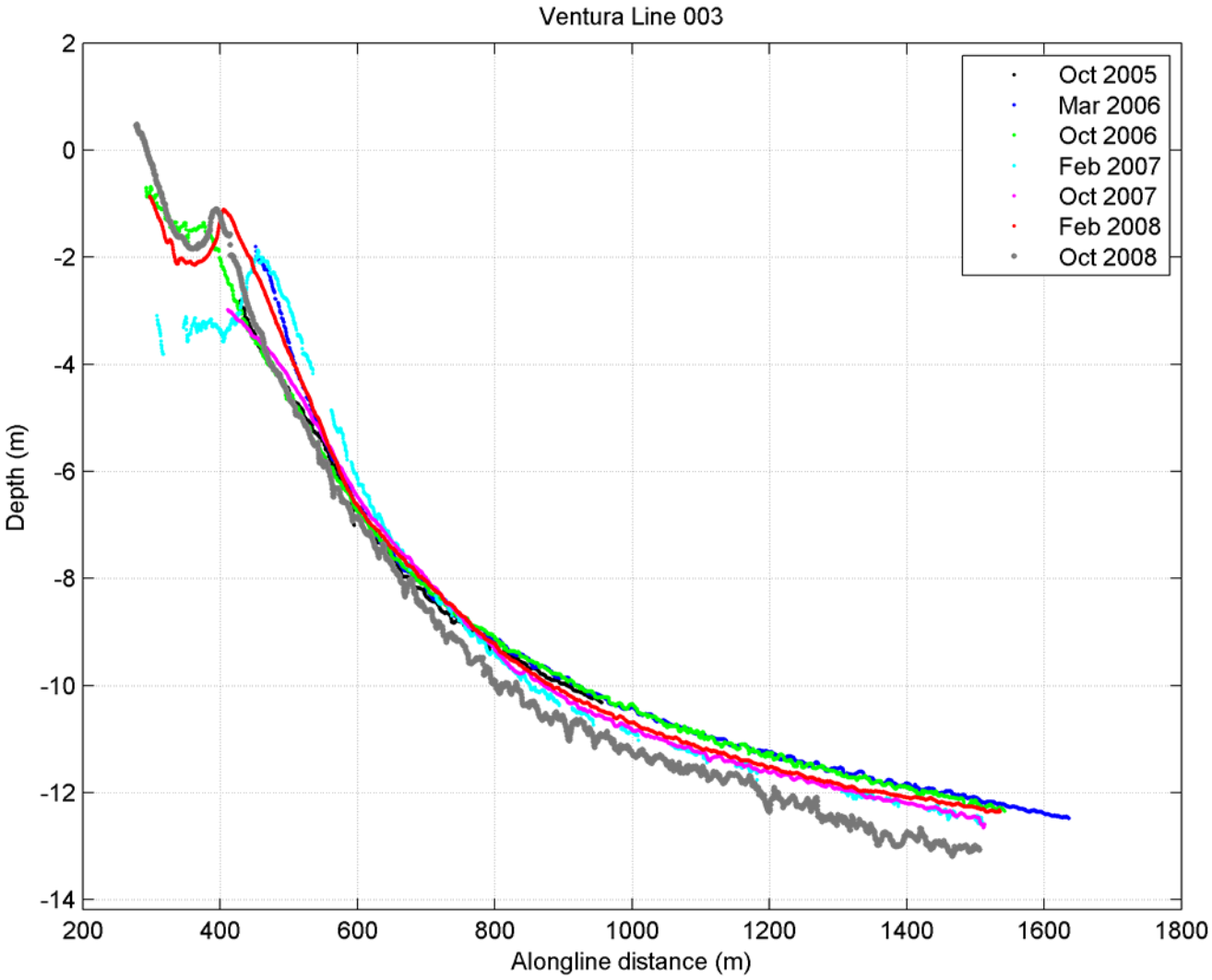
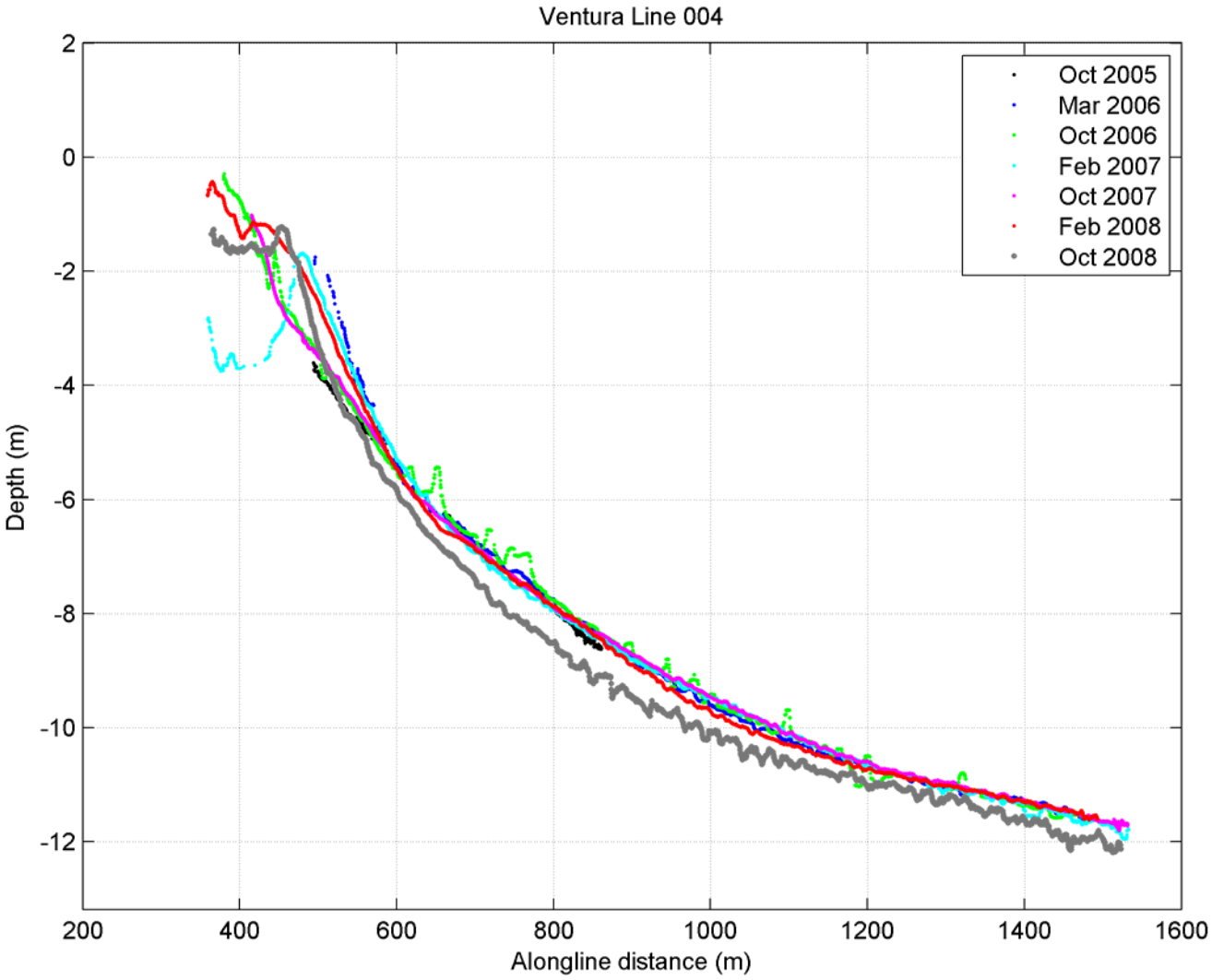
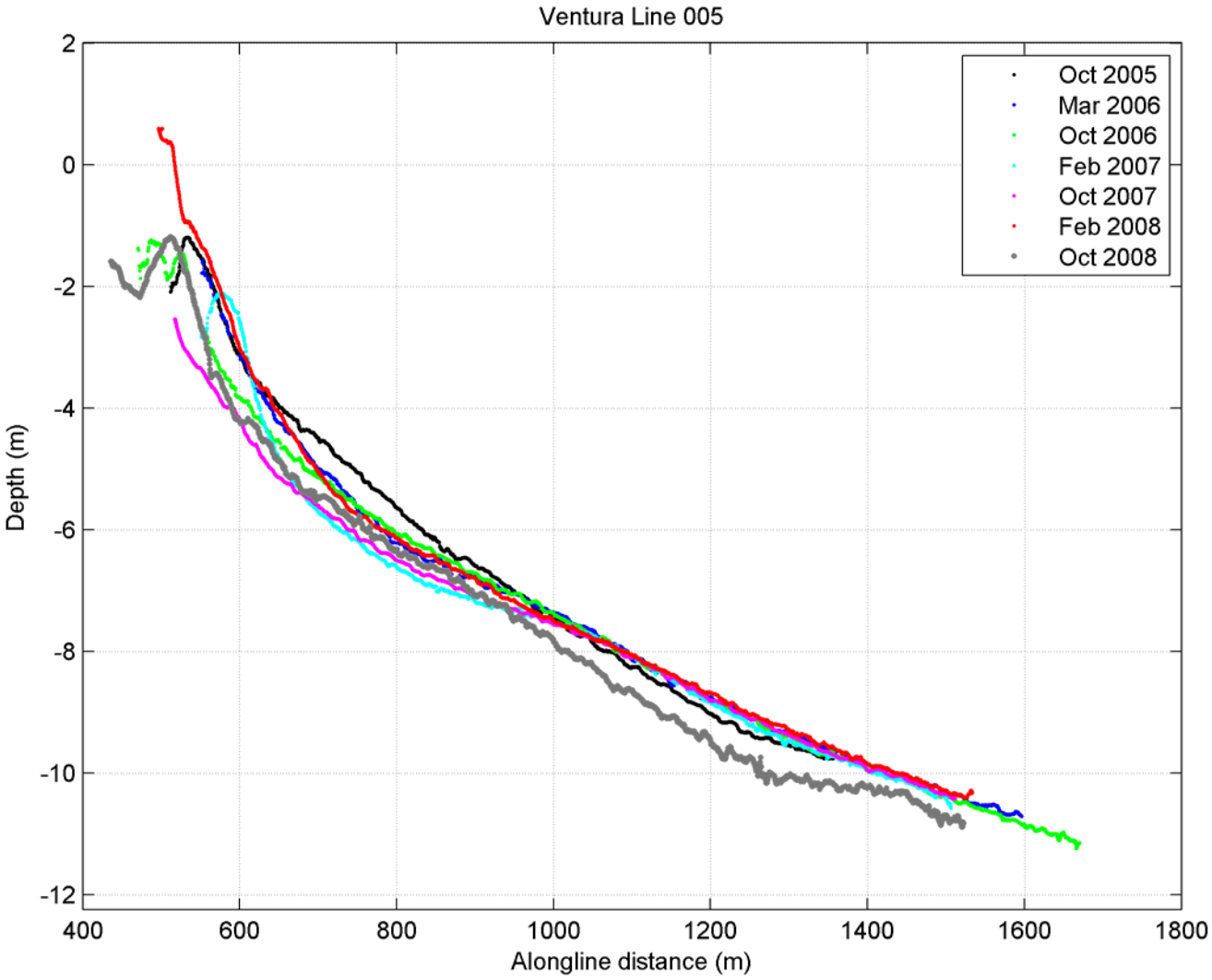


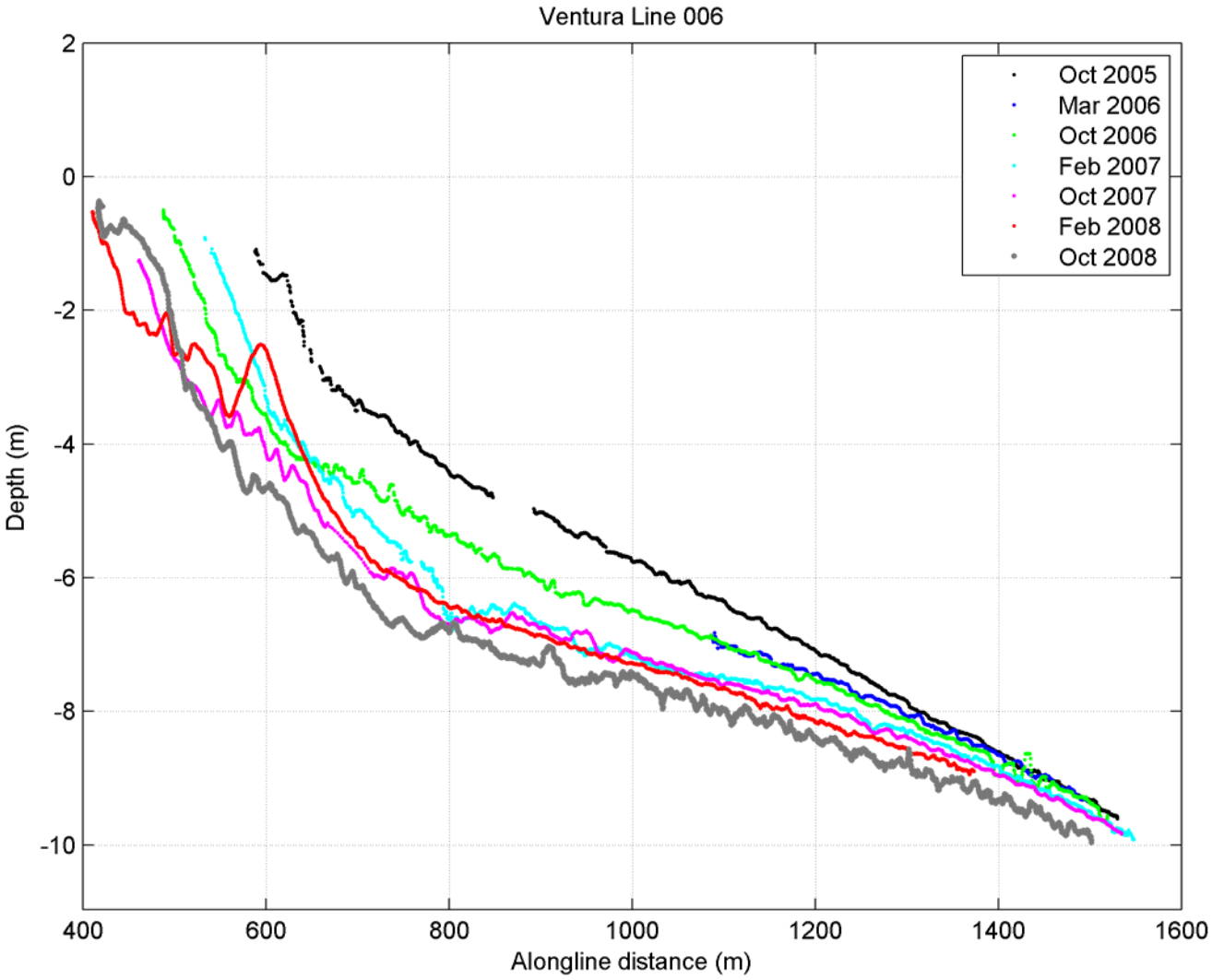
Figure C12. Ventura/Santa Clara River Mouths Coastal Profiling System plots, survey lines 1-52.

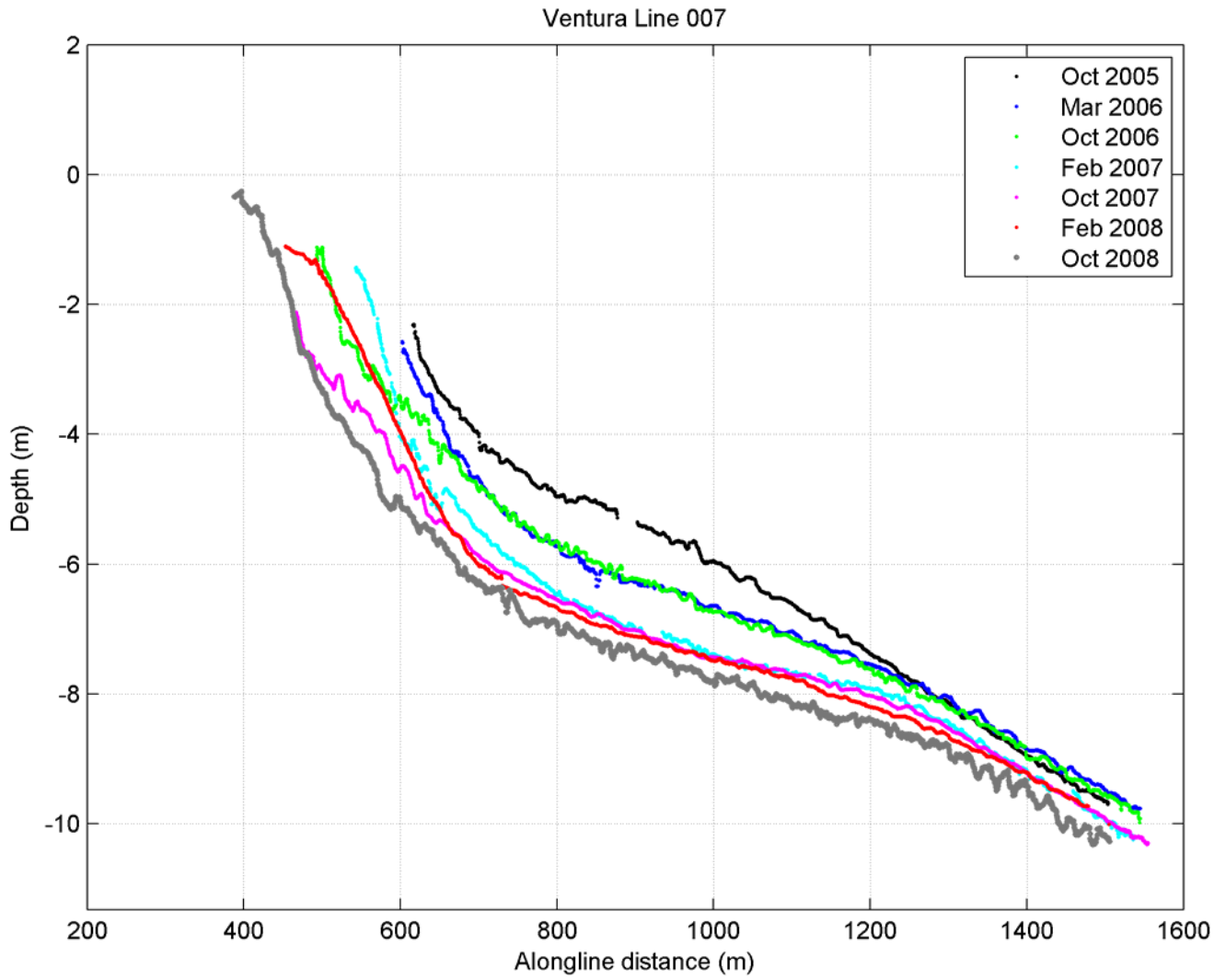

Ventura Line 002
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
-12
0
200
400
600
800
1000
1200

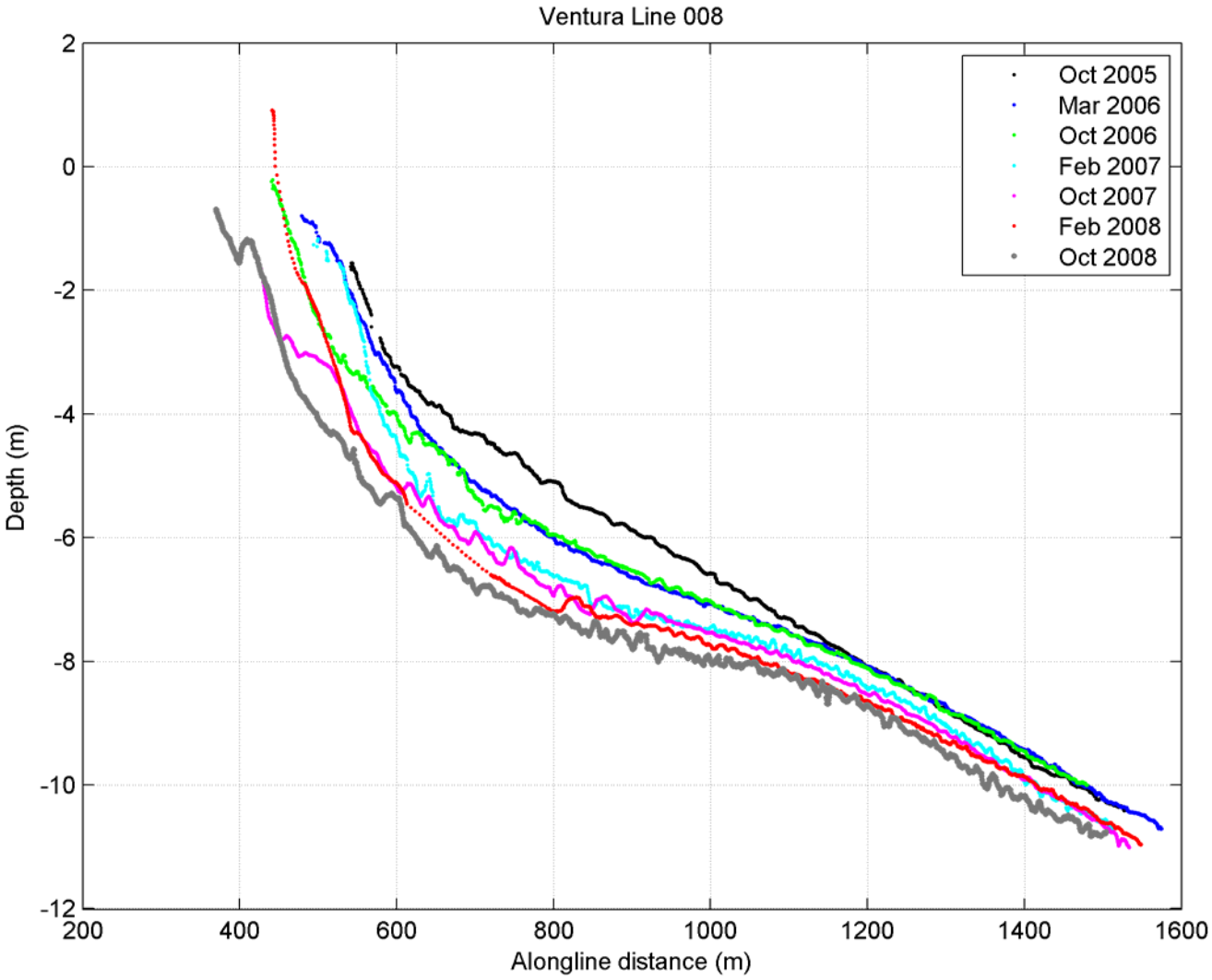

Ventura Line 003
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
-12
-14
200
400
600
800
1000
1200
1400
1600
1800

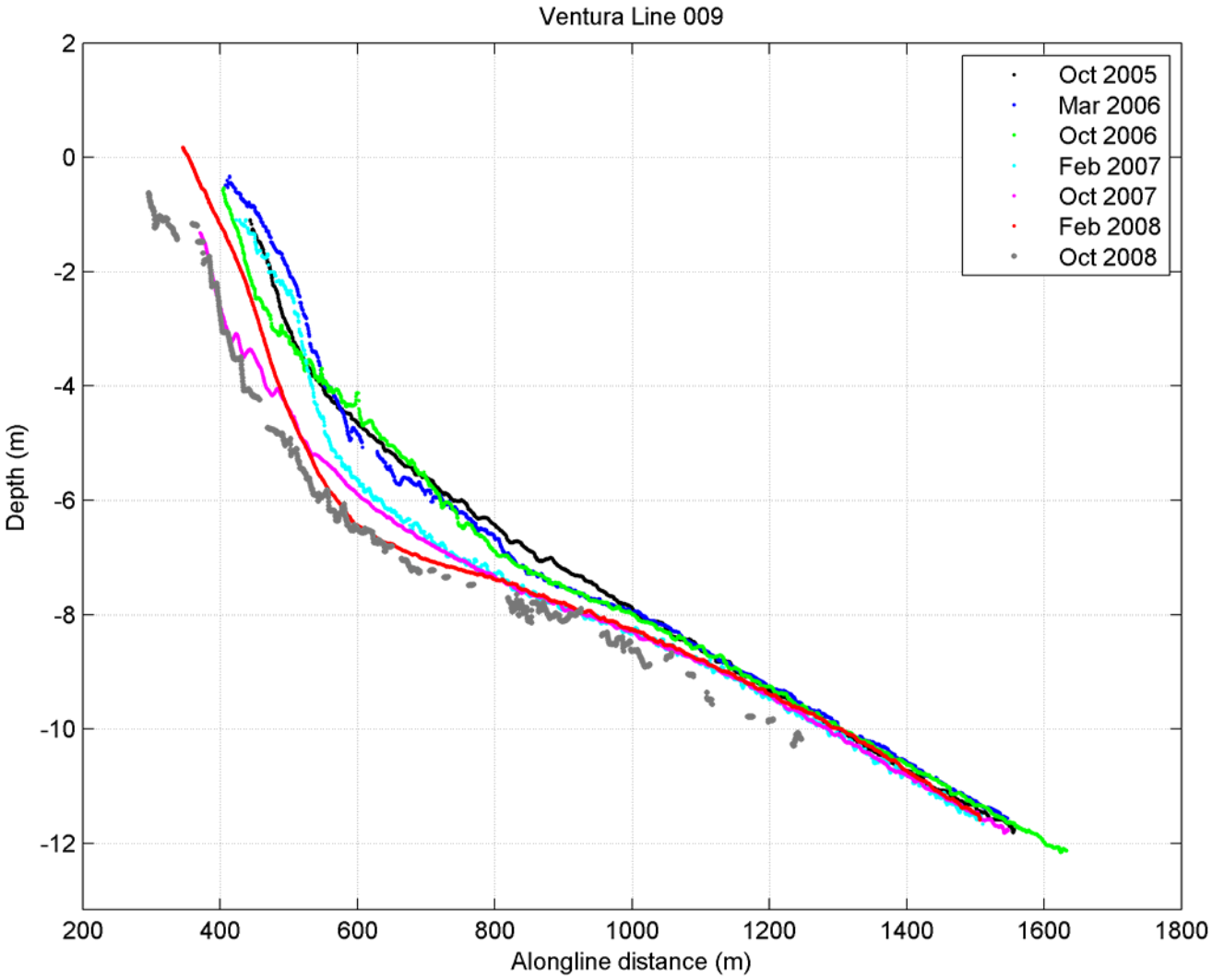

Ventura Line 004
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
-12
200
400
600
800
1000
1200
1400
1600

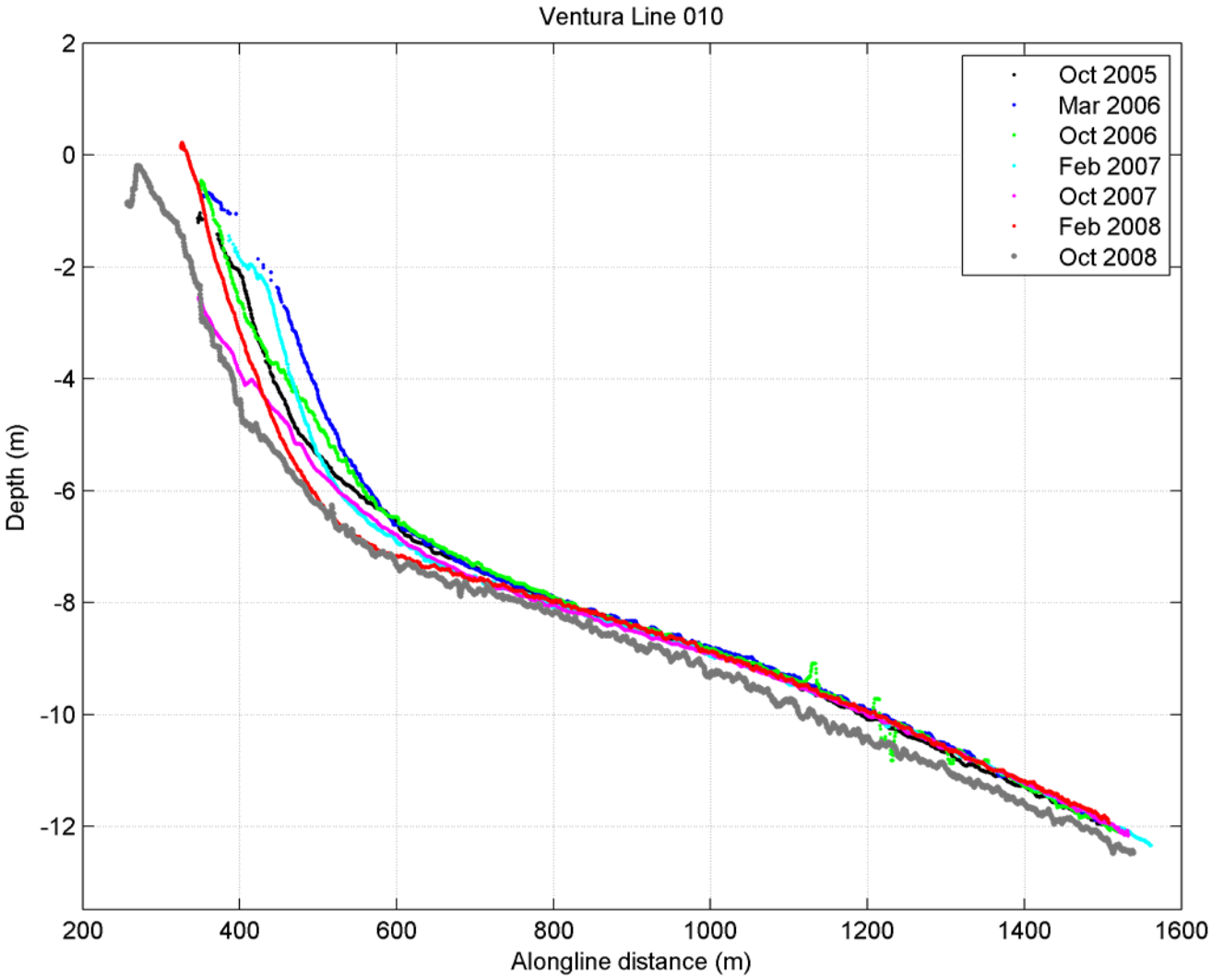

Ventura Line 005
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
-12
400
600
800
1000
1200
1400
1600
1800

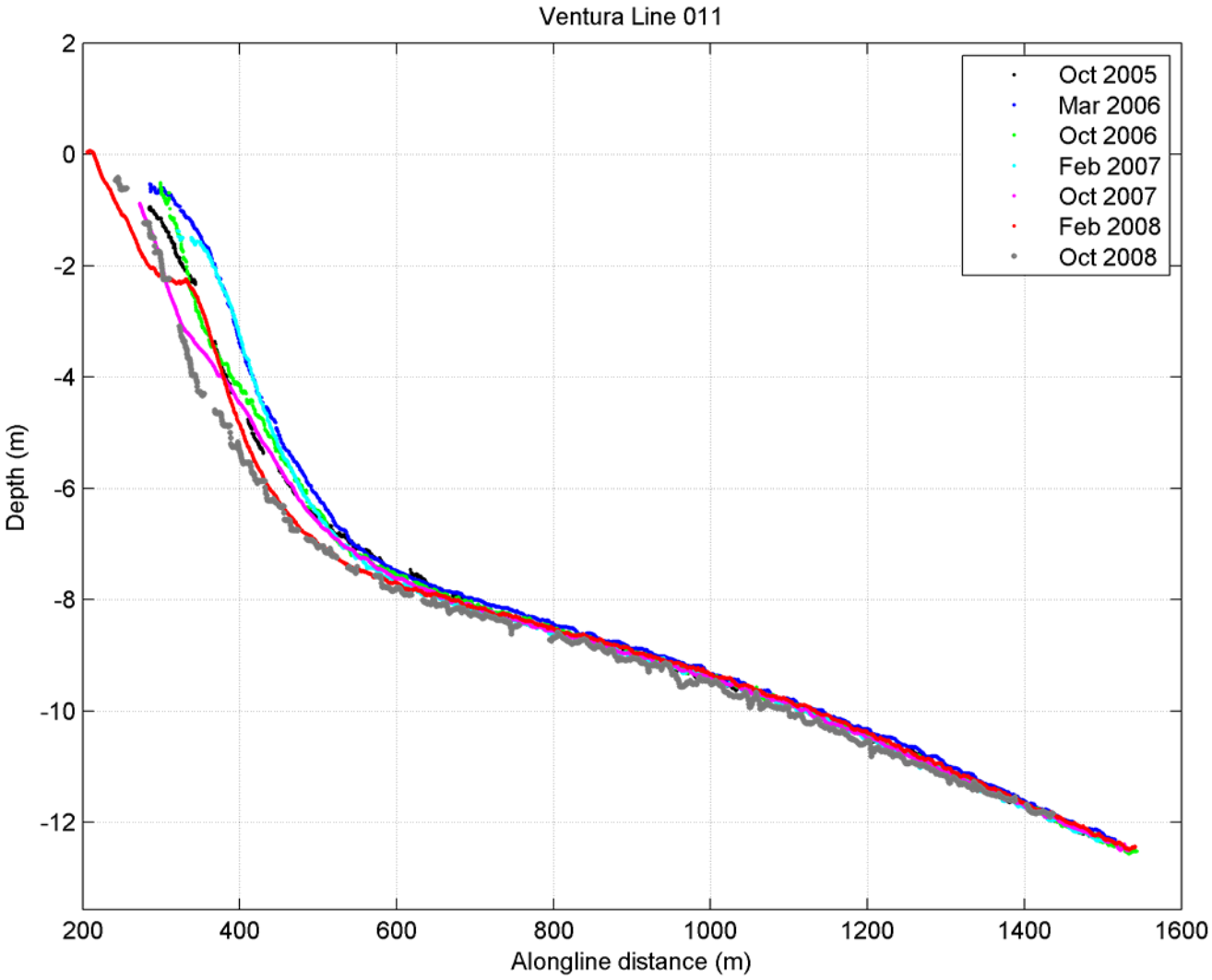

Ventura Line 006
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
2
0
-2
-4
-6
-8
-10
400
600
800
1000
1200
1400
1600
Alongline distance (m)

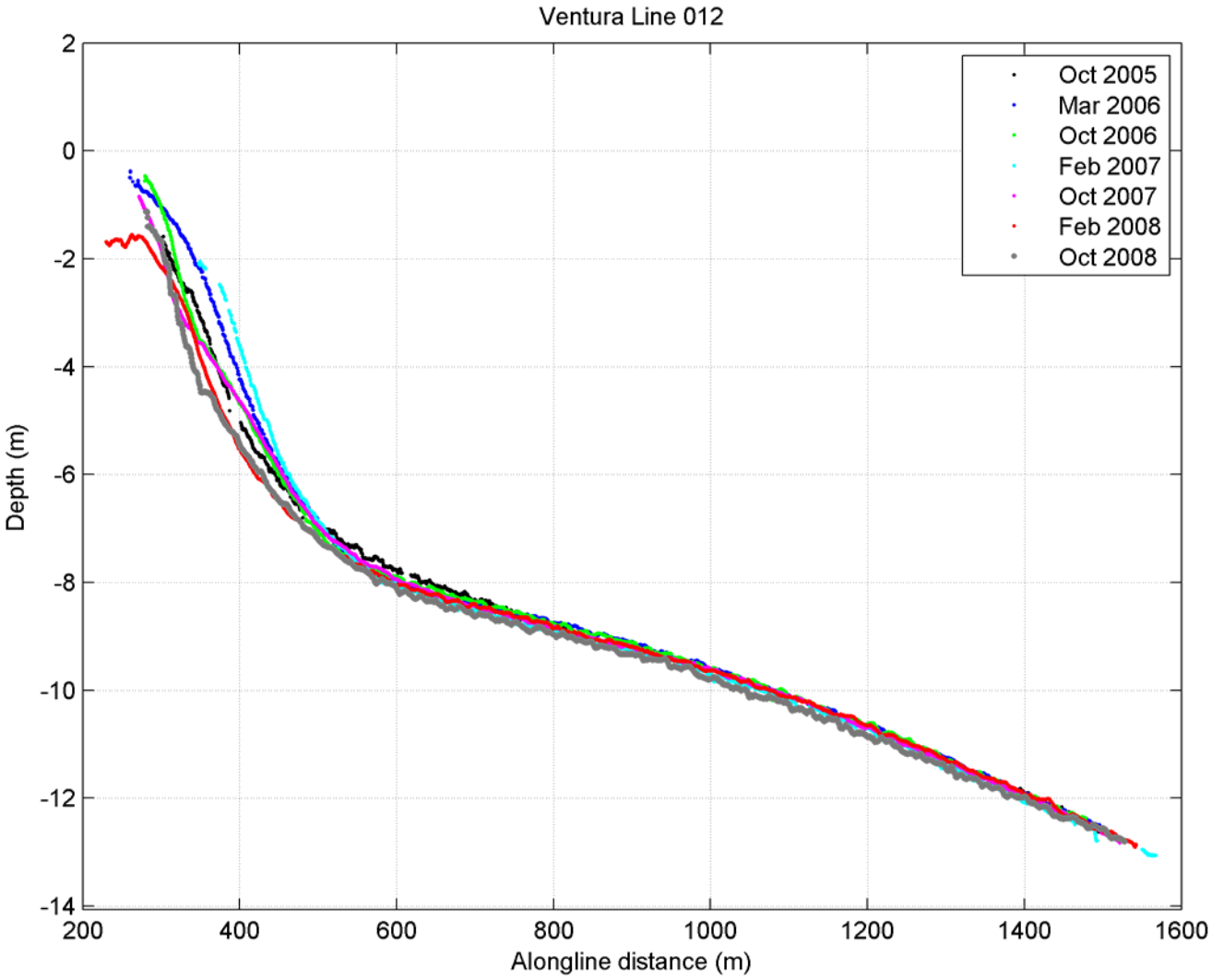

Ventura Line 007
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
200
400
600
800
1000
1200
1400
1600

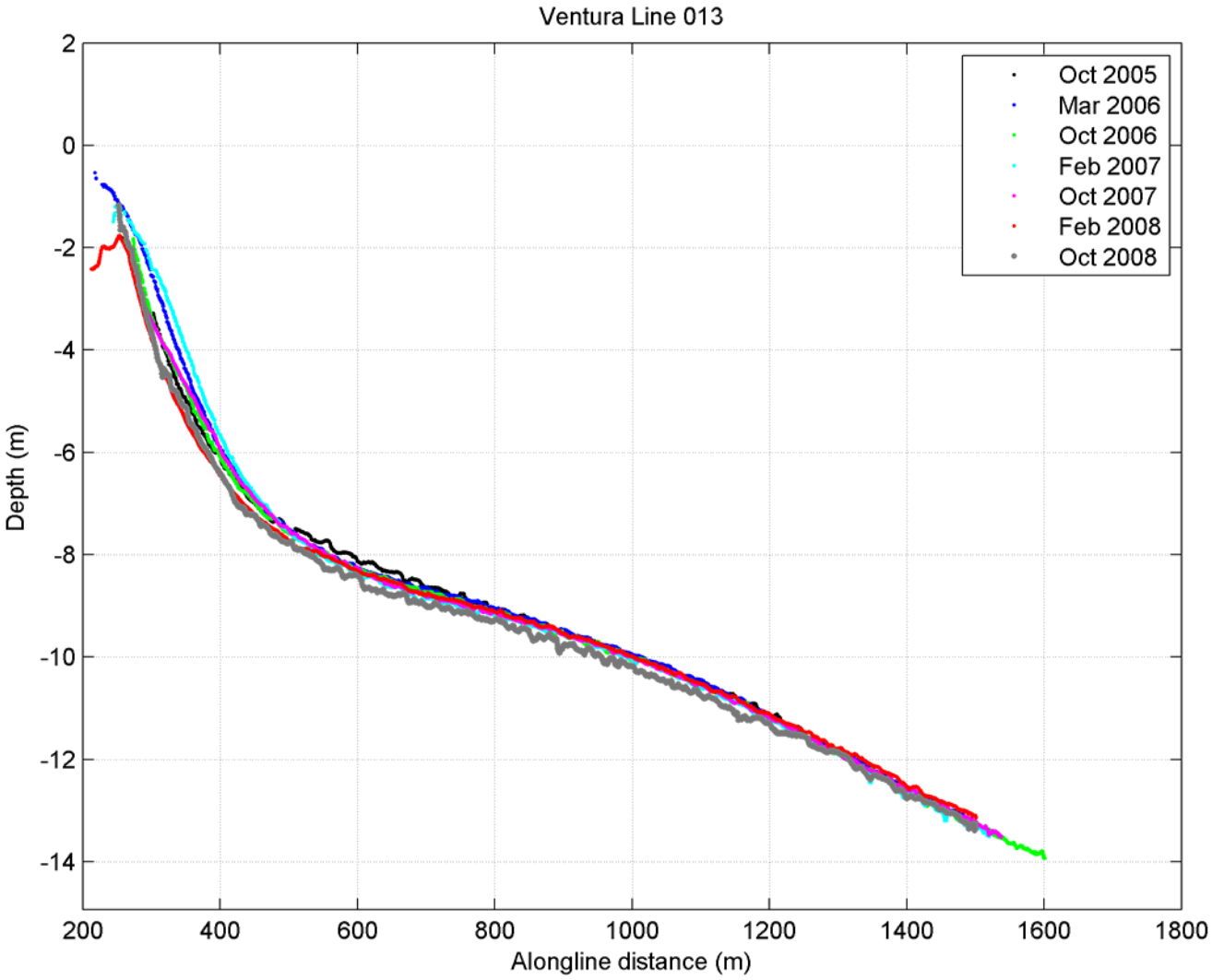

Ventura Line 008
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
-12
200
400
600
800
1000
1200
1400
1600

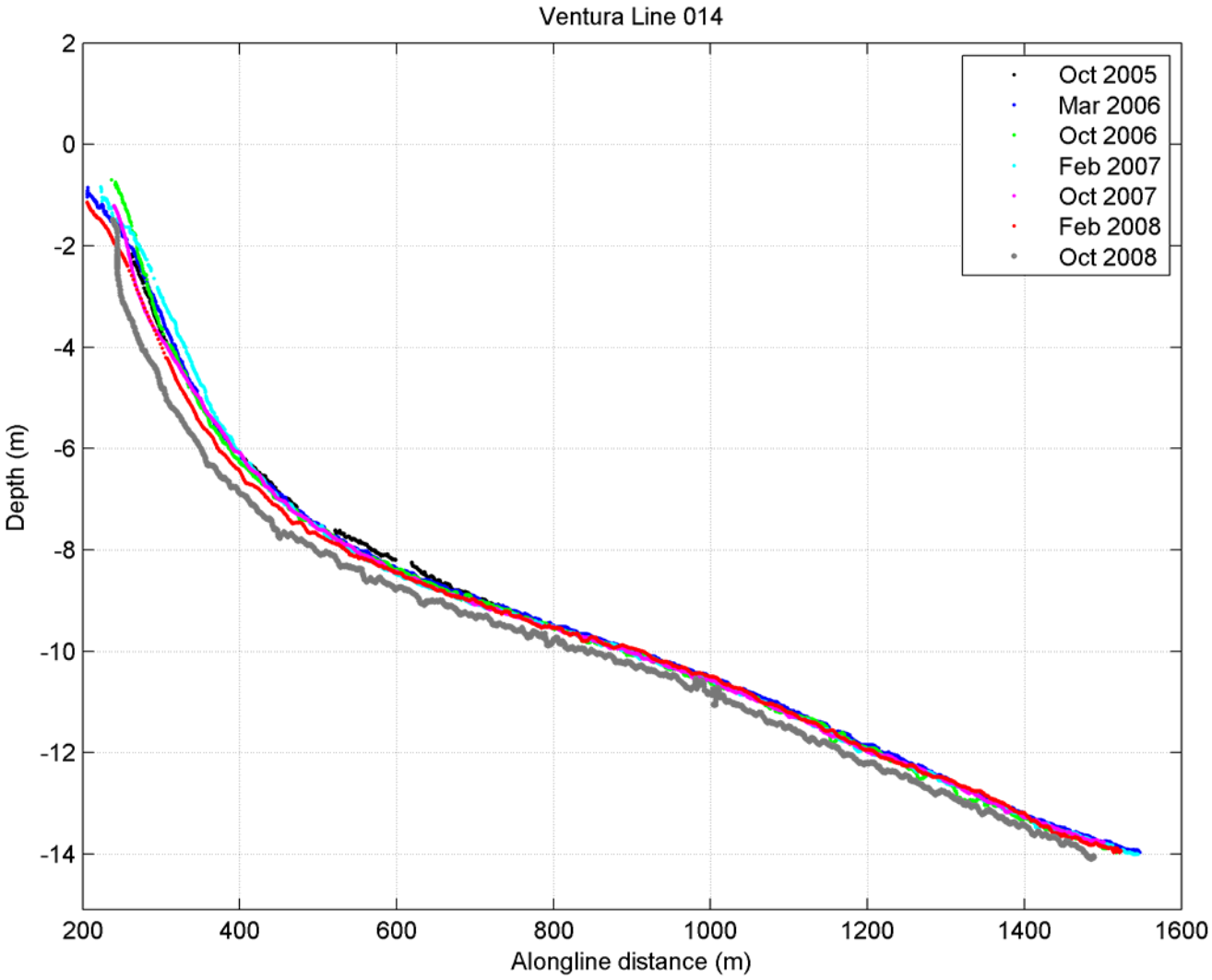

Ventura Line 009
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
-12
200
400
600
800
1000
1200
1400
1600
1800

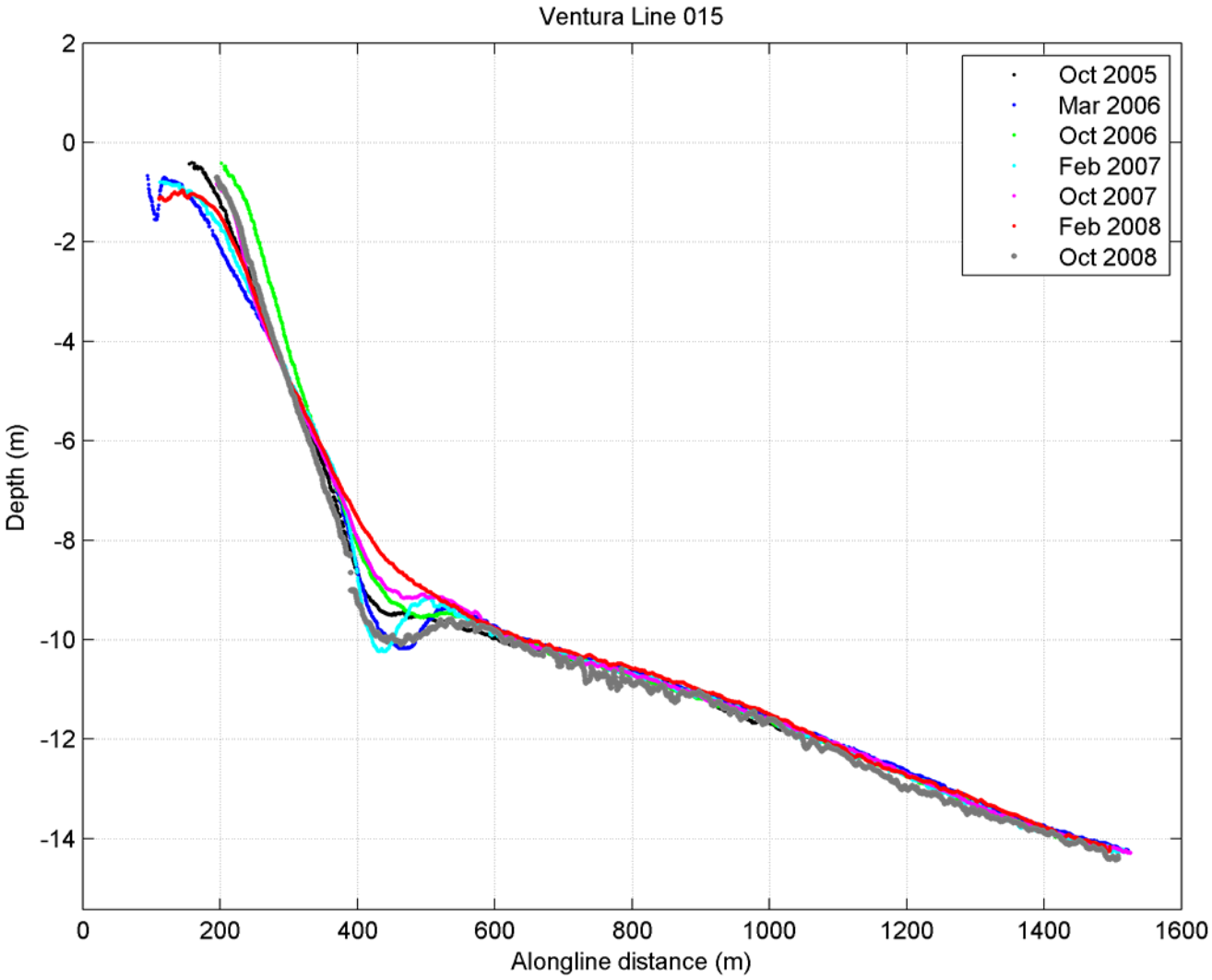

Ventura Line 010
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
-12
200
400
600
800
1000
1200
1400
1600

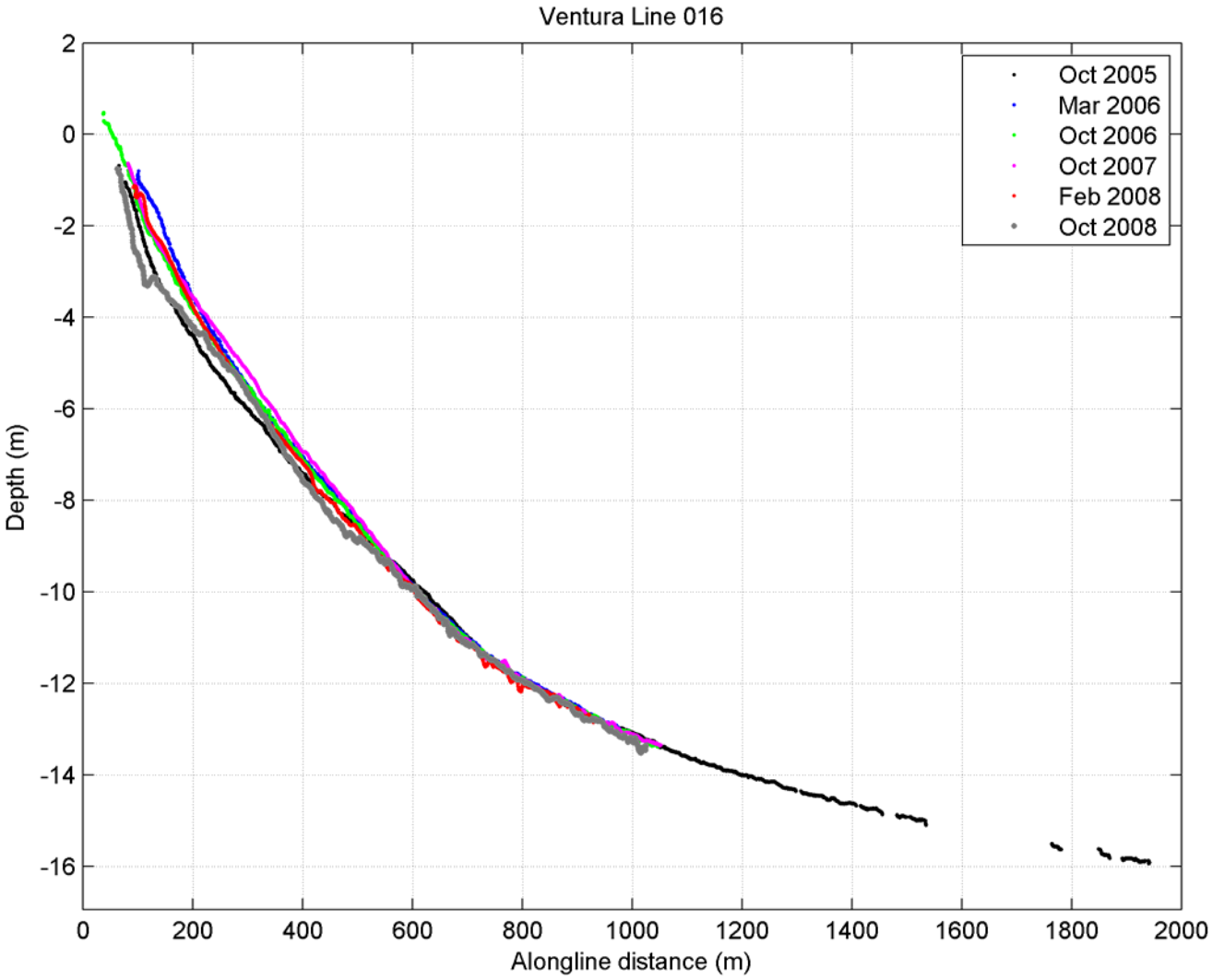

Ventura Line 011
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
-12
200
400
600
800
1000
1200
1400
1600

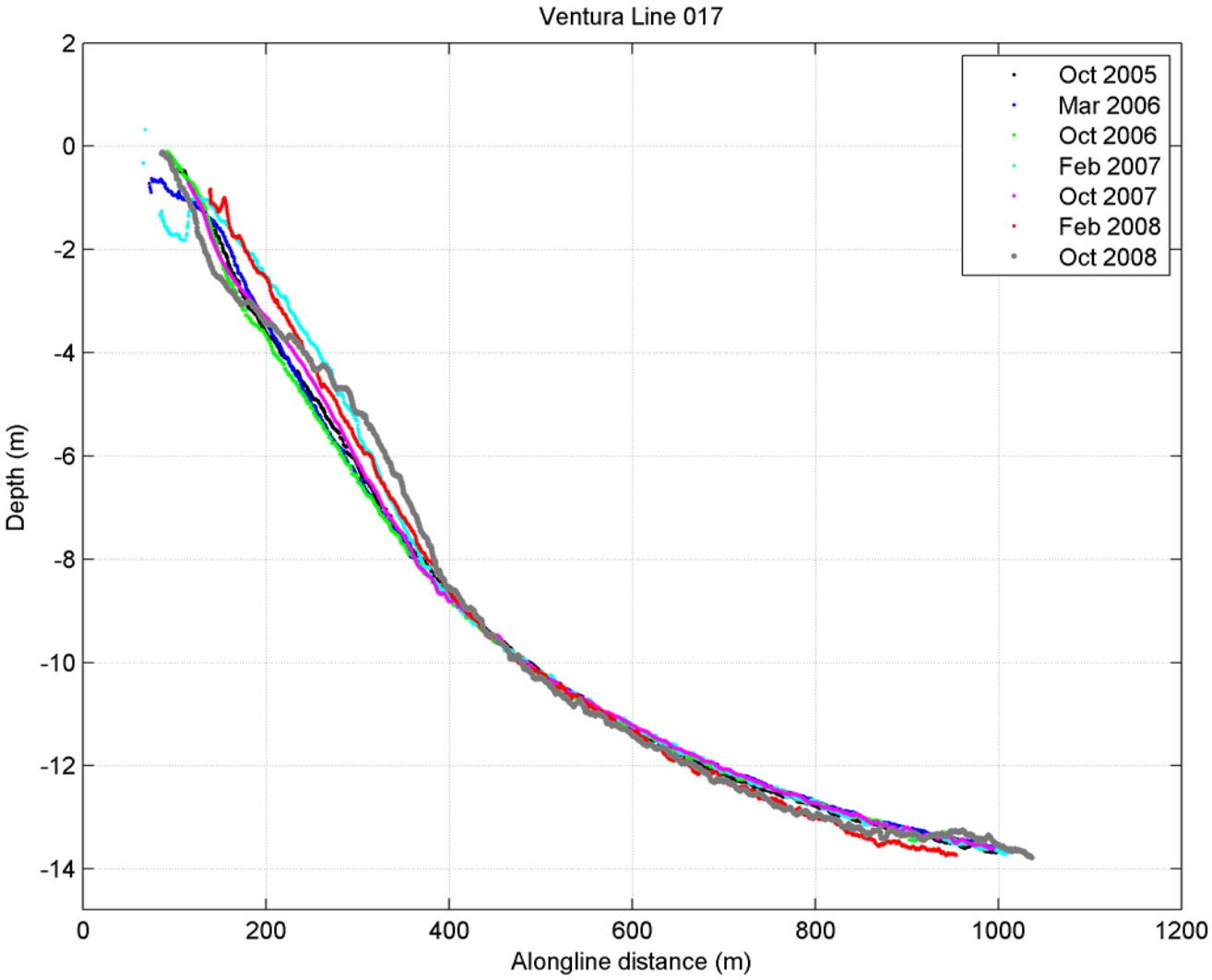

Ventura Line 012
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
-12
-14
200
400
600
800
1000
1200
1400
1600

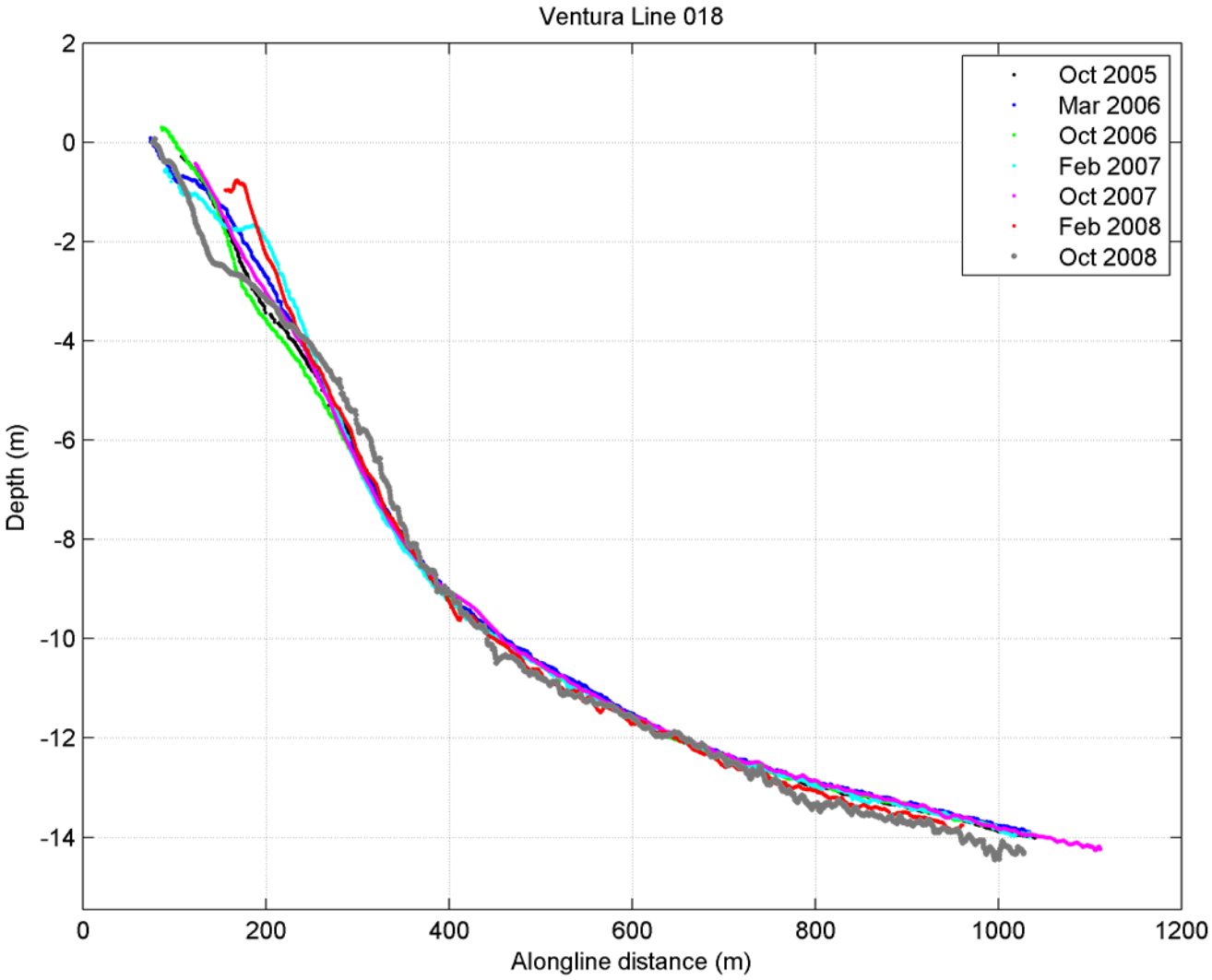

Ventura Line 013
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
-12
-14
200
400
600
800
1000
1200
1400
1600
1800

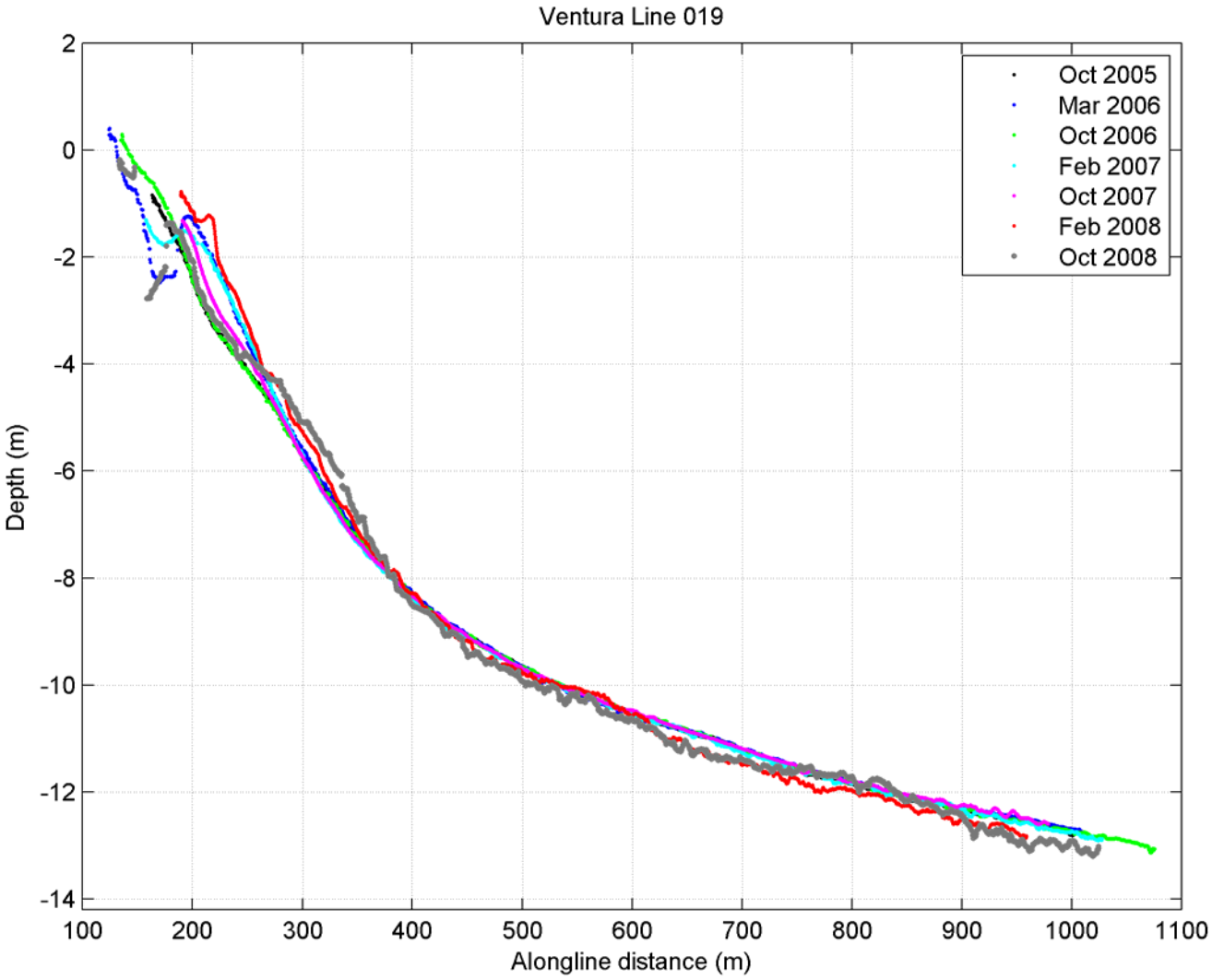

Ventura Line 014
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
-12
-14
200
400
600
800
1000
1200
1400
1600

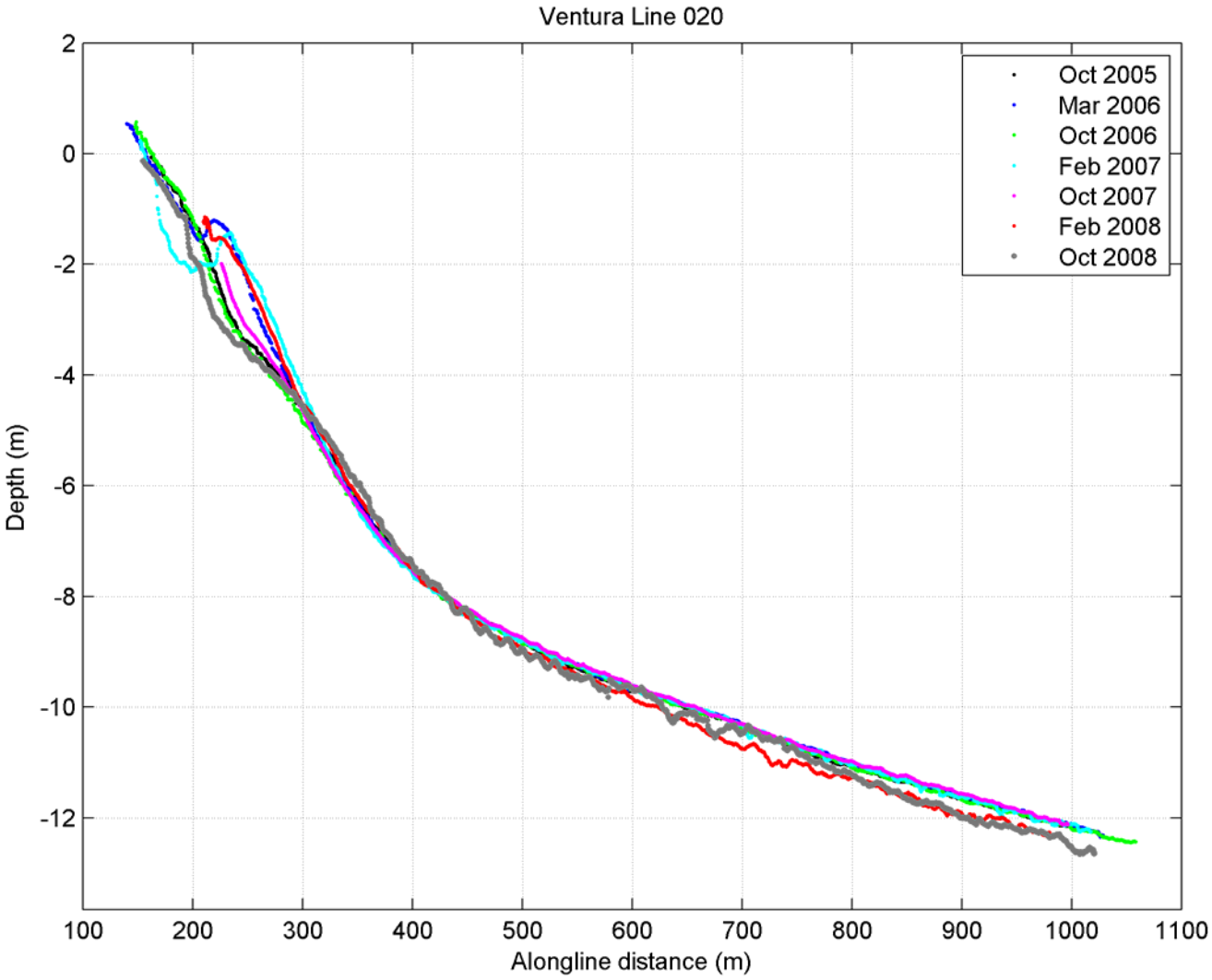

Ventura Line 015
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
-12
-14
0
200
400
600
800
1000
1200
1400
1600

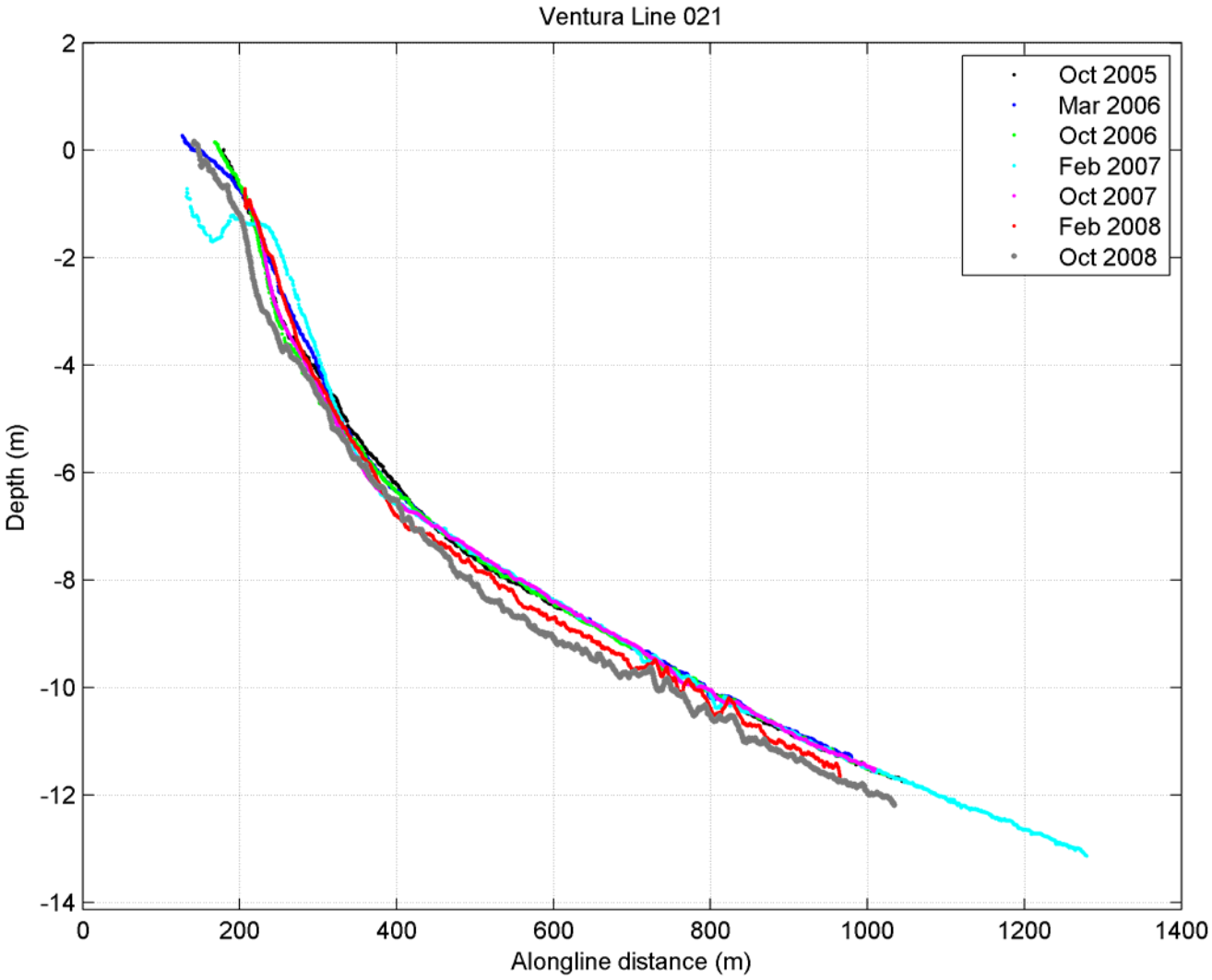

Ventura Line 016
Oct 2005
Mar 2006
Oct 2006
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
-12
-14
-16
0
200
400
600
800
1000
1200
1400
1600
1800
2000

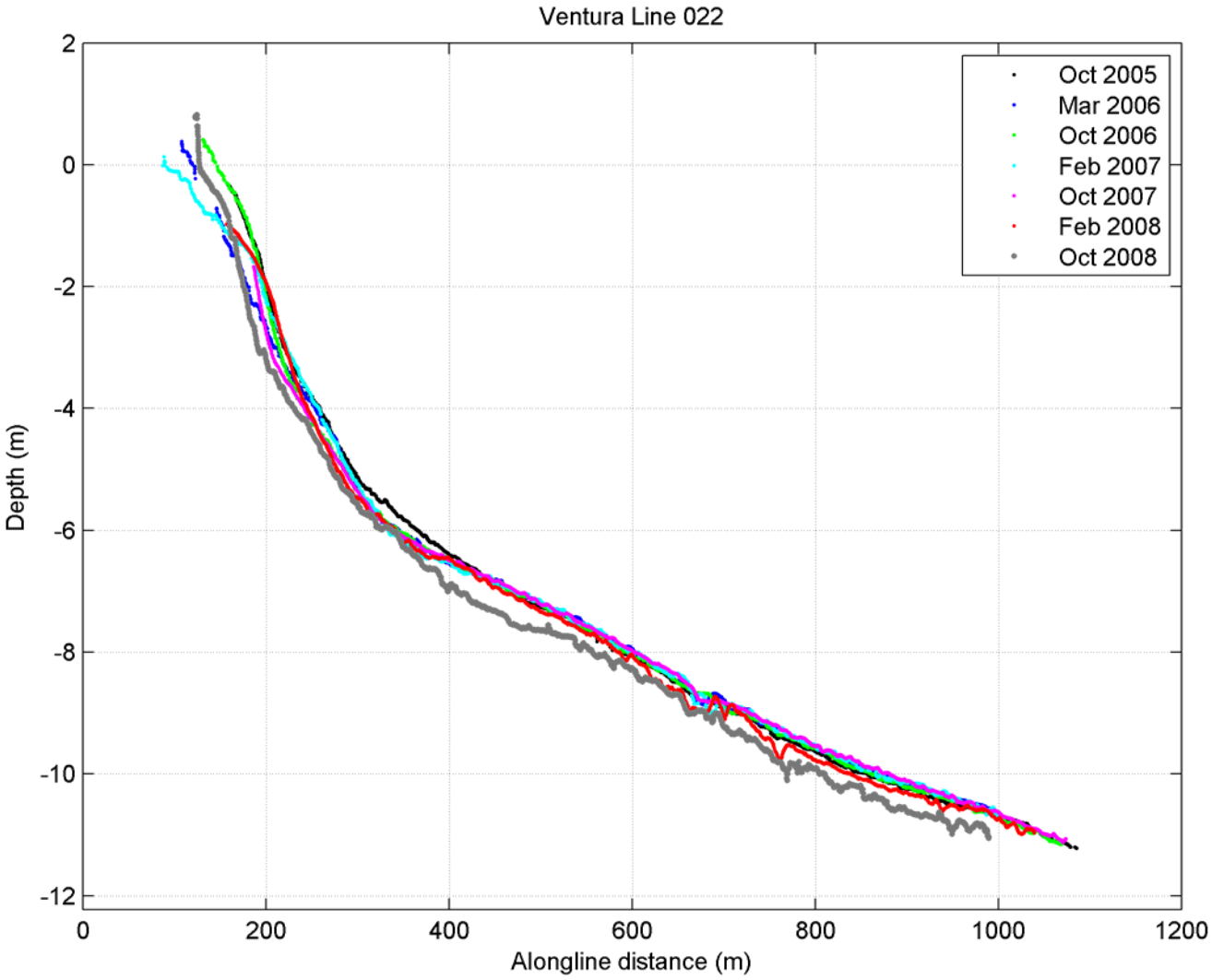

Ventura Line 017
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
-12
-14
0
200
400
600
800
1000
1200

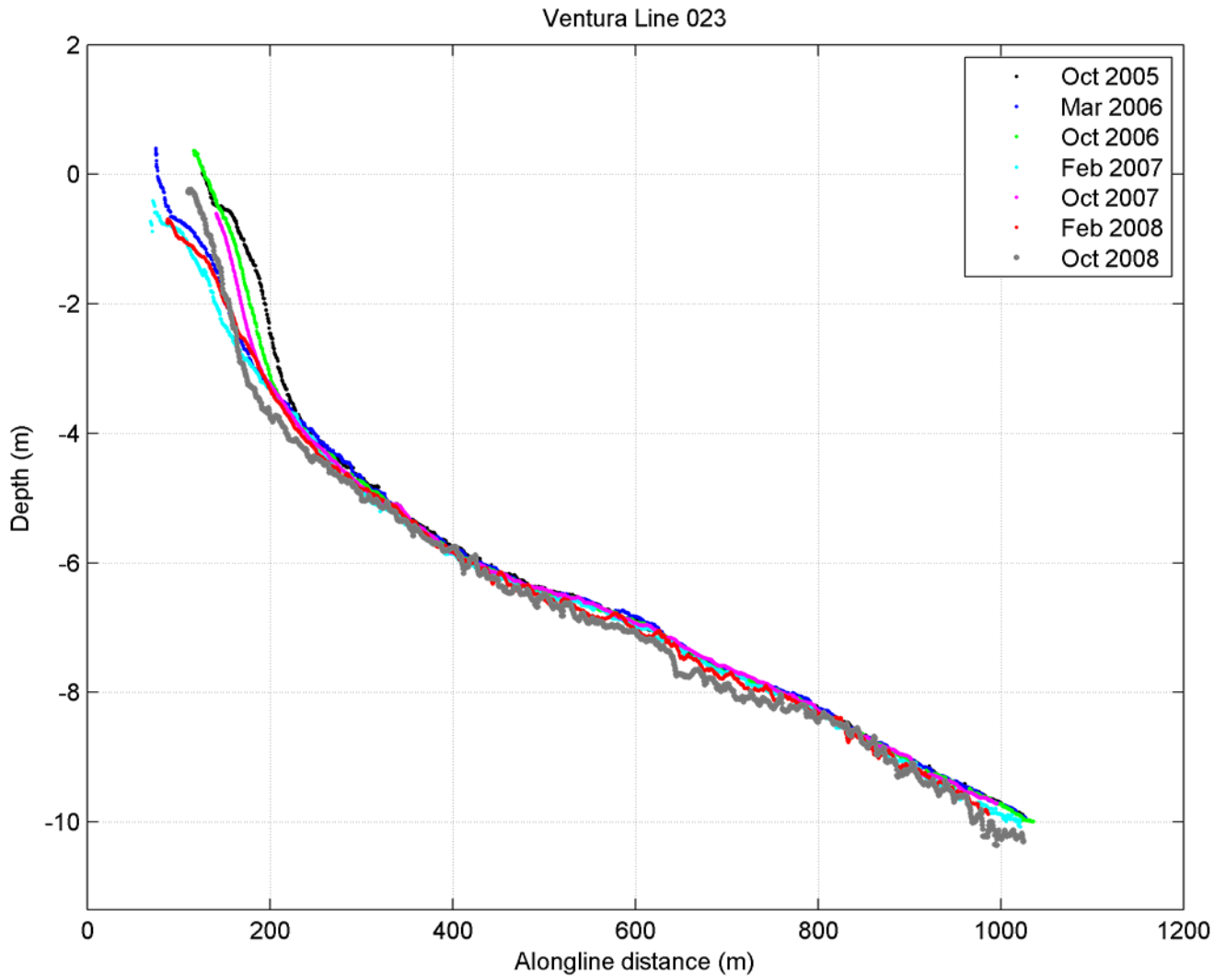

Ventura Line 018
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
-12
-14
0
200
400
600
800
1000
1200

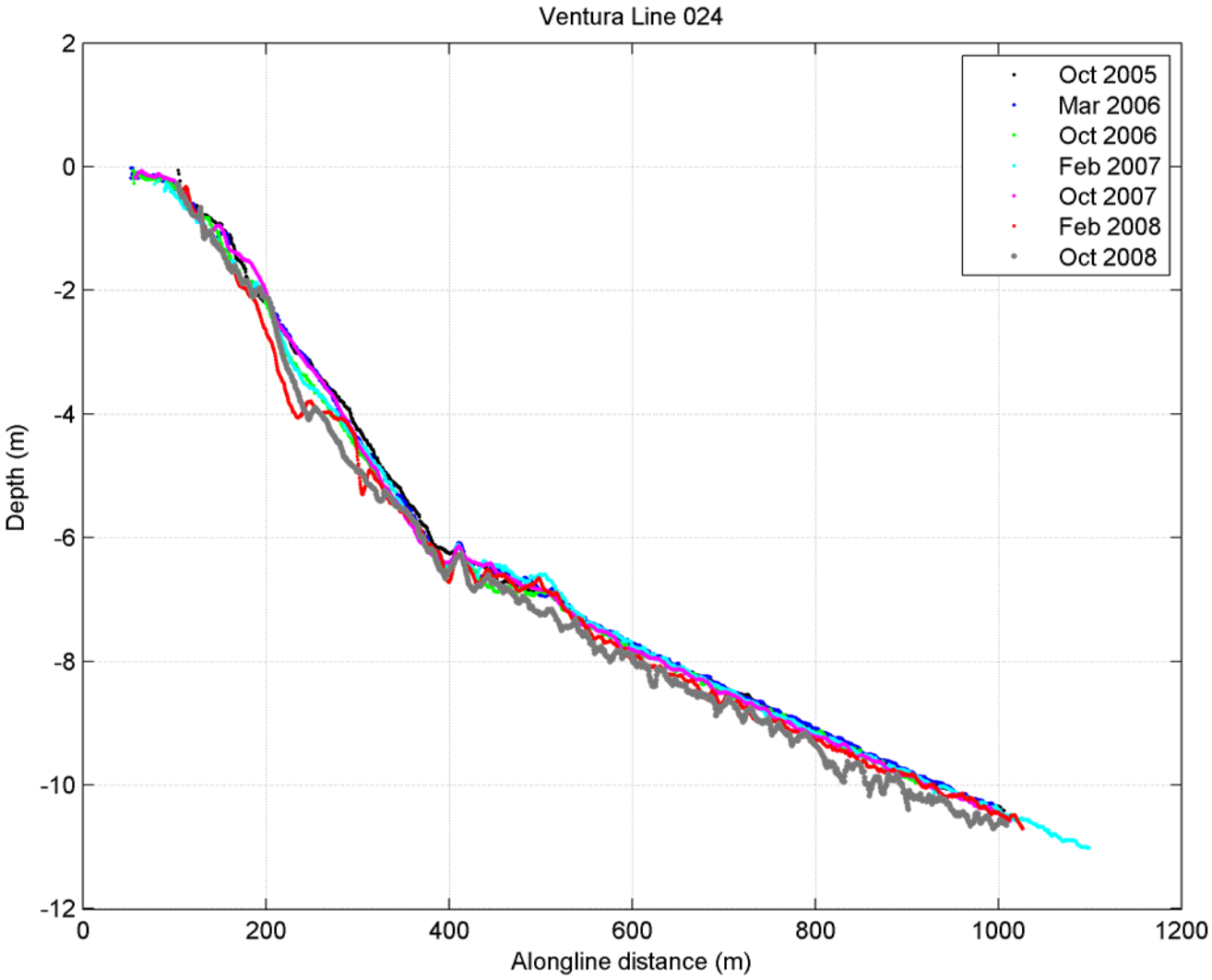

Ventura Line 019
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
-12
-14
100
200
300
400
500
600
700
800
900
1000
1100

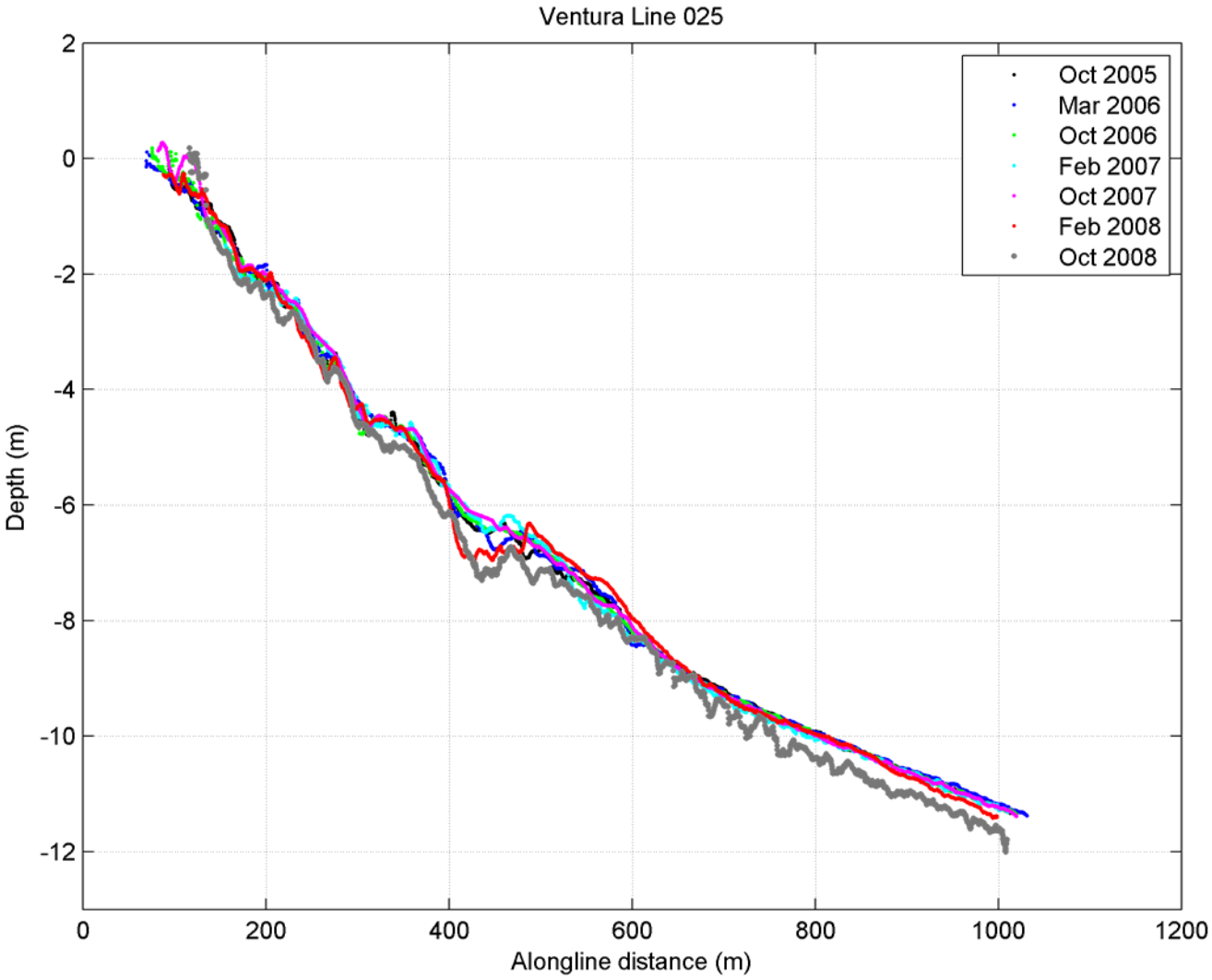

Ventura Line 020
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
-12
100
200
300
400
500
600
700
800
900
1000
1100

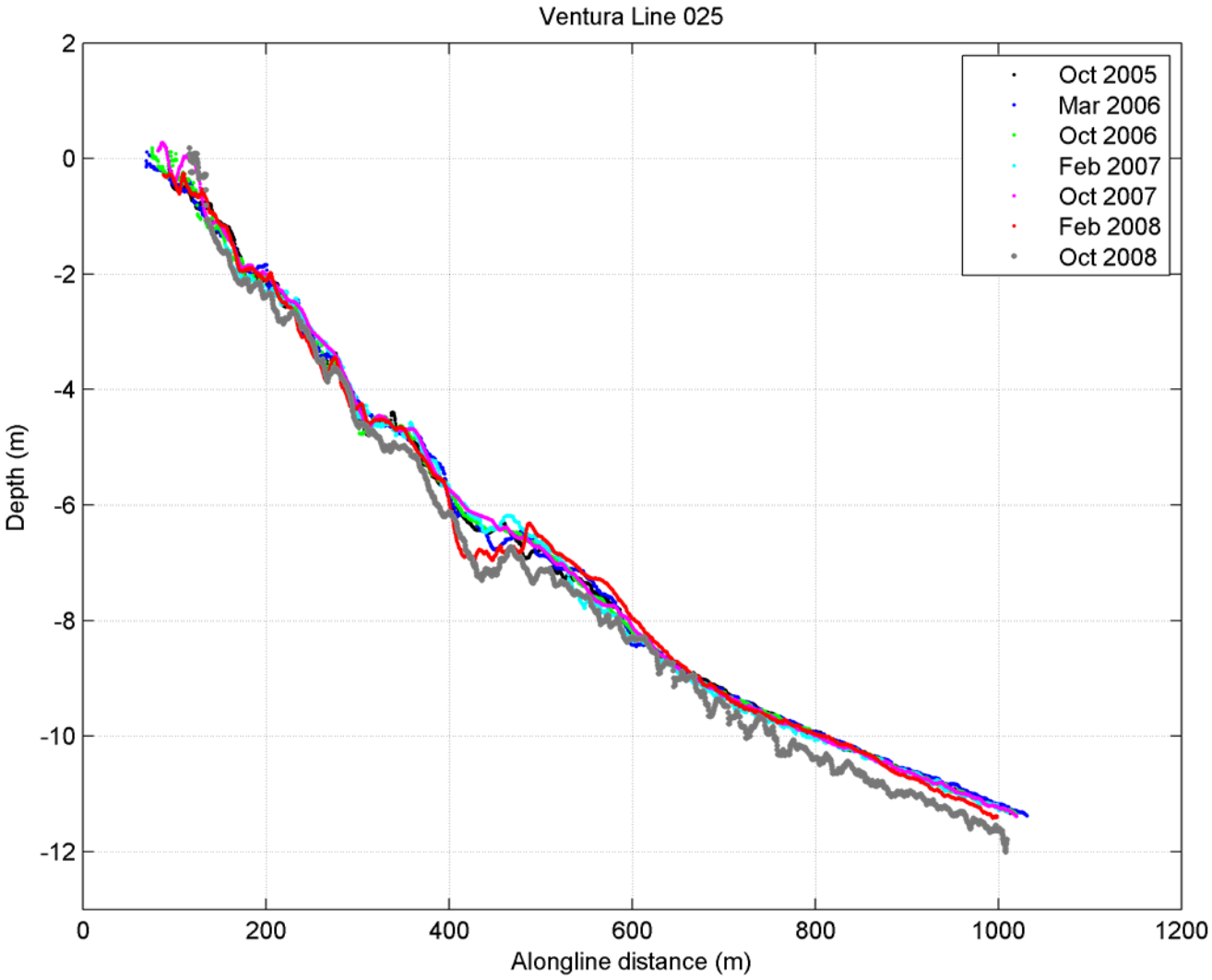

Ventura Line 021
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
-12
-14
0
200
400
600
800
1000
1200
1400

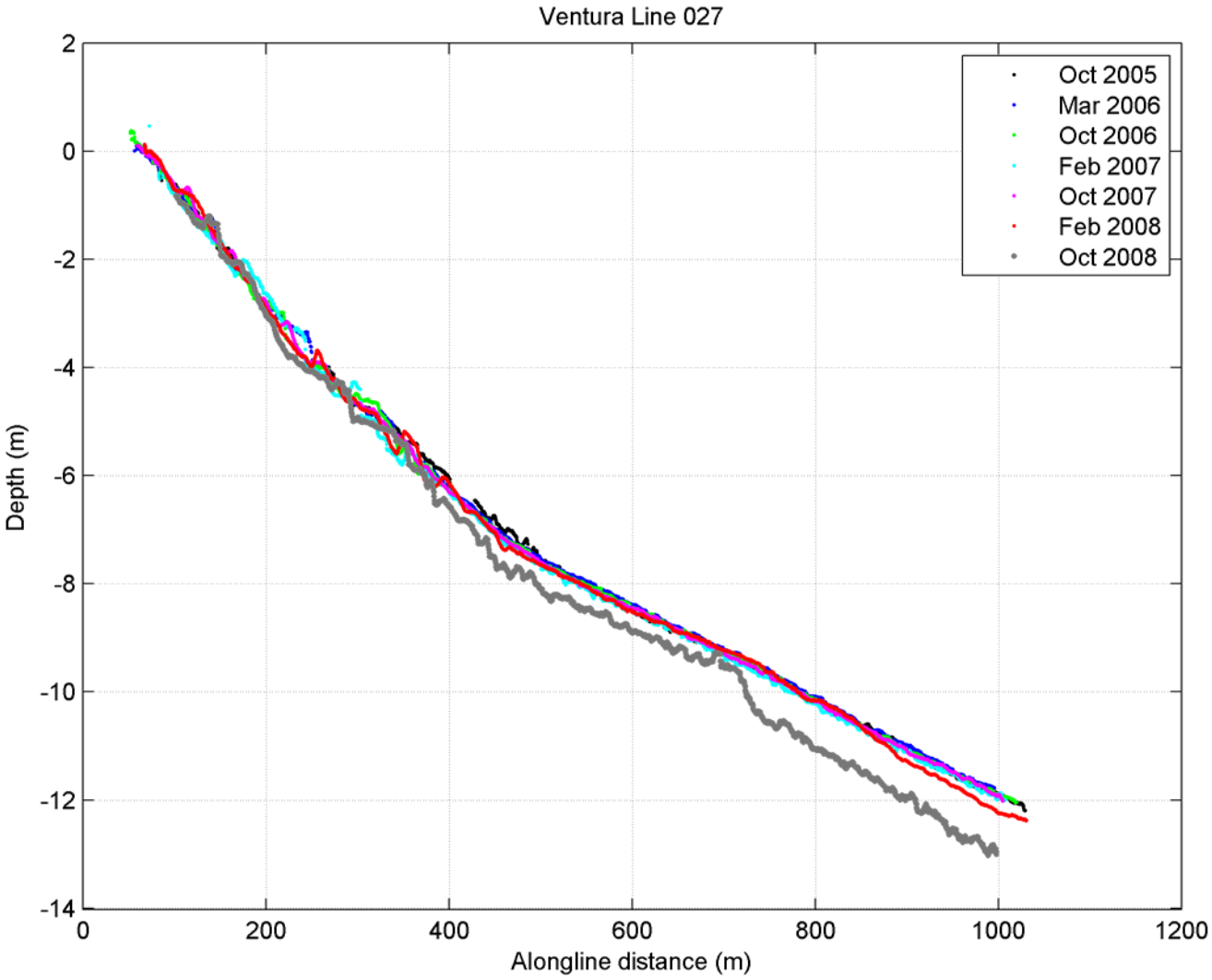

Ventura Line 022
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
-12
0
200
400
600
800
1000
1200

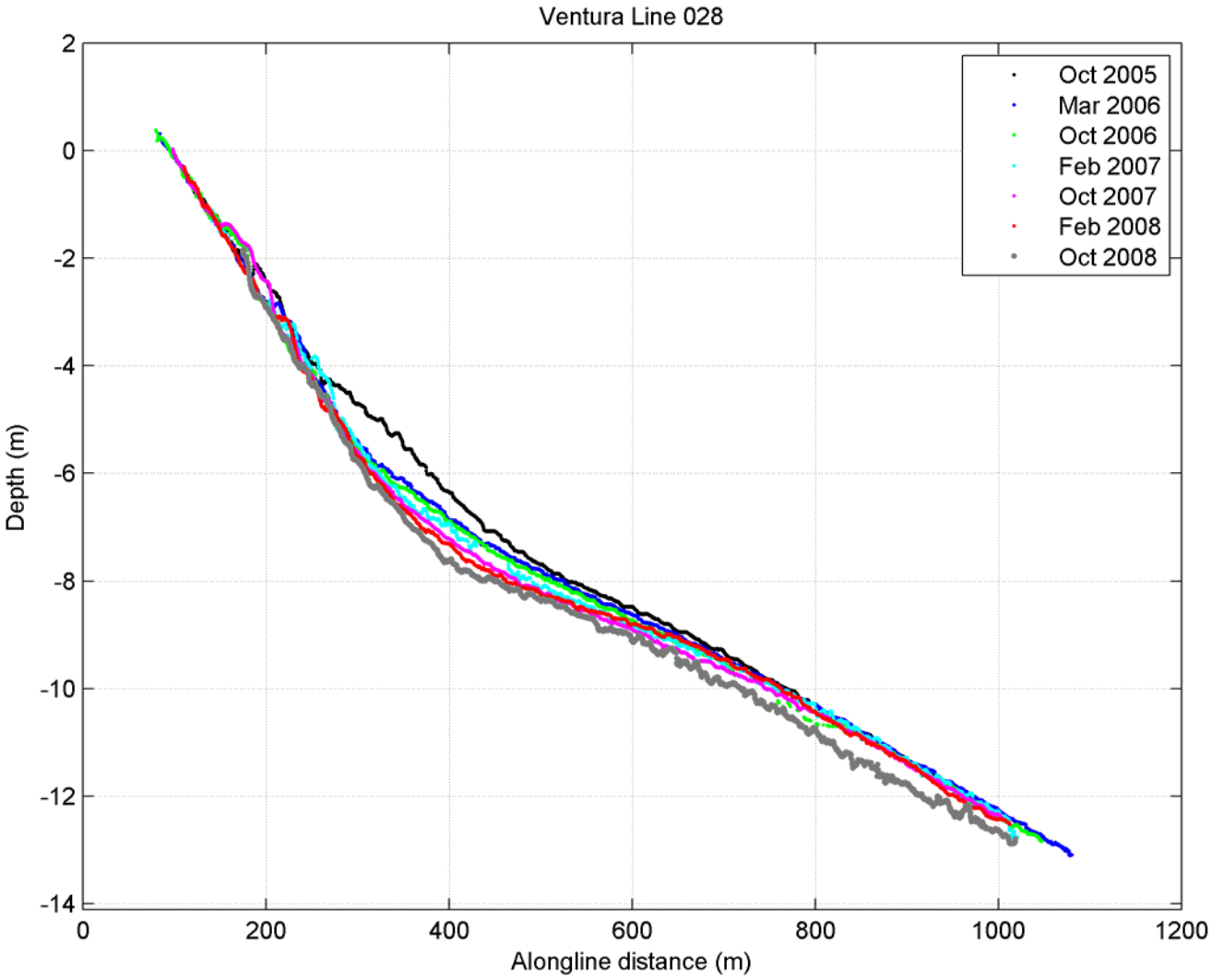

Ventura Line 023
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
0
200
400
600
800
1000
1200

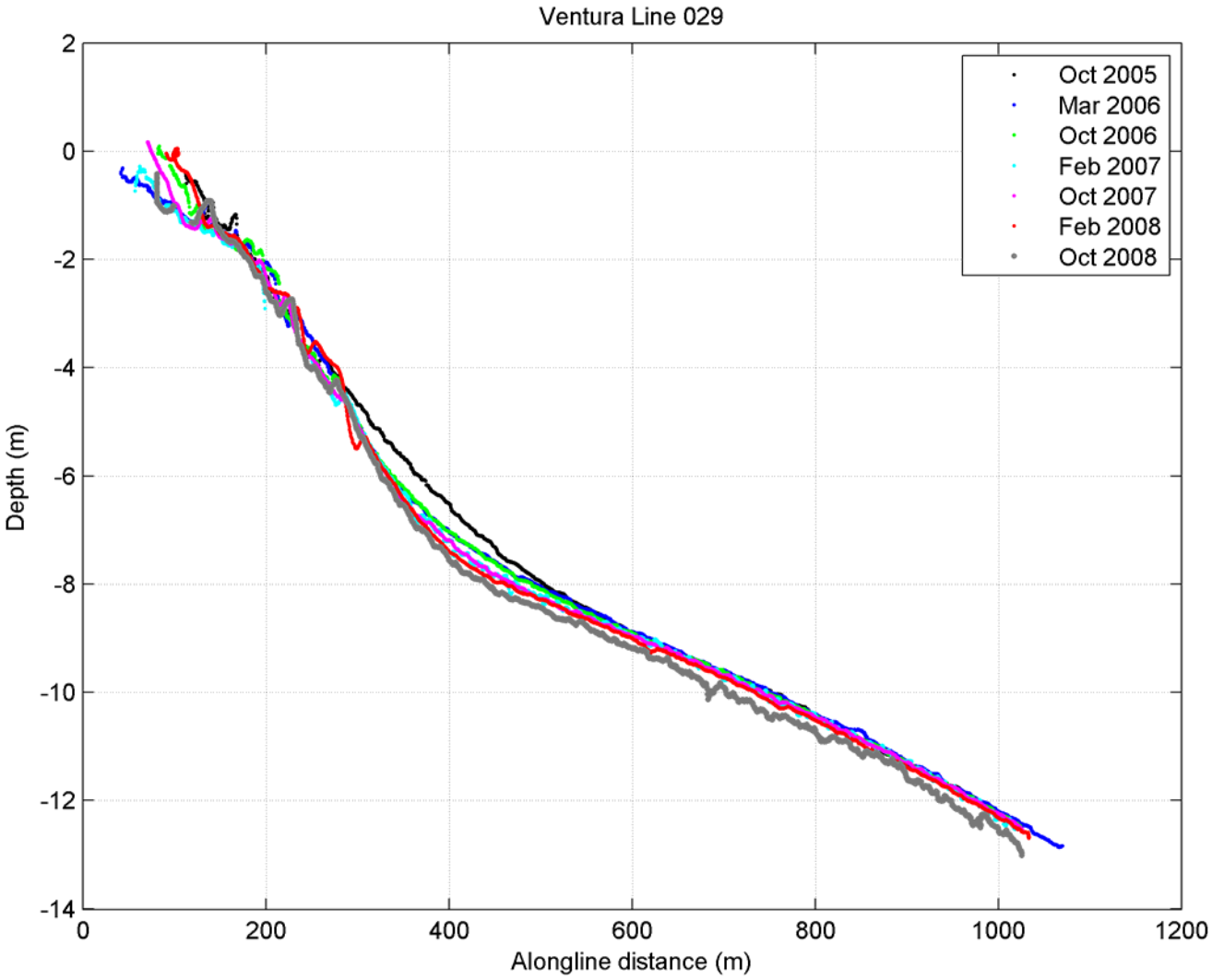

Ventura Line 024
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
-12
0
200
400
600
800
1000
1200

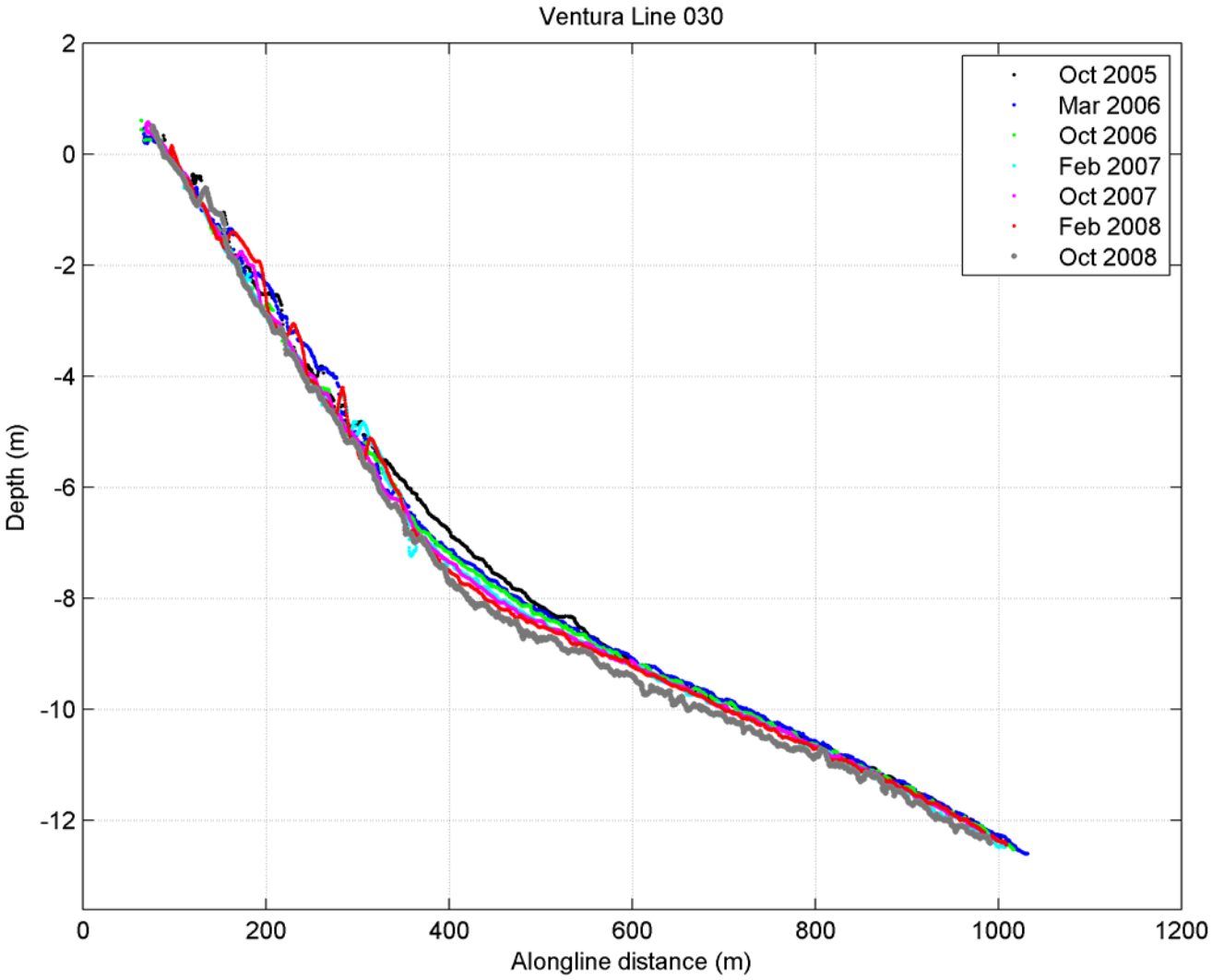

Ventura Line 025
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
-12
0
200
400
600
800
1000
1200

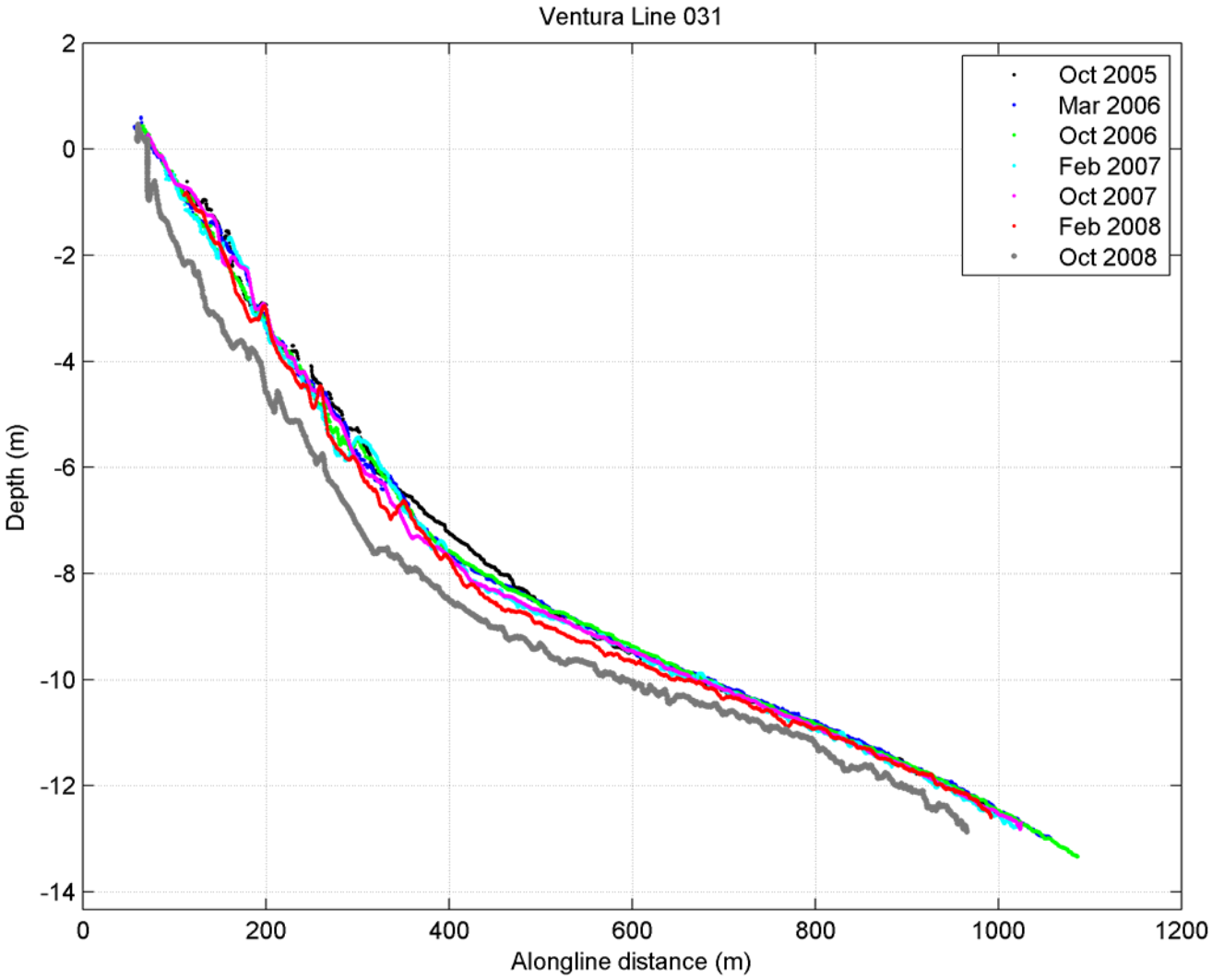

Ventura Line 025
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
-12
0
200
400
600
800
1000
1200

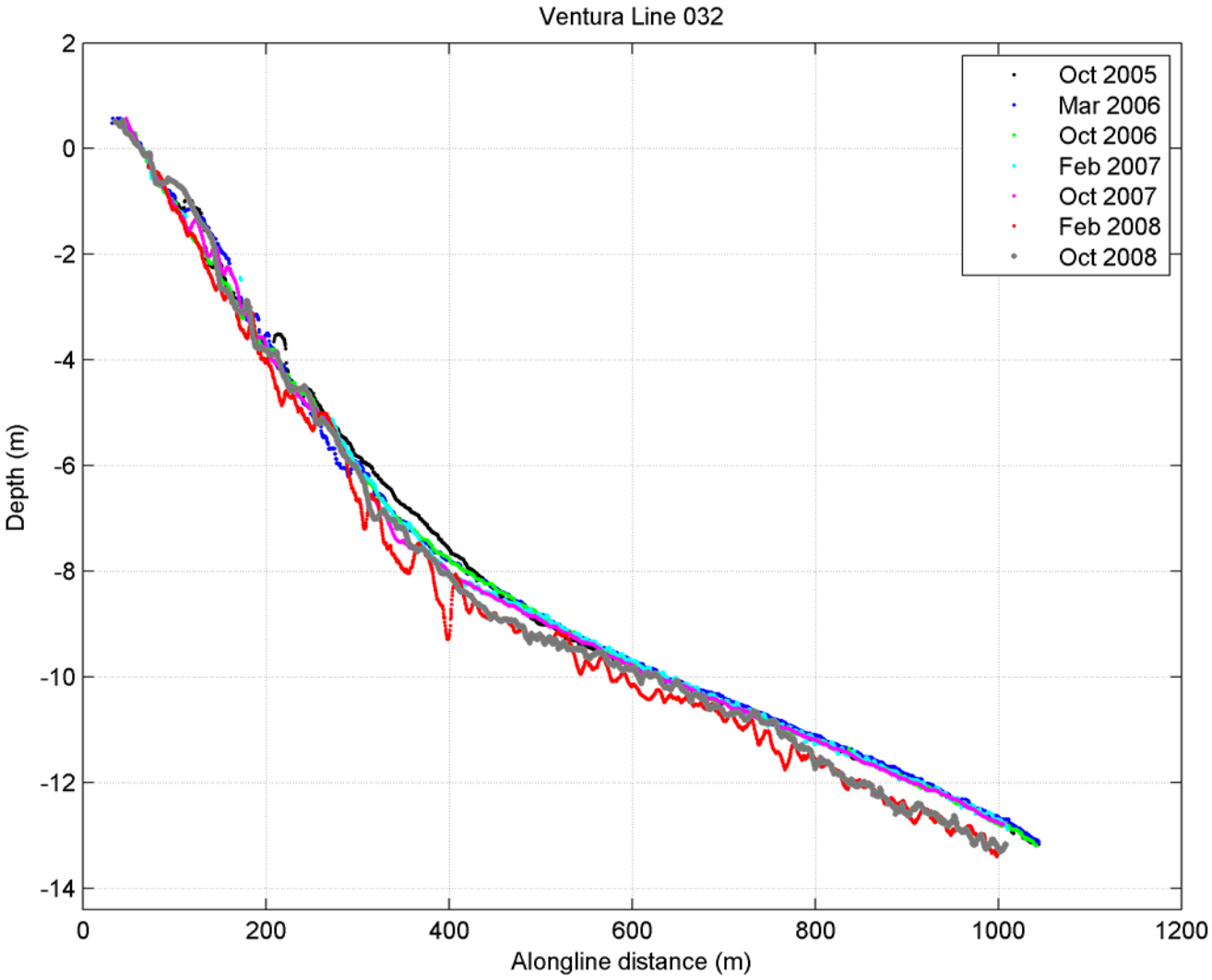

Ventura Line 027
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
-12
-14
0
200
400
600
800
1000
1200

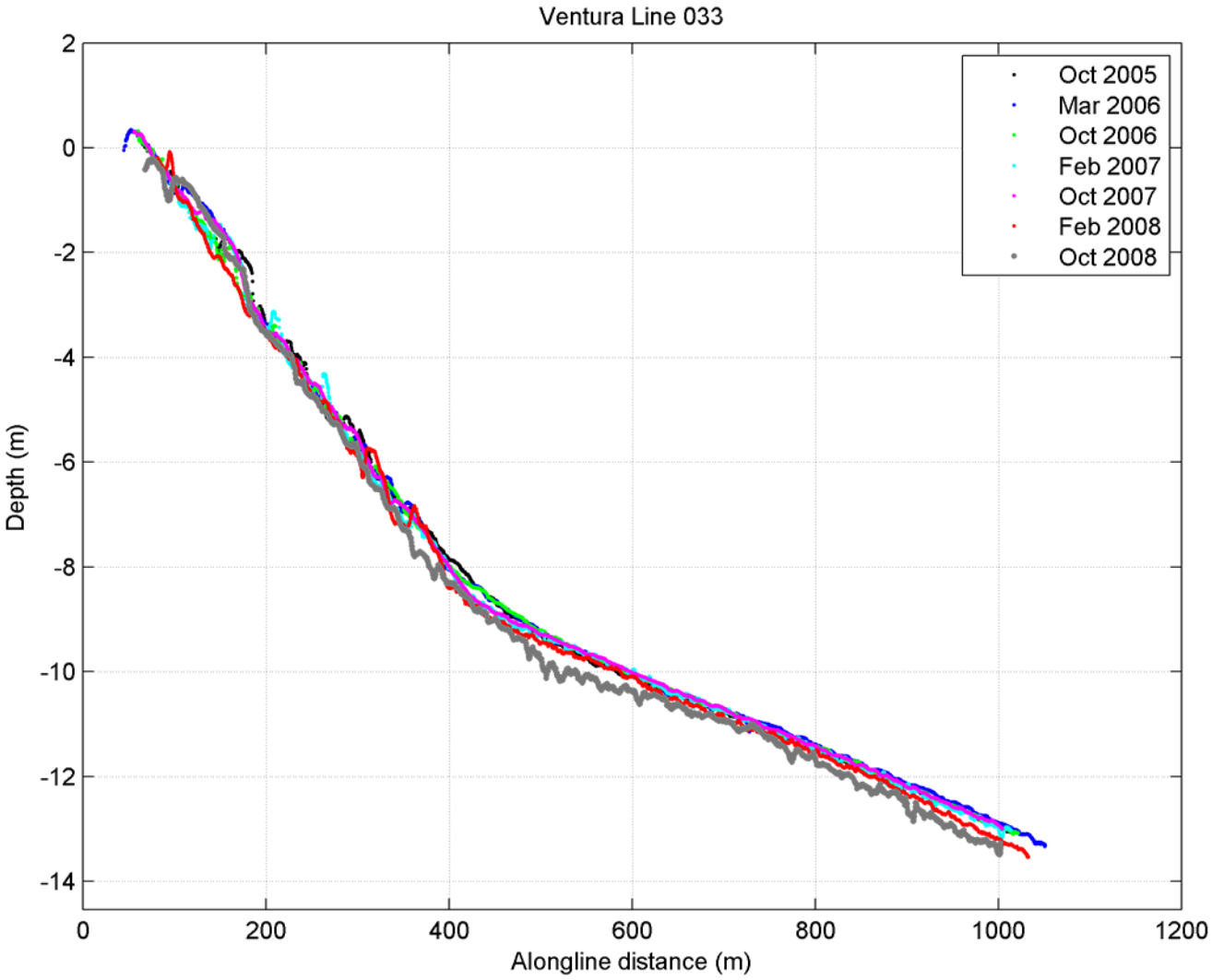

Ventura Line 028
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
-12
-14
0
200
400
600
800
1000
1200

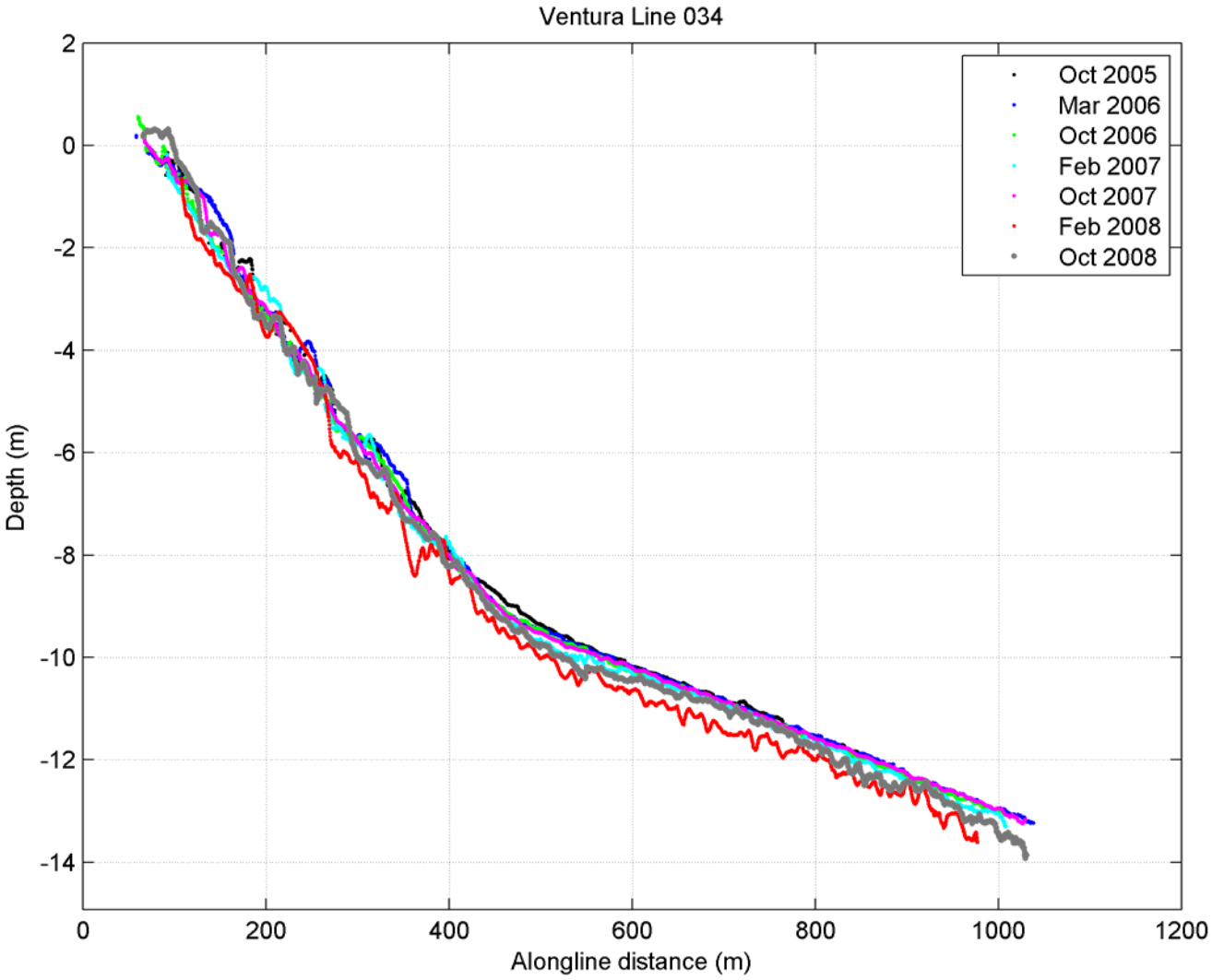

Ventura Line 029
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
-12
-14
0
200
400
600
800
1000
1200

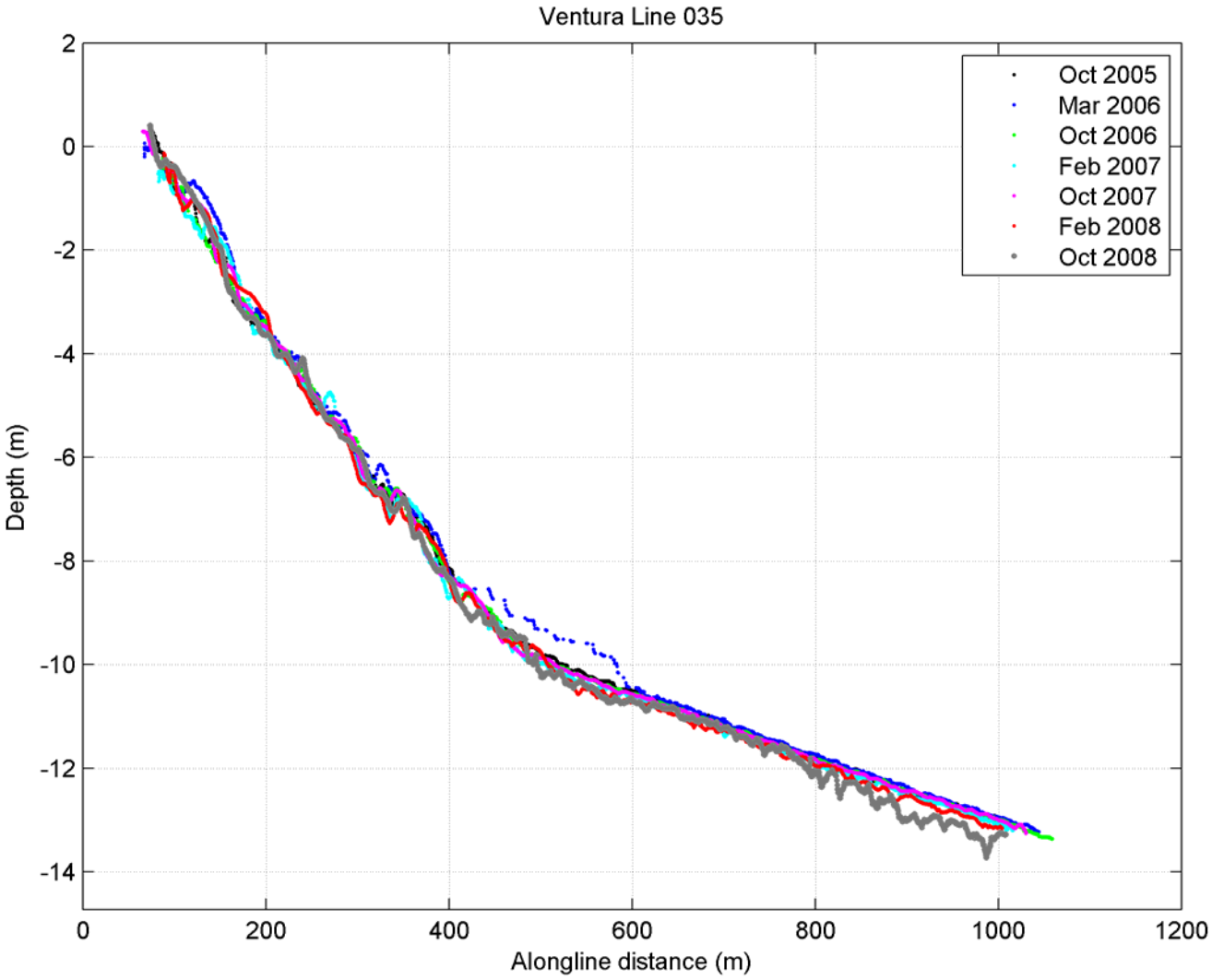

Ventura Line 030
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
-12
0
200
400
600
800
1000
1200

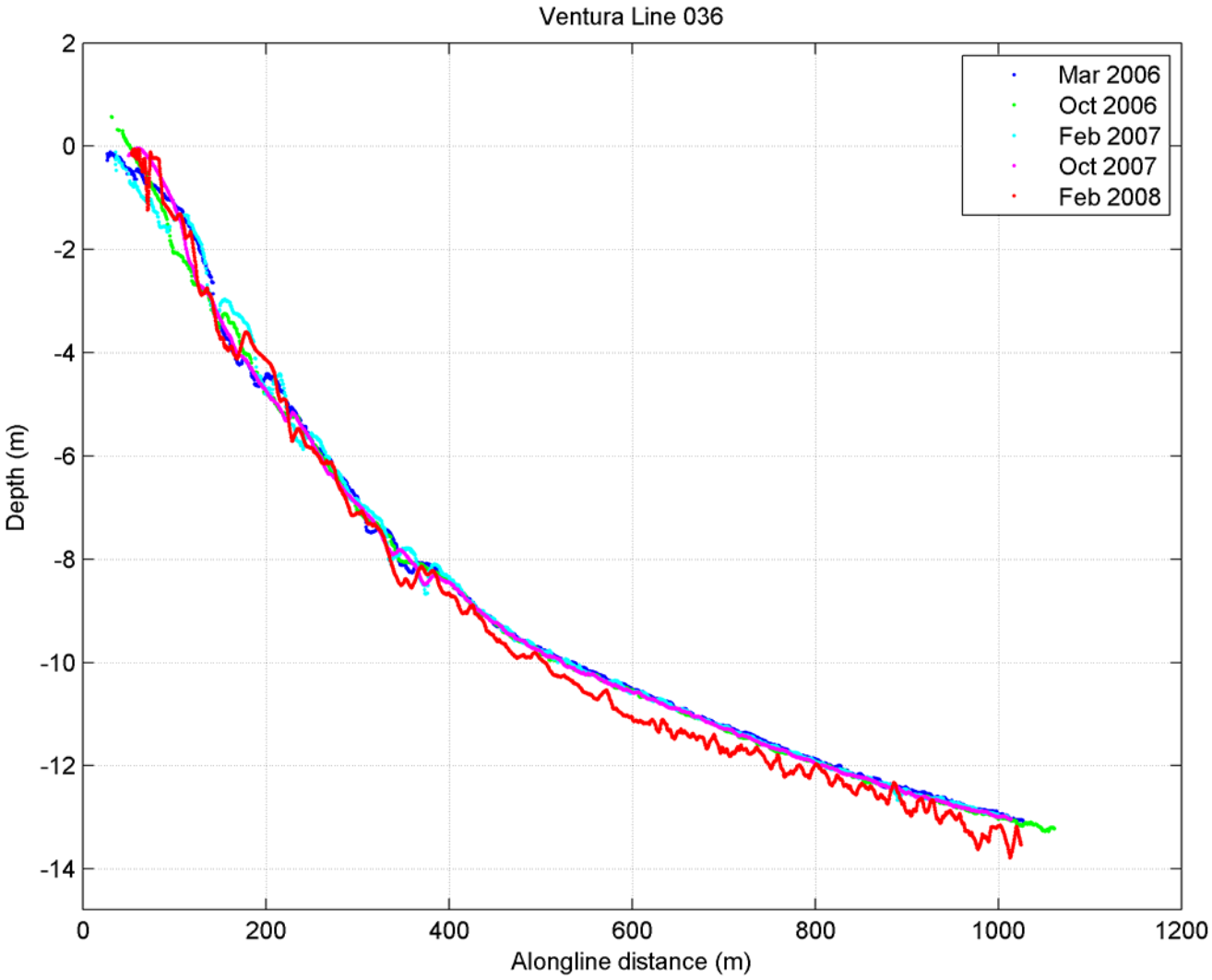

Ventura Line 031
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
-12
-14
0
200
400
600
800
1000
1200

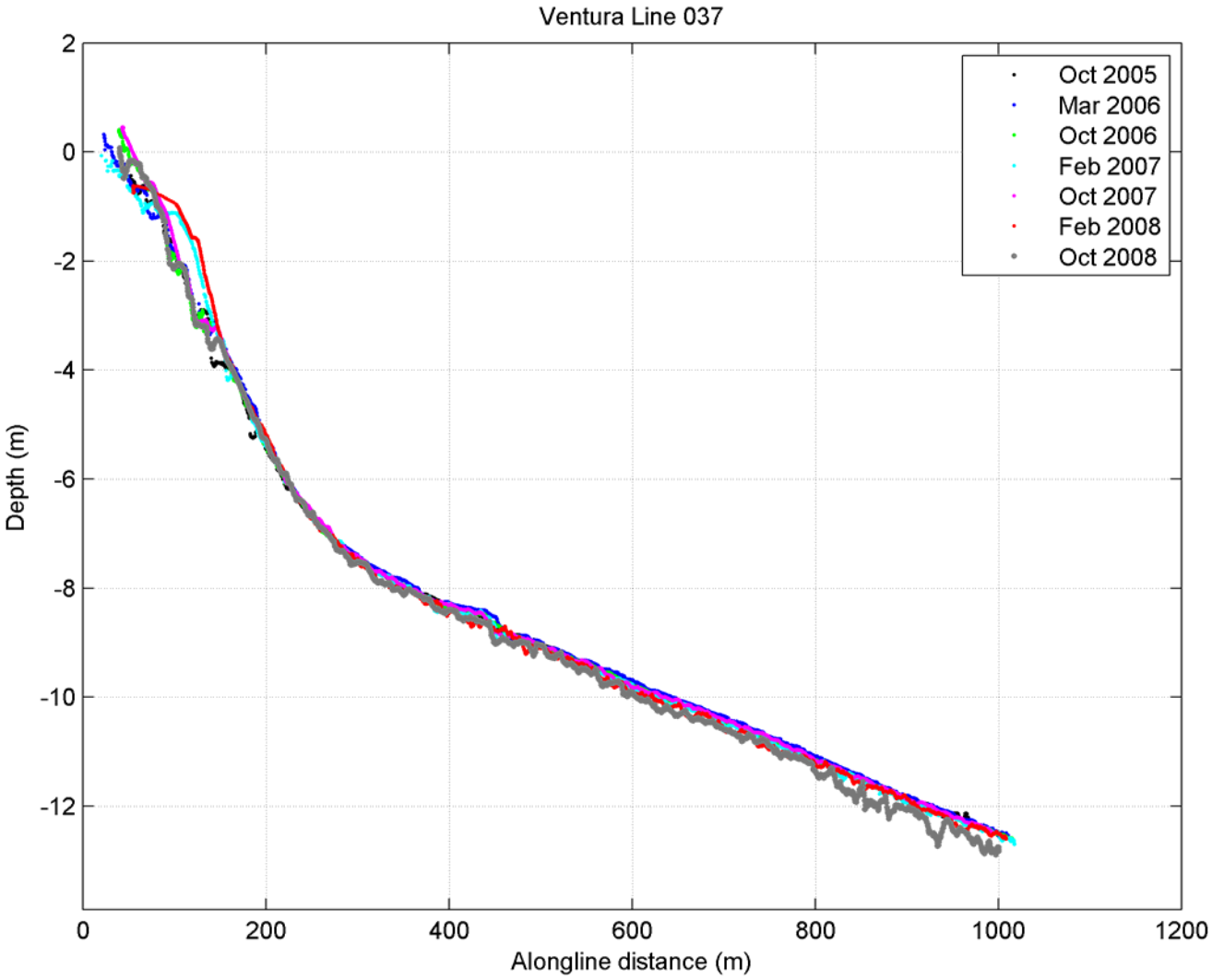

Ventura Line 032
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
-12
-14
0
200
400
600
800
1000
1200

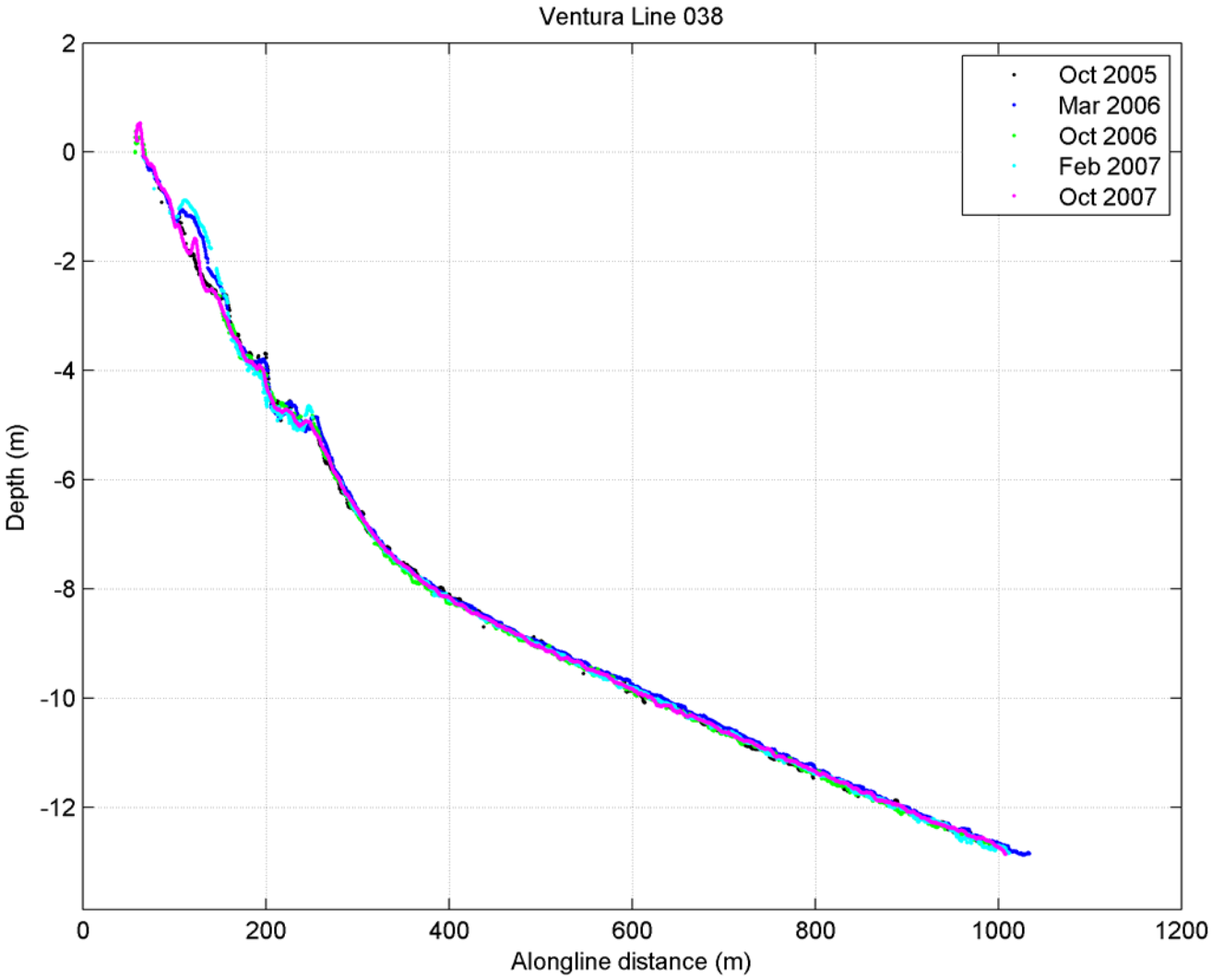

Ventura Line 033
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
-12
-14
0
200
400
600
800
1000
1200

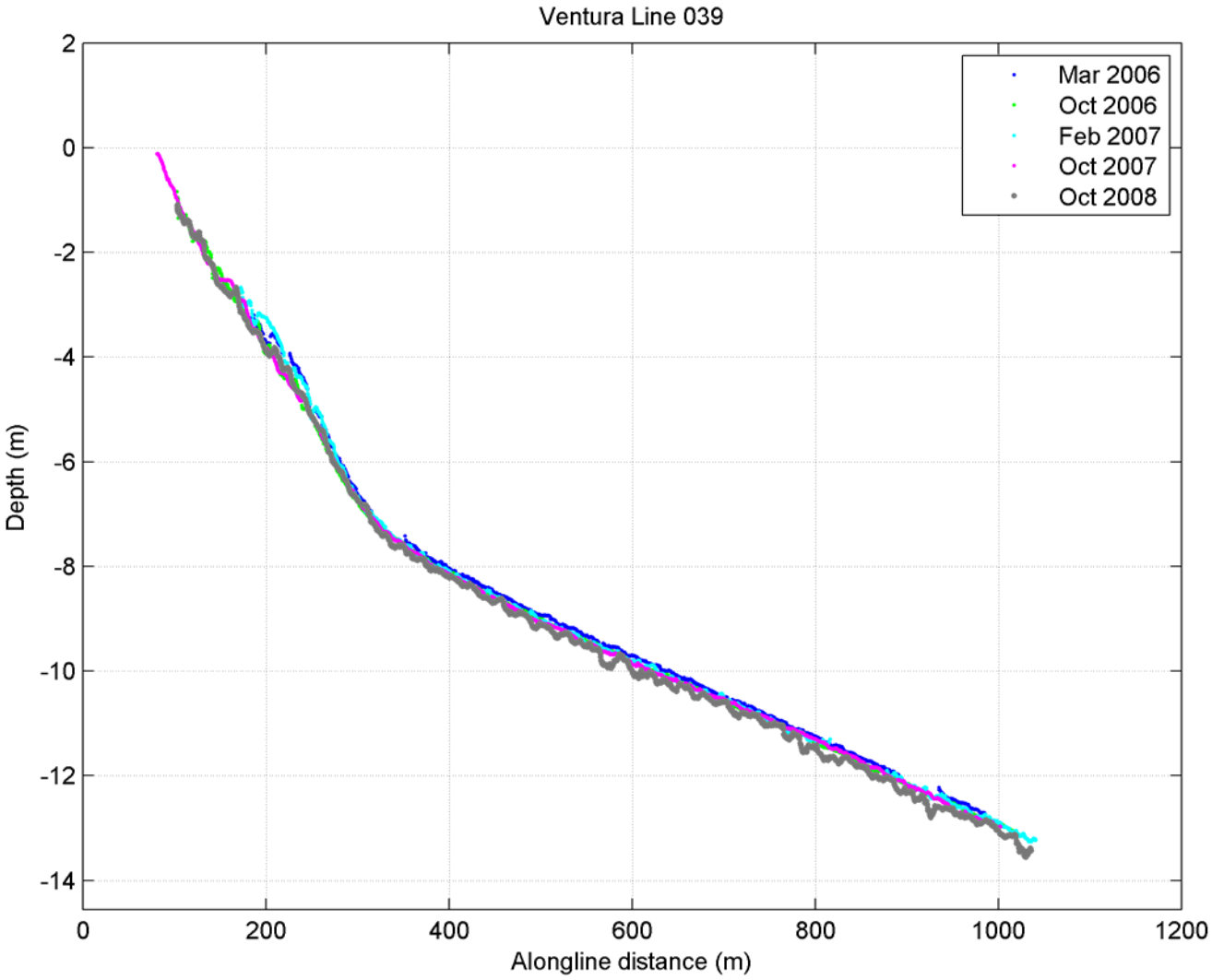

Ventura Line 034
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
-12
-14
0
200
400
600
800
1000
1200

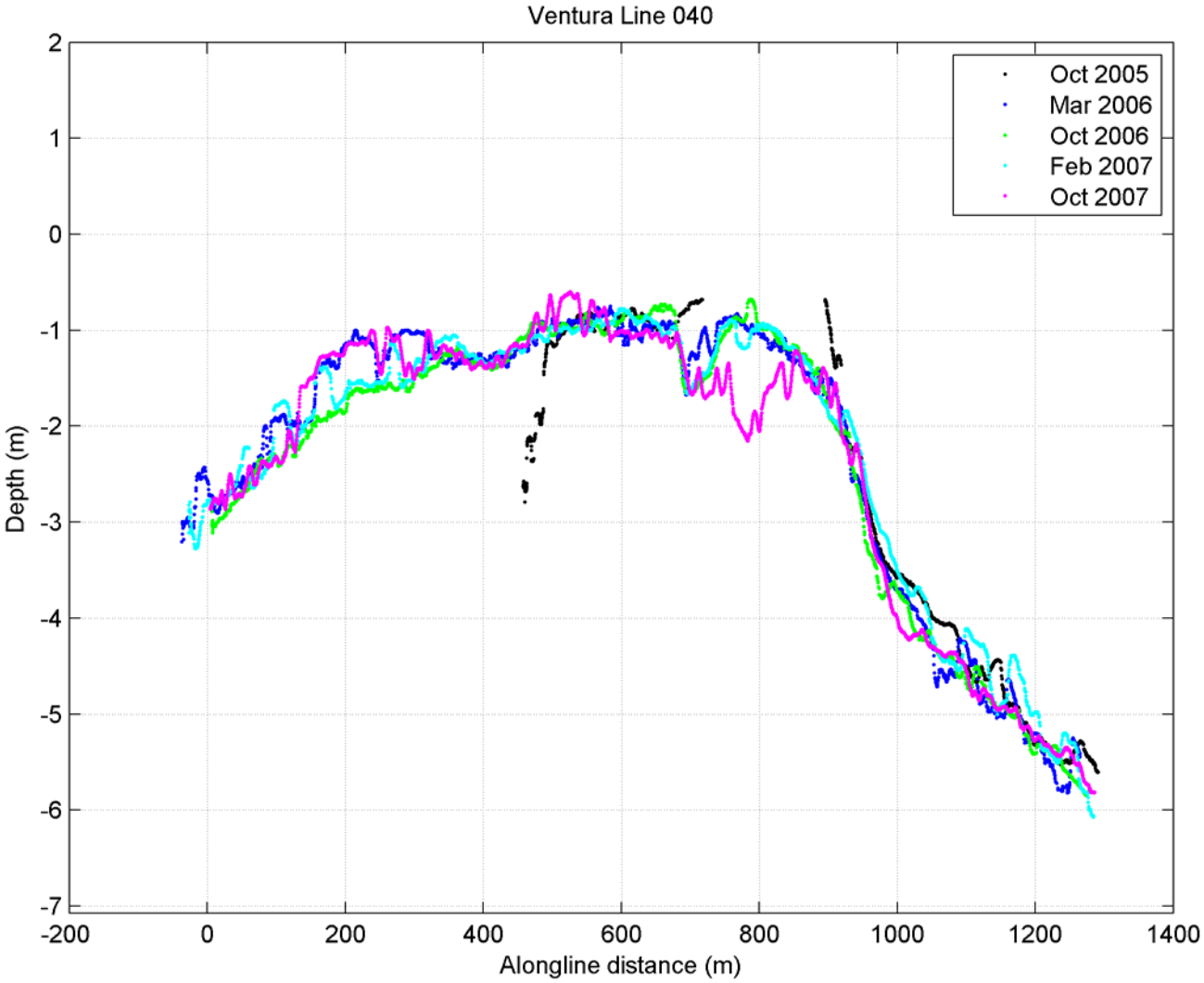

Ventura Line 035
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
-12
-14
0
200
400
600
800
1000
1200

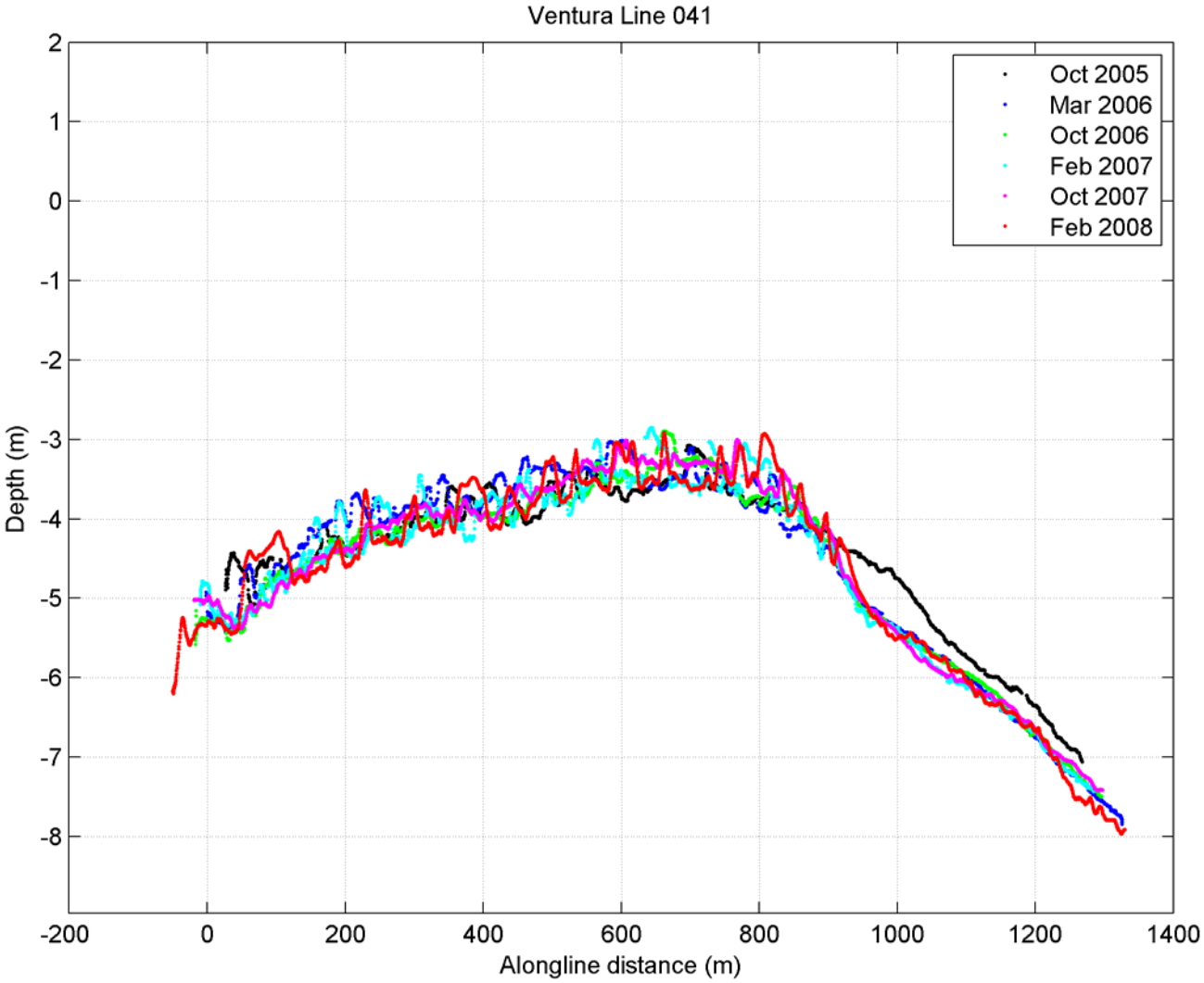

Ventura Line 036
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
-12
-14
0
200
400
600
800
1000
1200

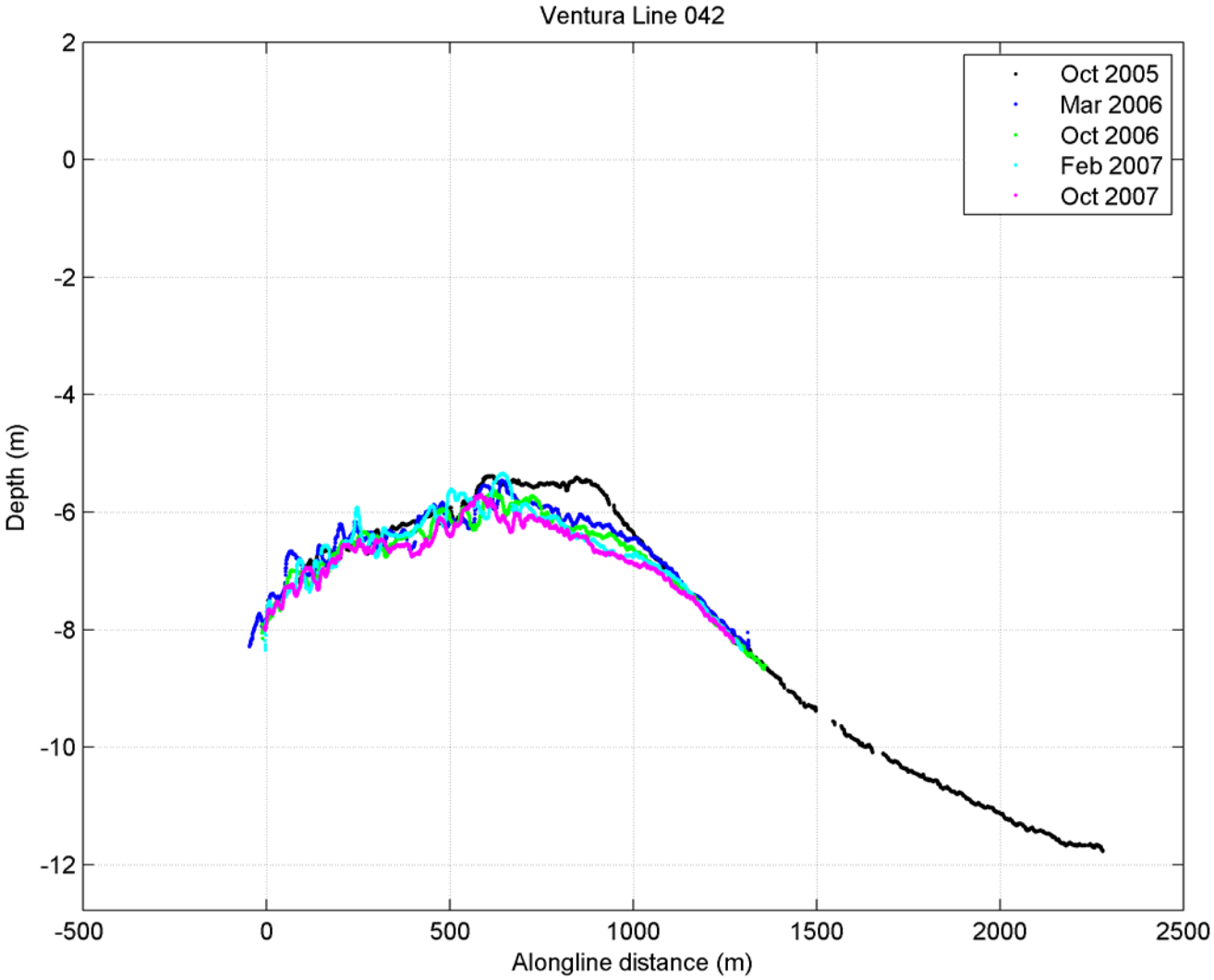

Ventura Line 037
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
-12
0
200
400
600
800
1000
1200

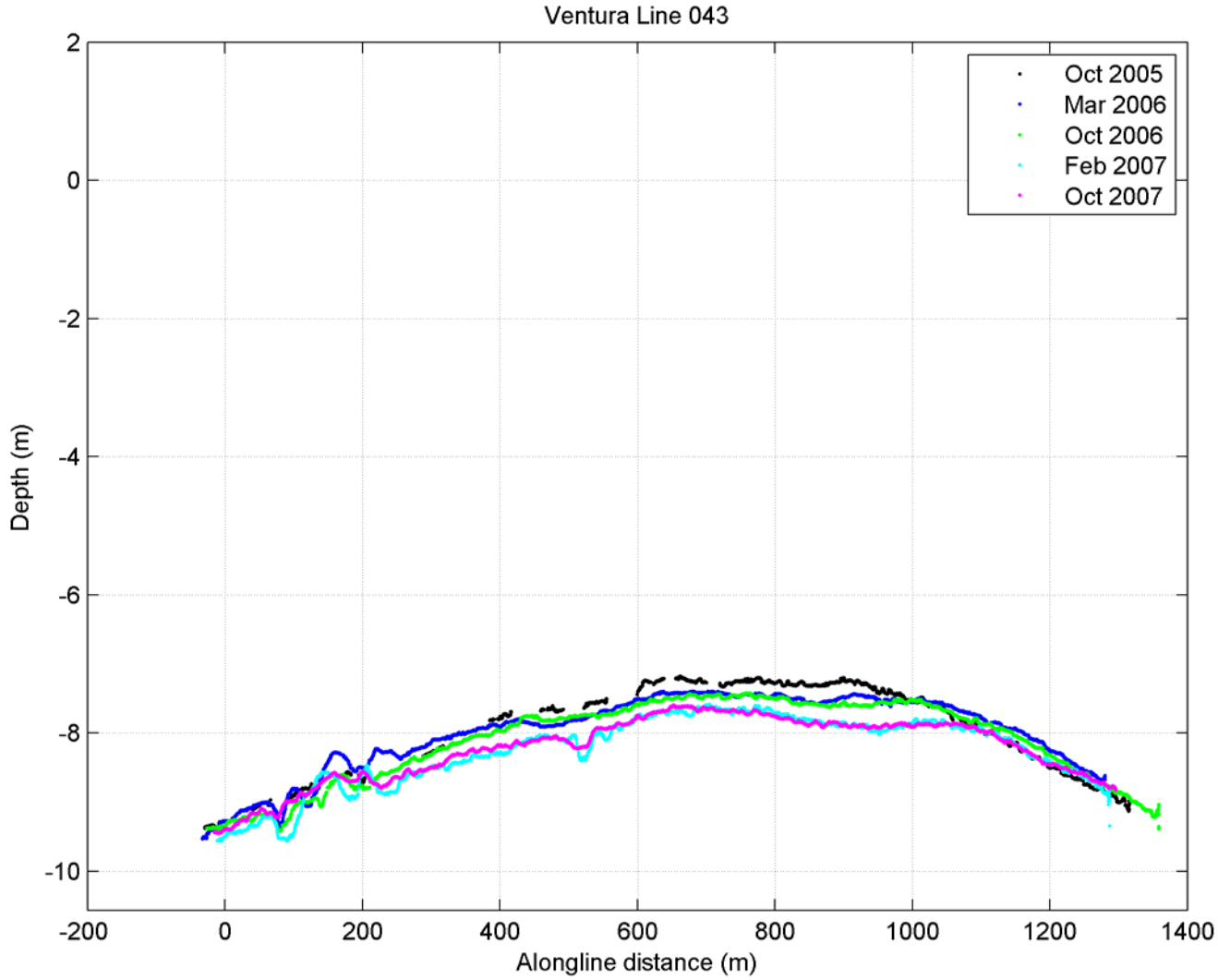

Ventura Line 038
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
-12
0
200
400
600
800
1000
1200

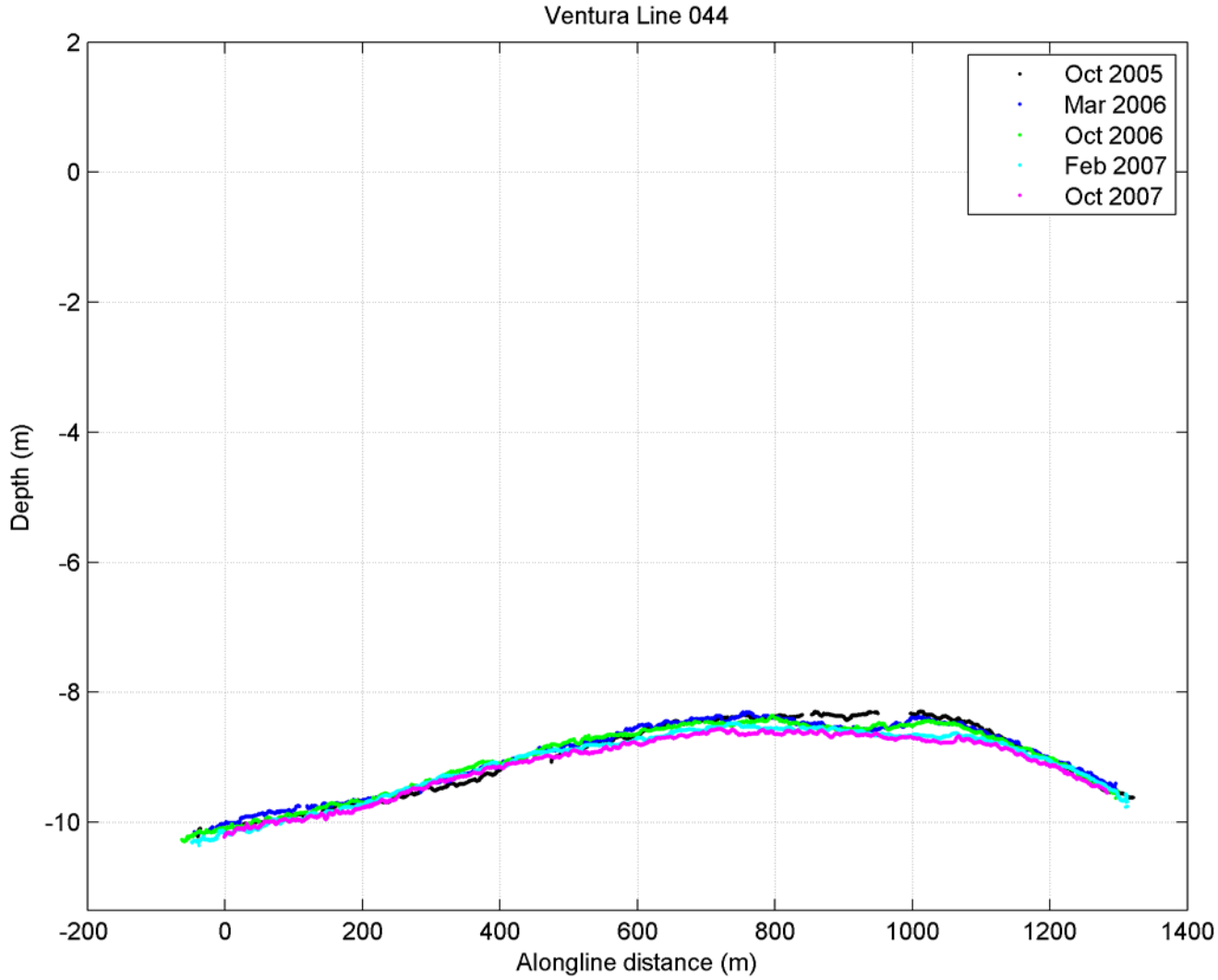

Ventura Line 039
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Oct 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
-12
-14
0
200
400
600
800
1000
1200

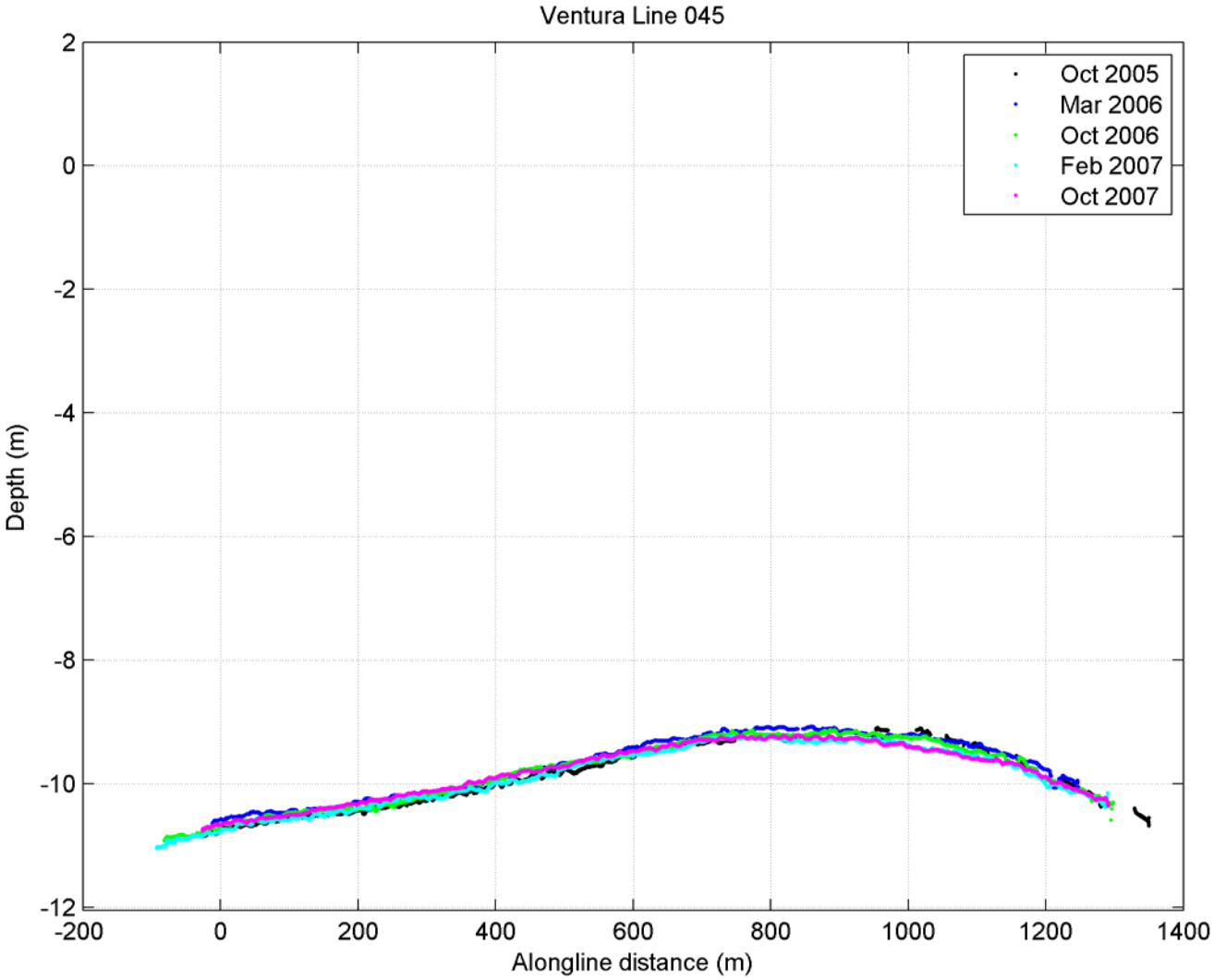

Ventura Line 040
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Depth (m)
Alongline distance (m)
2
1
0
-1
-2
-3
-4
-5
-6
-7
-200
0
200
400
600
800
1000
1200
1400

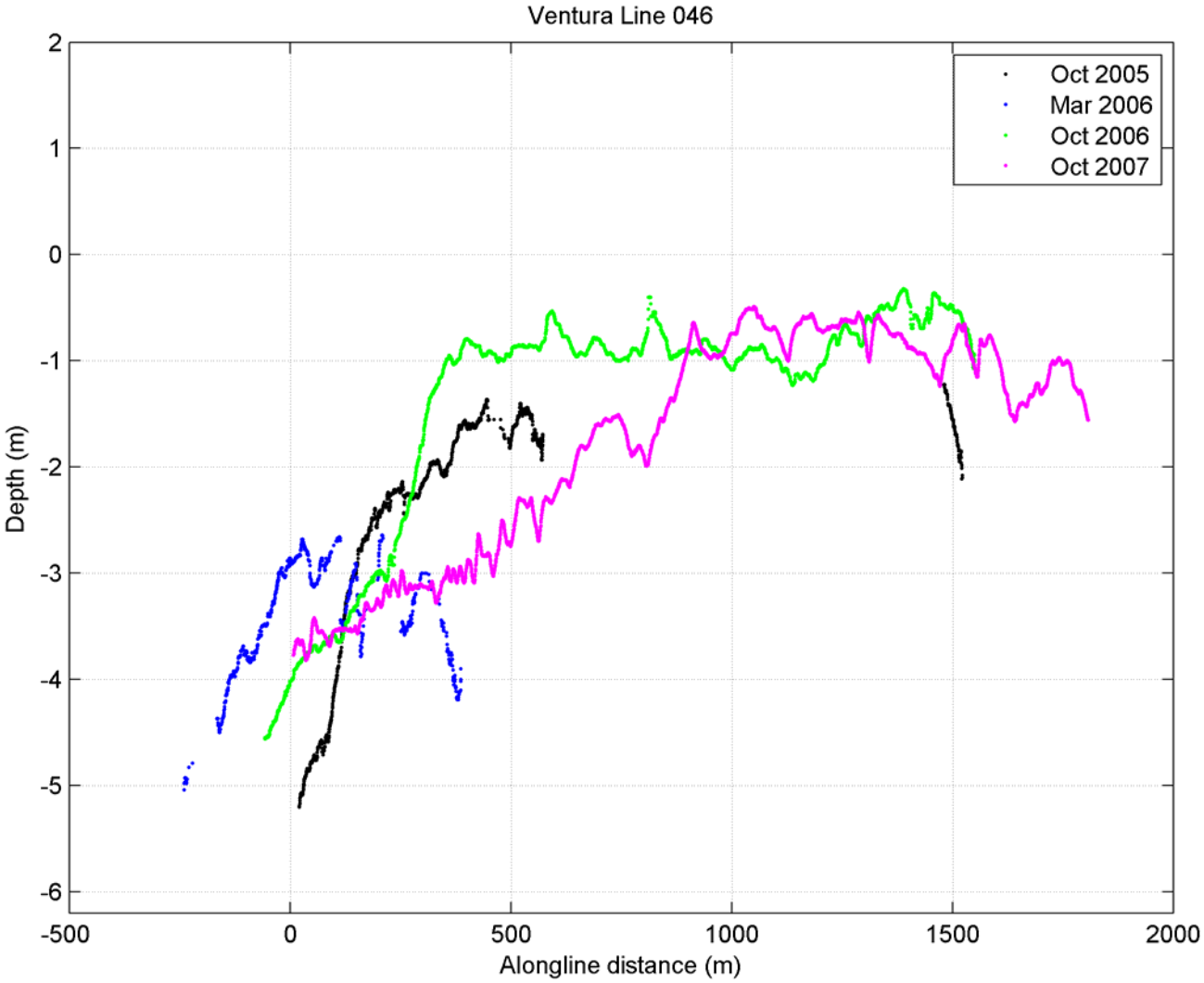

Ventura Line 041
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Depth (m)
Alongline distance (m)
2
1
0
-1
-2
-3
-4
-5
-6
-7
-8
-200
0
200
400
600
800
1000
1200
1400

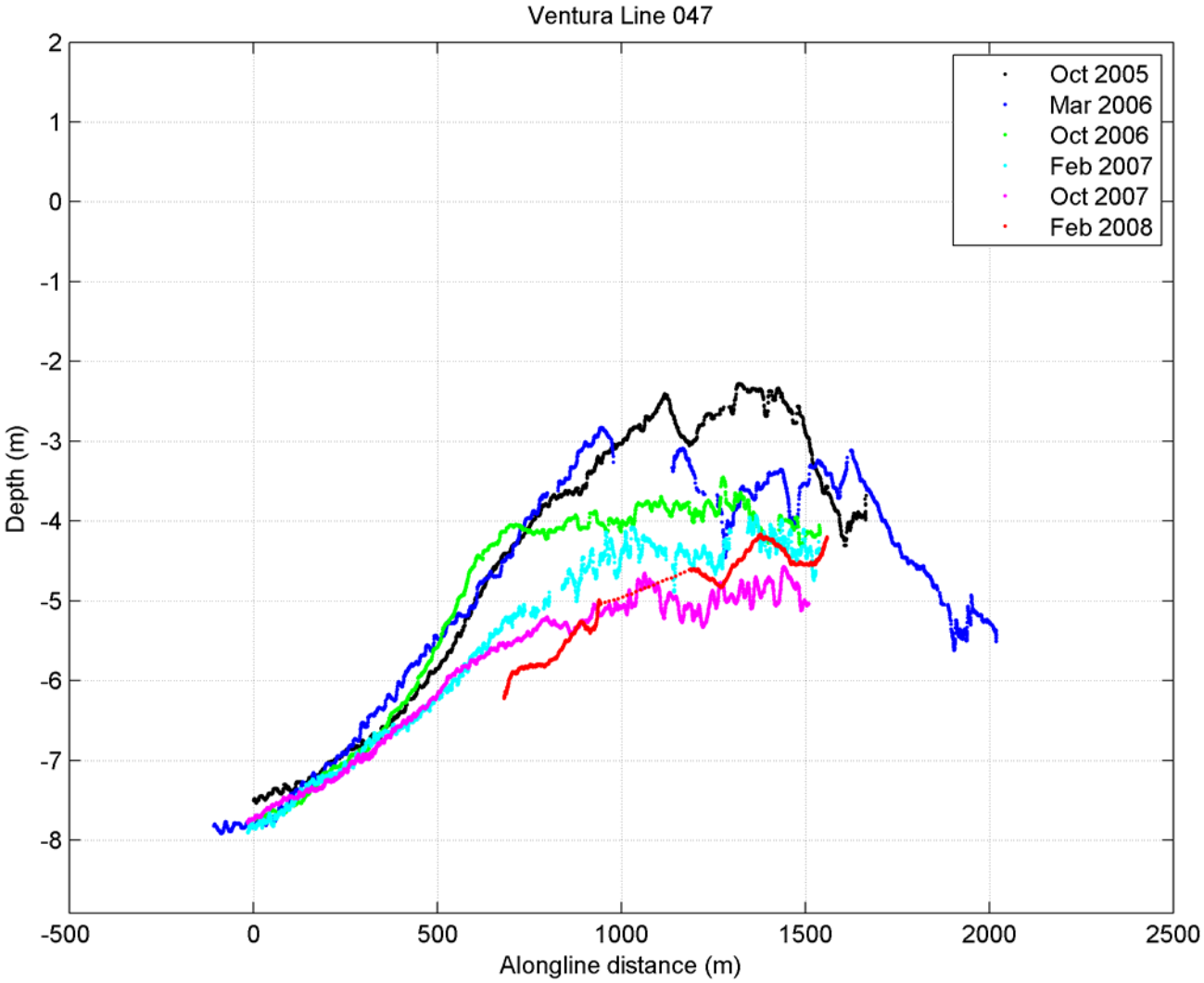

Ventura Line 042
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
-12
-500
0
500
1000
1500
2000
2500

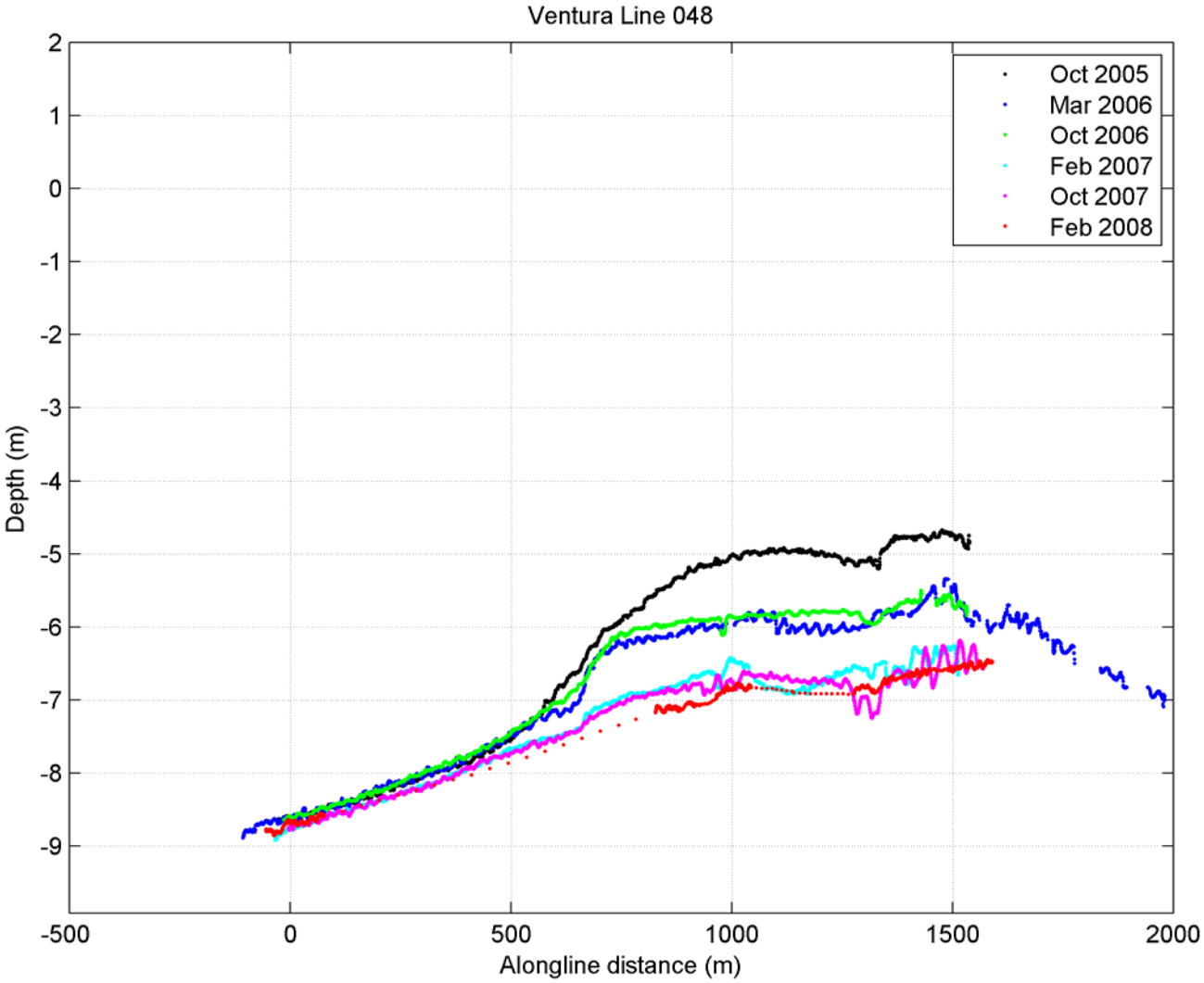

Ventura Line 043
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Depth (m)
2
0
-2
-4
-6
-8
-10
-200
0
200
400
600
800
1000
1200
1400
Alongline distance (m)

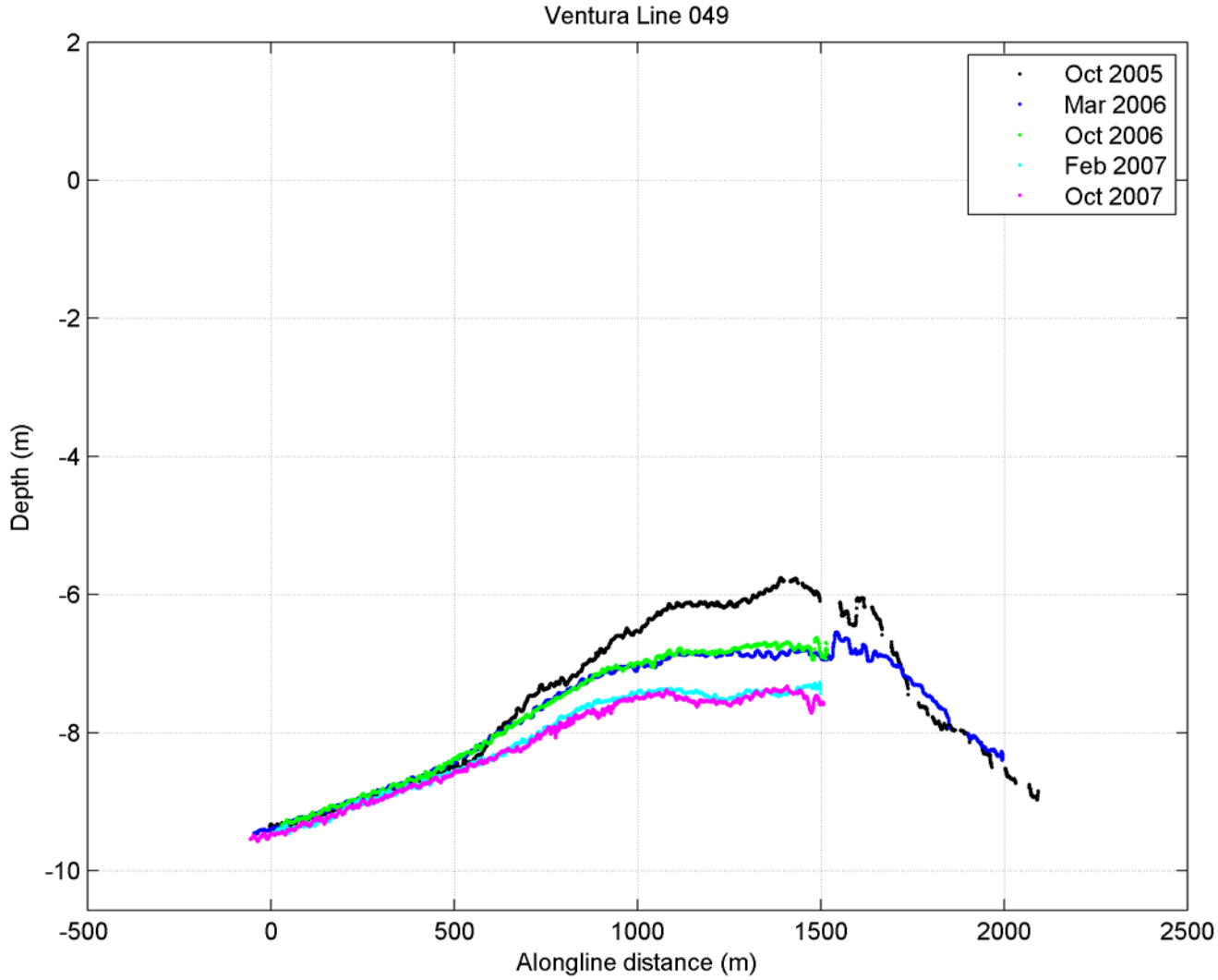

Ventura Line 044
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Depth (m)
2
0
-2
-4
-6
-8
-10
-200
0
200
400
600
800
1000
1200
1400
Alongline distance (m)

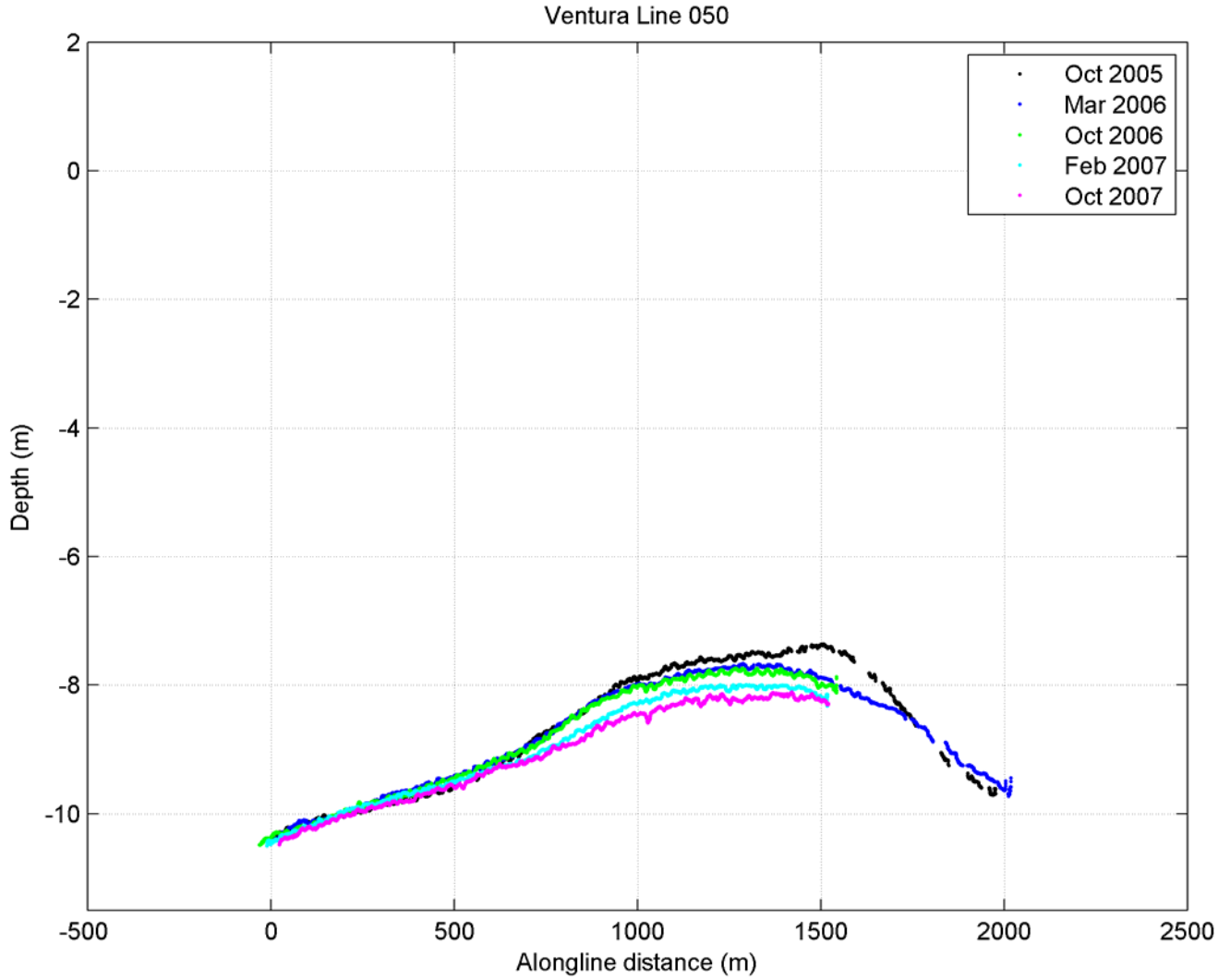

Ventura Line 045
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
-12
-200
0
200
400
600
800
1000
1200
1400

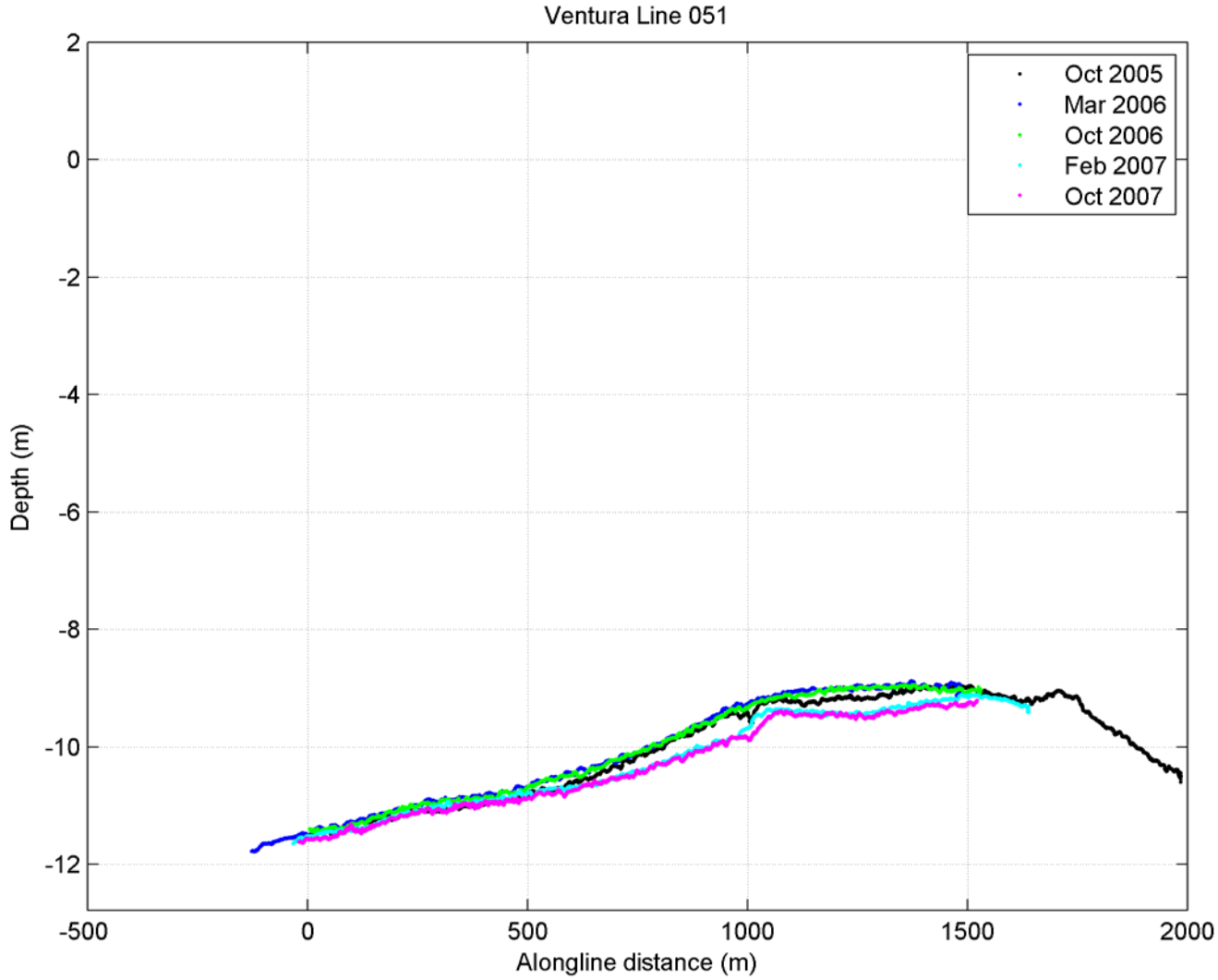

Ventura Line 046
Oct 2005
Mar 2006
Oct 2006
Oct 2007
Depth (m)
Alongline distance (m)
2
1
0
-1
-2
-3
-4
-5
-6
-500
0
500
1000
1500
2000

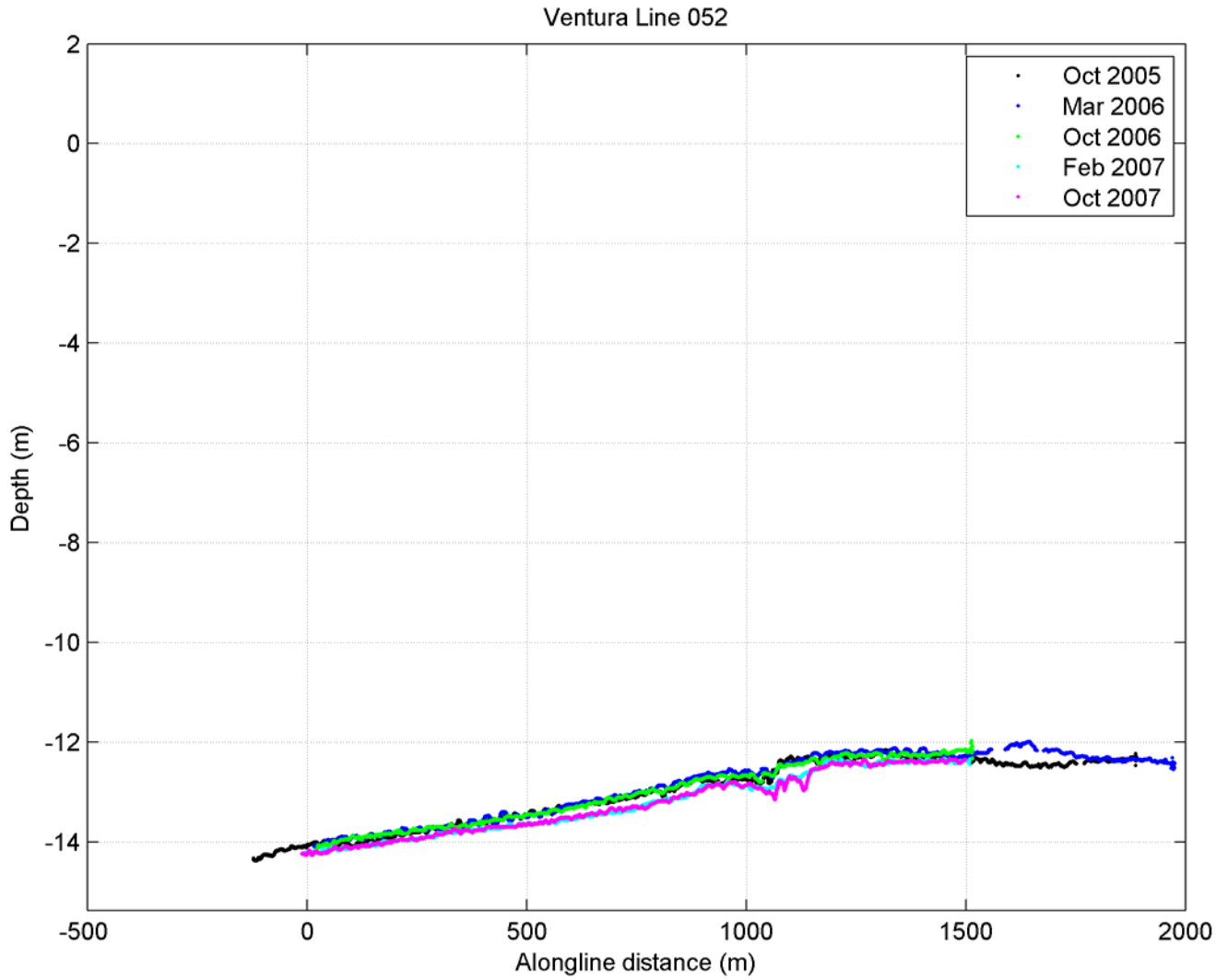

Ventura Line 047
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Depth (m)
Alongline distance (m)
2
1
0
-1
-2
-3
-4
-5
-6
-7
-8
-500
0
500
1000
1500
2000
2500


Ventura Line 048
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Depth (m)
Alongline distance (m)
2
1
0
-1
-2
-3
-4
-5
-6
-7
-8
-9
-500
0
500
1000
1500
2000


Ventura Line 049
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
-500
0
500
1000
1500
2000
2500


Ventura Line 050
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Depth (m)
2
0
-2
-4
-6
-8
-10
-500
0
500
1000
1500
2000
2500
Alongline distance (m)


Ventura Line 051
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
-12
-500
0
500
1000
1500
2000


Ventura Line 052
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Depth (m)
2
0
-2
-4
-6
-8
-10
-12
-14
-500
0
500
1000
1500
2000
Alongline distance (m)

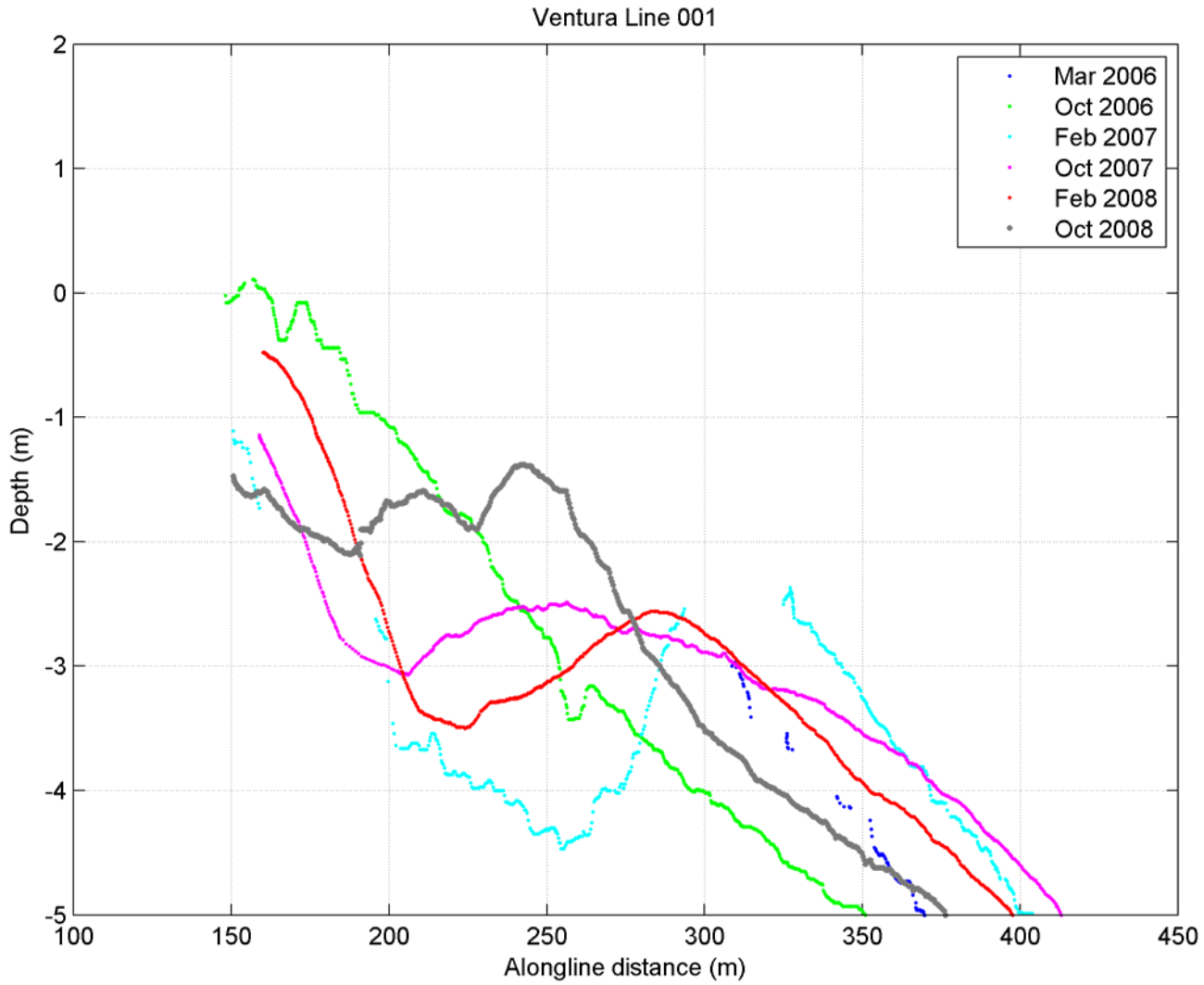
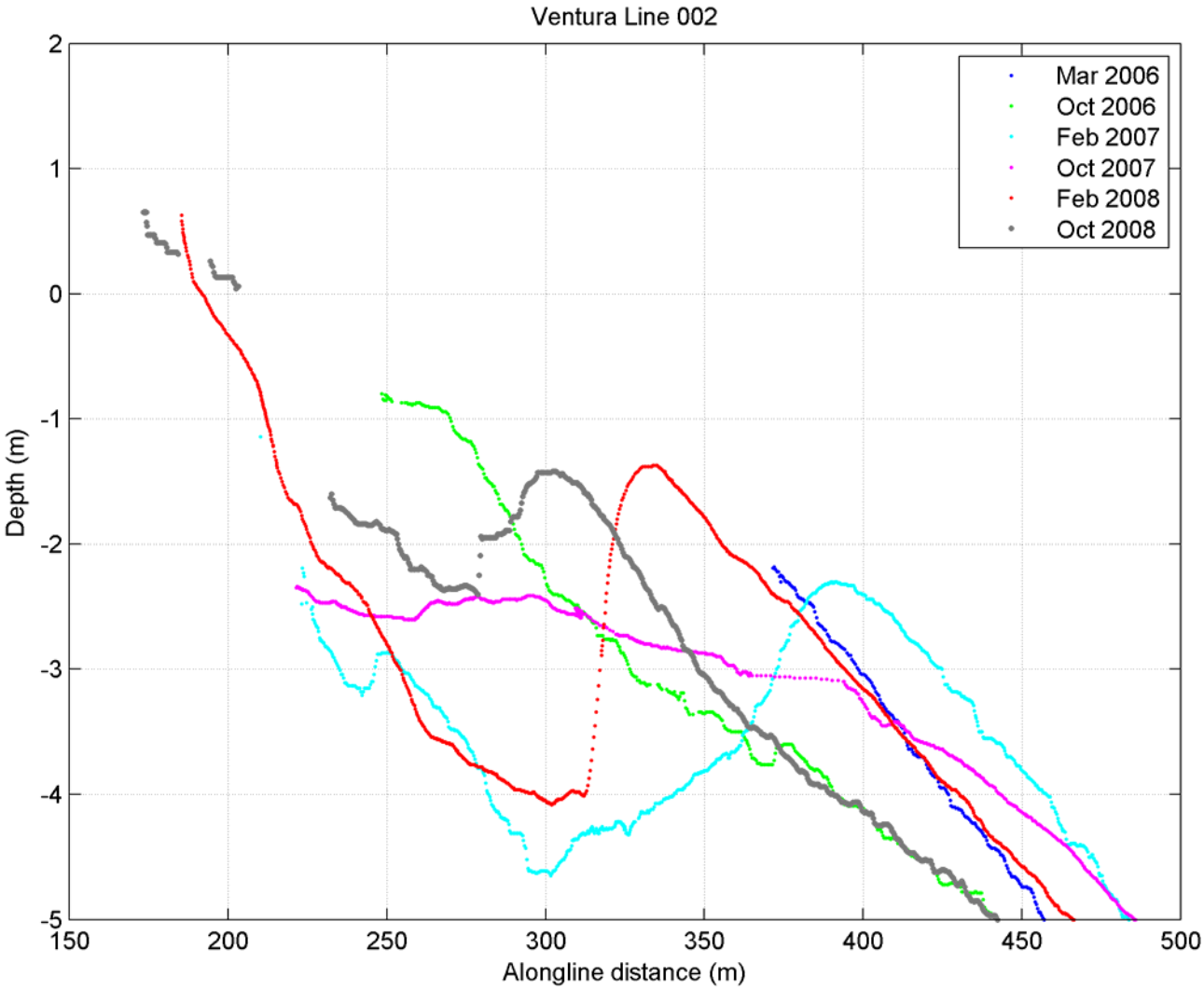
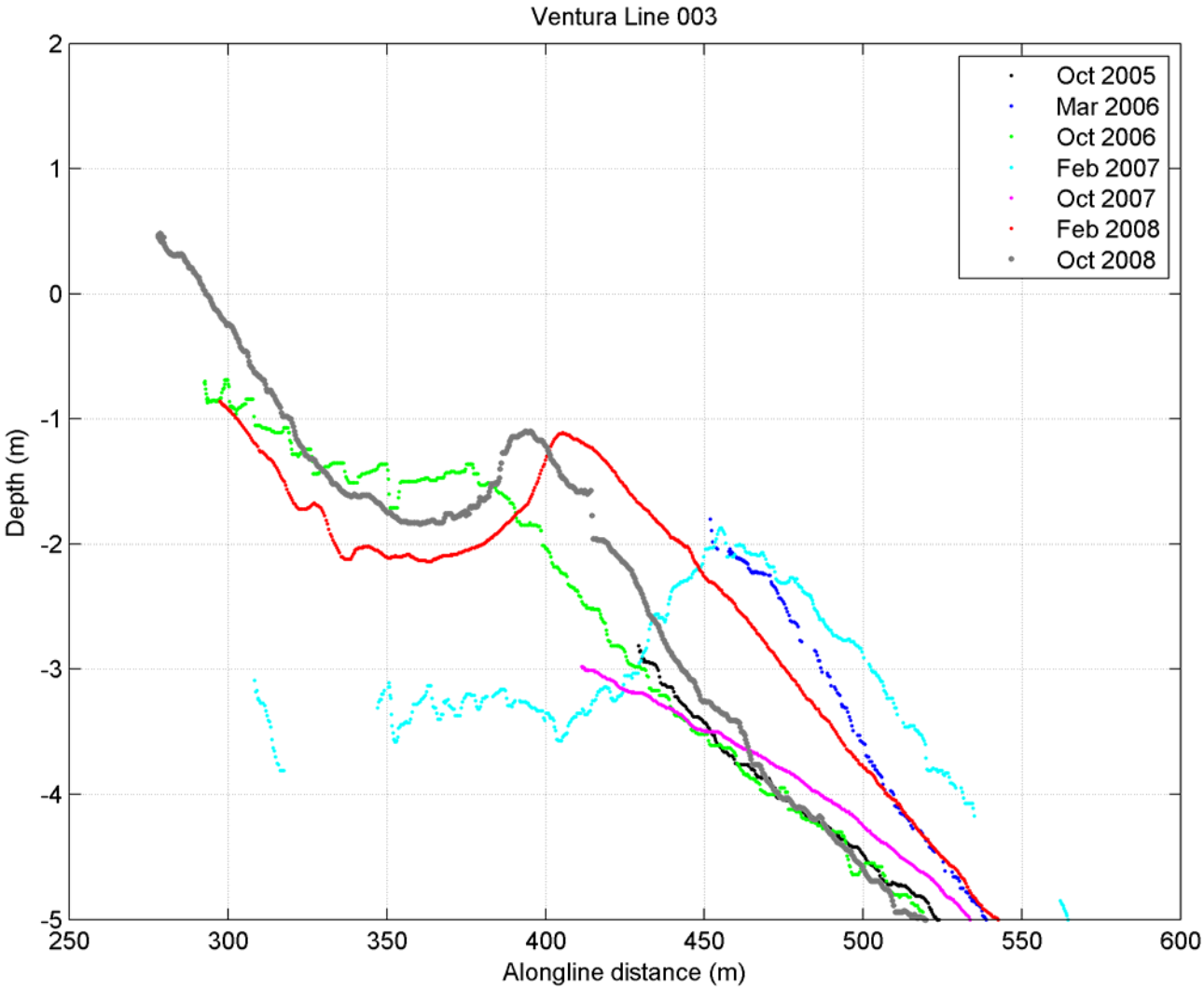
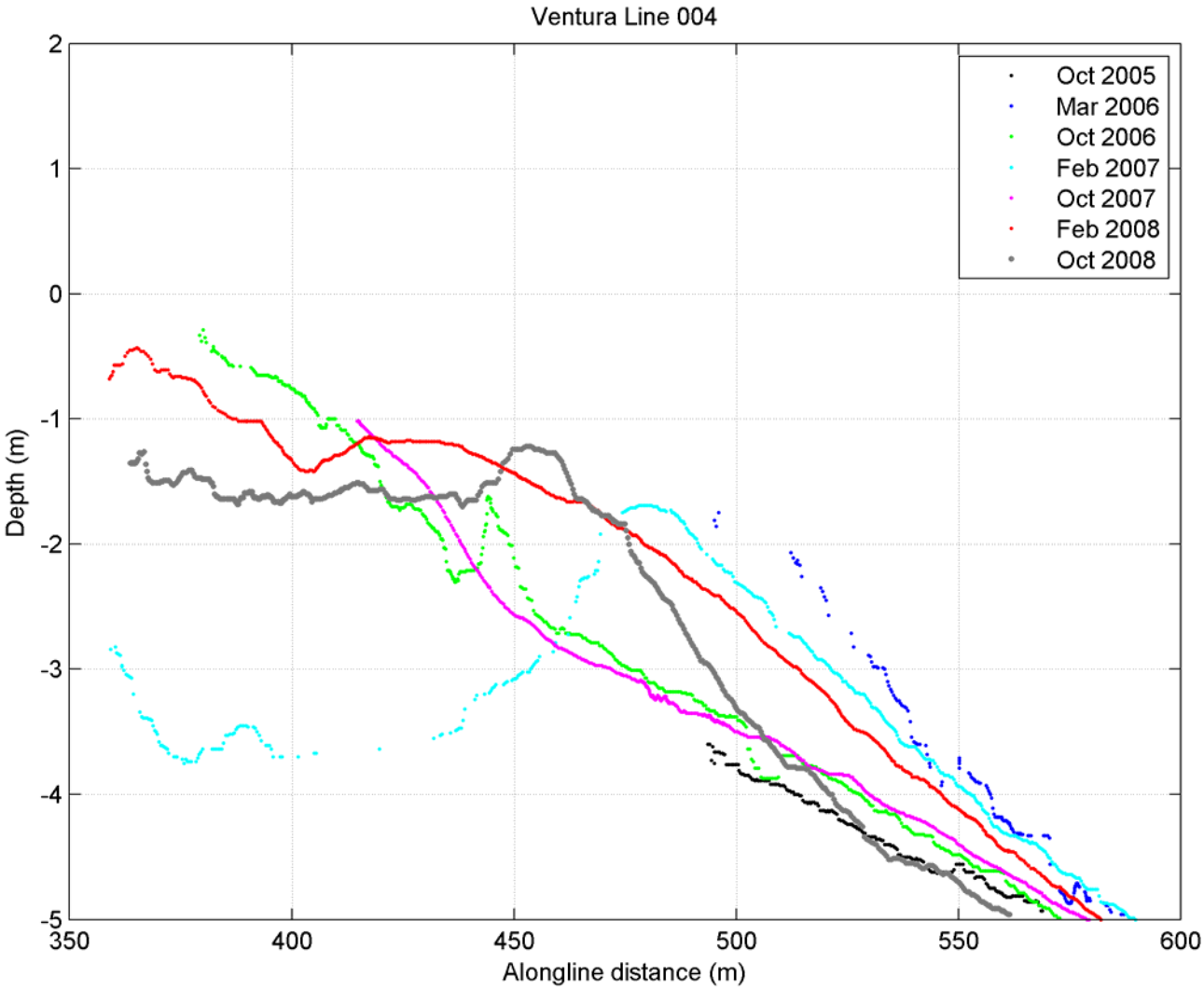
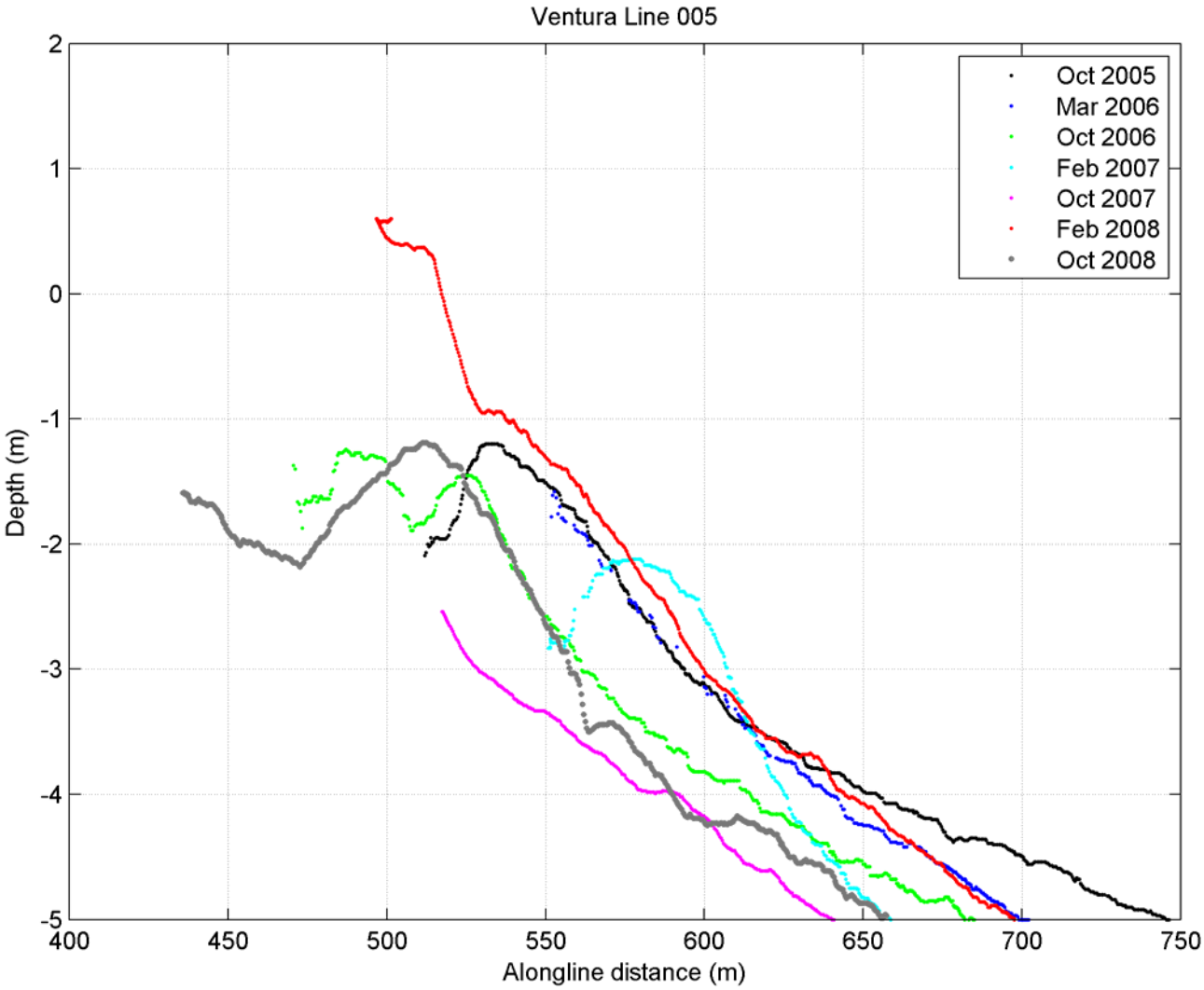


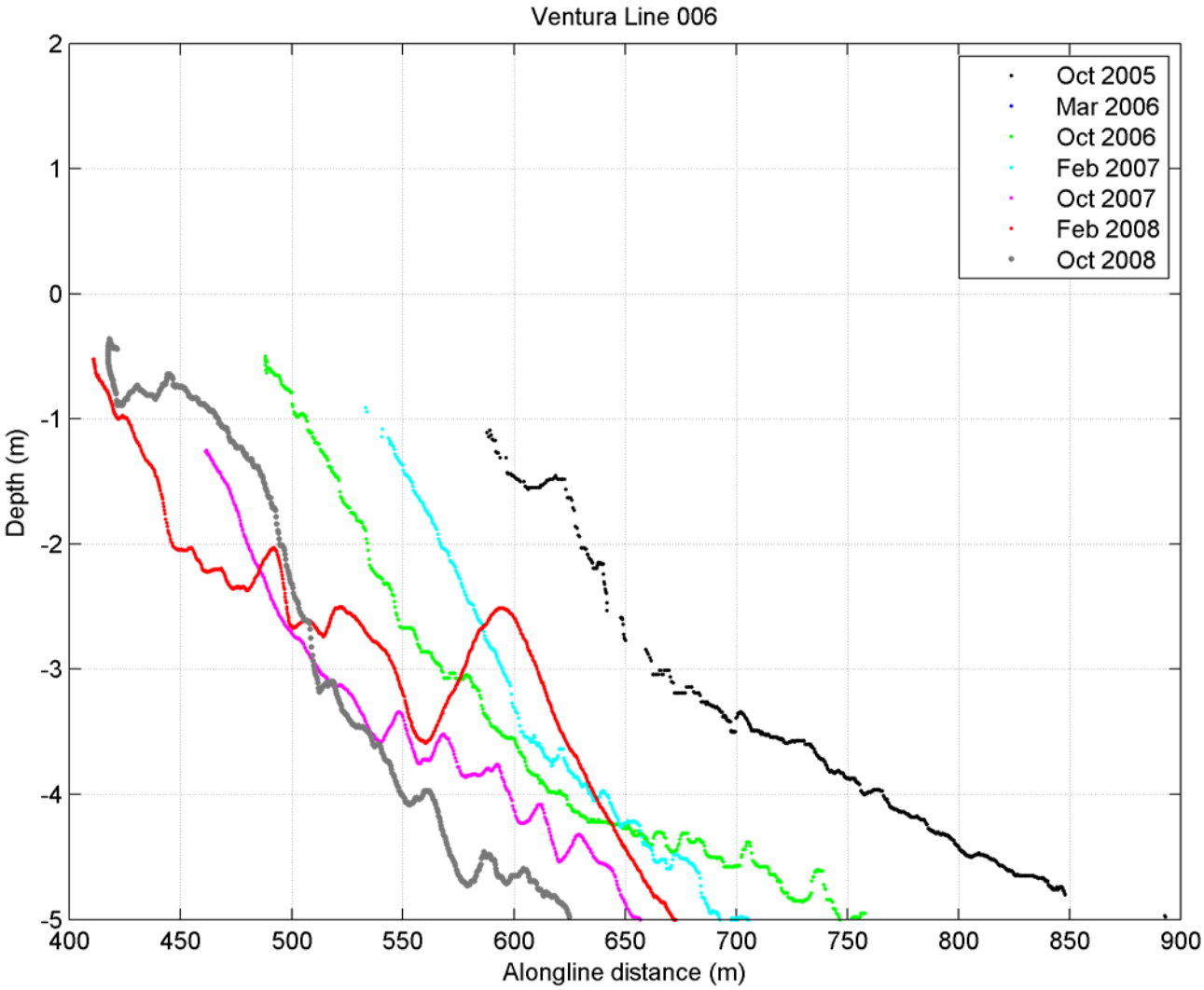
Figure C13. Ventura/Santa Clara River Mouths Coastal Profiling System focus (depths shallower than 5 m) plots, survey lines 1-52.

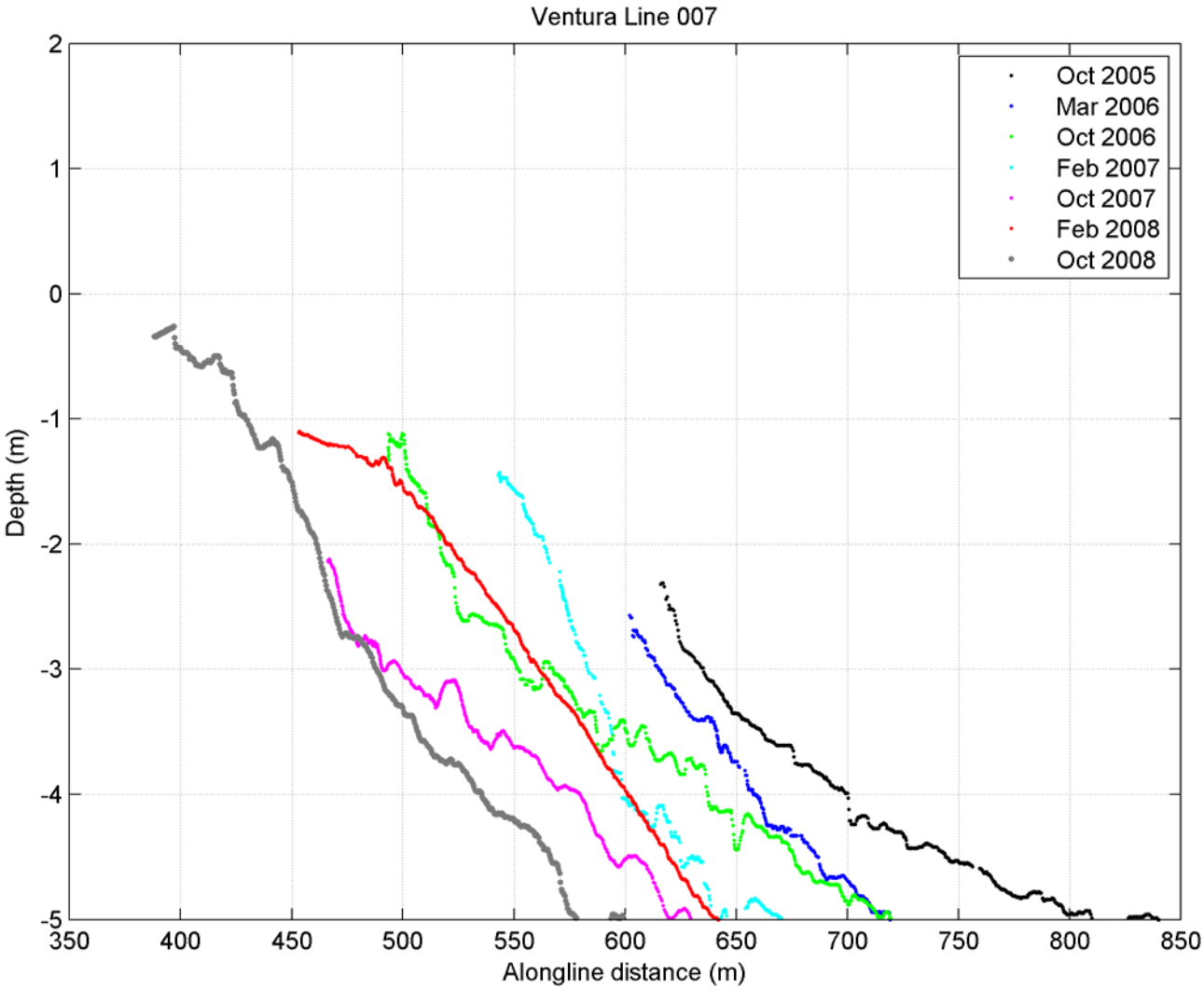

Ventura Line 002
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
2
1
0
-1
-2
-3
-4
-5
150
200
250
300
350
400
450
500

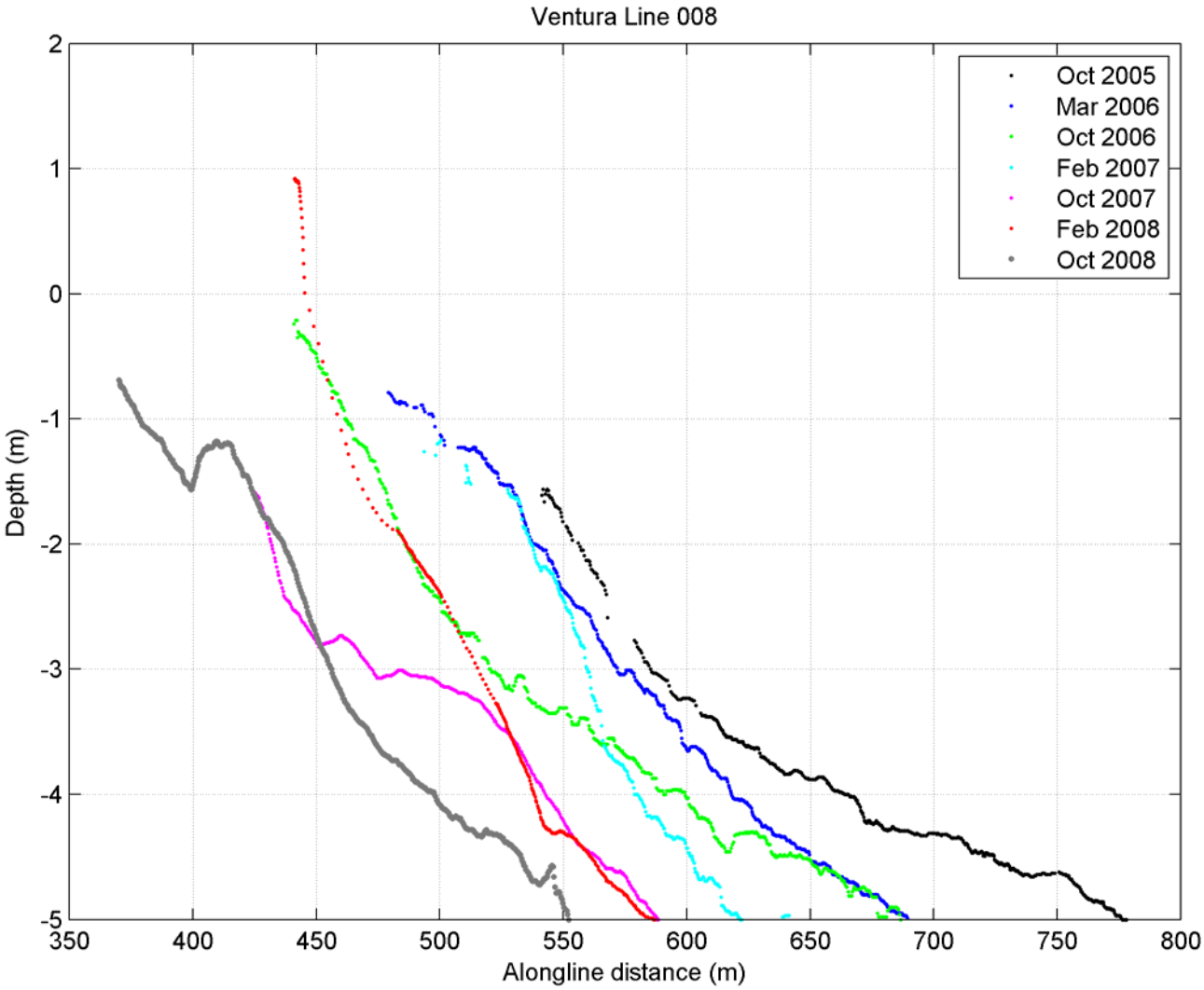

Ventura Line 003
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
2
1
0
-1
-2
-3
-4
-5
250
300
350
400
450
500
550
600

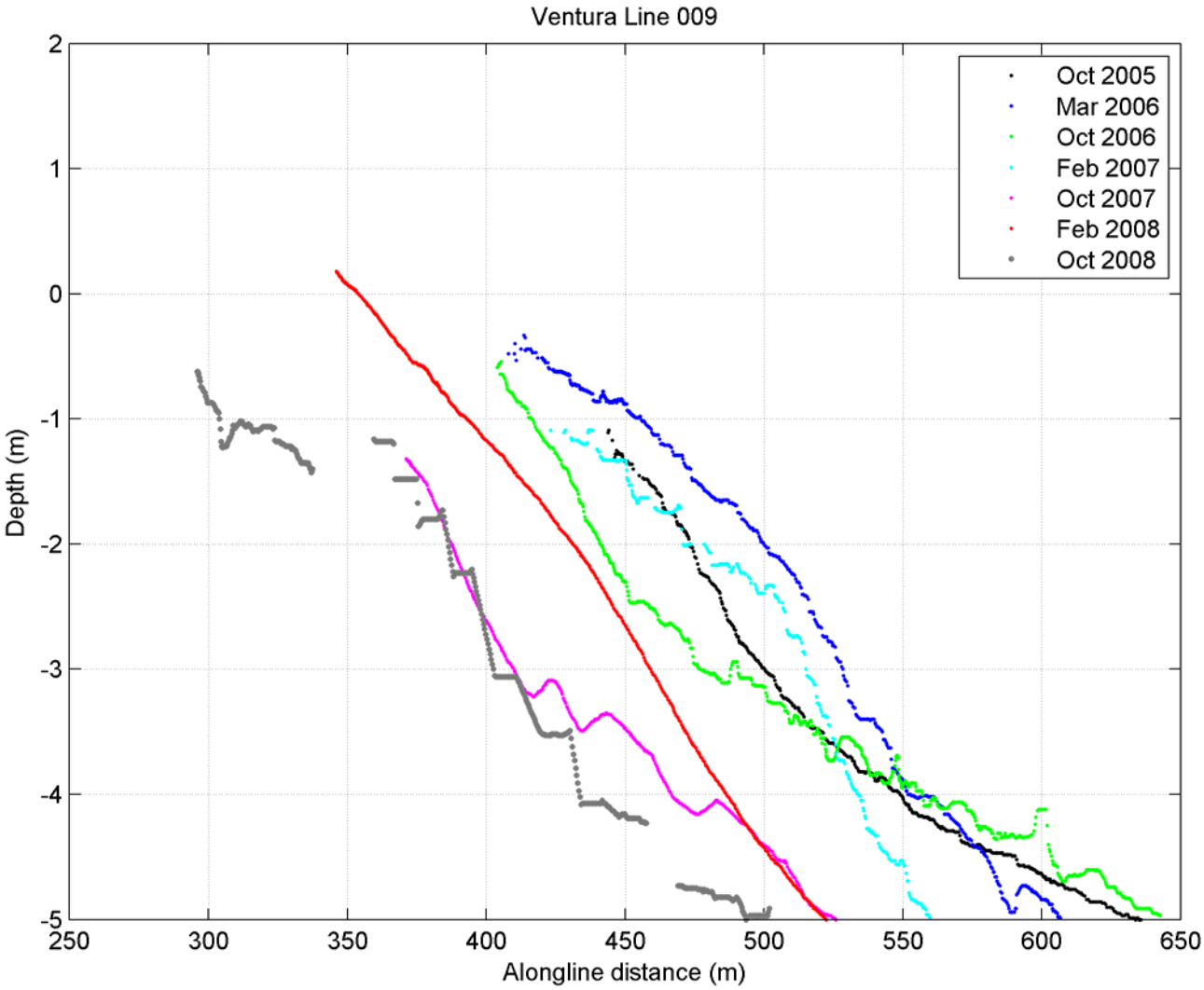

Ventura Line 004
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
2
1
0
-1
-2
-3
-4
-5
350
400
450
500
550
600

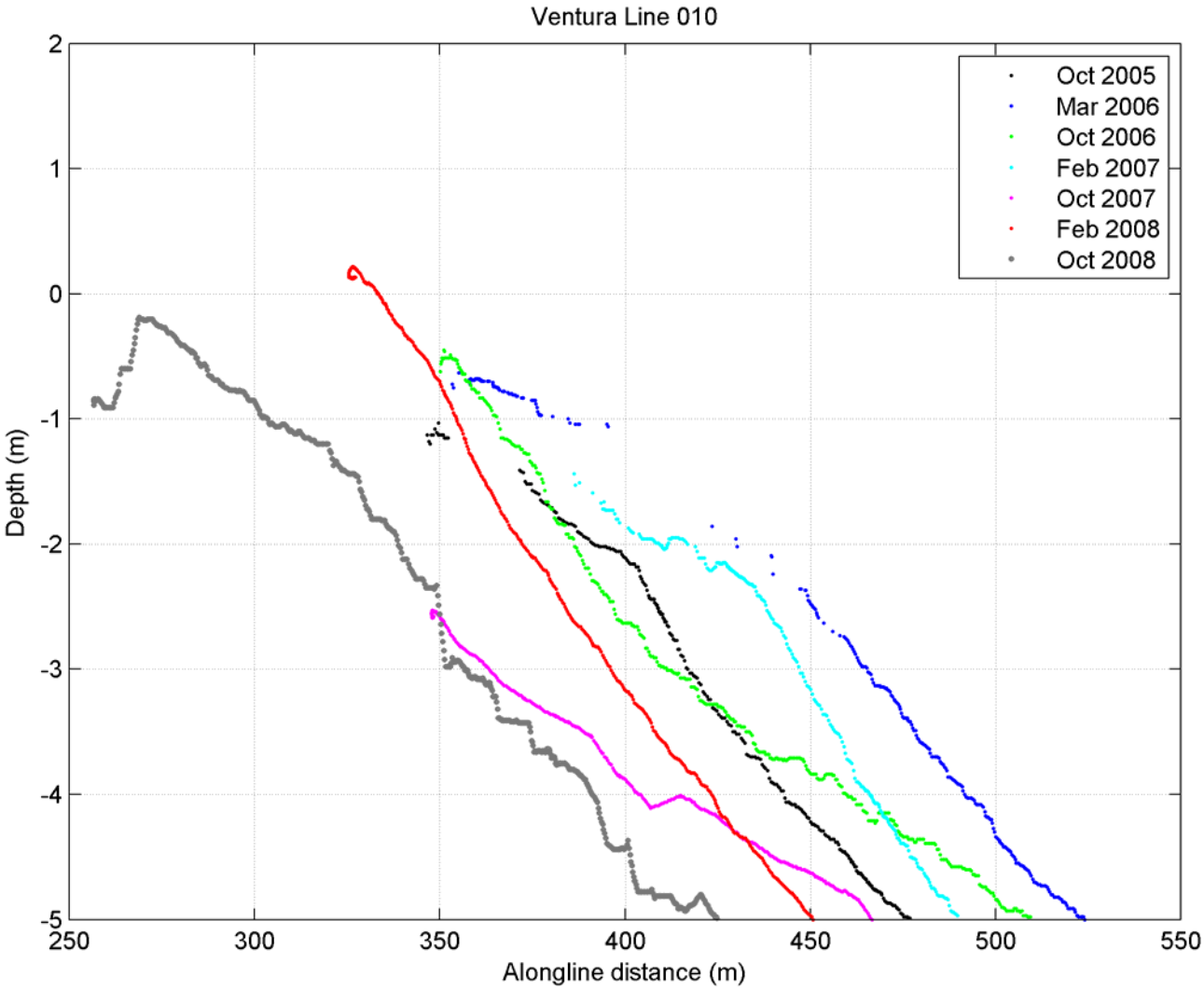

Ventura Line 005
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
2
1
0
-1
-2
-3
-4
-5
400
450
500
550
600
650
700
750

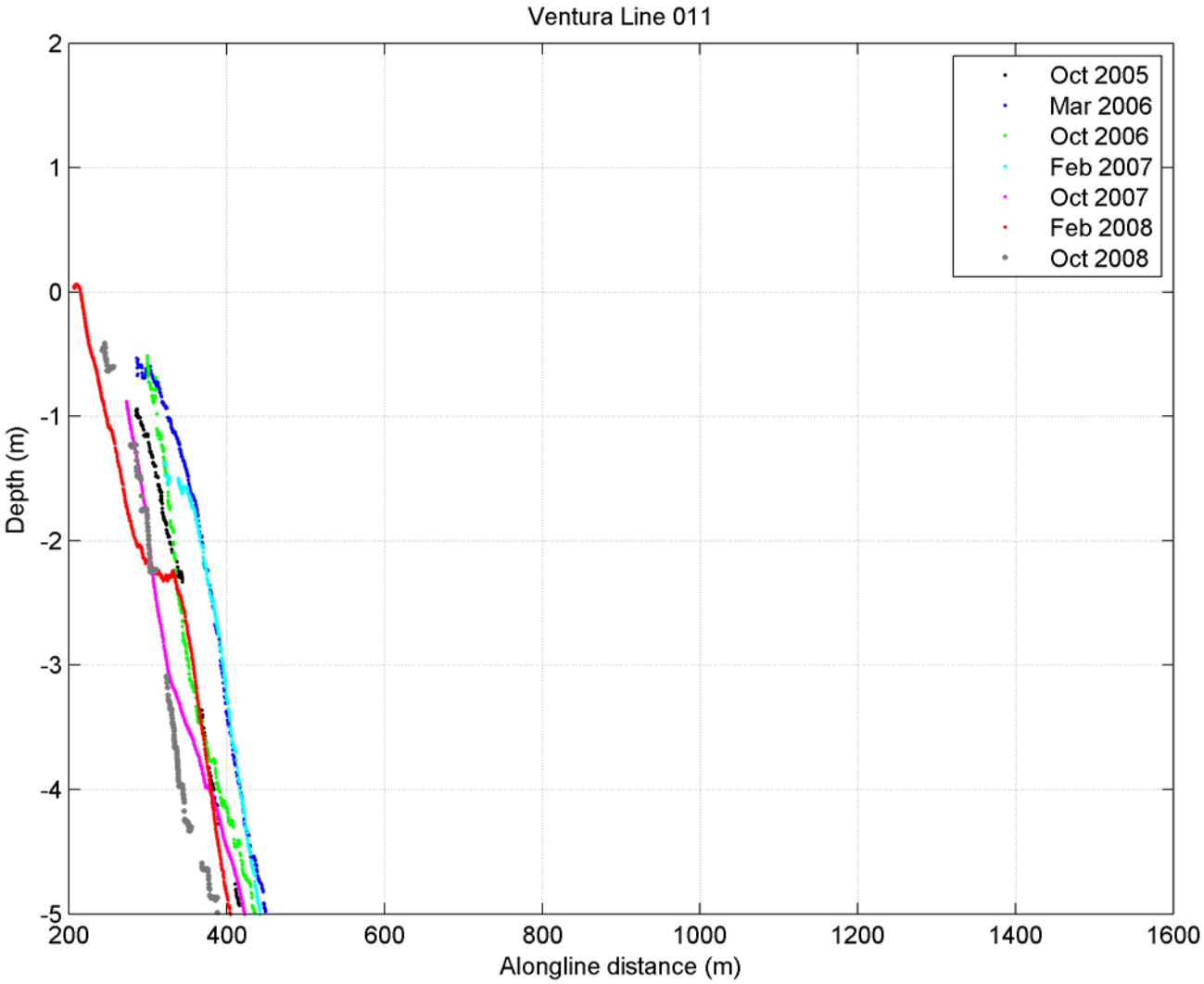

Ventura Line 006
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
2
1
0
-1
-2
-3
-4
-5
400
450
500
550
600
650
700
750
800
850
900

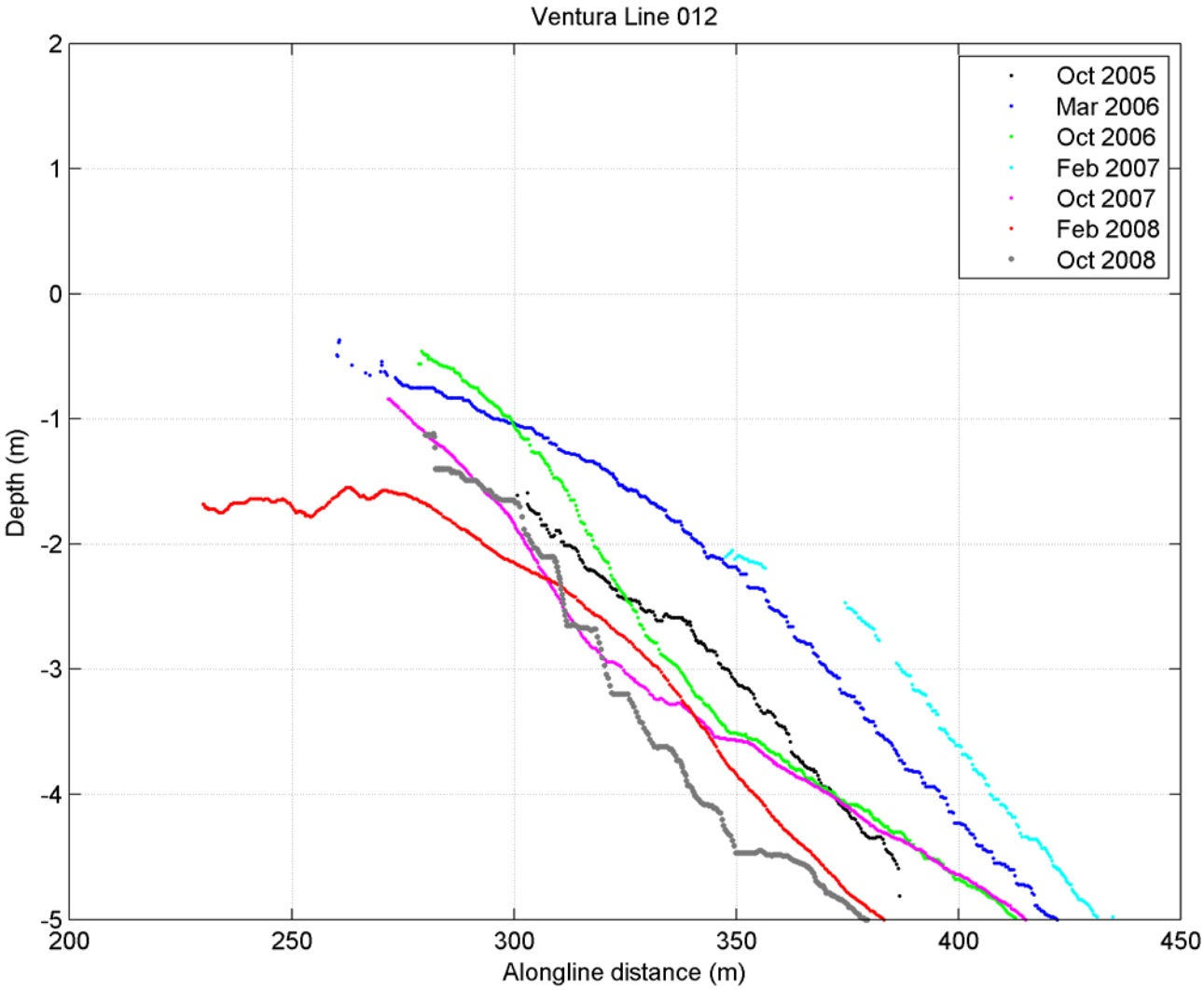

Ventura Line 007
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
2
1
0
-1
-2
-3
-4
-5
350
400
450
500
550
600
650
700
750
800
850

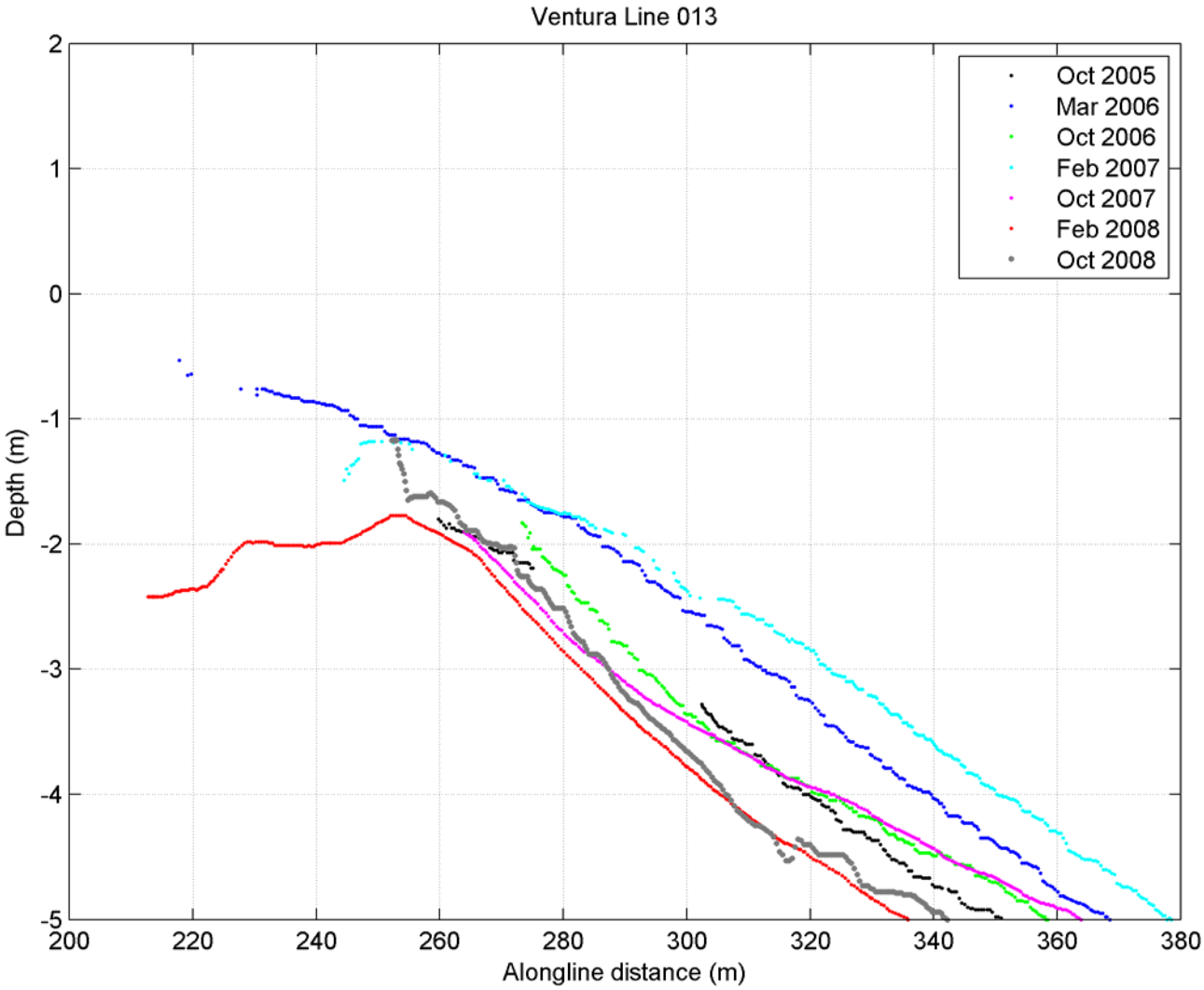

Ventura Line 008
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
2
1
0
-1
-2
-3
-4
-5
350
400
450
500
550
600
650
700
750
800

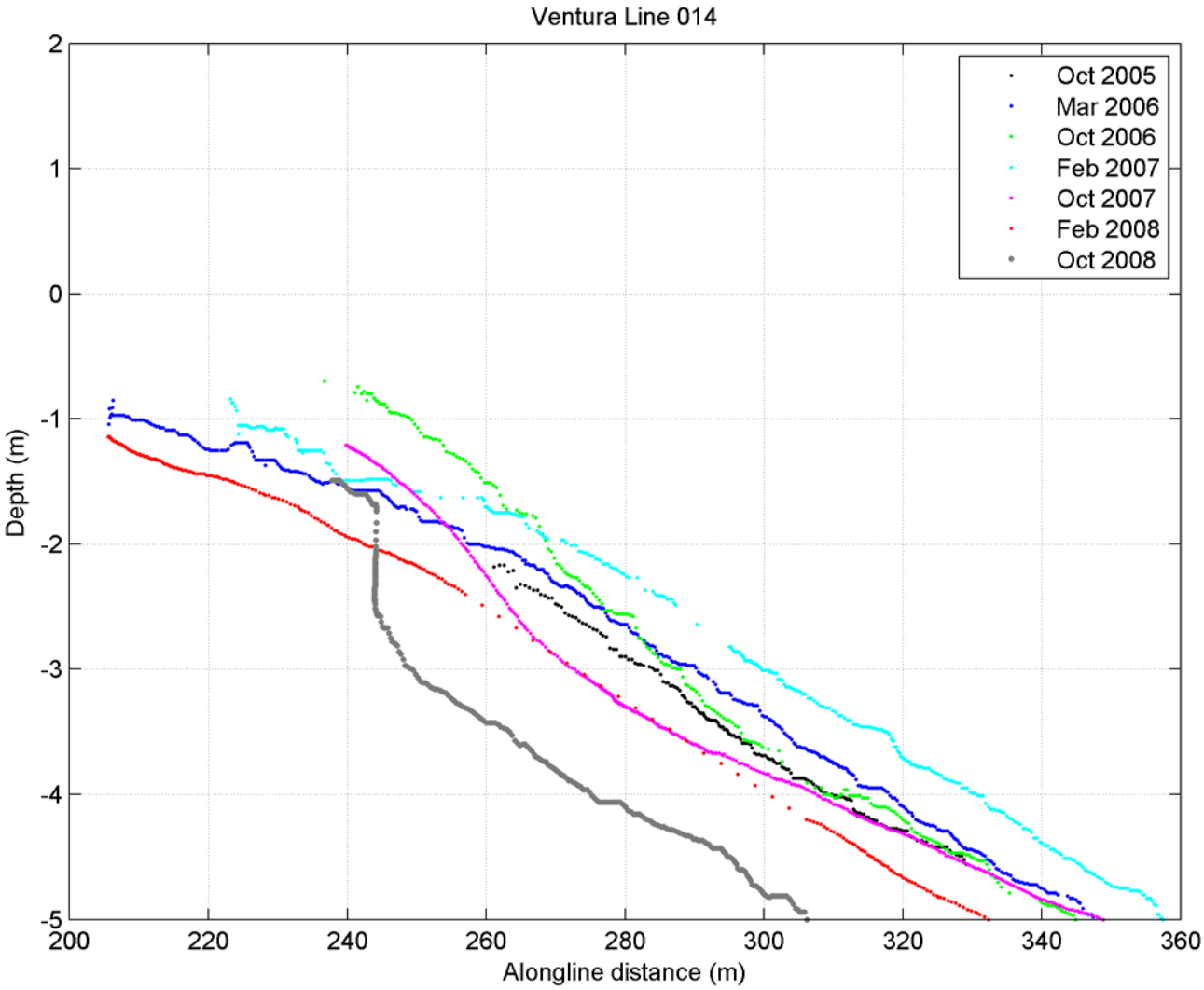

Ventura Line 009
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
2
1
0
-1
-2
-3
-4
-5
250
300
350
400
450
500
550
600
650

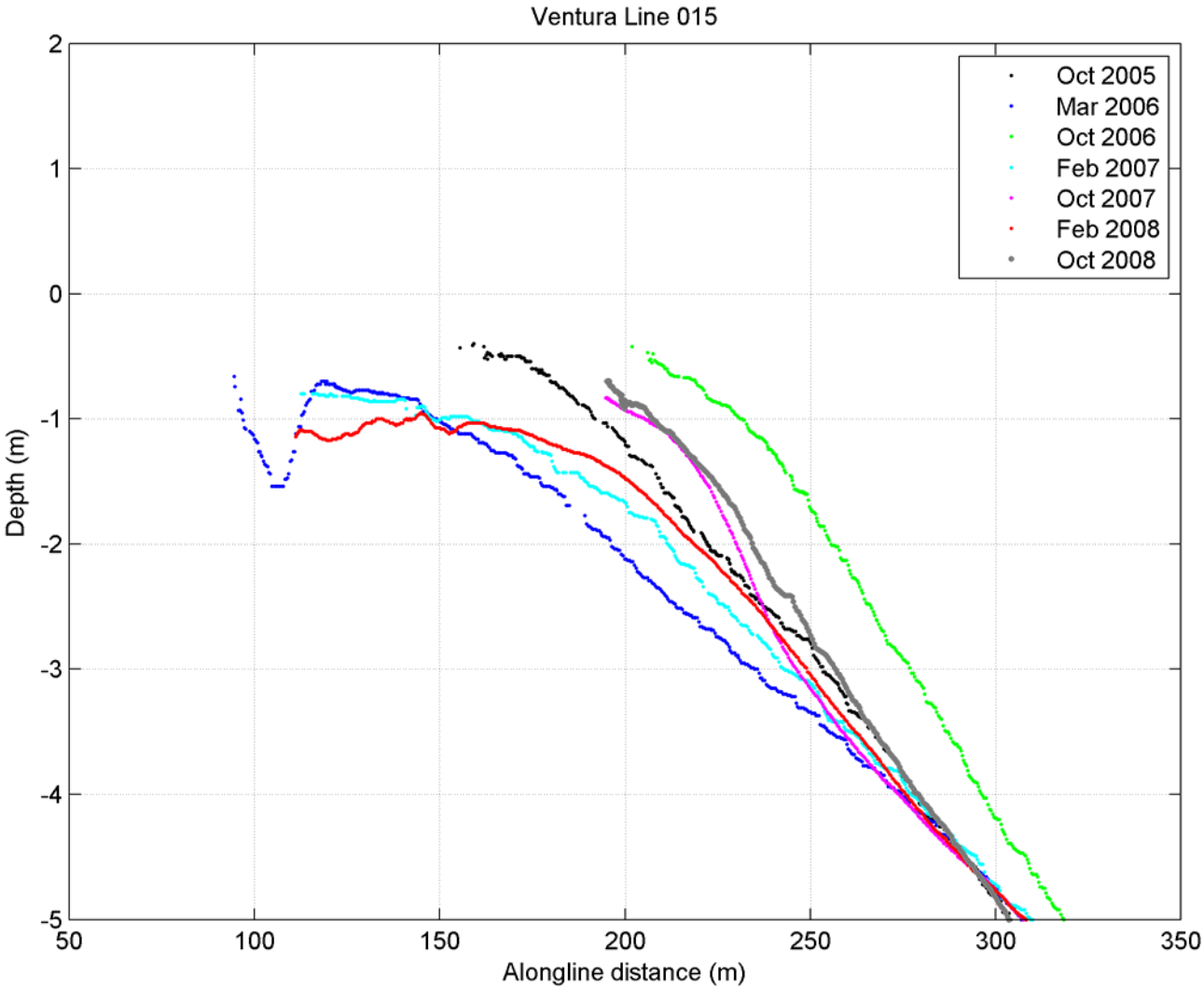

Ventura Line 010
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
2
1
0
-1
-2
-3
-4
-5
250
300
350
400
450
500
550

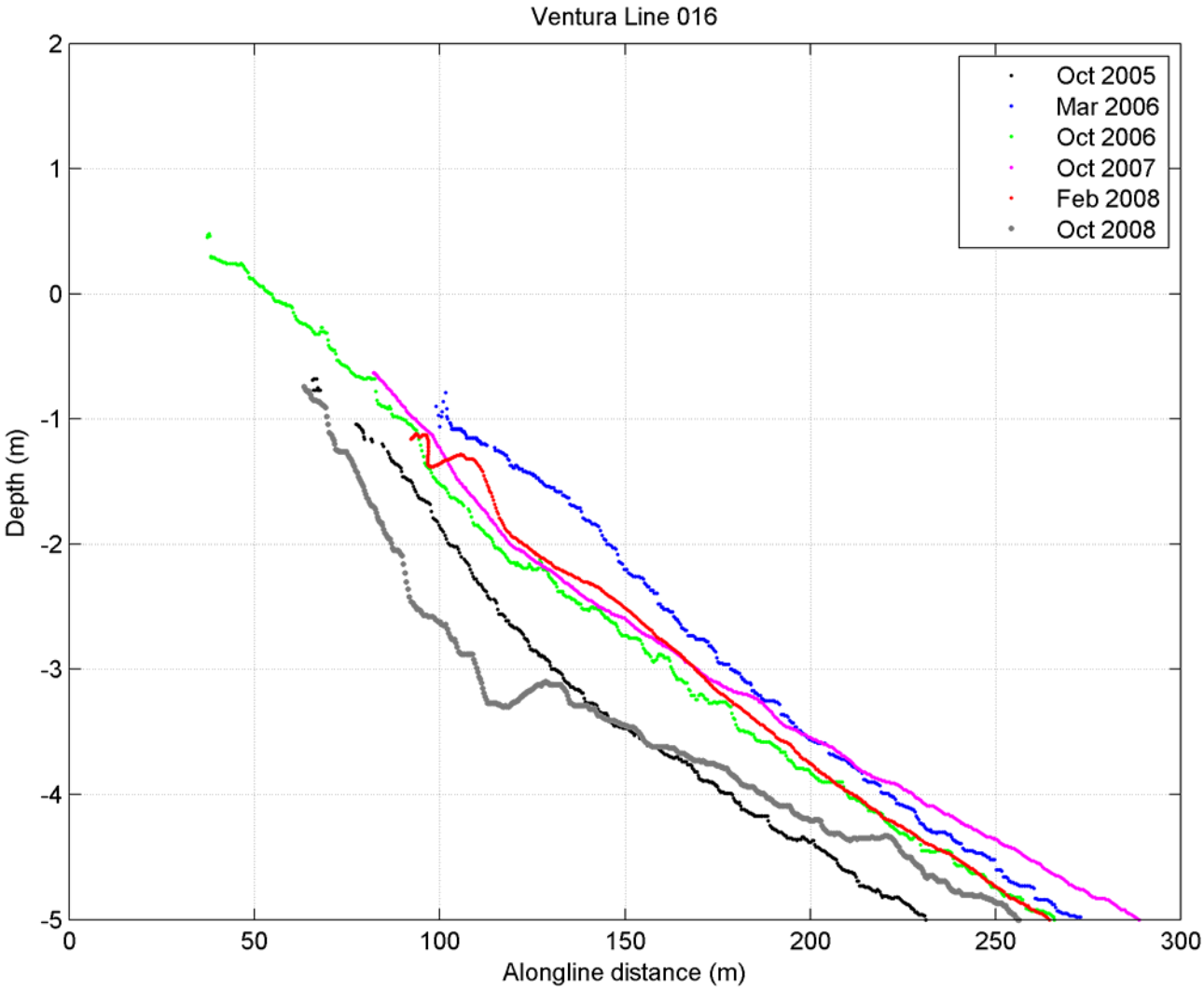

Ventura Line 011
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
2
1
0
-1
-2
-3
-4
-5
200
400
600
800
1000
1200
1400
1600

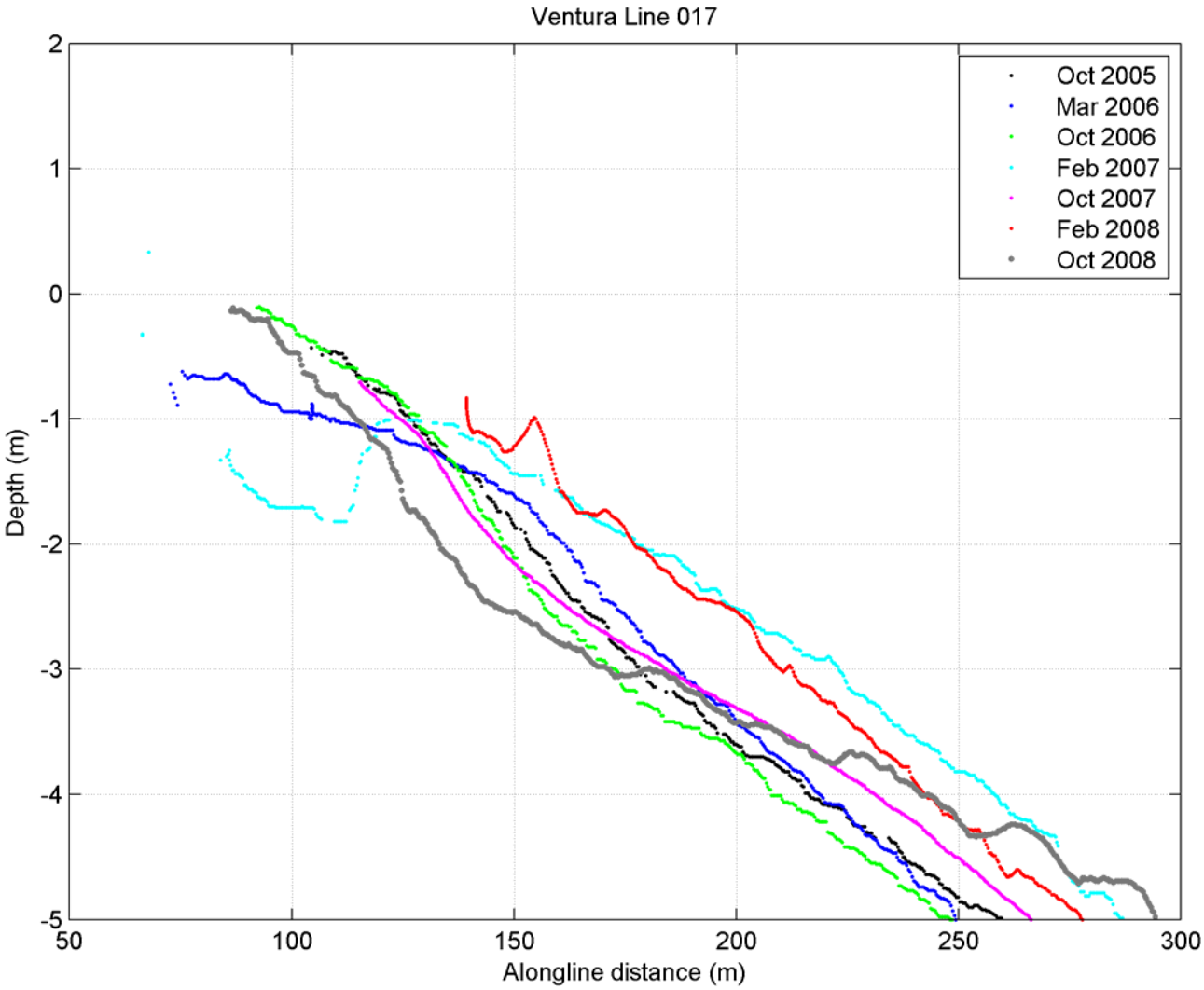

Ventura Line 012
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
2
1
0
-1
-2
-3
-4
-5
200
250
300
350
400
450

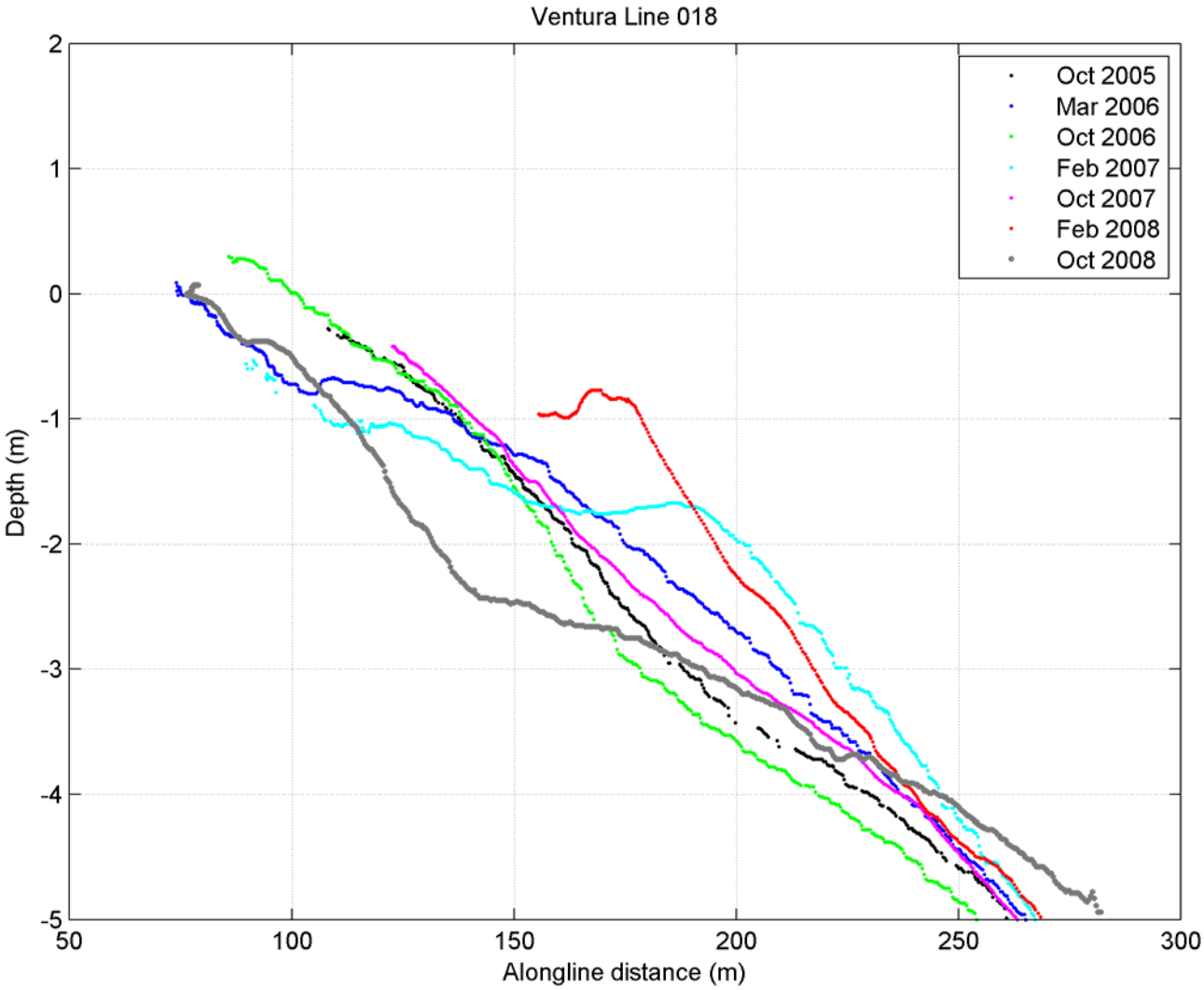

Ventura Line 013
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
2
1
0
-1
-2
-3
-4
-5
200
220
240
260
280
300
320
340
360
380

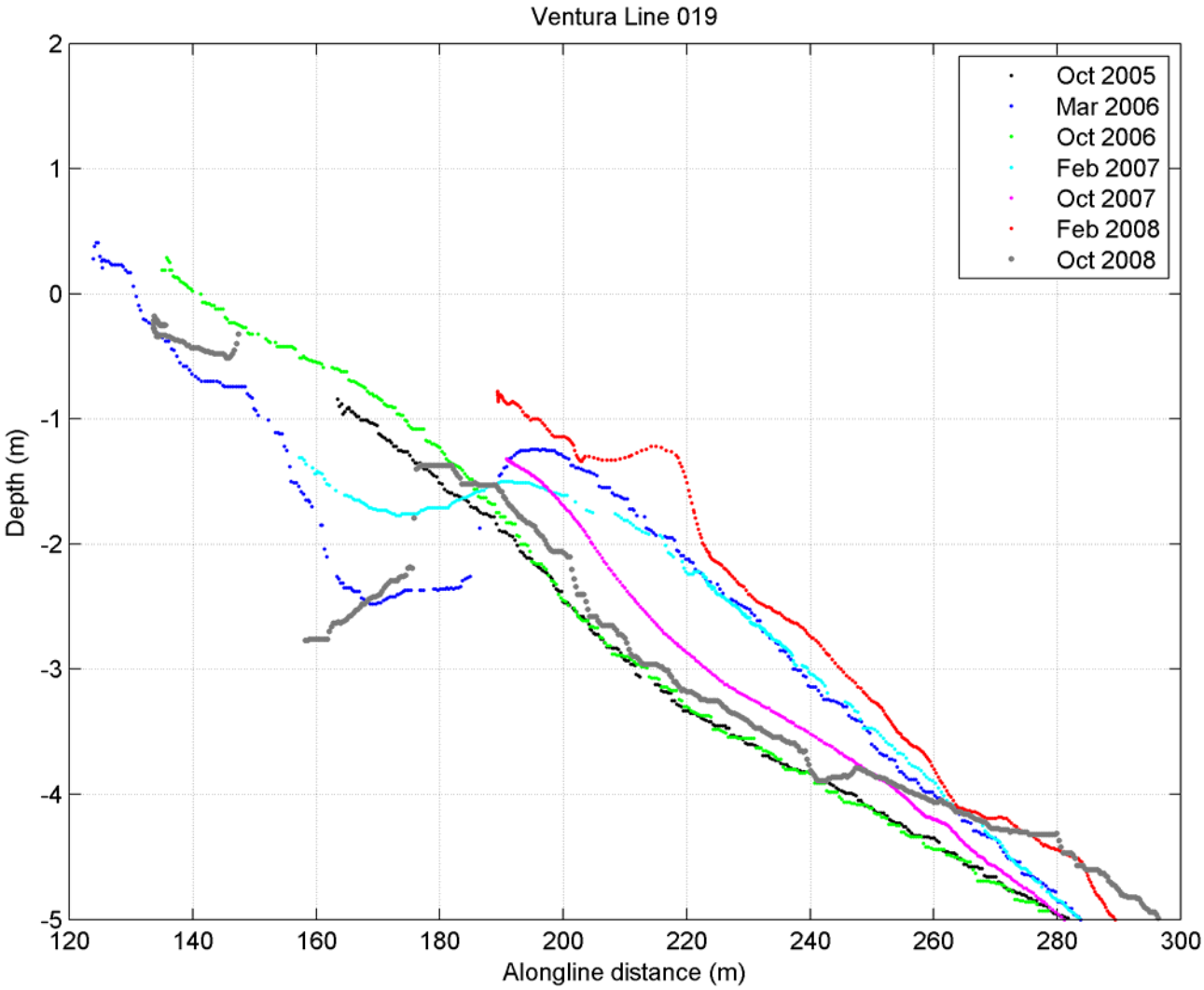

Ventura Line 014
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
2
1
0
-1
-2
-3
-4
-5
200
220
240
260
280
300
320
340
360

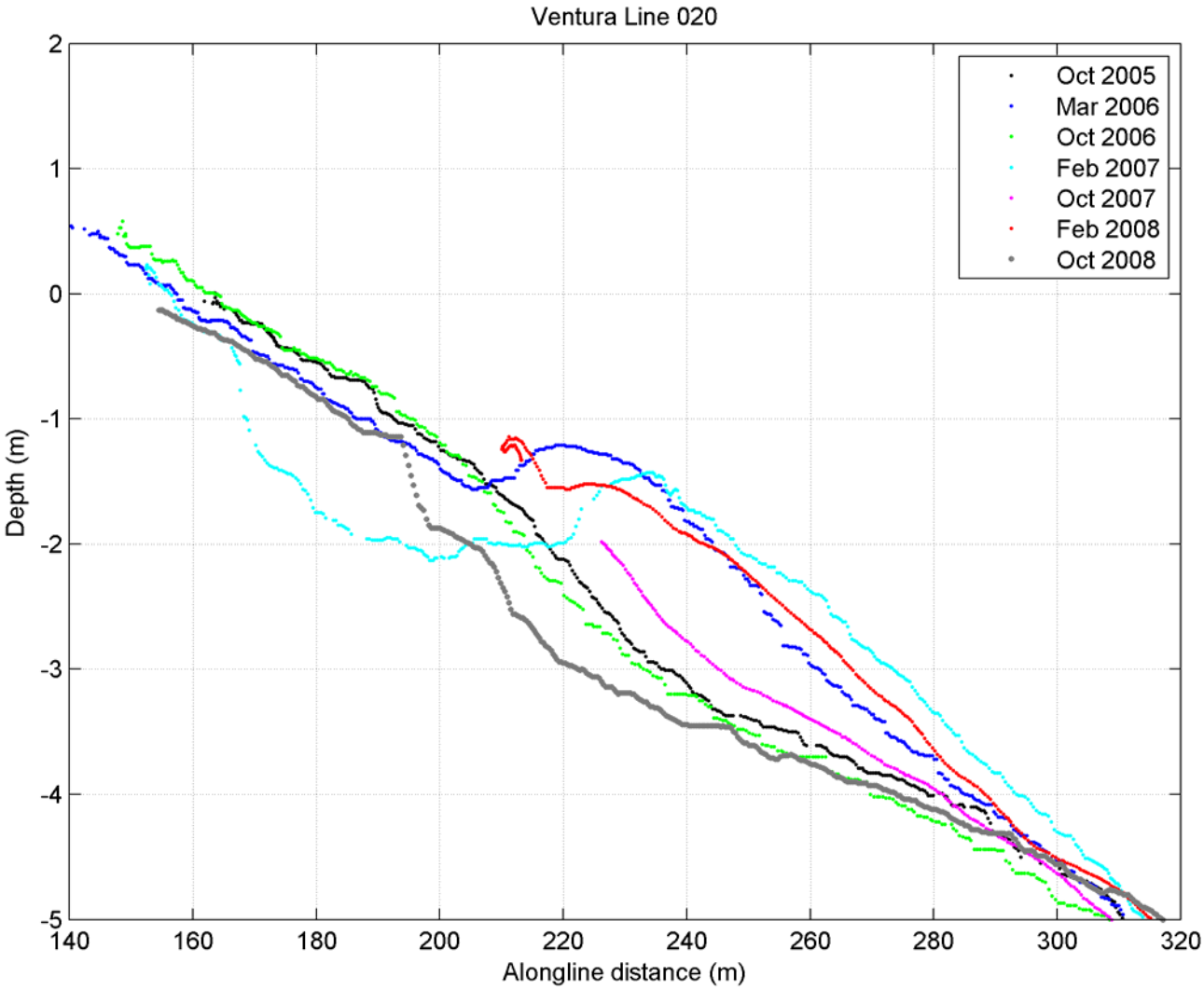

Ventura Line 015
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
2
1
0
-1
-2
-3
-4
-5
50
100
150
200
250
300
350

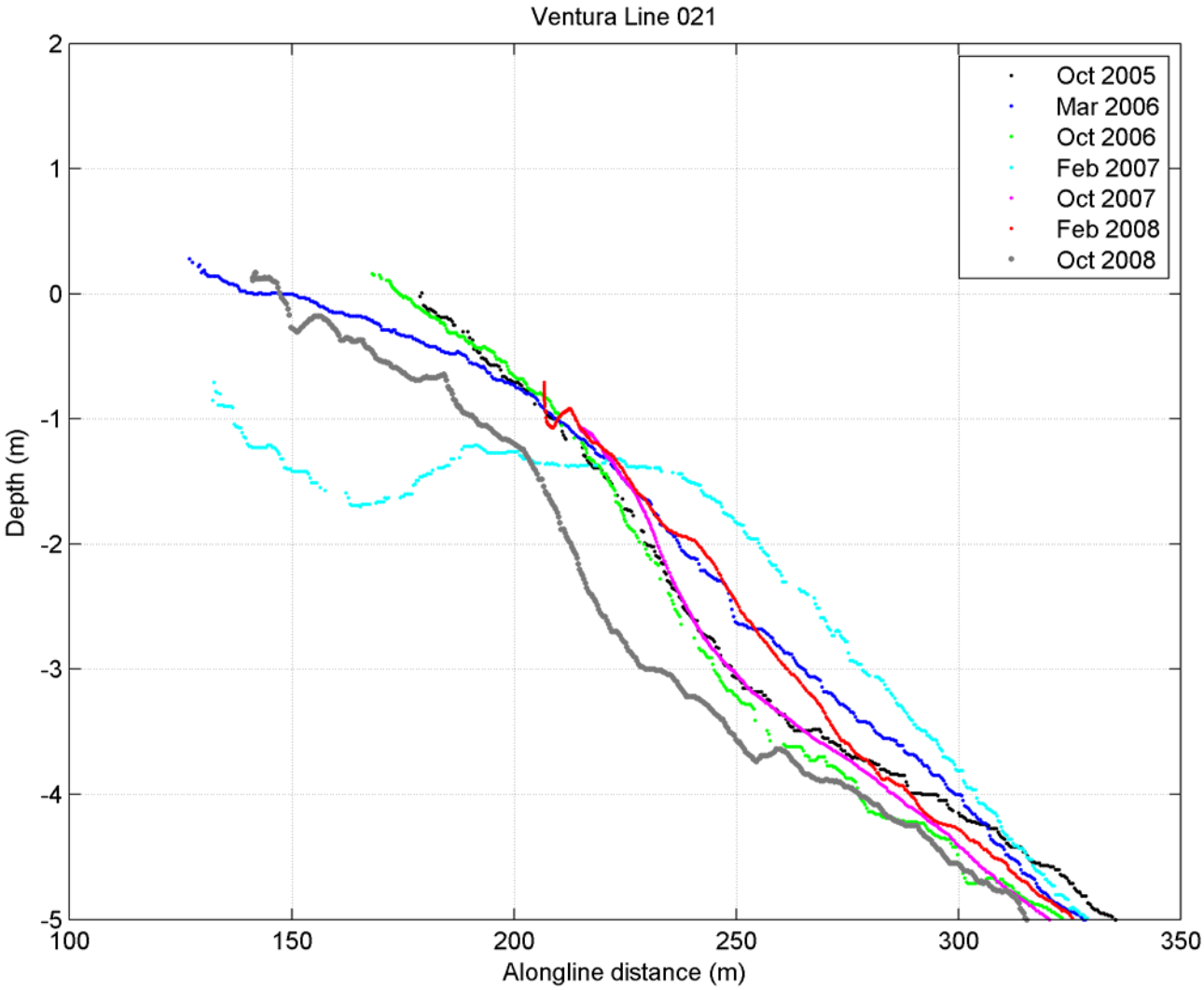

Ventura Line 016
Oct 2005
Mar 2006
Oct 2006
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
2
1
0
-1
-2
-3
-4
-5
0
50
100
150
200
250
300

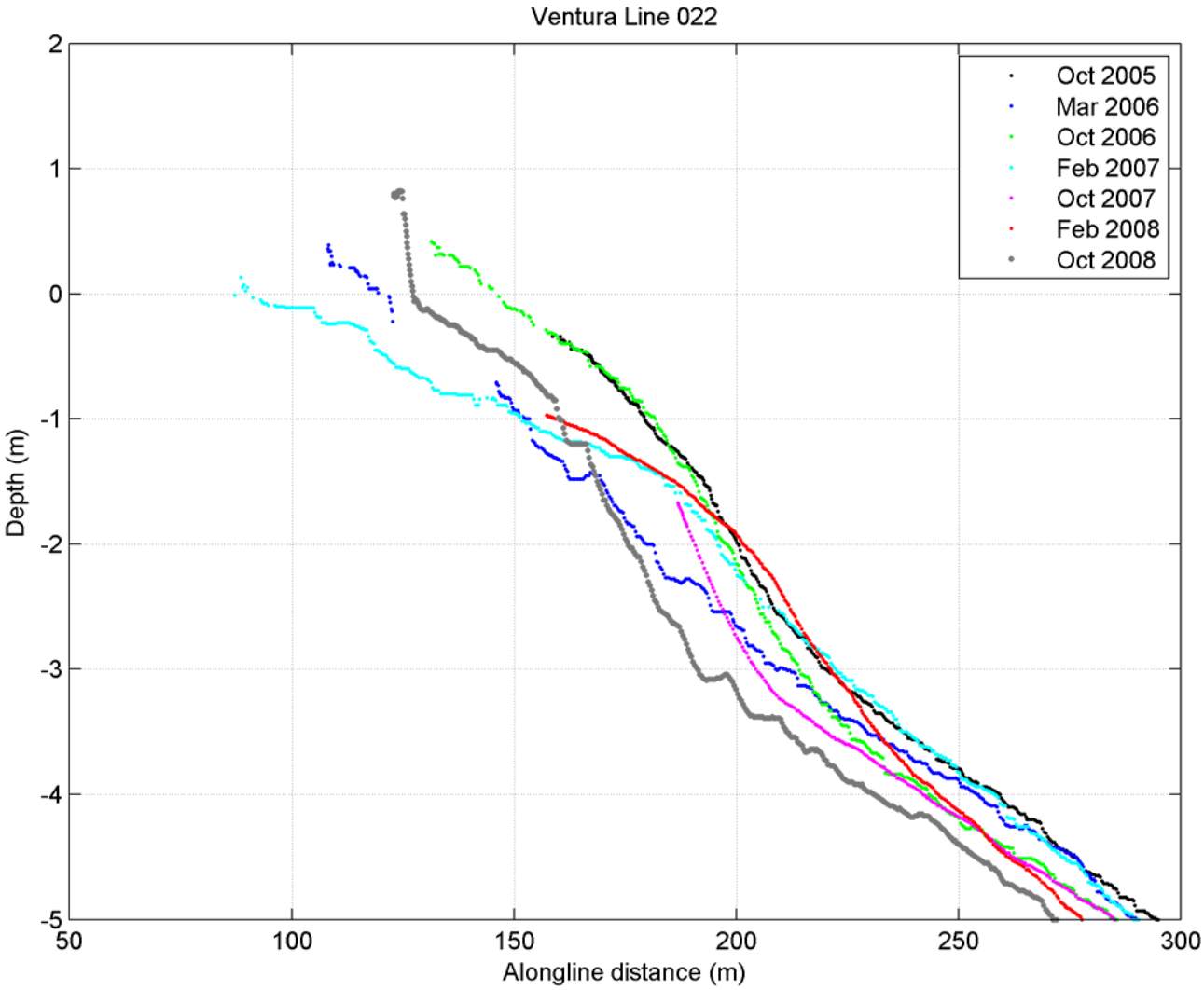

Ventura Line 017
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
2
1
0
-1
-2
-3
-4
-5
50
100
150
200
250
300

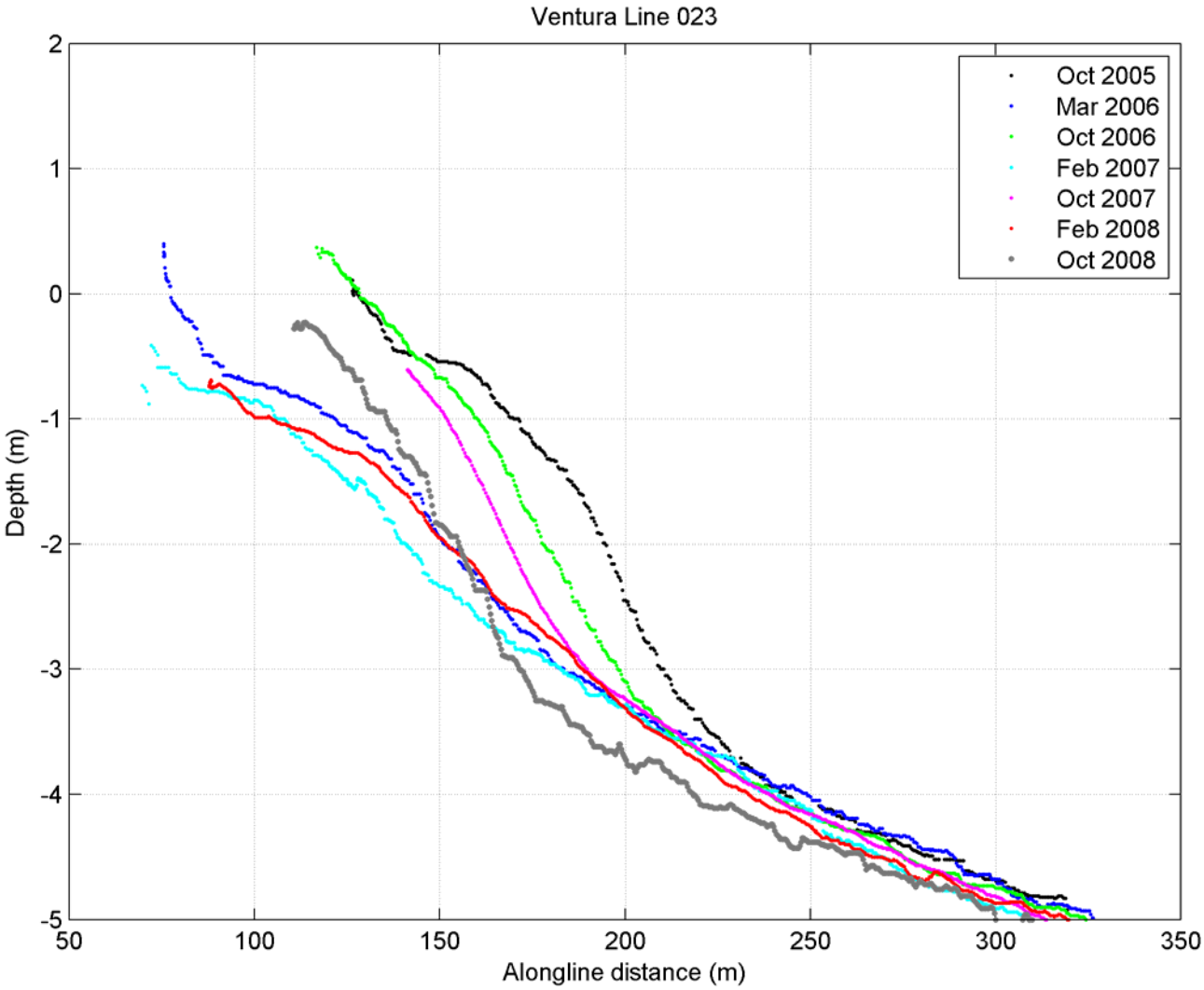

Ventura Line 018
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
2
1
0
-1
-2
-3
-4
-5
50
100
150
200
250
300

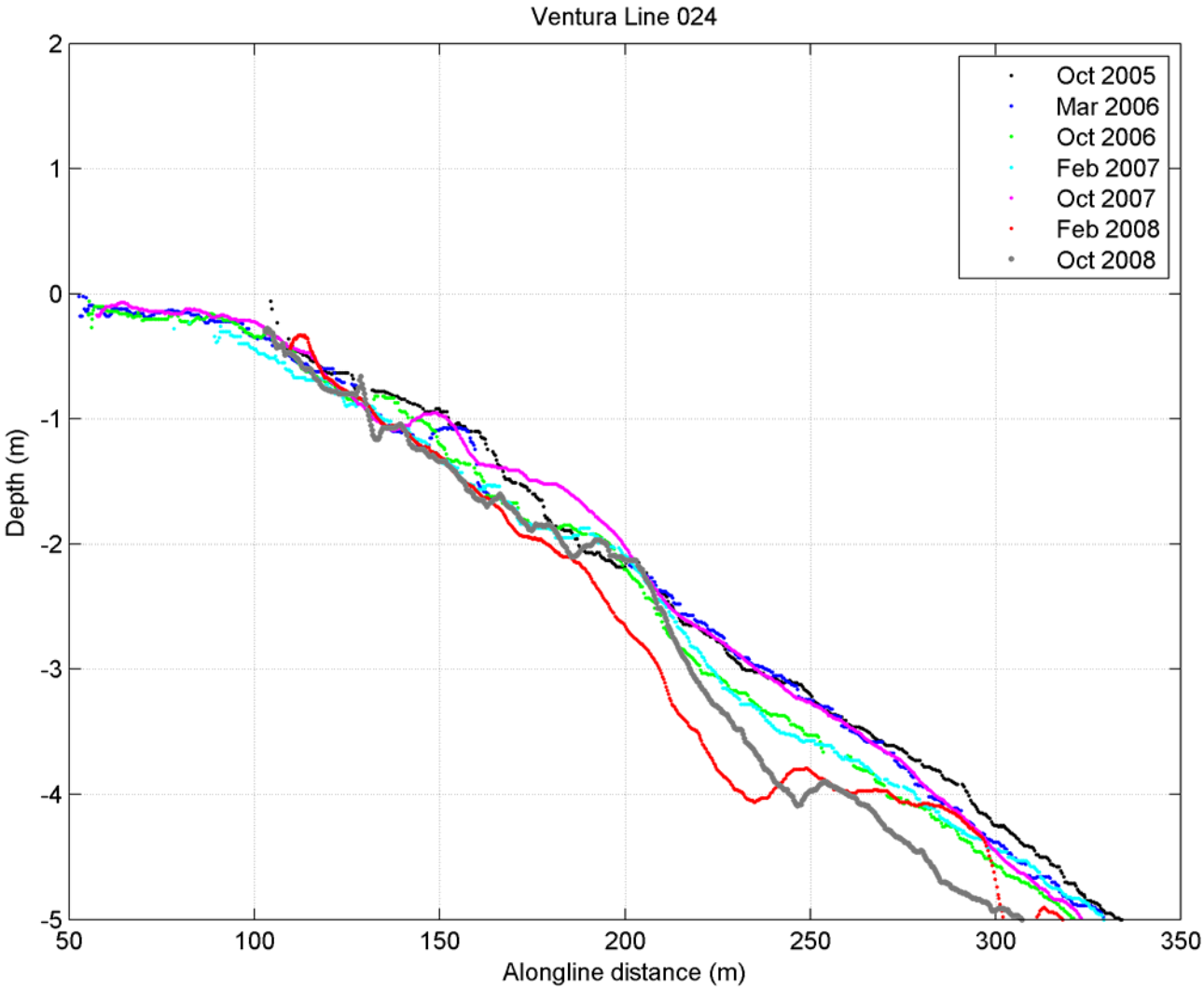

Ventura Line 019
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
2
1
0
-1
-2
-3
-4
-5
120
140
160
180
200
220
240
260
280
300

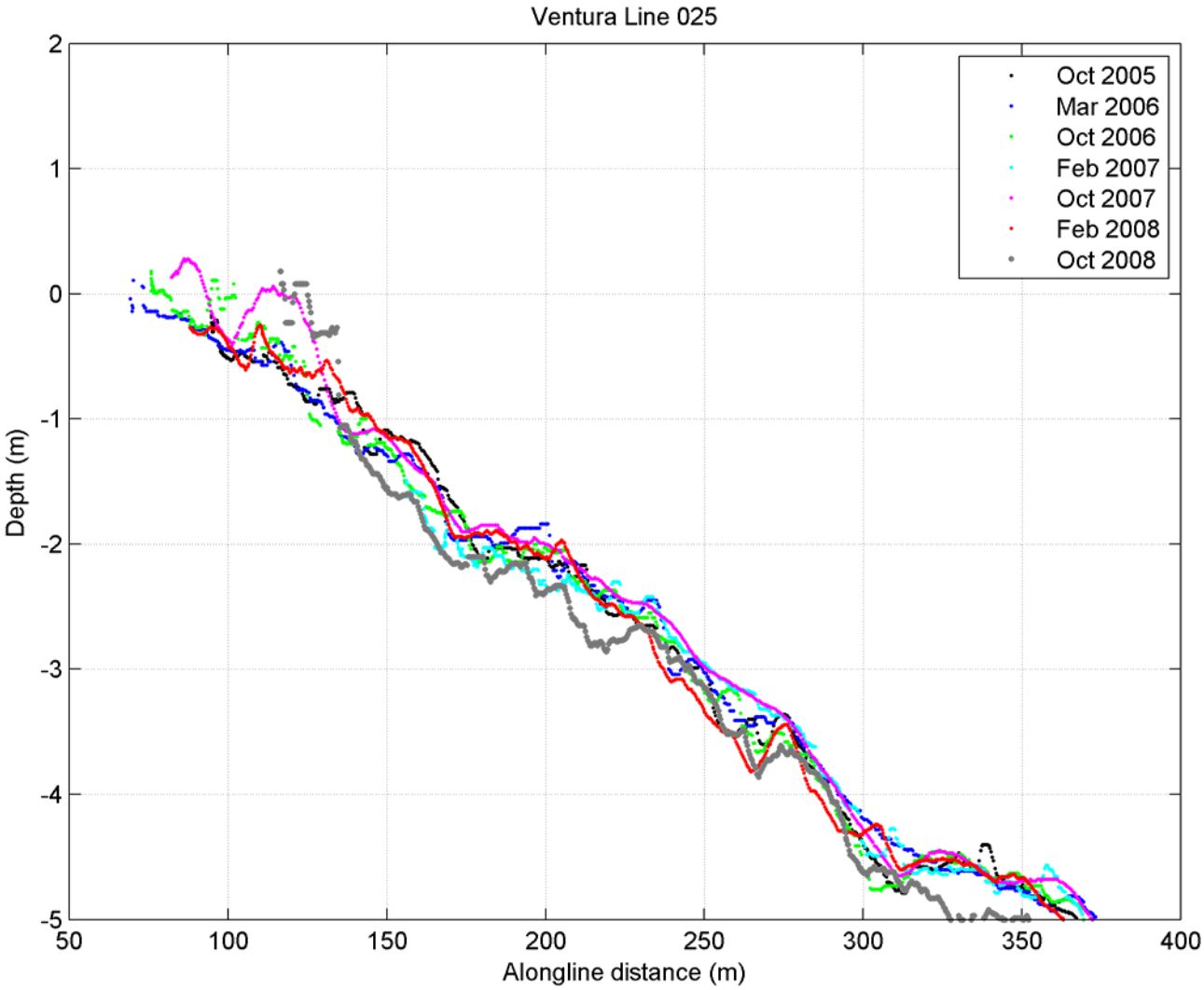

Ventura Line 020
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
2
1
0
-1
-2
-3
-4
-5
140
160
180
200
220
240
260
280
300
320

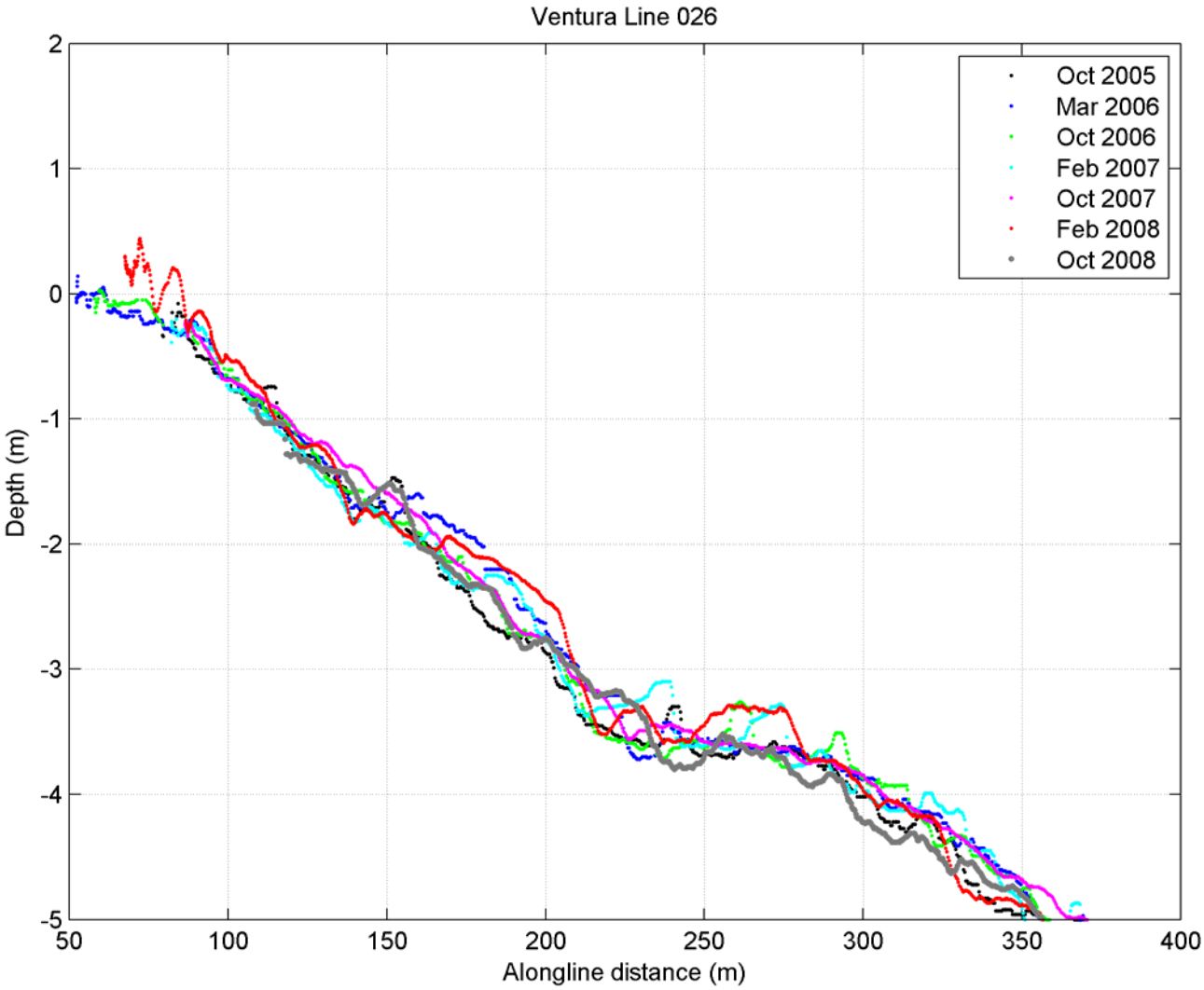

Ventura Line 021
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
2
1
0
-1
-2
-3
-4
-5
100
150
200
250
300
350

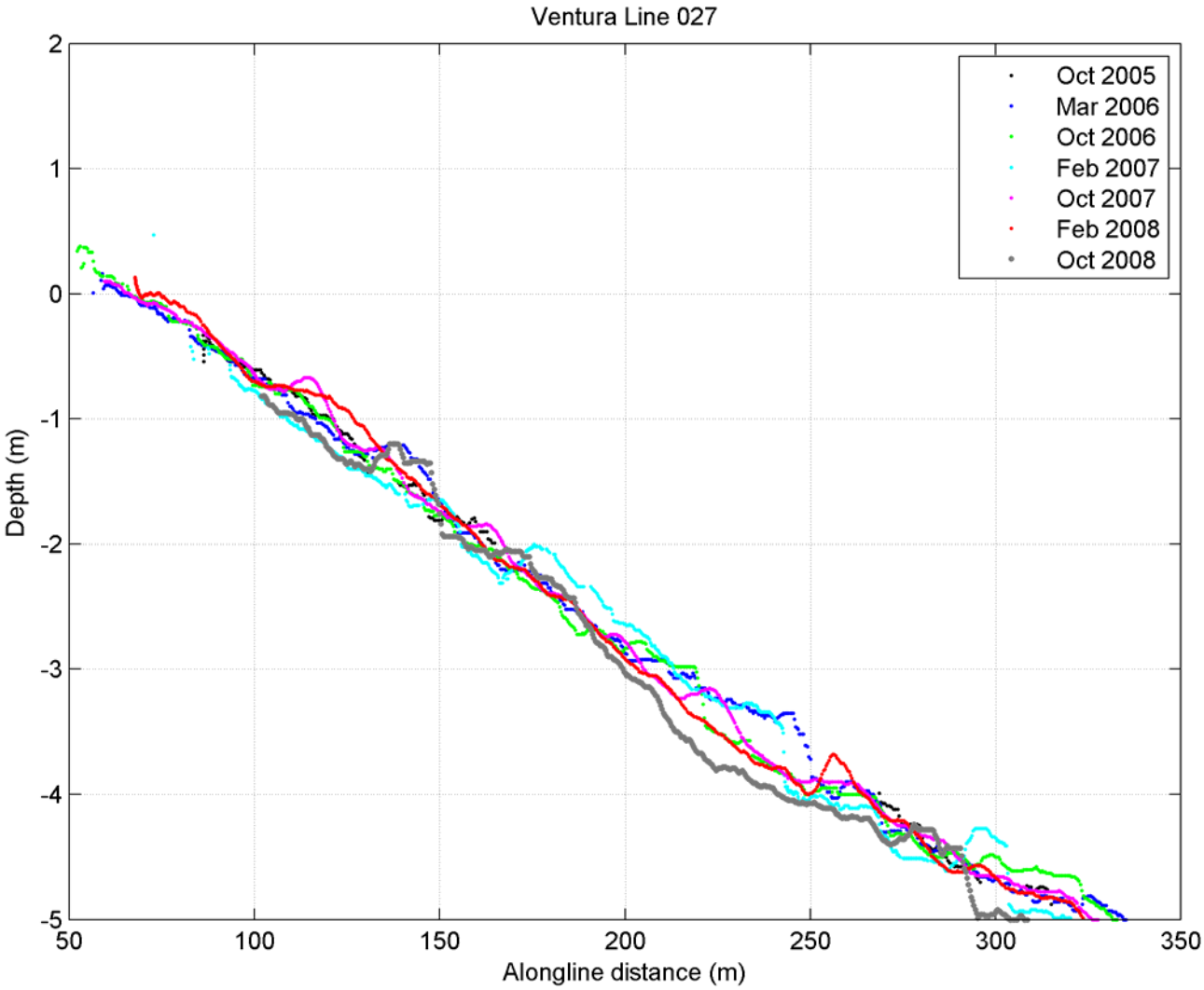

Ventura Line 022
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
2
1
0
-1
-2
-3
-4
-5
50
100
150
200
250
300

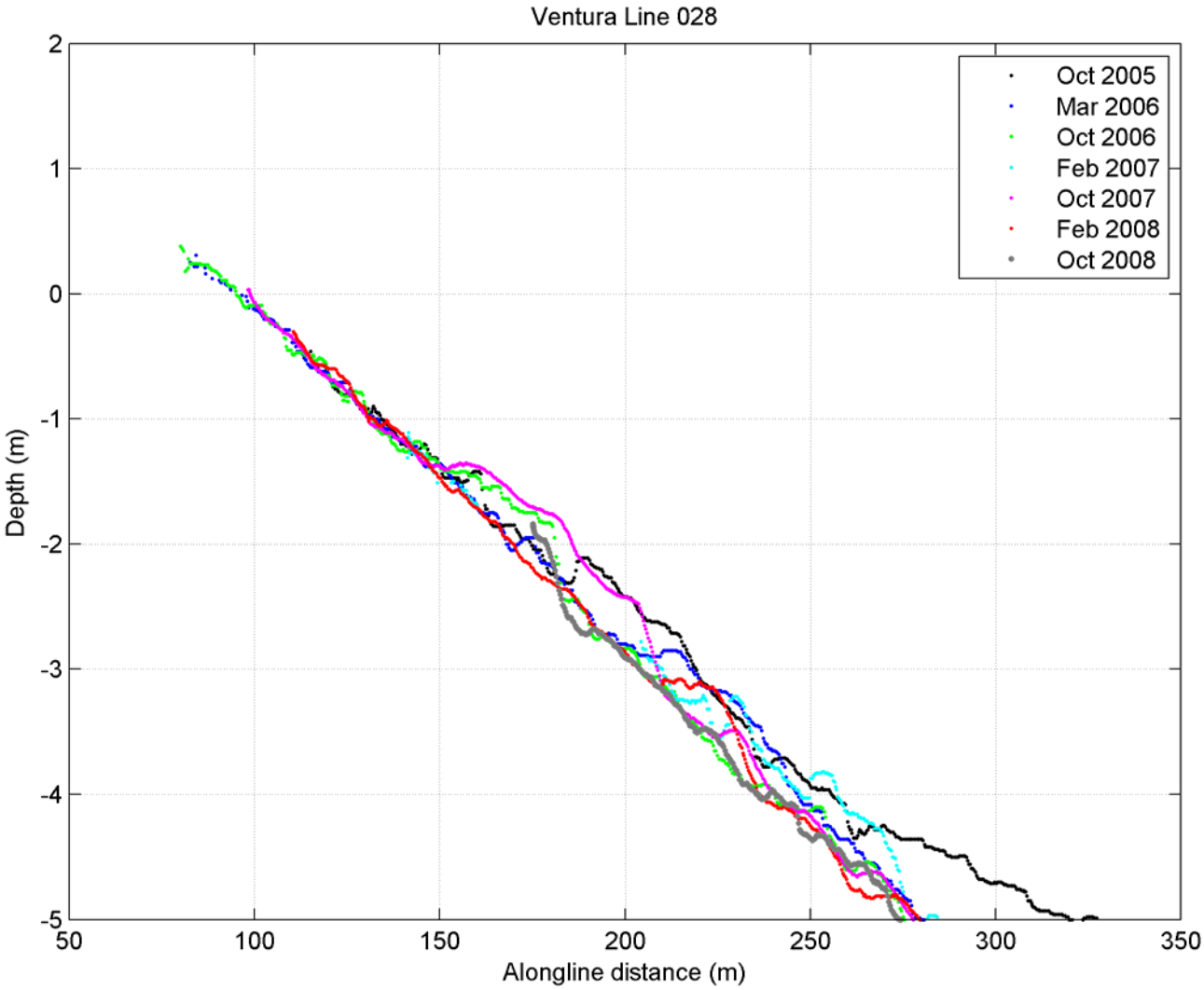

Ventura Line 023
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
2
1
0
-1
-2
-3
-4
-5
50
100
150
200
250
300
350

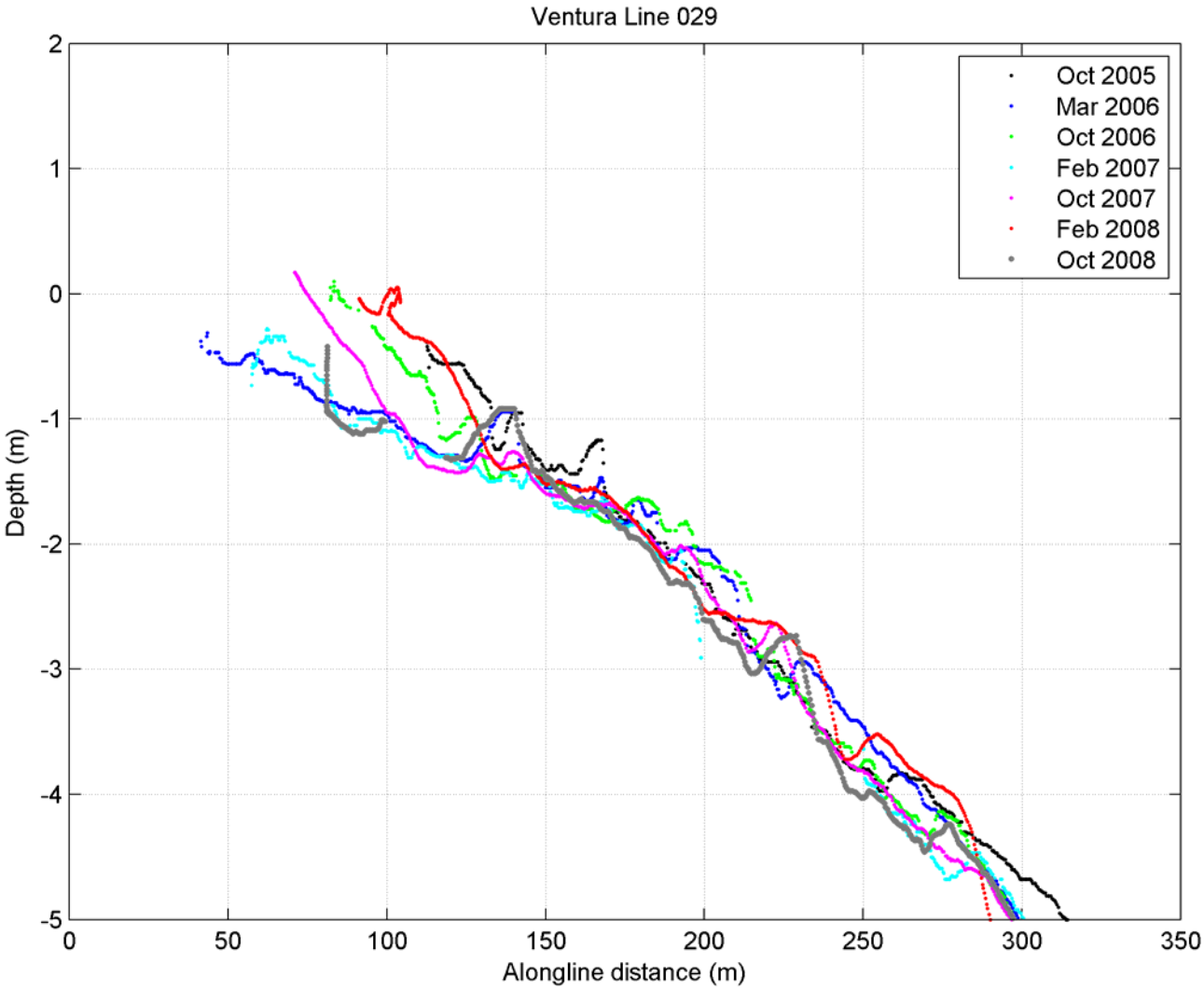

Ventura Line 024
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
2
1
0
-1
-2
-3
-4
-5
50
100
150
200
250
300
350

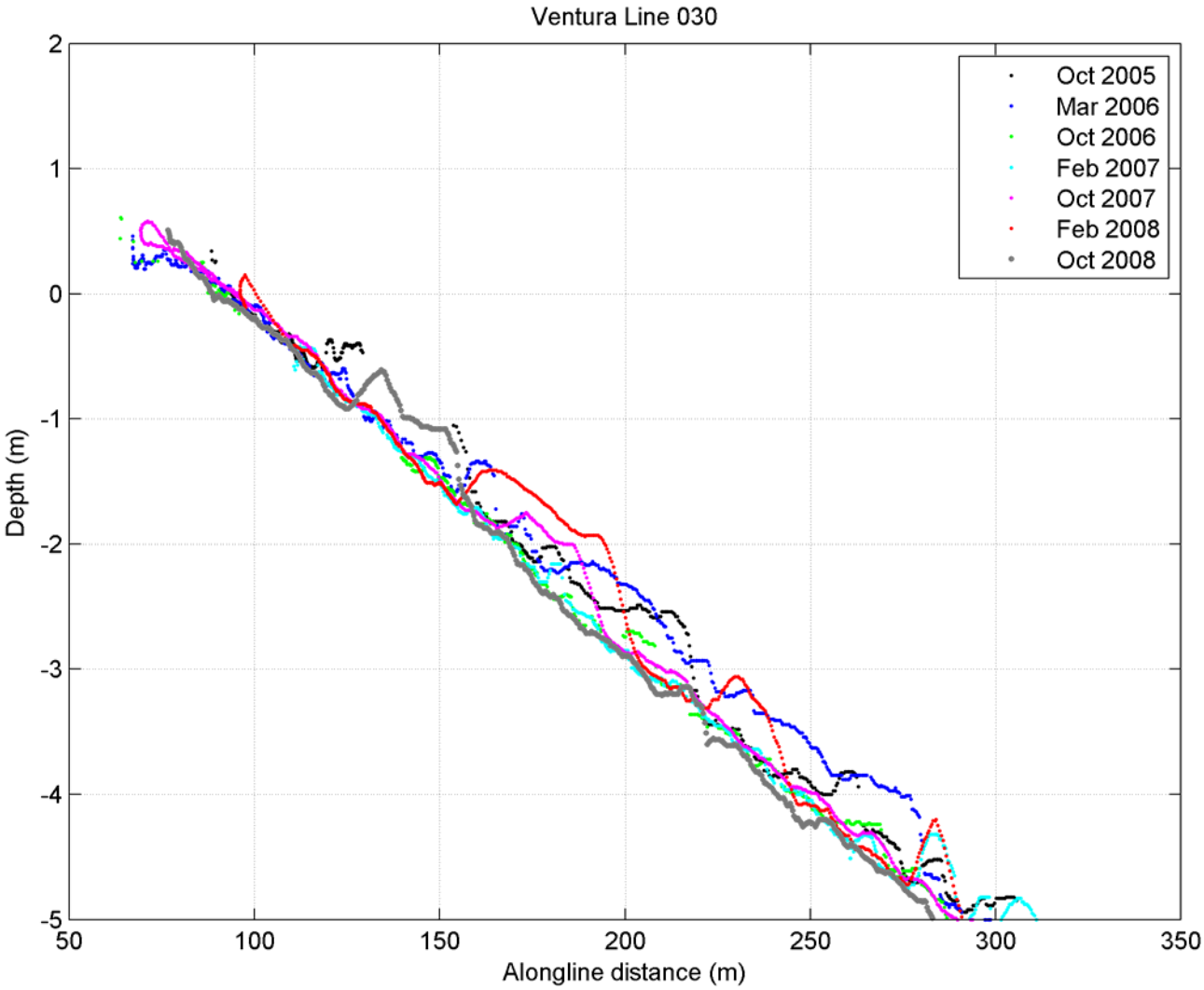

Ventura Line 025
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
2
1
0
-1
-2
-3
-4
-5
50
100
150
200
250
300
350
400

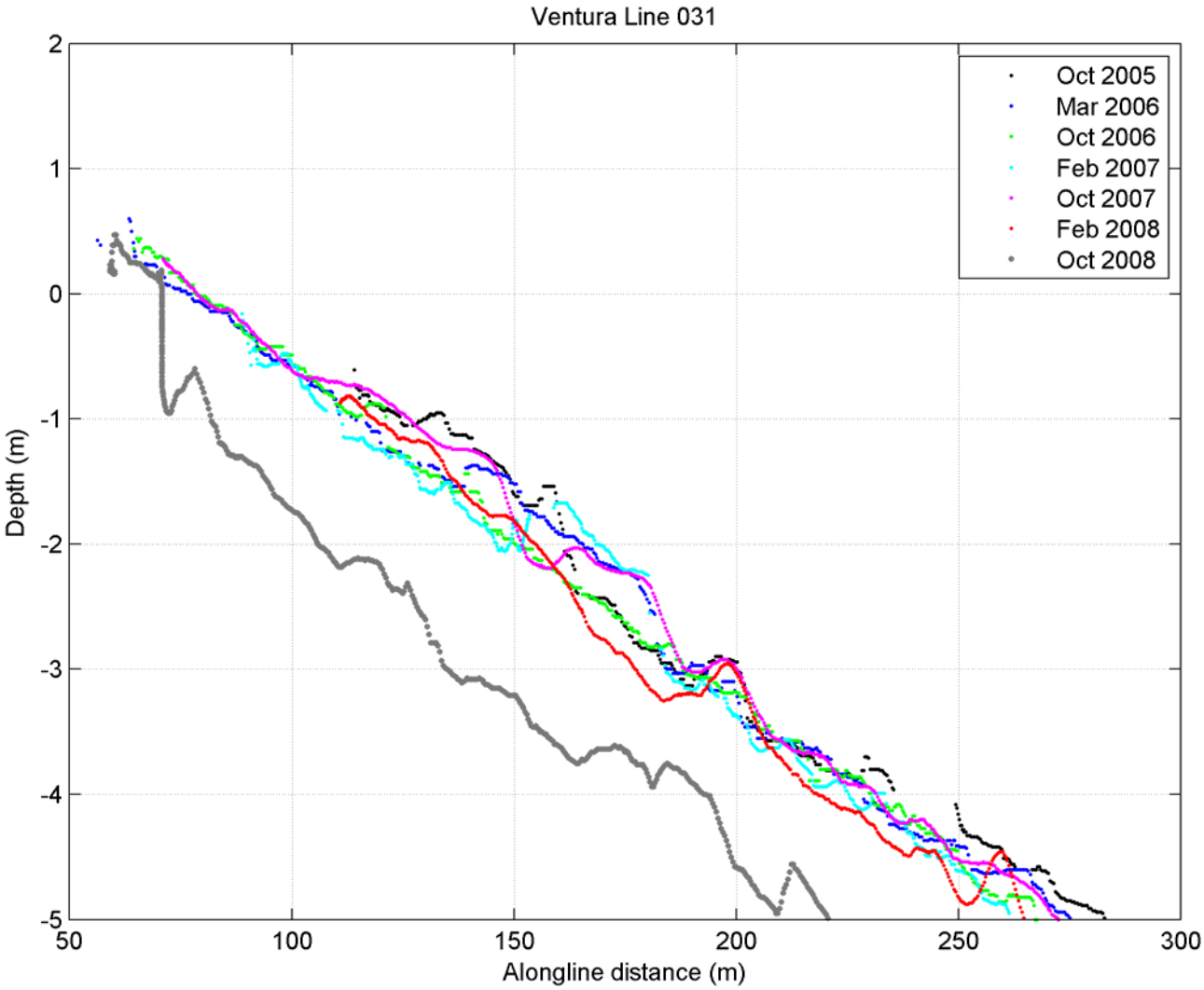

Ventura Line 026
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
2
1
0
-1
-2
-3
-4
-5
50
100
150
200
250
300
350
400

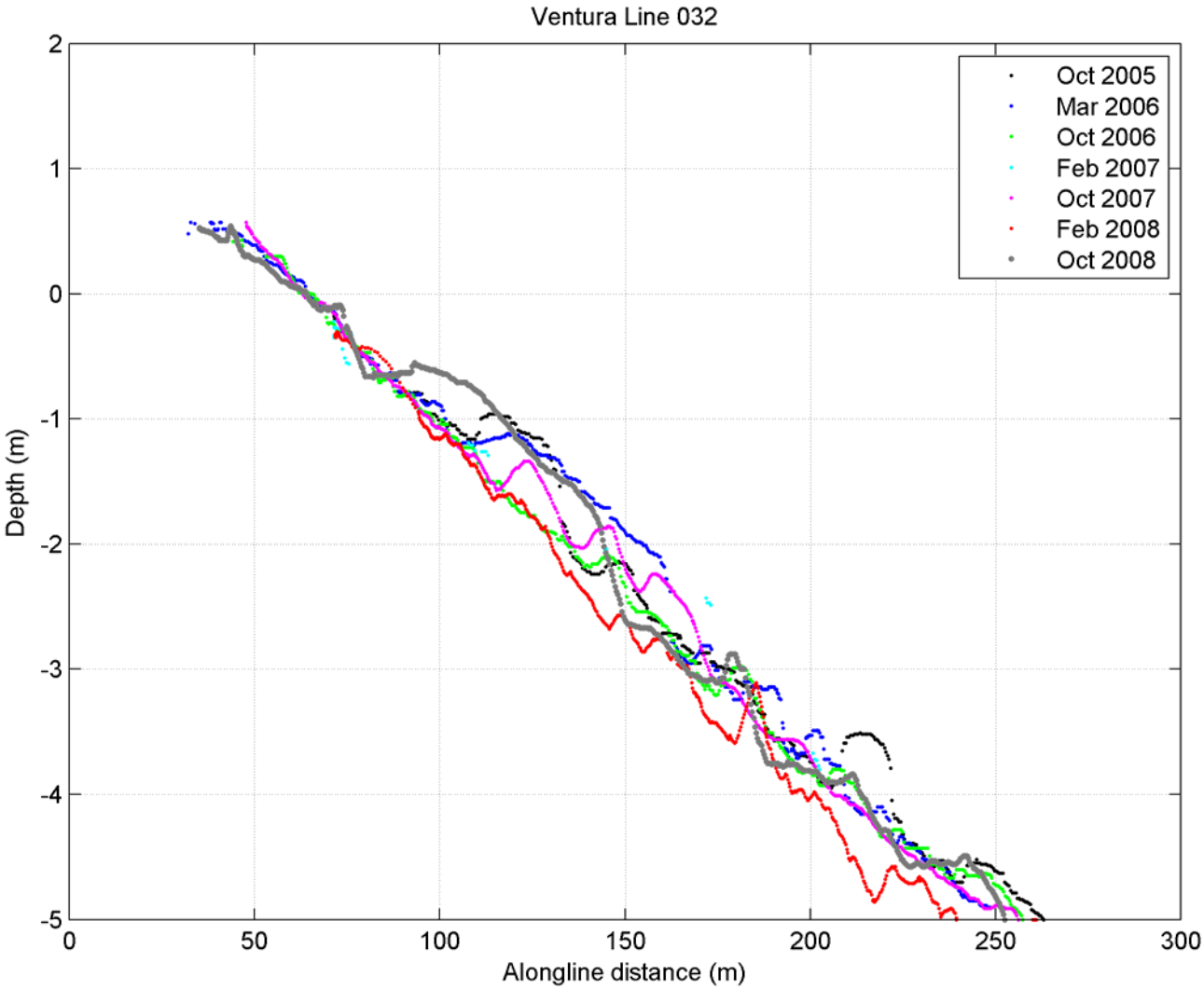

Ventura Line 027
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
2
1
0
-1
-2
-3
-4
-5
50
100
150
200
250
300
350

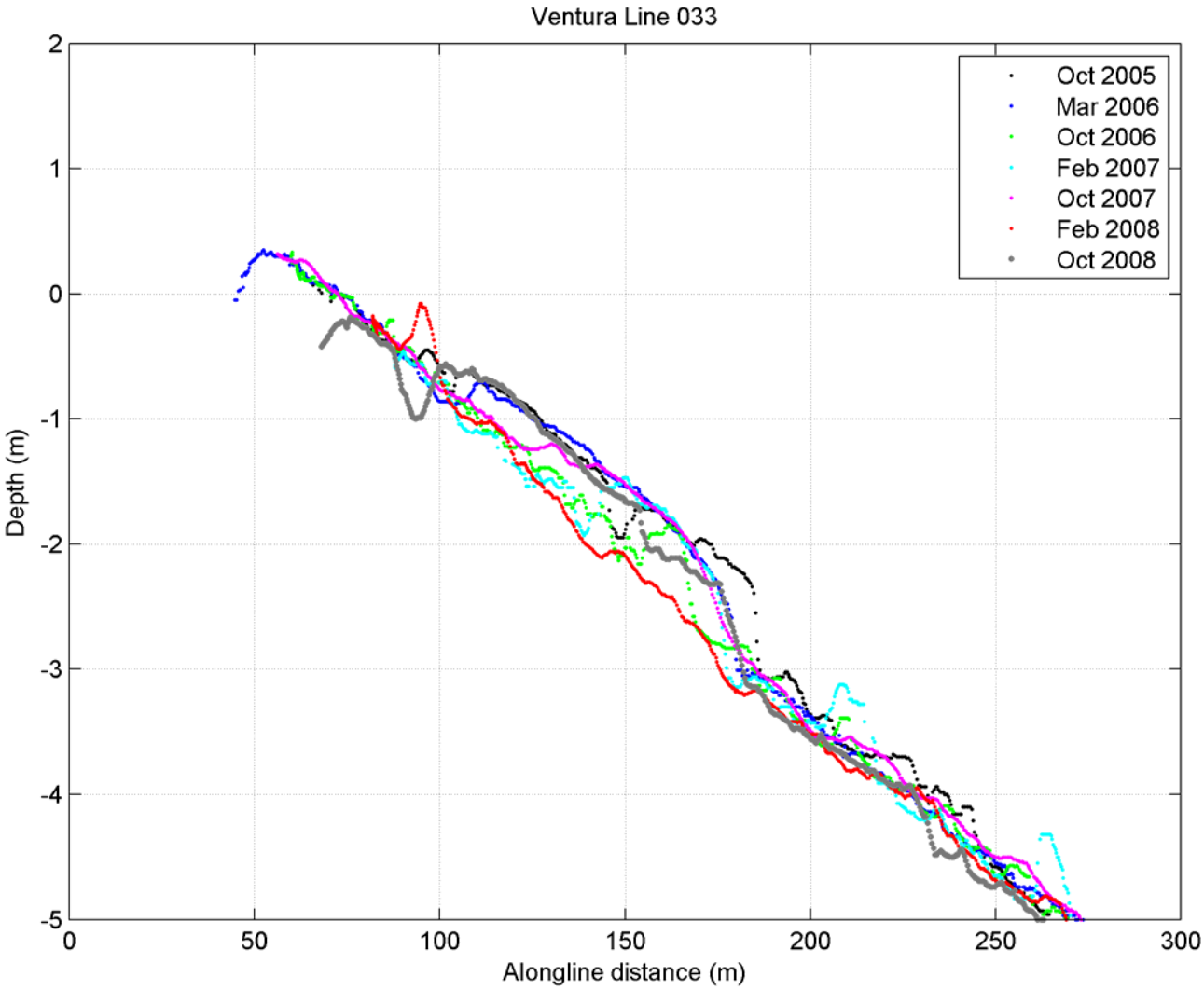

Ventura Line 028
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
2
1
0
-1
-2
-3
-4
-5
50
100
150
200
250
300
350

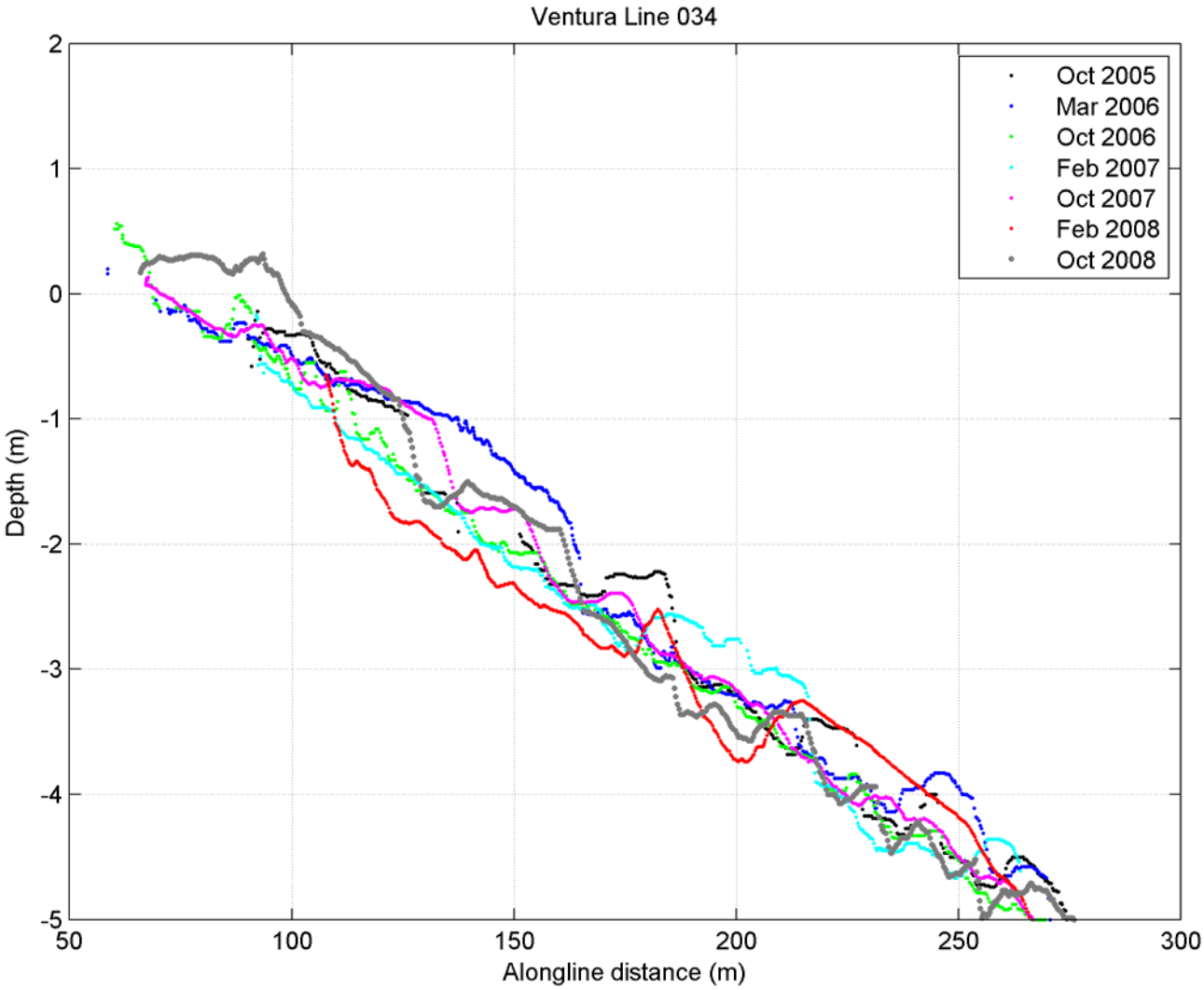

Ventura Line 029
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
2
1
0
-1
-2
-3
-4
-5
0
50
100
150
200
250
300
350

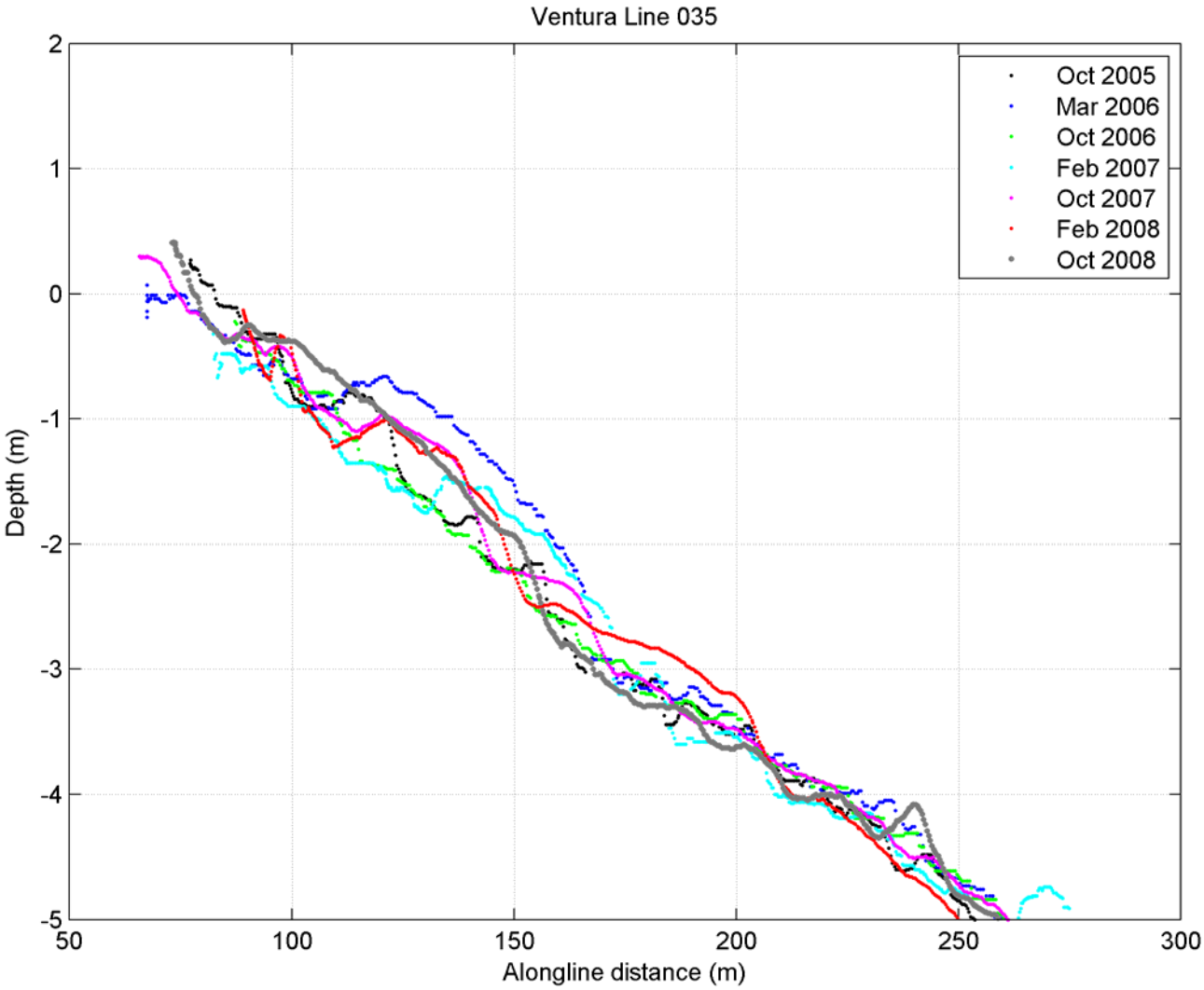

Ventura Line 030
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
2
1
0
-1
-2
-3
-4
-5
50
100
150
200
250
300
350

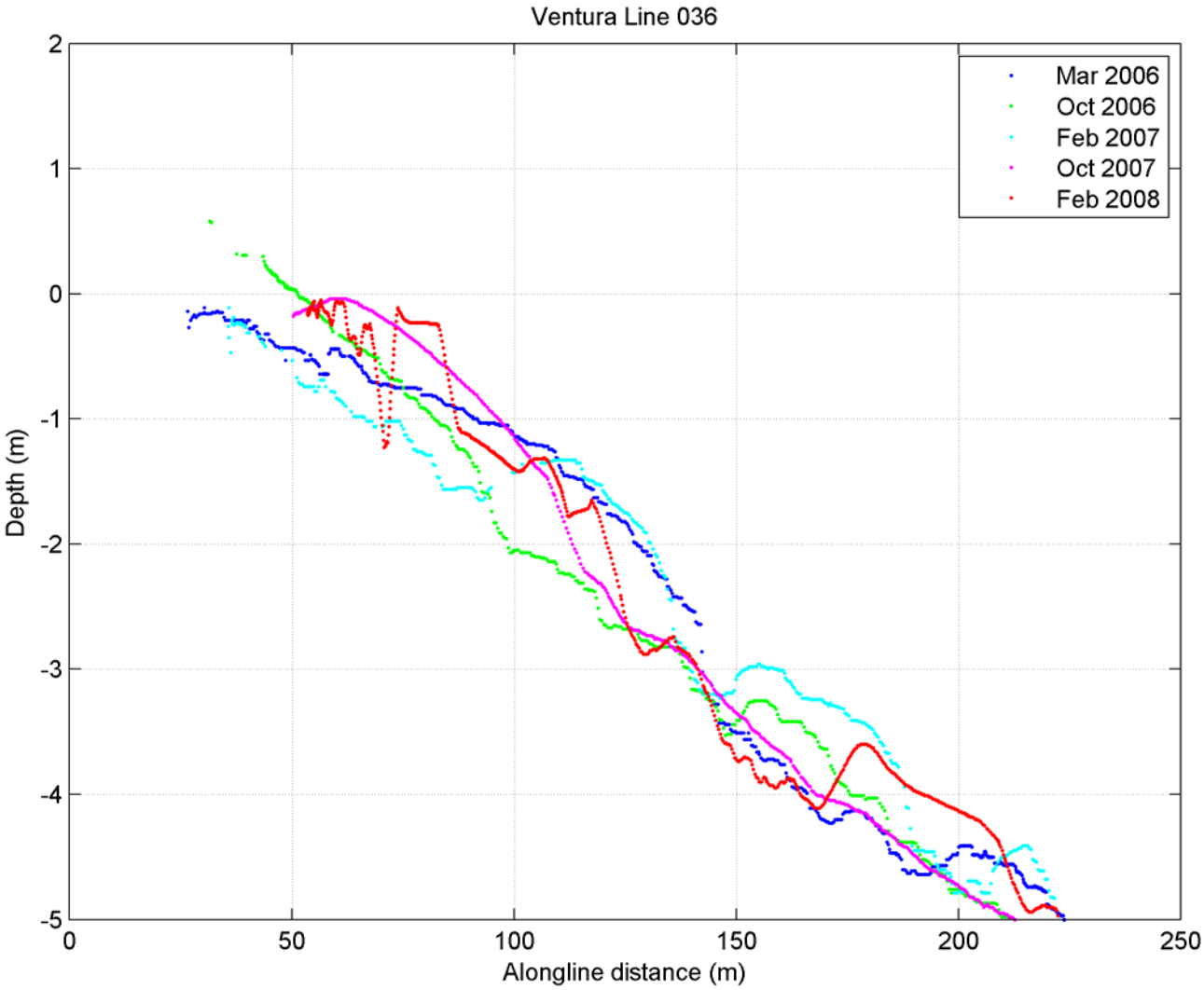

Ventura Line 031
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
2
1
0
-1
-2
-3
-4
-5
50
100
150
200
250
300

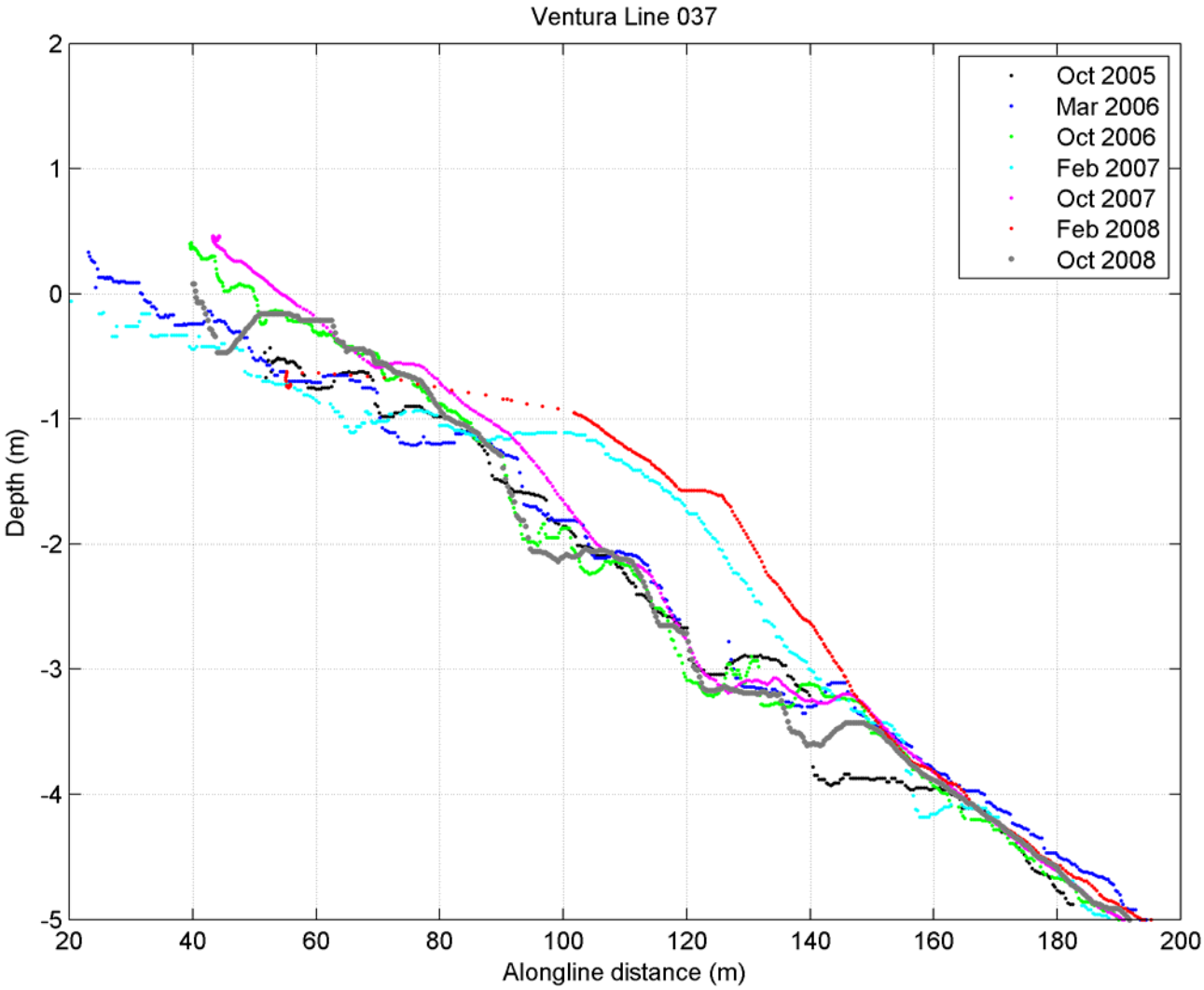

Ventura Line 032
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
2
1
0
-1
-2
-3
-4
-5
0
50
100
150
200
250
300

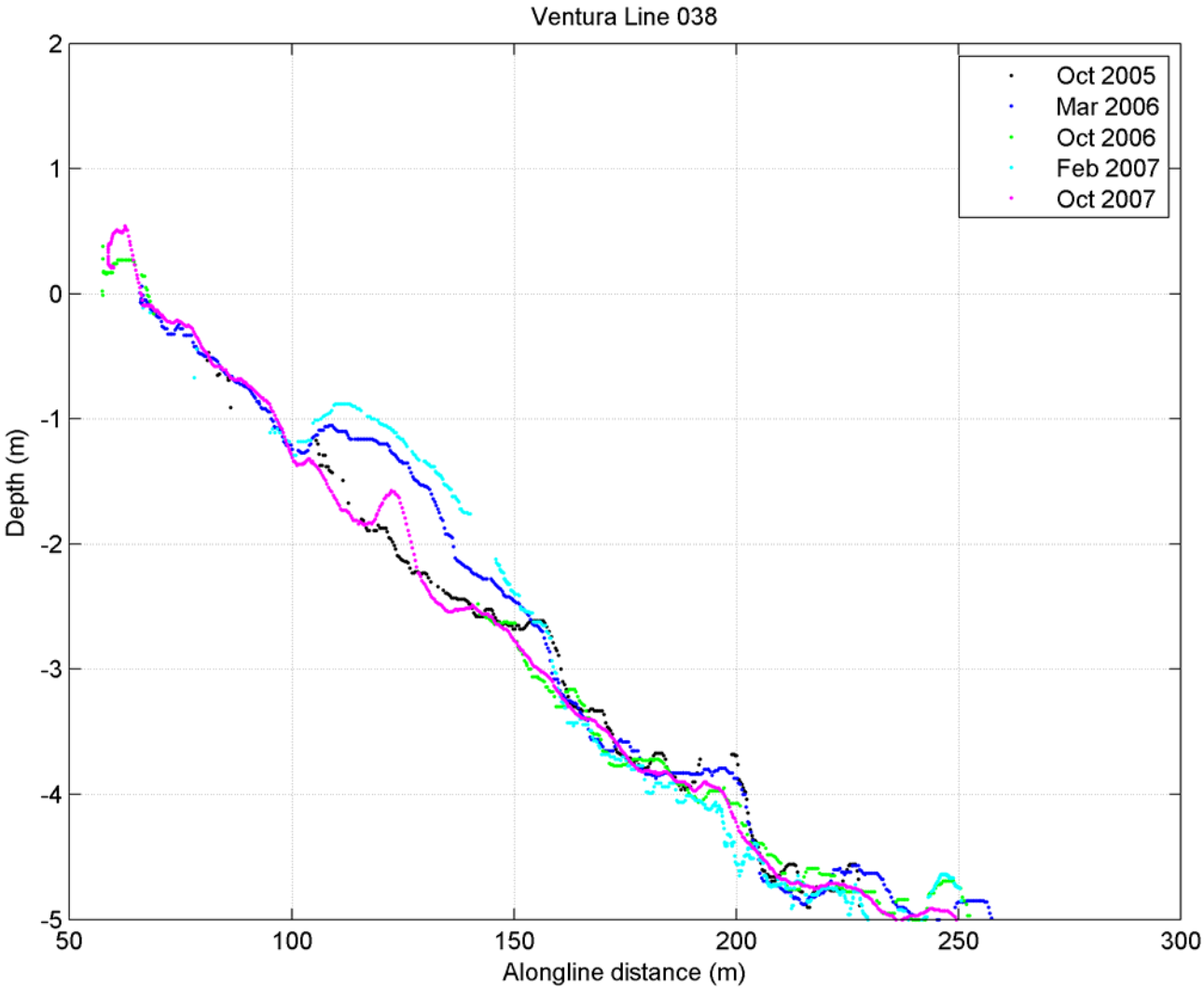

Ventura Line 033
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
2
1
0
-1
-2
-3
-4
-5
0
50
100
150
200
250
300

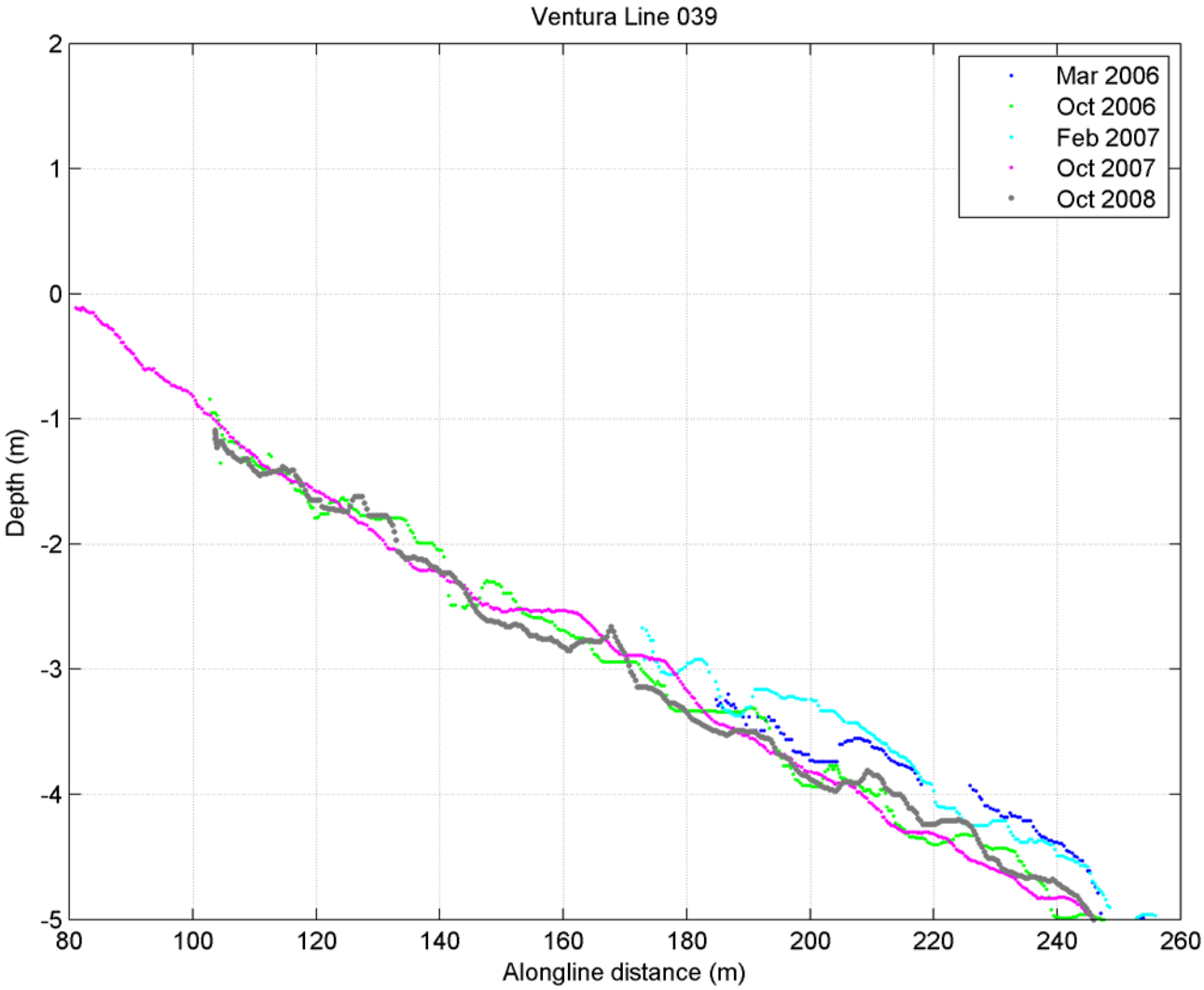

Ventura Line 034
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
2
1
0
-1
-2
-3
-4
-5
50
100
150
200
250
300

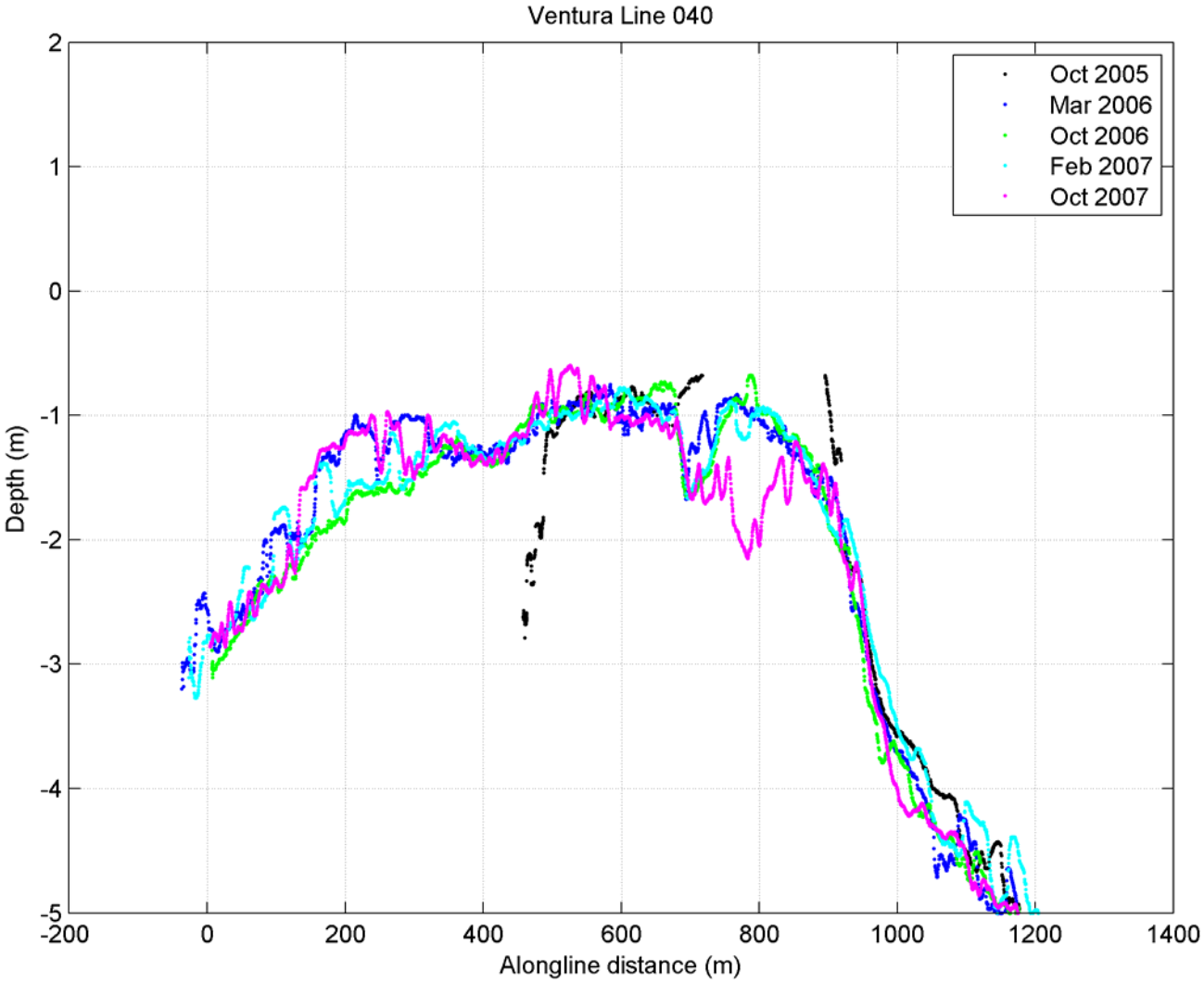

Ventura Line 035
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
2
1
0
-1
-2
-3
-4
-5
50
100
150
200
250
300

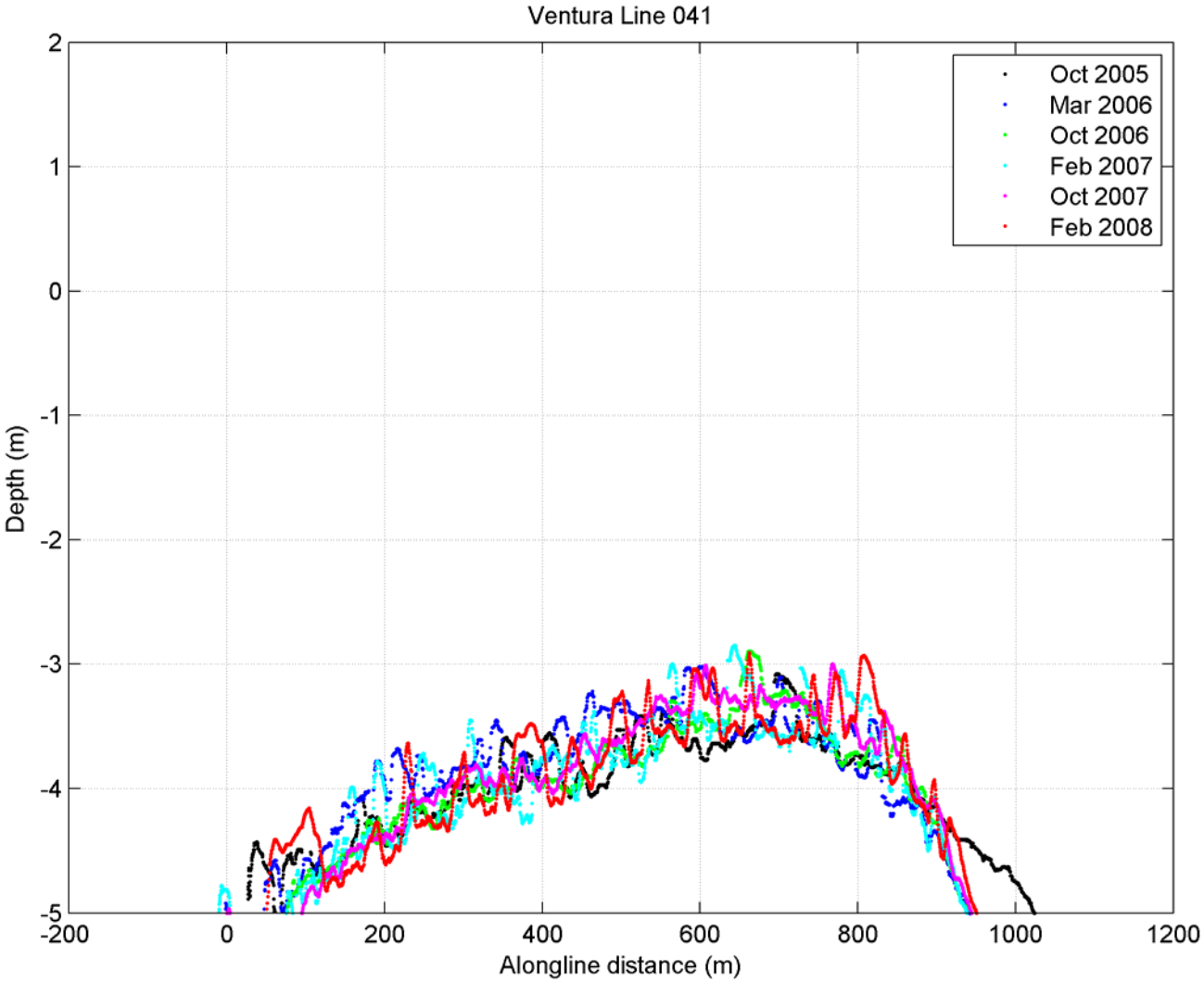

Ventura Line 036
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Depth (m)
Alongline distance (m)
2
1
0
-1
-2
-3
-4
-5
0
50
100
150
200
250

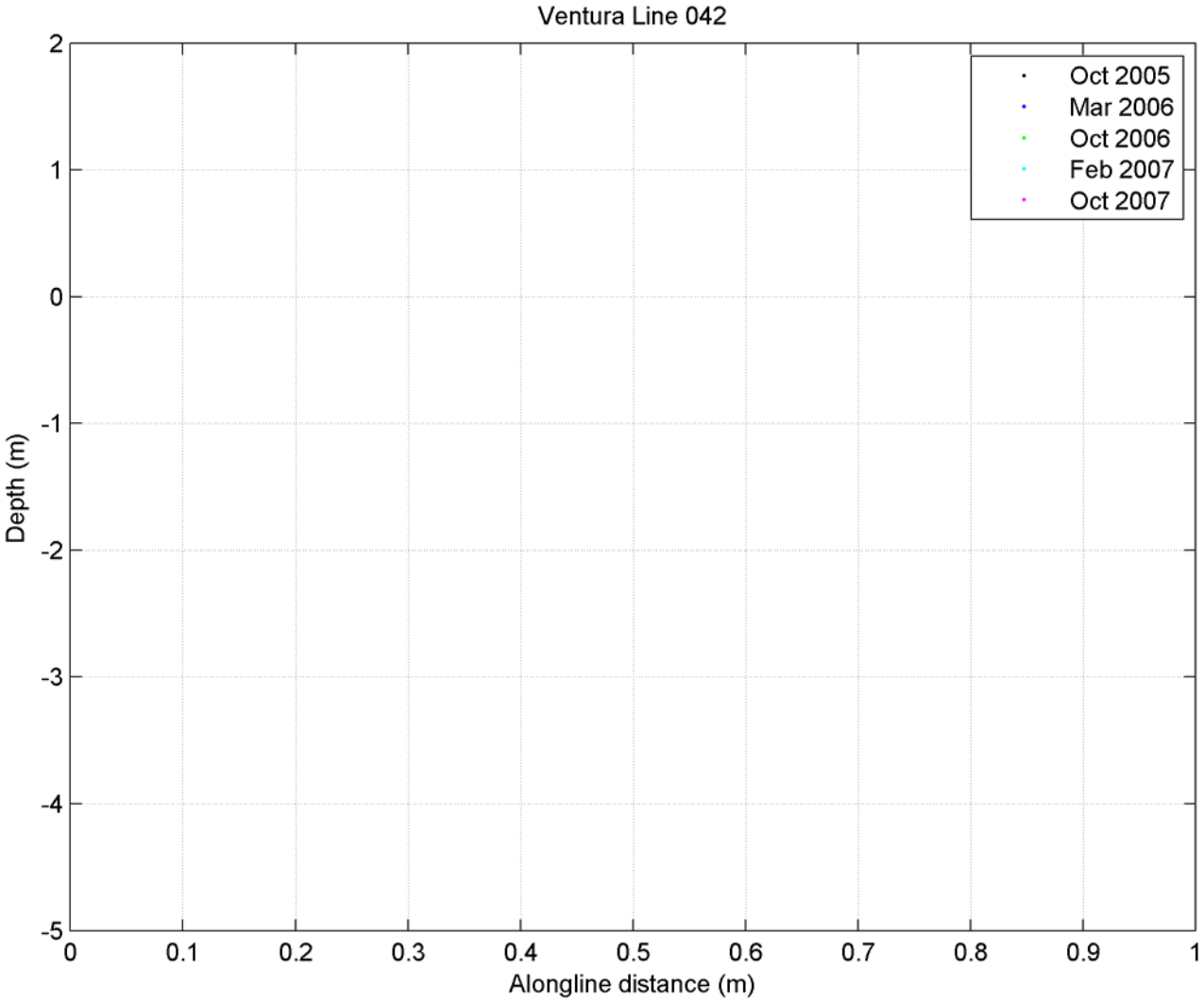

Ventura Line 037
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Oct 2008
Depth (m)
Alongline distance (m)
2
1
0
-1
-2
-3
-4
-5
20
40
60
80
100
120
140
160
180
200

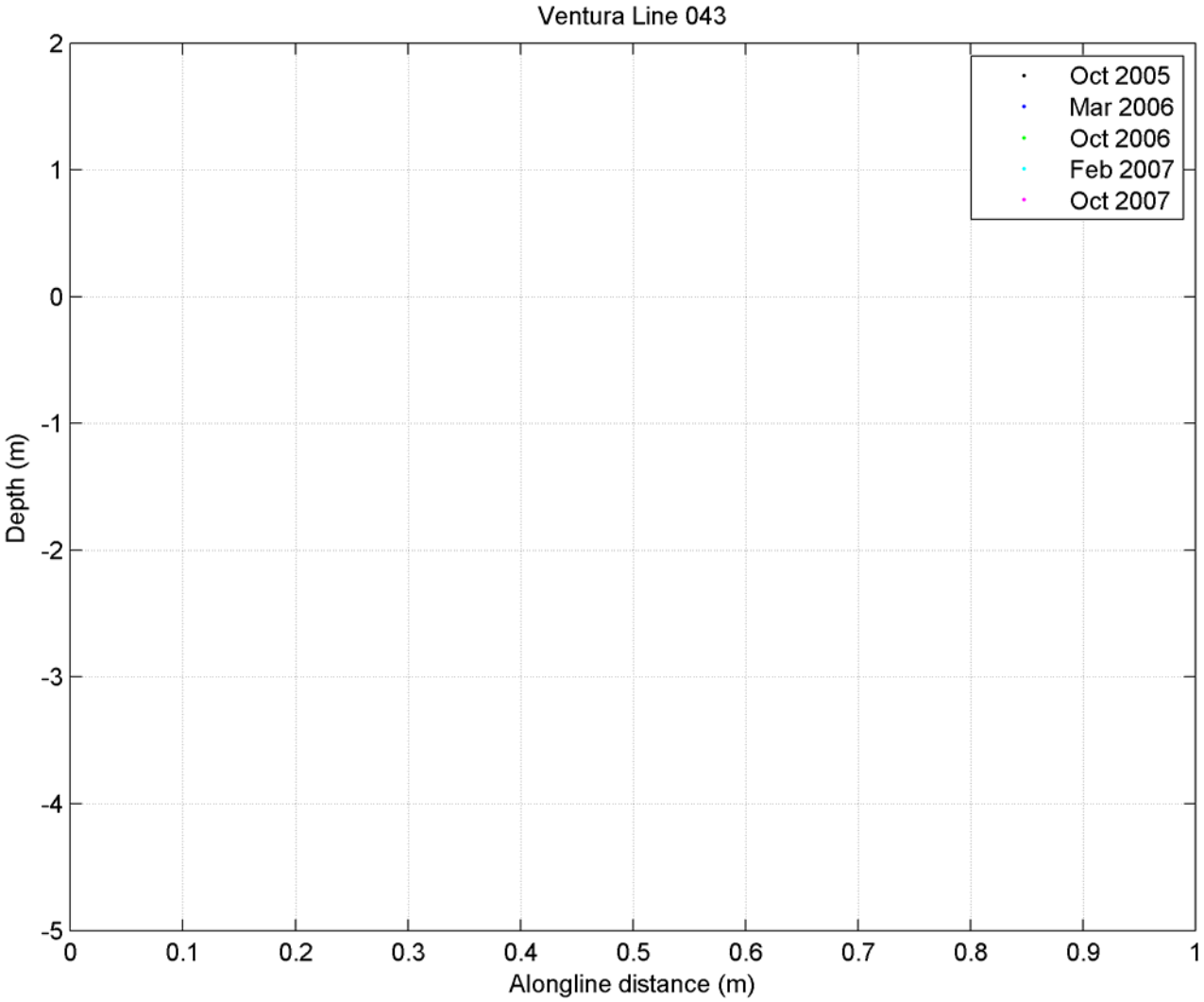

Ventura Line 038
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Depth (m)
Alongline distance (m)
2
1
0
-1
-2
-3
-4
-5
50
100
150
200
250
300

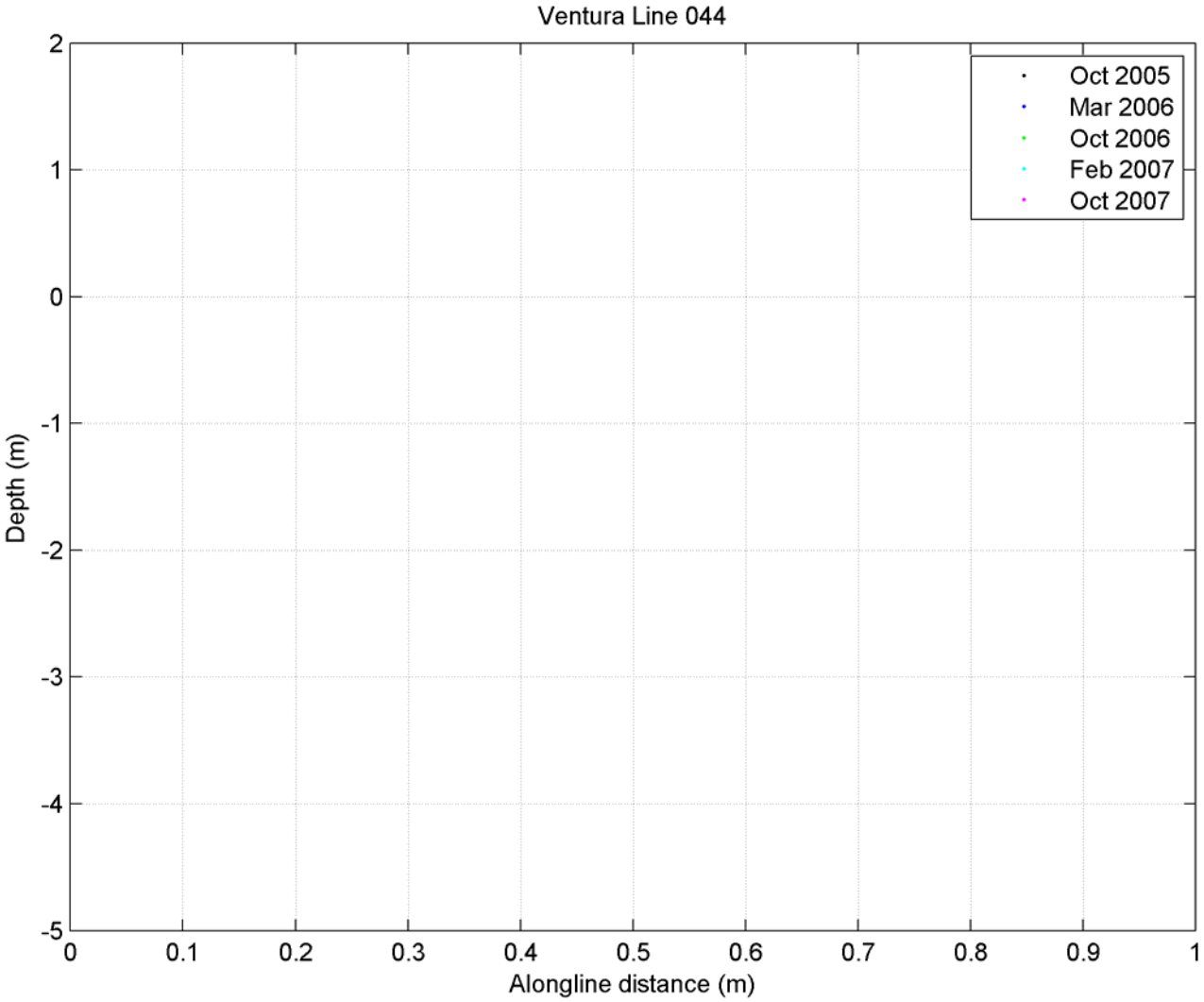

Ventura Line 039
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Oct 2008
Depth (m)
Alongline distance (m)
2
1
0
-1
-2
-3
-4
-5
80
100
120
140
160
180
200
220
240
260

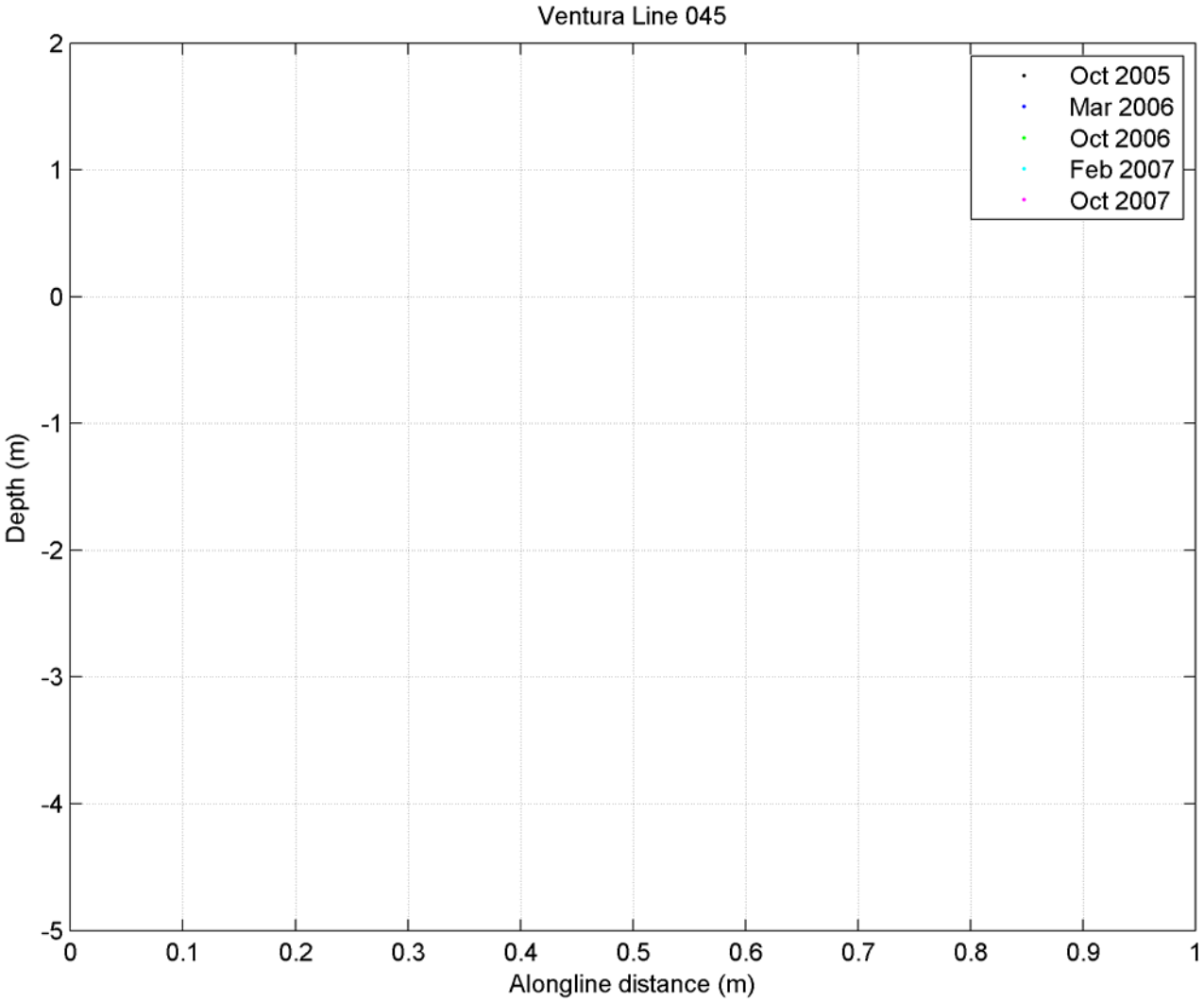

Ventura Line 040
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Depth (m)
Alongline distance (m)
2
1
0
-1
-2
-3
-4
-5
-200
0
200
400
600
800
1000
1200
1400

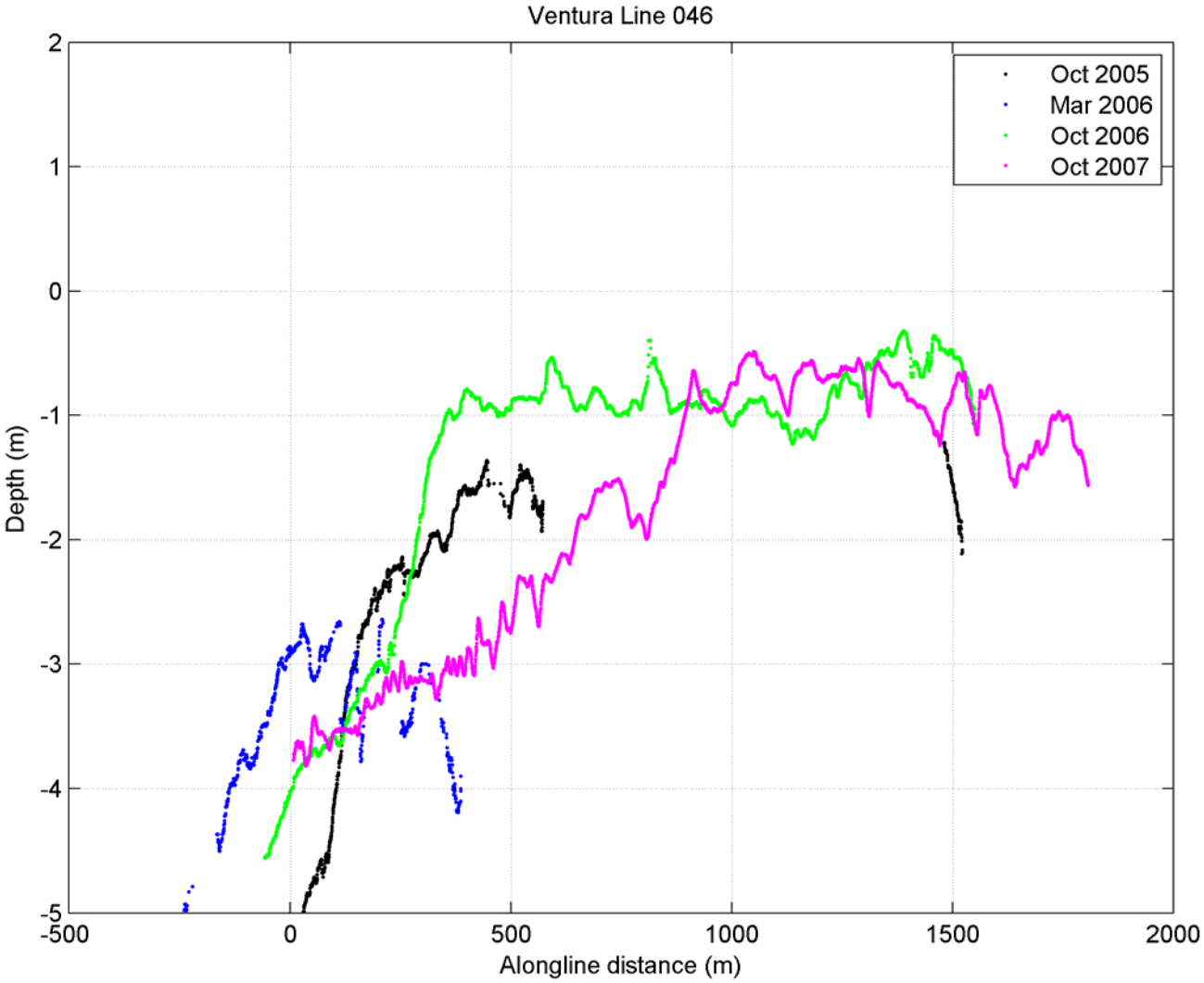

Ventura Line 041
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Depth (m)
Alongline distance (m)
2
1
0
-1
-2
-3
-4
-5
-200
0
200
400
600
800
1000
1200

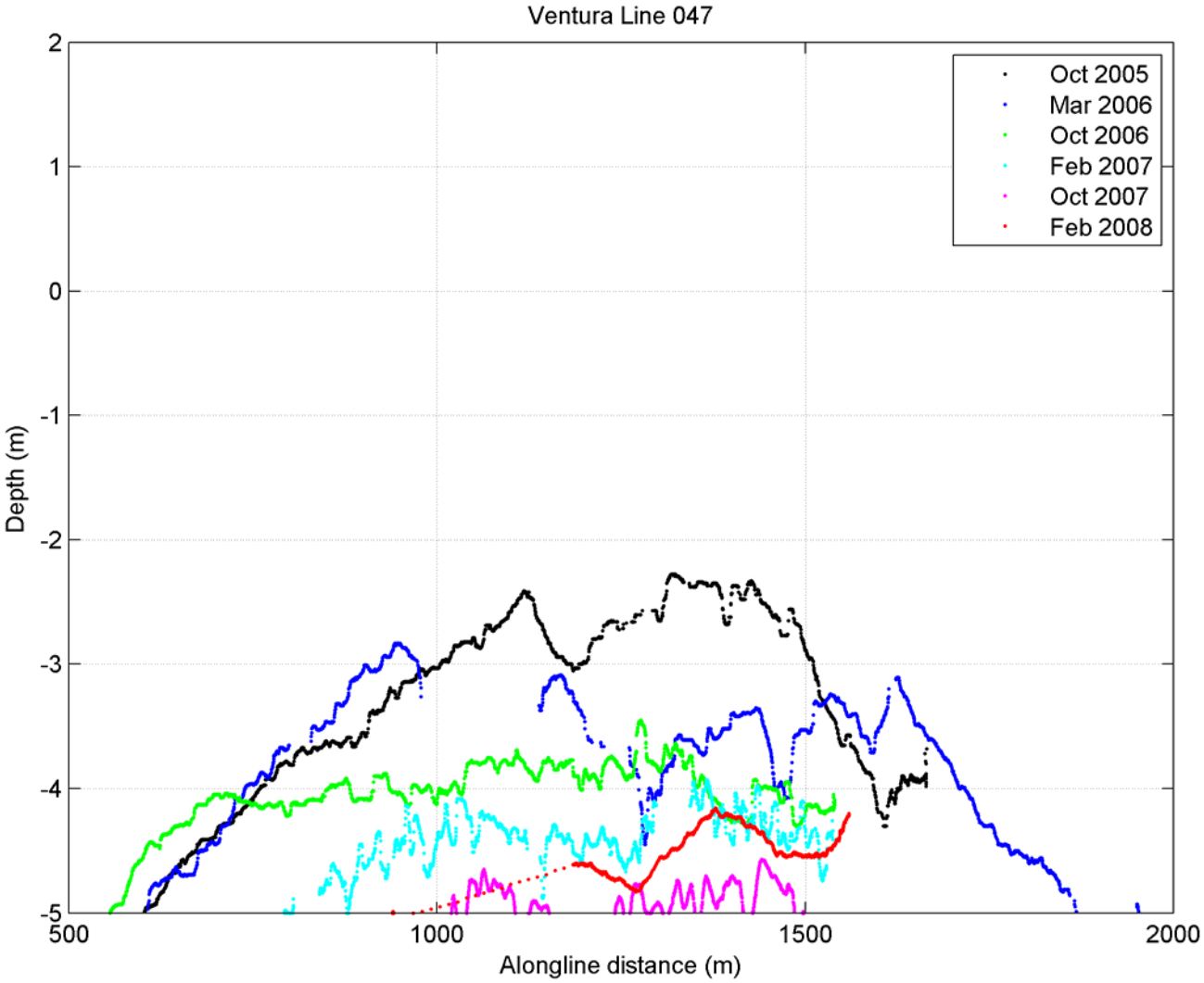

Ventura Line 042
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Depth (m)
Alongline distance (m)
2
1
0
-1
-2
-3
-4
-5
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1

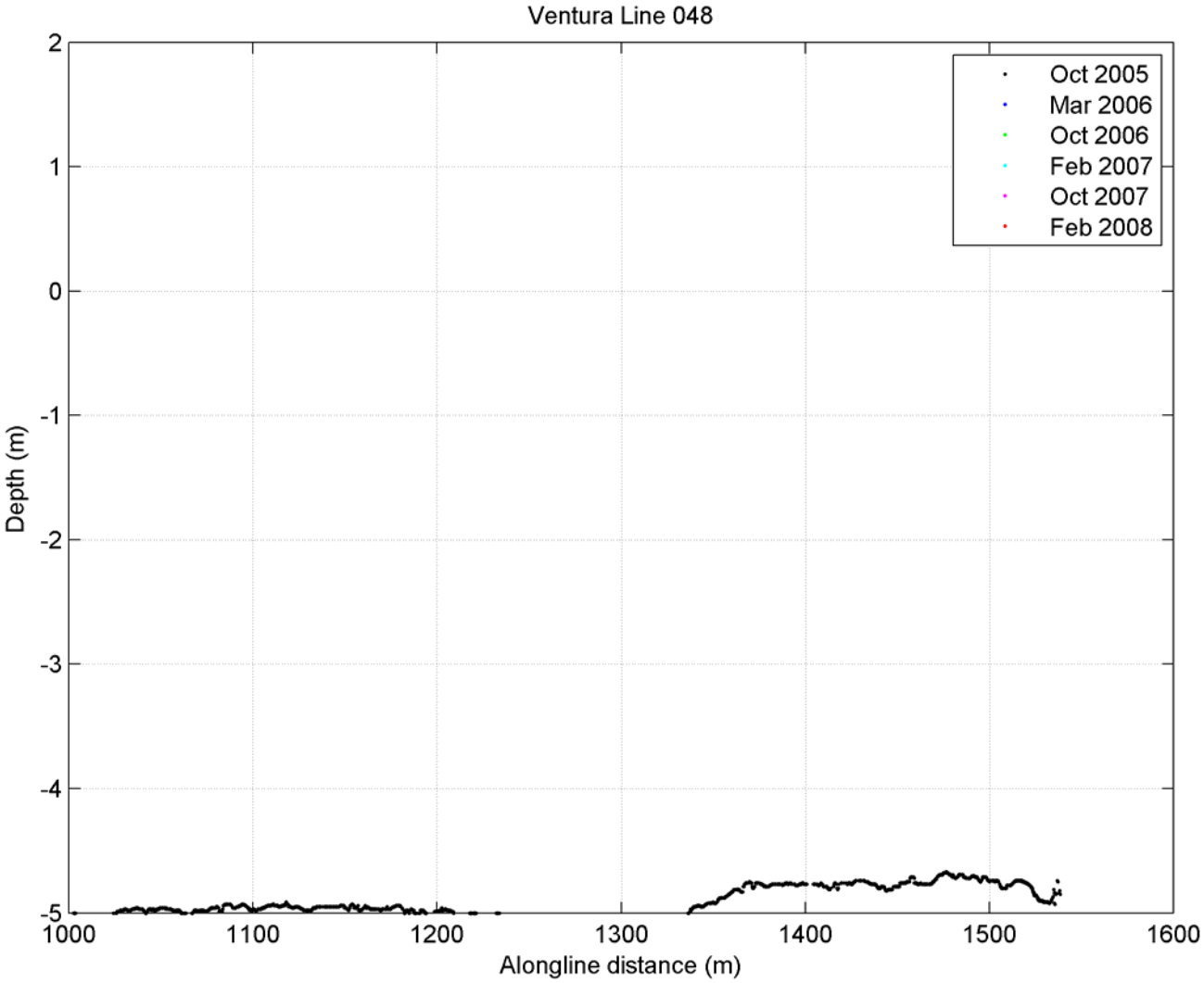

Ventura Line 043
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Depth (m)
Alongline distance (m)
2
1
0
-1
-2
-3
-4
-5
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1

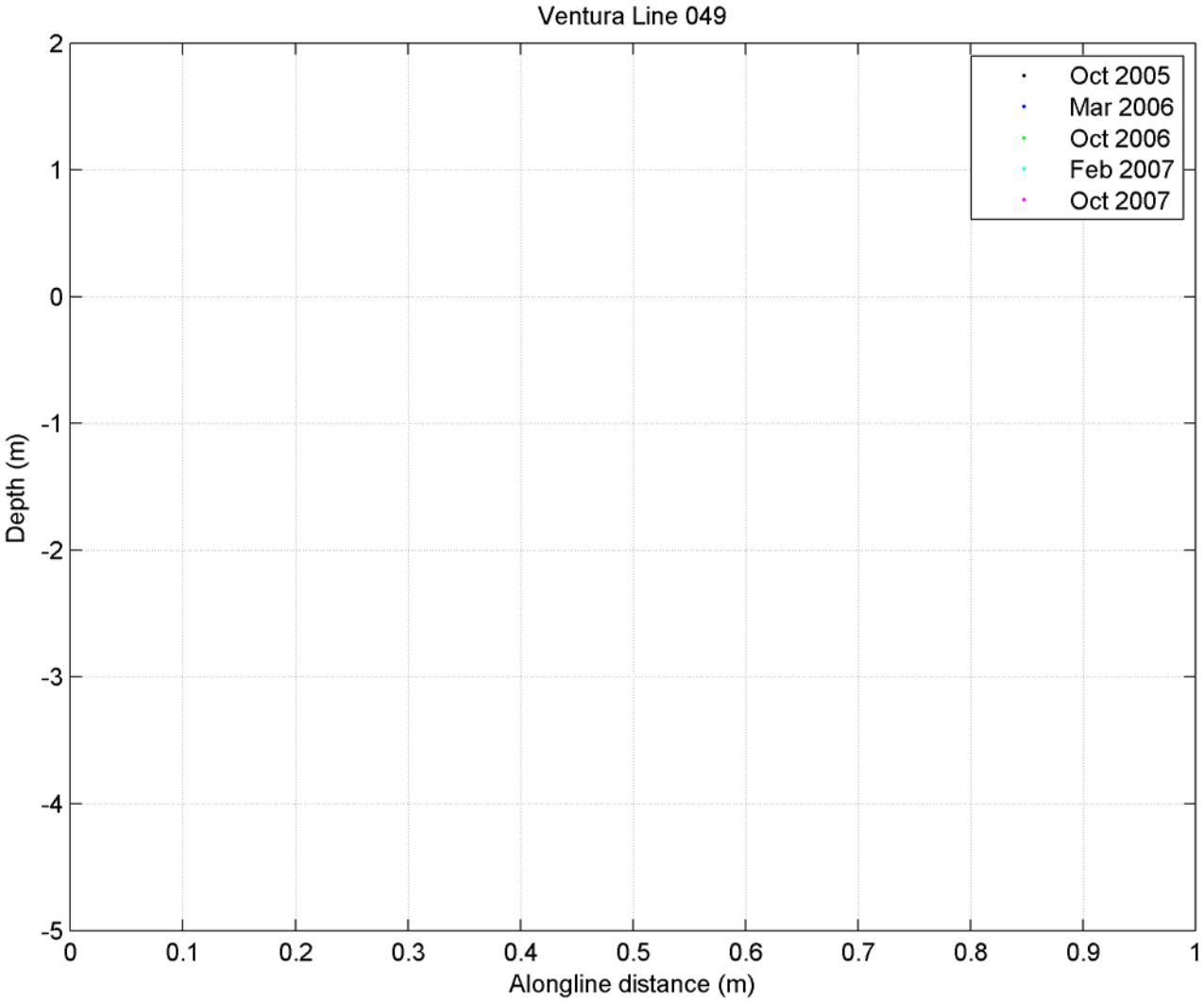

Ventura Line 044
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Depth (m)
Alongline distance (m)
2
1
0
-1
-2
-3
-4
-5
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1

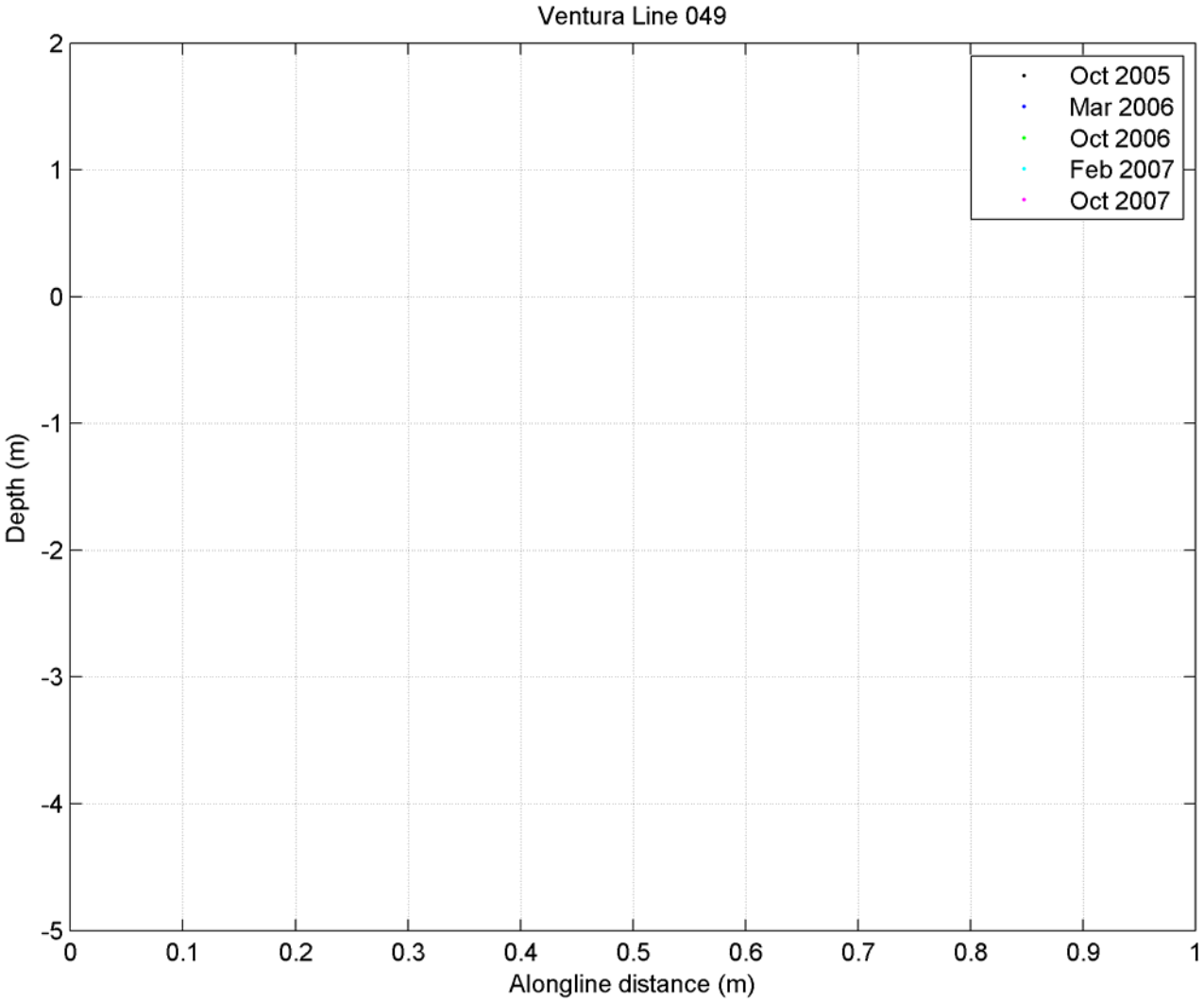

Ventura Line 045
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Depth (m)
Alongline distance (m)
2
1
0
-1
-2
-3
-4
-5
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1

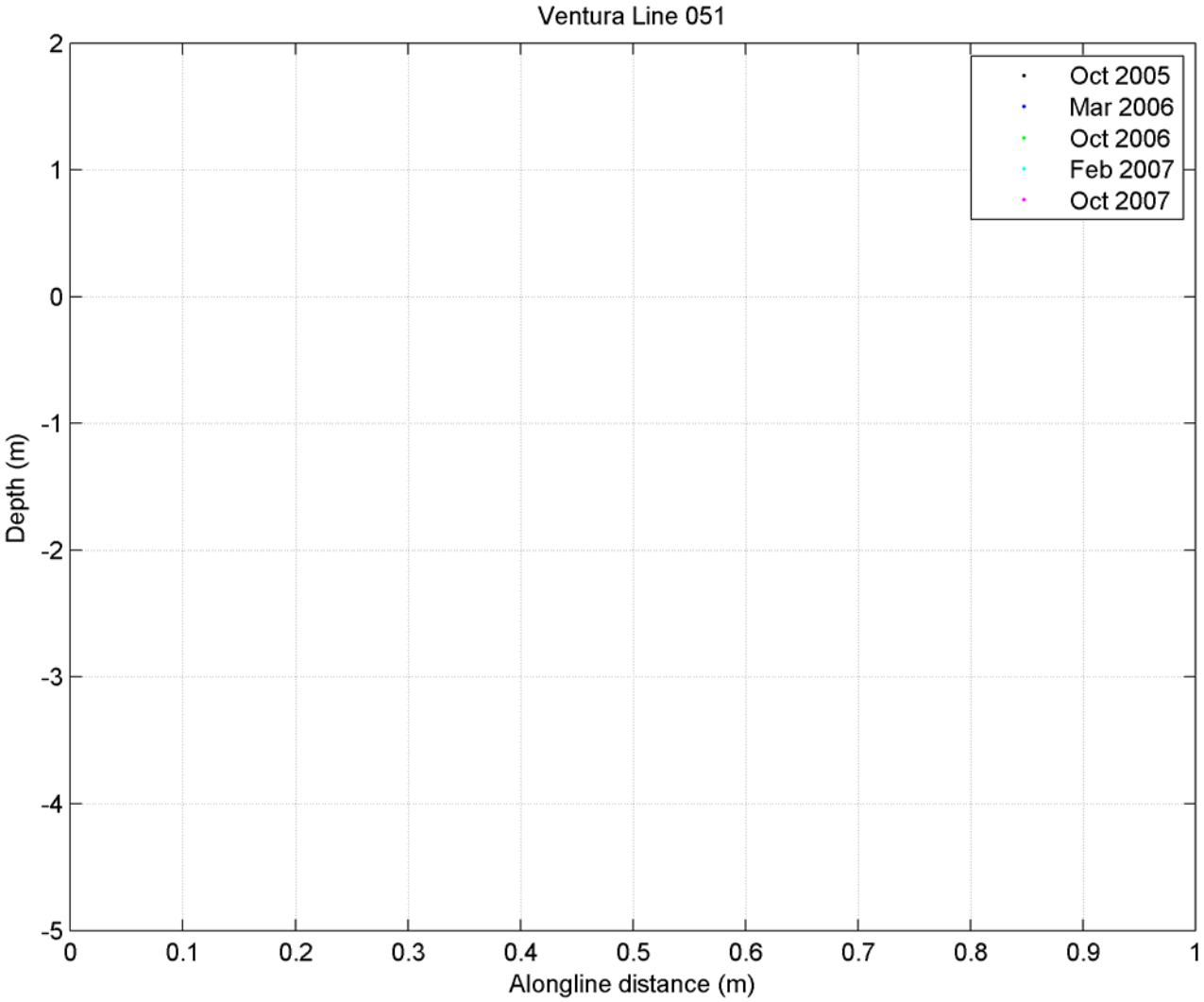

Ventura Line 046
Oct 2005
Mar 2006
Oct 2006
Oct 2007
Depth (m)
Alongline distance (m)
2
1
0
-1
-2
-3
-4
-5
-500
0
500
1000
1500
2000

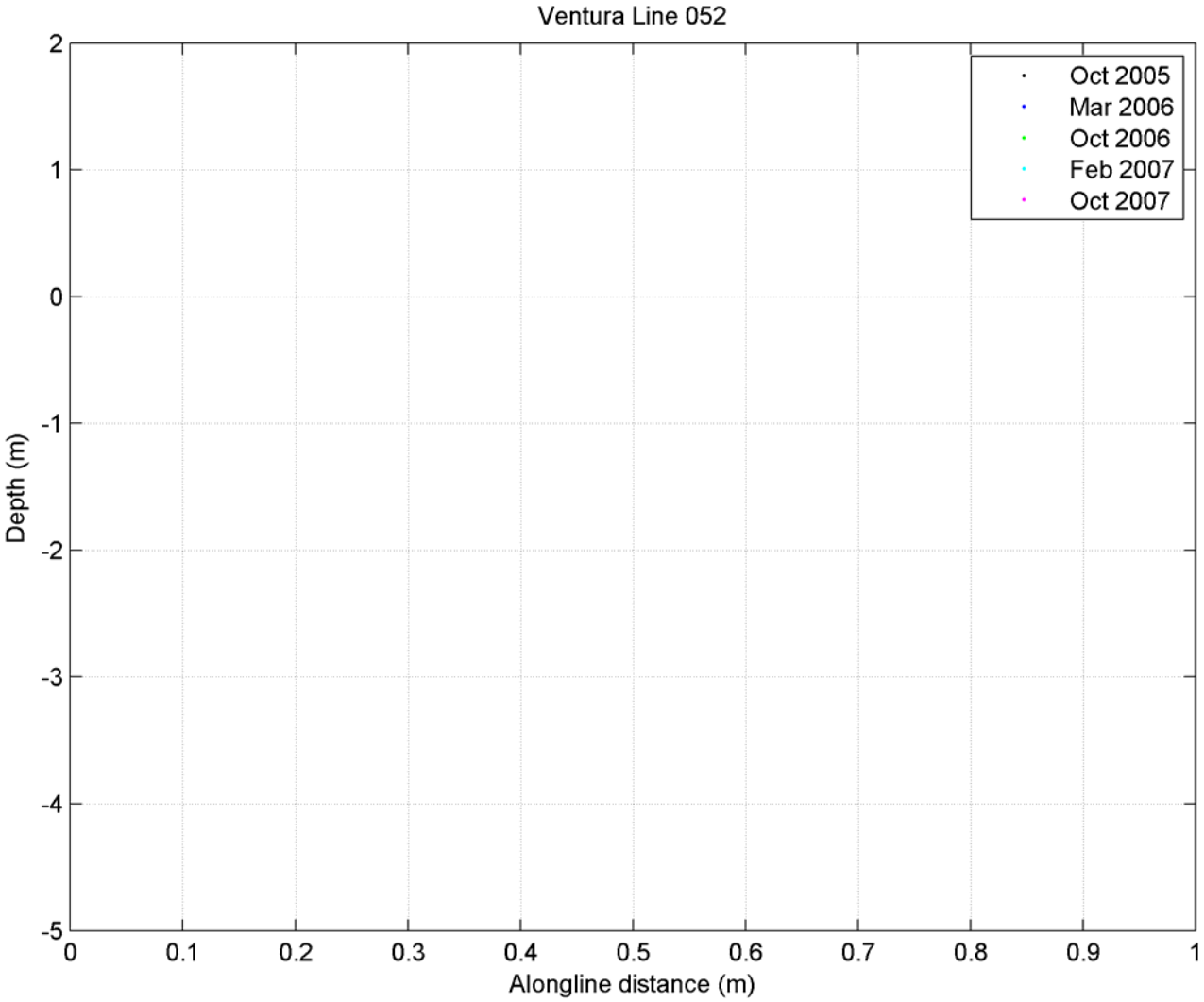

Ventura Line 047
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Depth (m)
Alongline distance (m)
2
1
0
-1
-2
-3
-4
-5
500
1000
1500
2000


Ventura Line 048
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Feb 2008
Depth (m)
Alongline distance (m)
2
1
0
-1
-2
-3
-4
-5
1000
1100
1200
1300
1400
1500
1600


Ventura Line 049
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Depth (m)
Alongline distance (m)
2
1
0
-1
-2
-3
-4
-5
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1


Ventura Line 049
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Depth (m)
Alongline distance (m)
2
1
0
-1
-2
-3
-4
-5
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1


Ventura Line 051
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Depth (m)
Alongline distance (m)
2
1
0
-1
-2
-3
-4
-5
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1


Ventura Line 052
Oct 2005
Mar 2006
Oct 2006
Feb 2007
Oct 2007
Depth (m)
Alongline distance (m)
2
1
0
-1
-2
-3
-4
-5
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1

Mugu Canyon

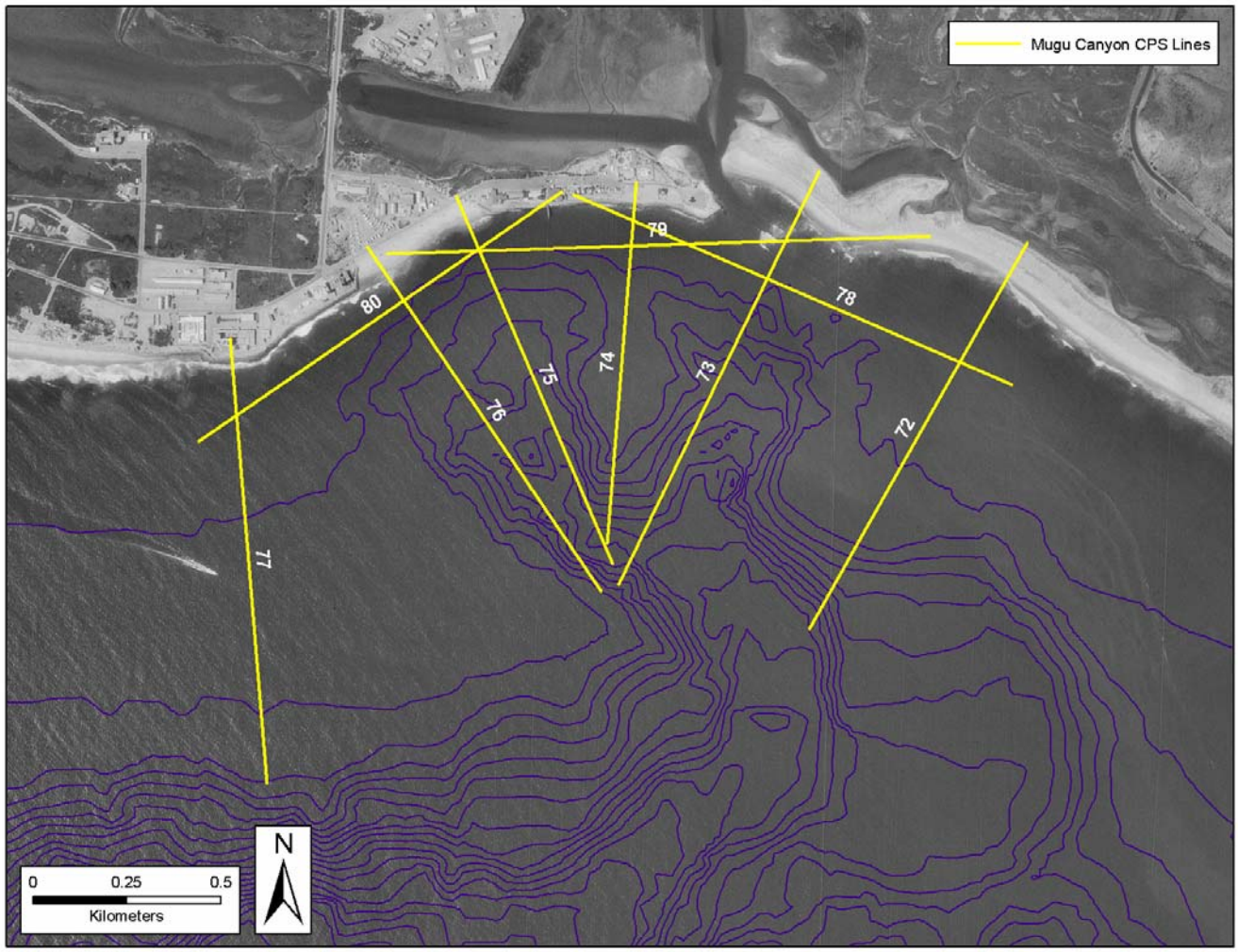


Figure C14. Mugu Canyon Coastal Profiling System survey line locations.

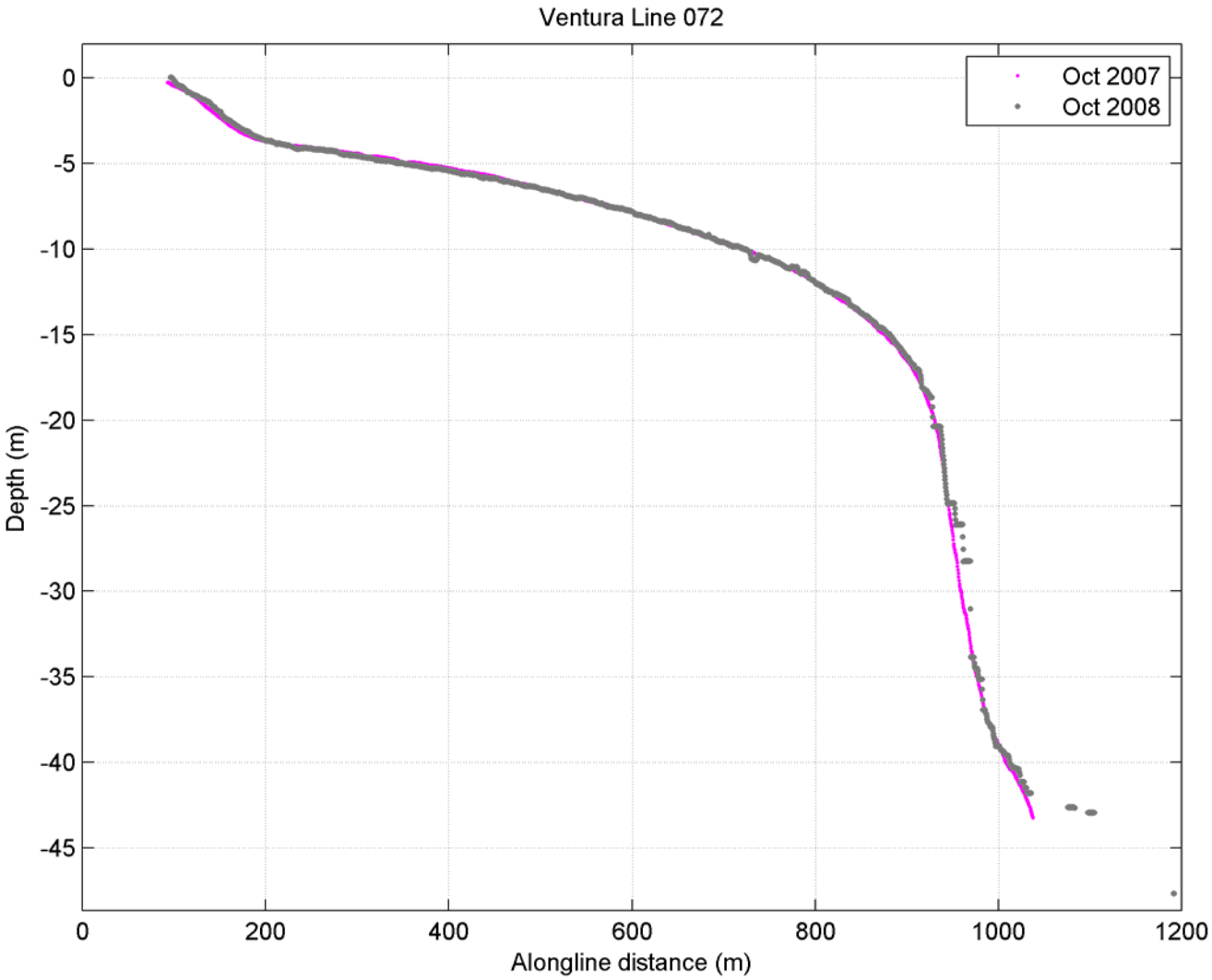
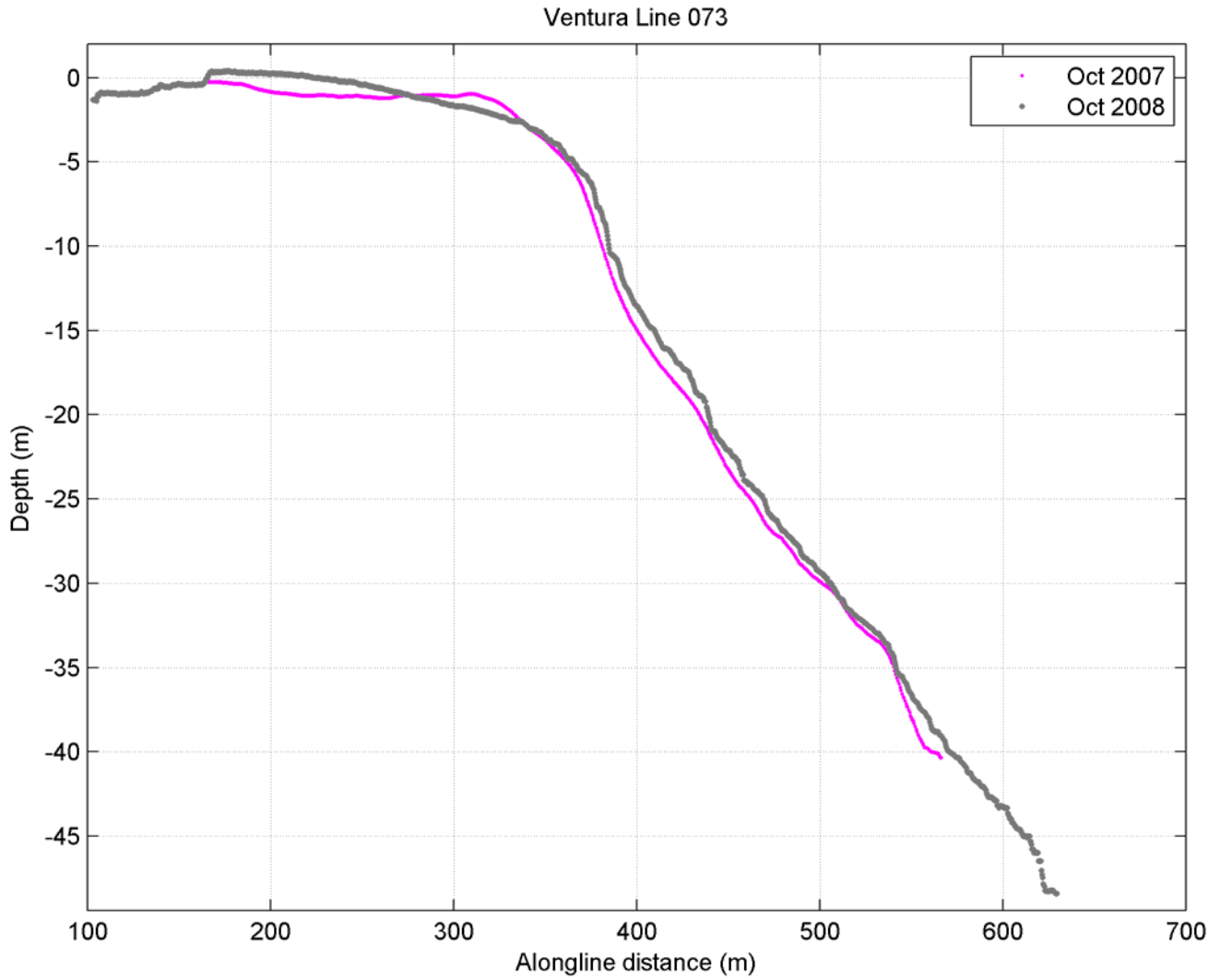
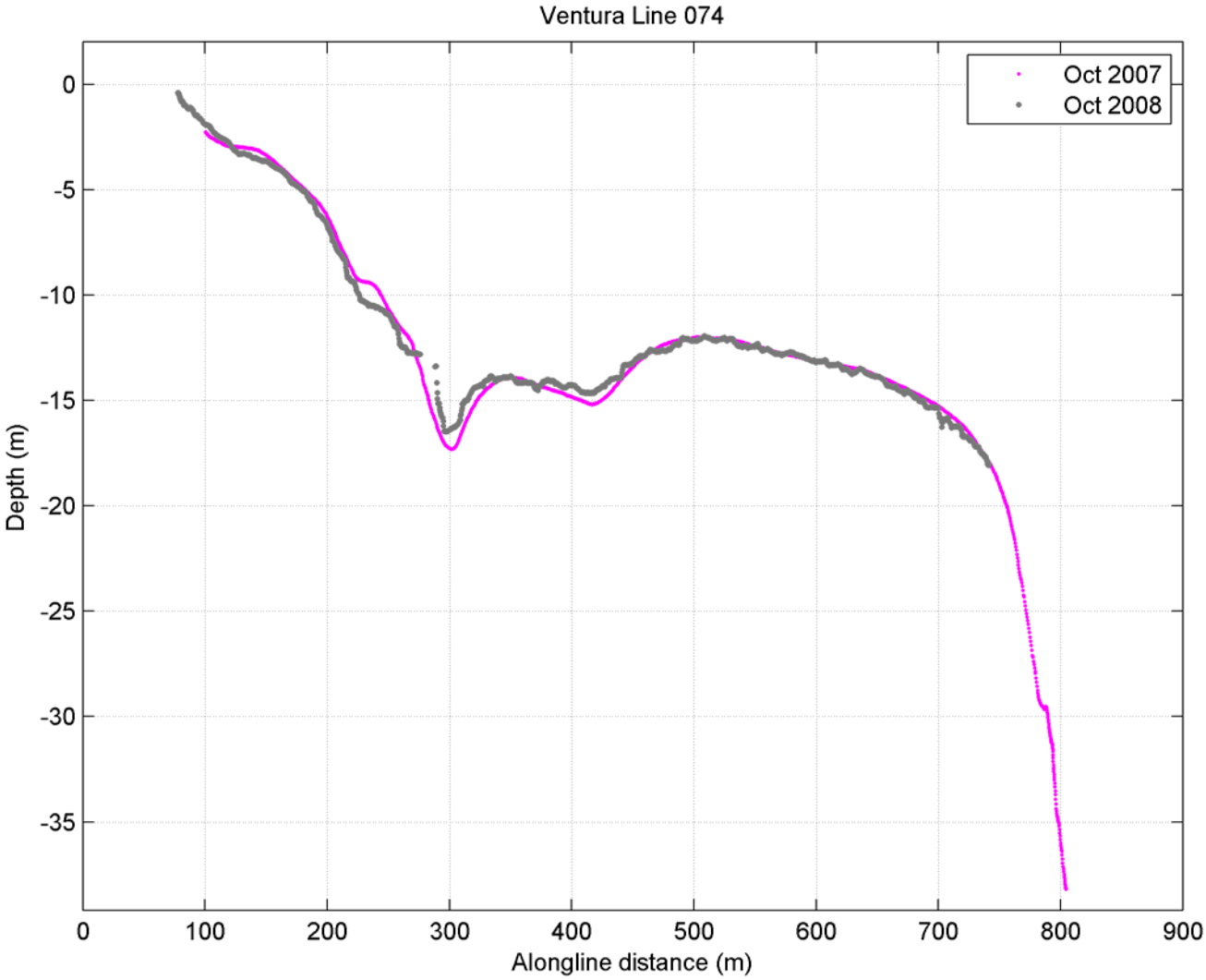
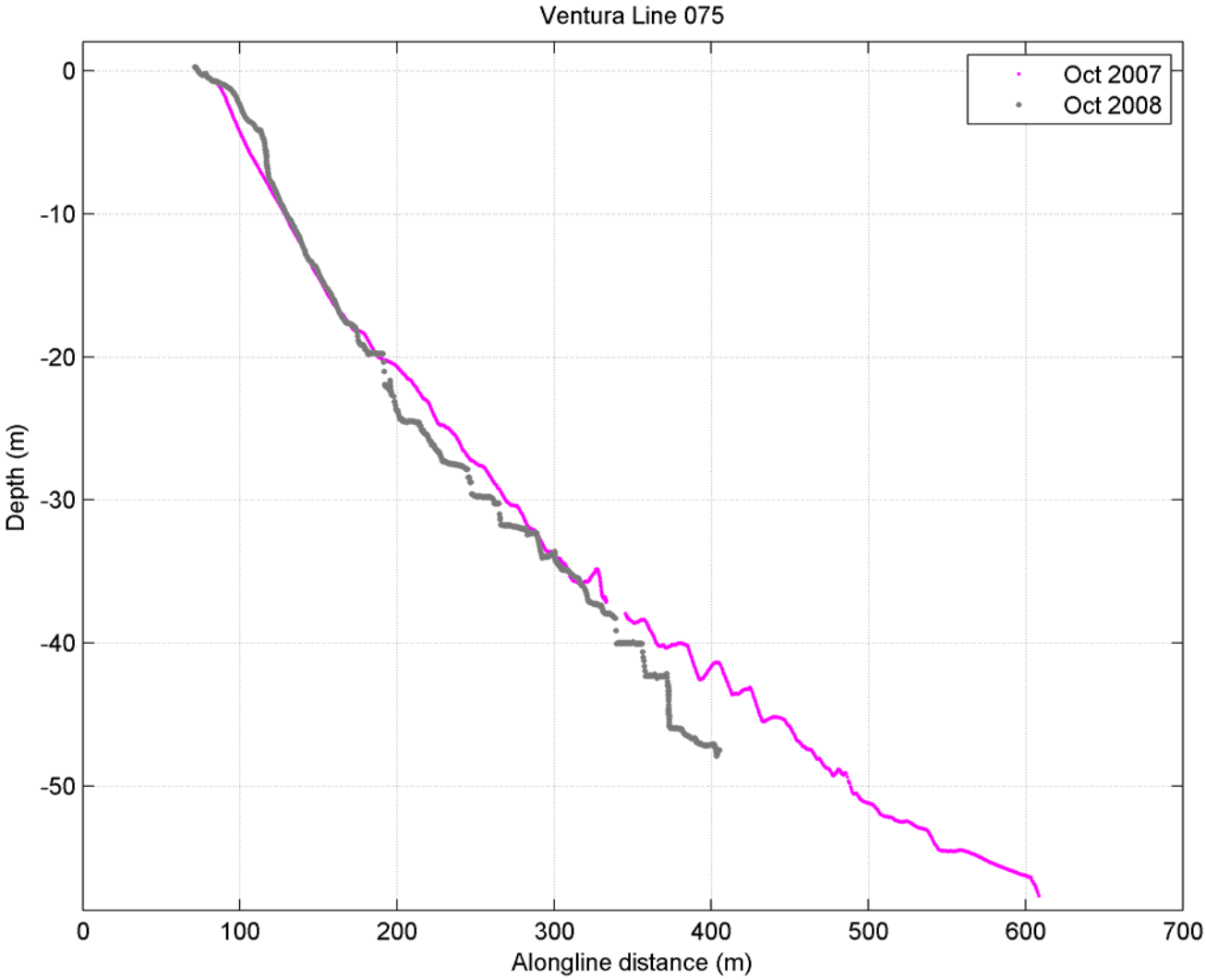
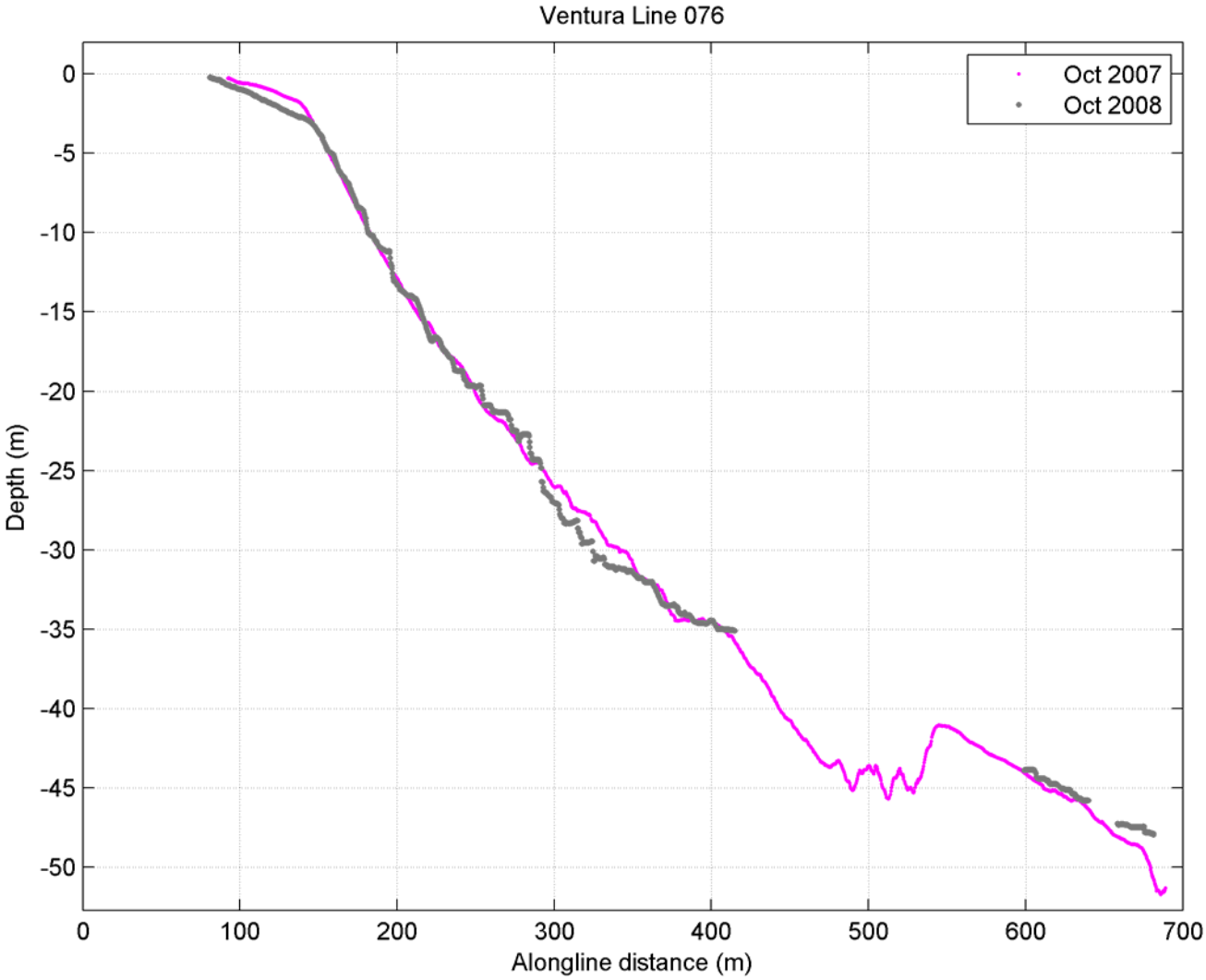


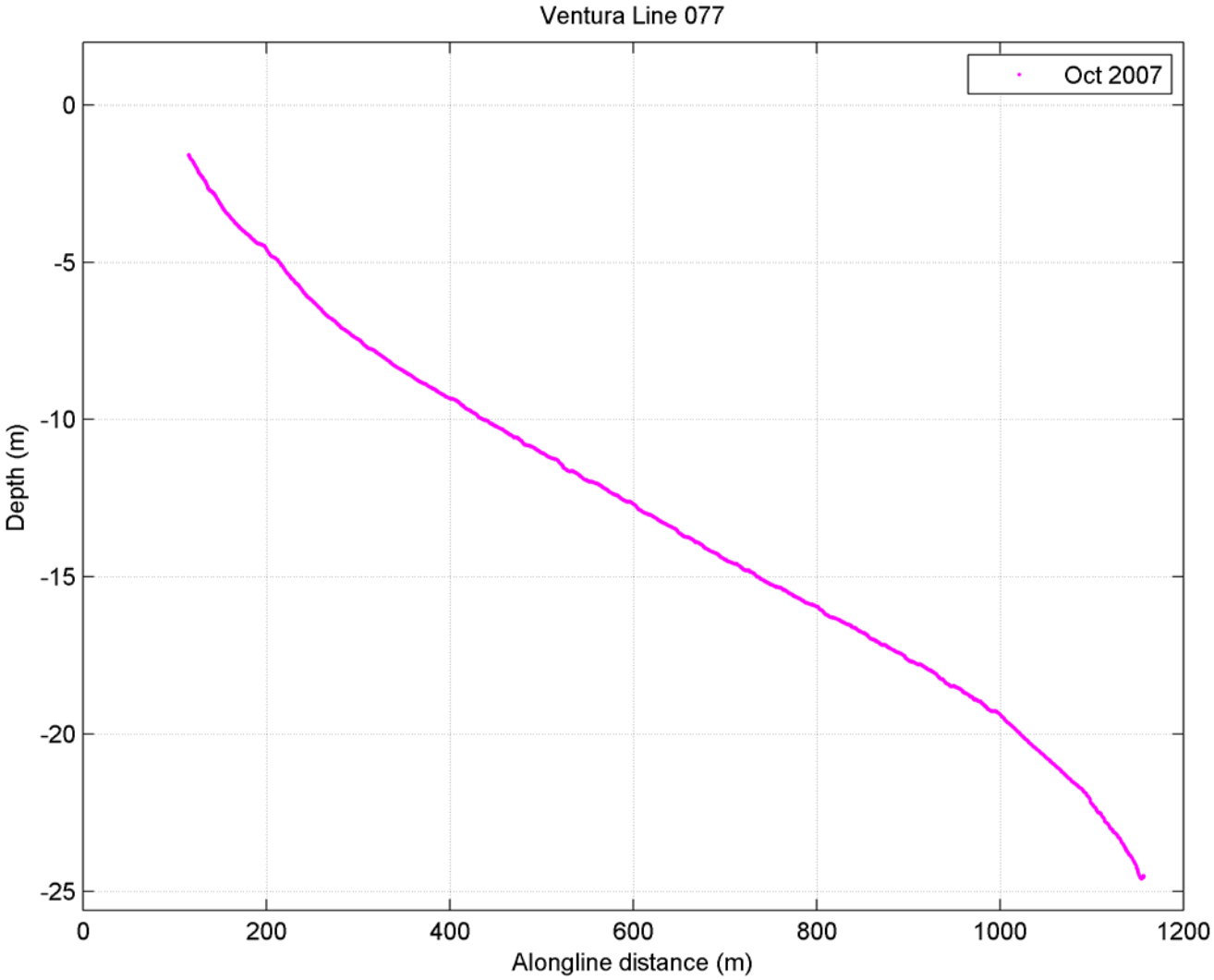
Figure C15. Mugu Canyon Coastal Profiling System plots, survey lines 72-80 (Ventura).

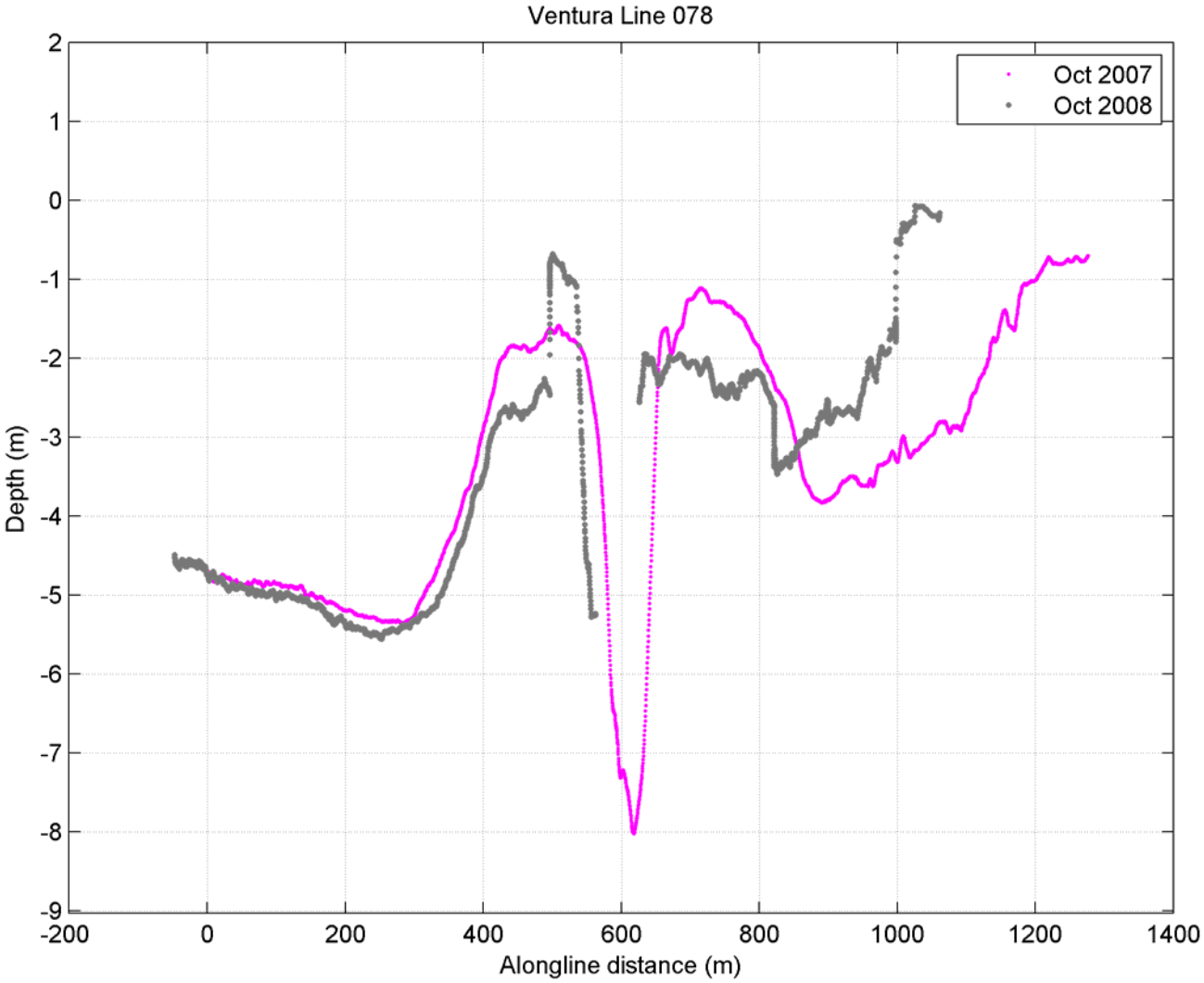

Ventura Line 073
Oct 2007
Oct 2008
Depth (m)
0
-5
-10
-15
-20
-25
-30
-35
-40
-45
100
200
300
400
500
600
700
Alongline distance (m)

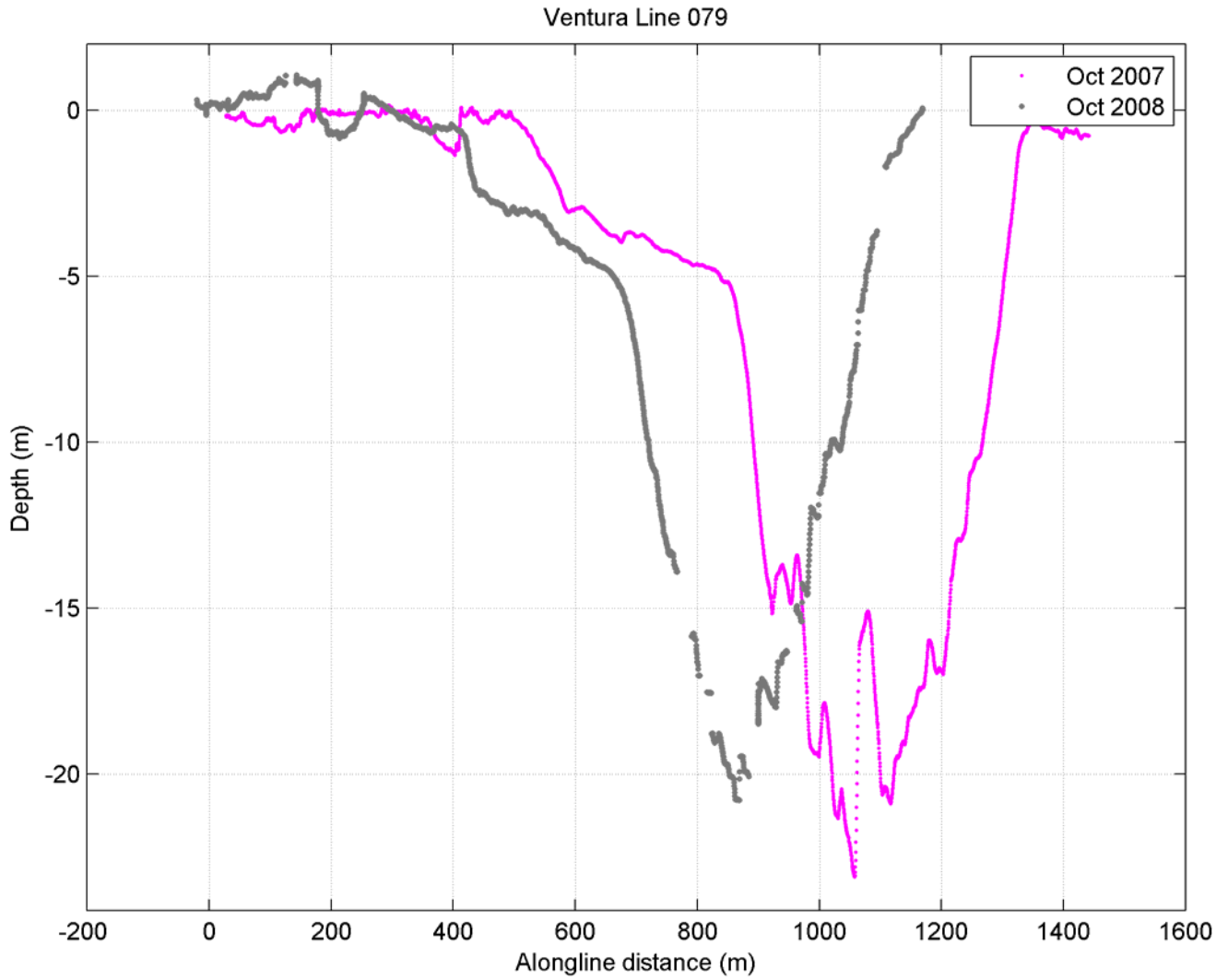

Ventura Line 074
Oct 2007
Oct 2008
Depth (m)
0
-5
-10
-15
-20
-25
-30
-35
0
100
200
300
400
500
600
700
800
900
Alongline distance (m)

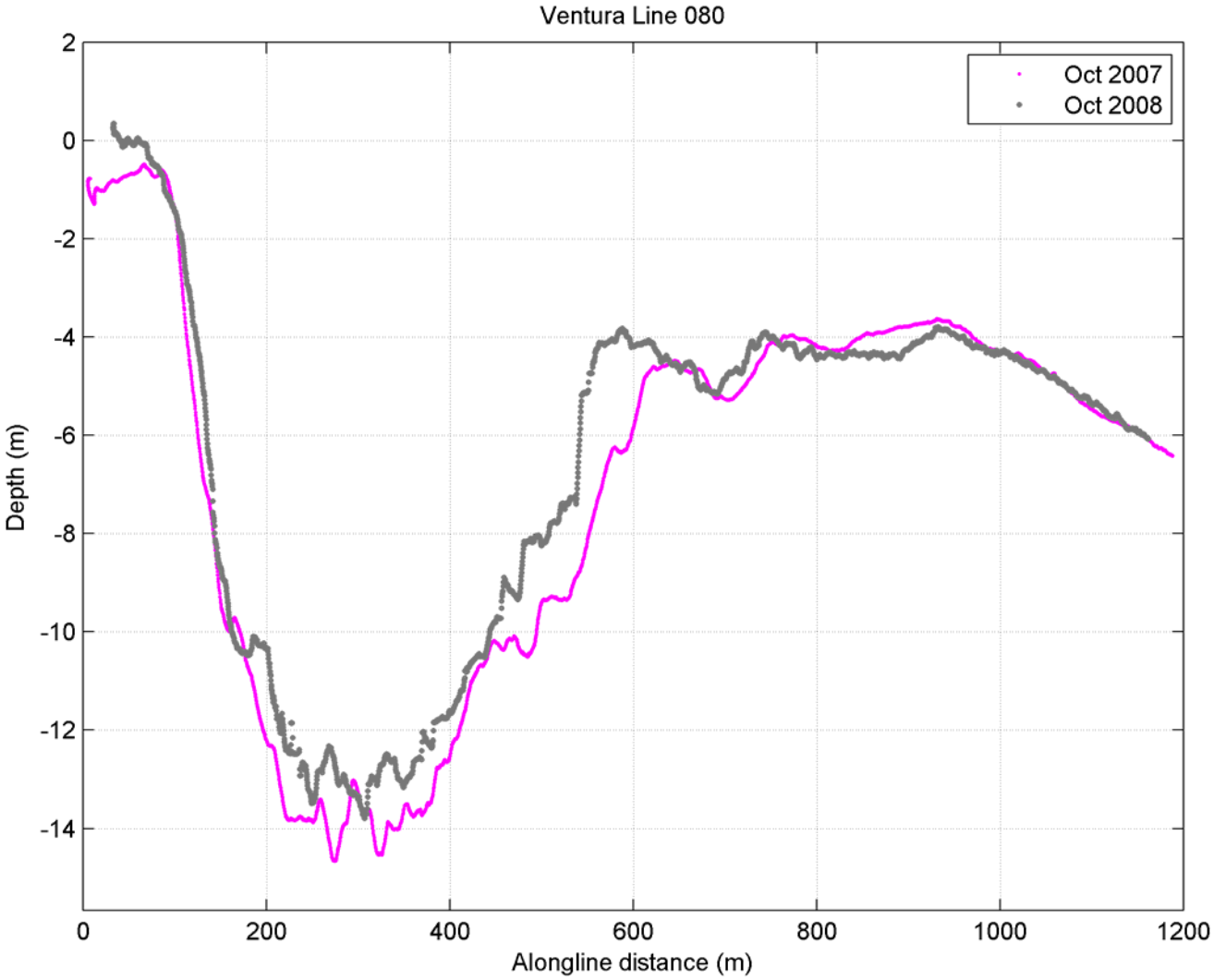

Ventura Line 075
Oct 2007
Oct 2008
Depth (m)
0
-10
-20
-30
-40
-50
0
100
200
300
400
500
600
700
Alongline distance (m)


Ventura Line 076
Oct 2007
Oct 2008
Depth (m)
0
-5
-10
-15
-20
-25
-30
-35
-40
-45
-50
0
100
200
300
400
500
600
700
Alongline distance (m)


Ventura Line 077
Oct 2007
0
-5
-10
-15
-20
-25
Depth (m)
0
200
400
600
800
1000
1200
Alongline distance (m)


Ventura Line 078
Oct 2007
Oct 2008
Depth (m)
Alongline distance (m)
2
1
0
-1
-2
-3
-4
-5
-6
-7
-8
-9
-200
0
200
400
600
800
1000
1200
1400


Ventura Line 079
Oct 2007
Oct 2008
Depth (m)
0
-5
-10
-15
-20
-200
0
200
400
600
800
1000
1200
1400
1600
Alongline distance (m)


Ventura Line 080
Oct 2007
Oct 2008
Depth (m)
Alongline distance (m)
2
0
-2
-4
-6
-8
-10
-12
-14
0
200
400
600
800
1000
1200

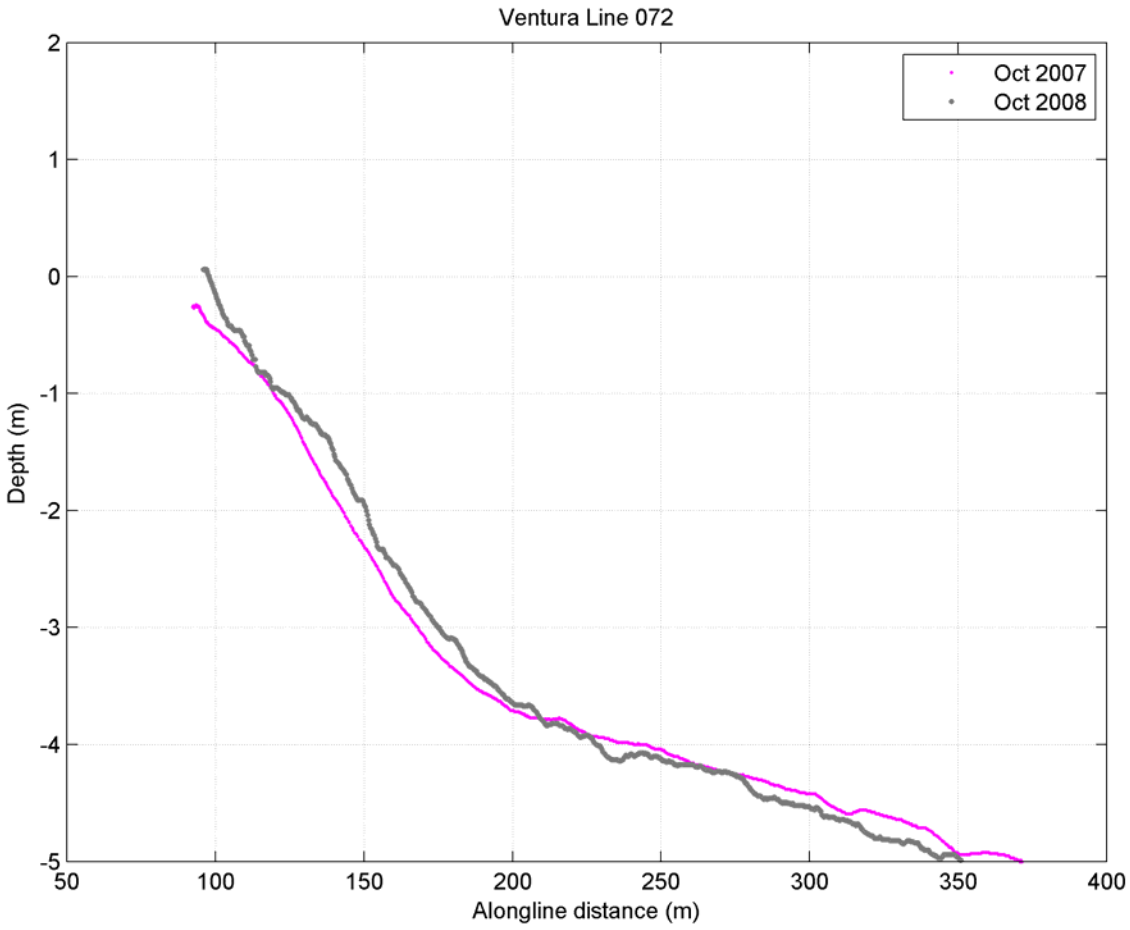
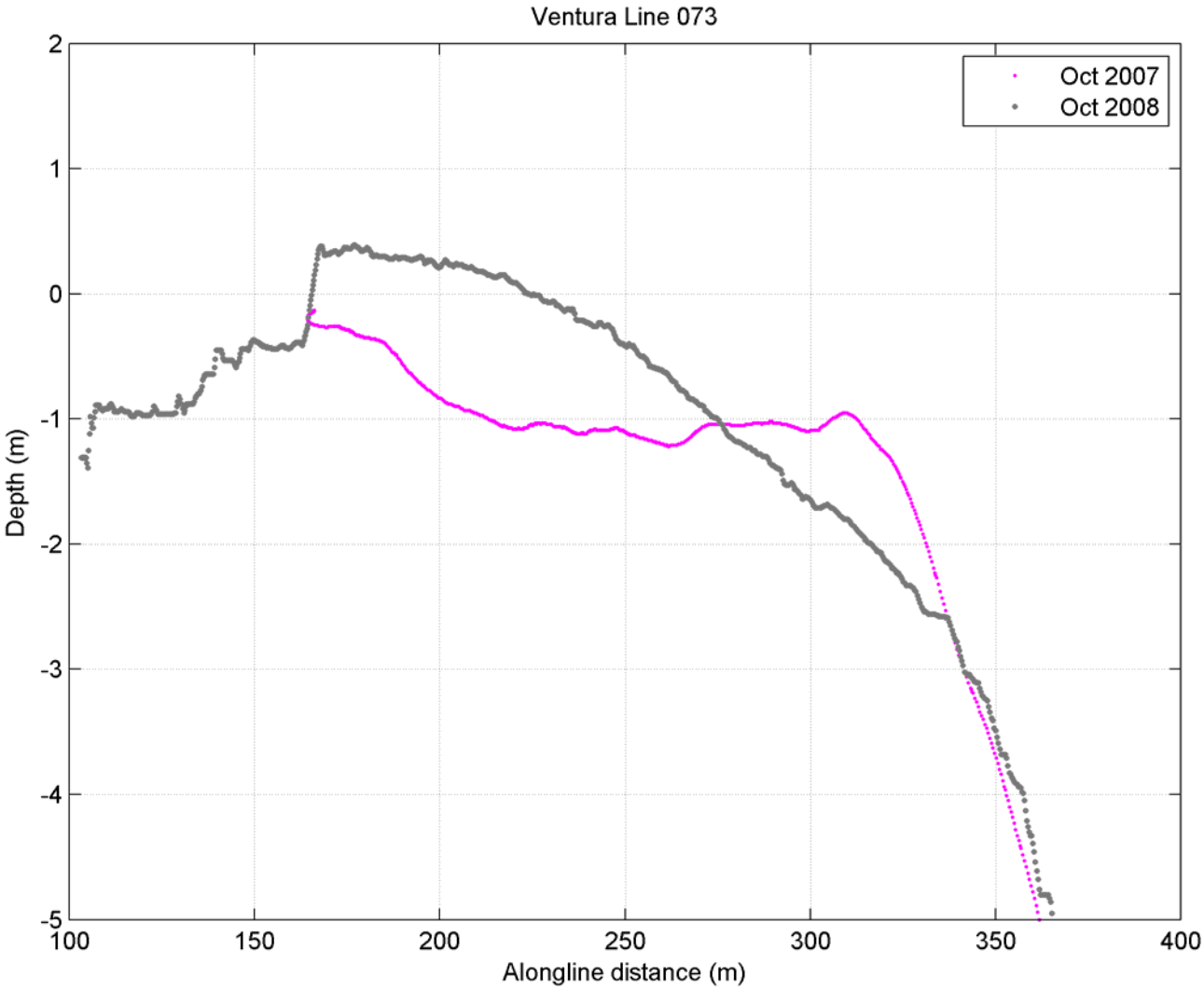
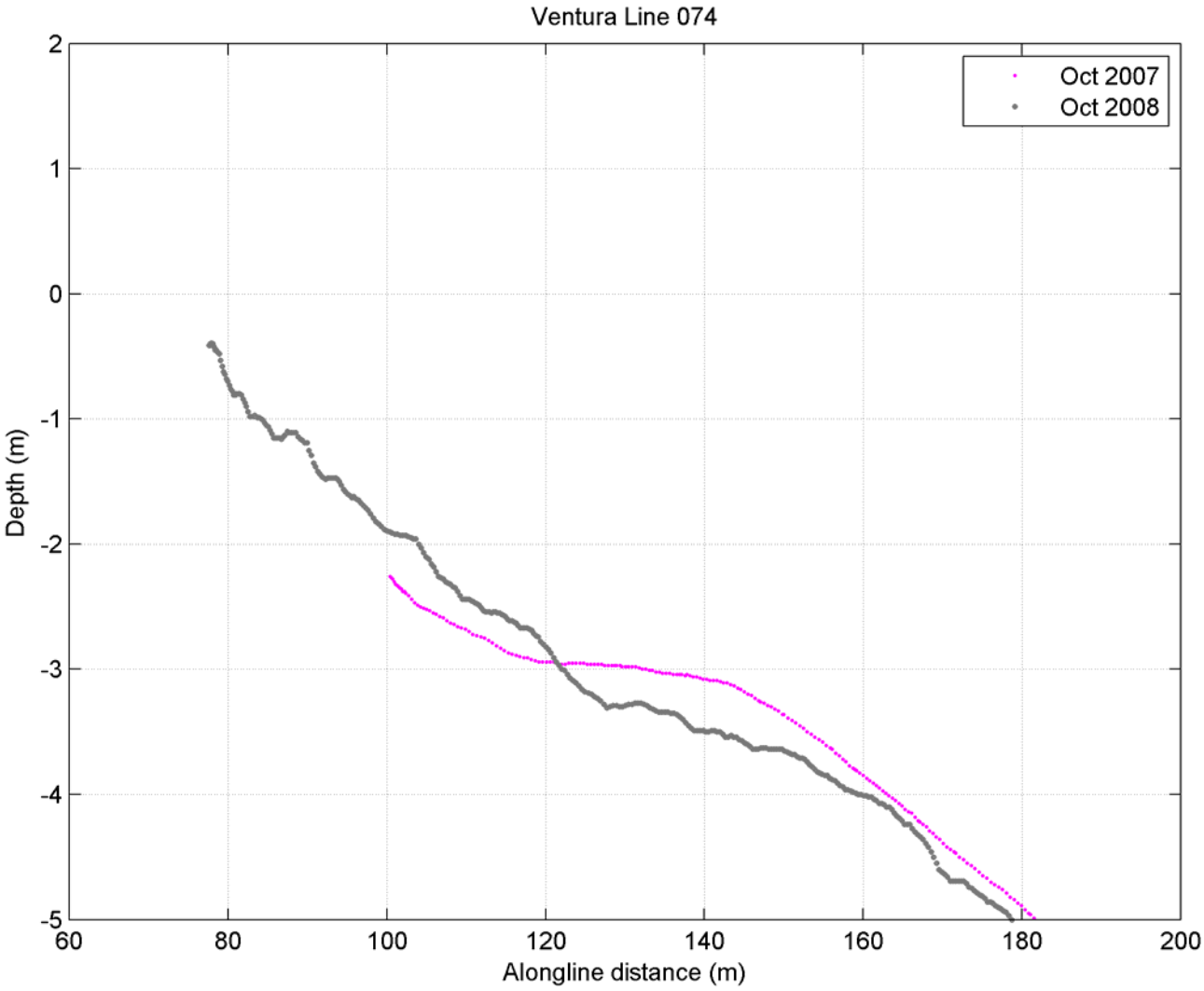
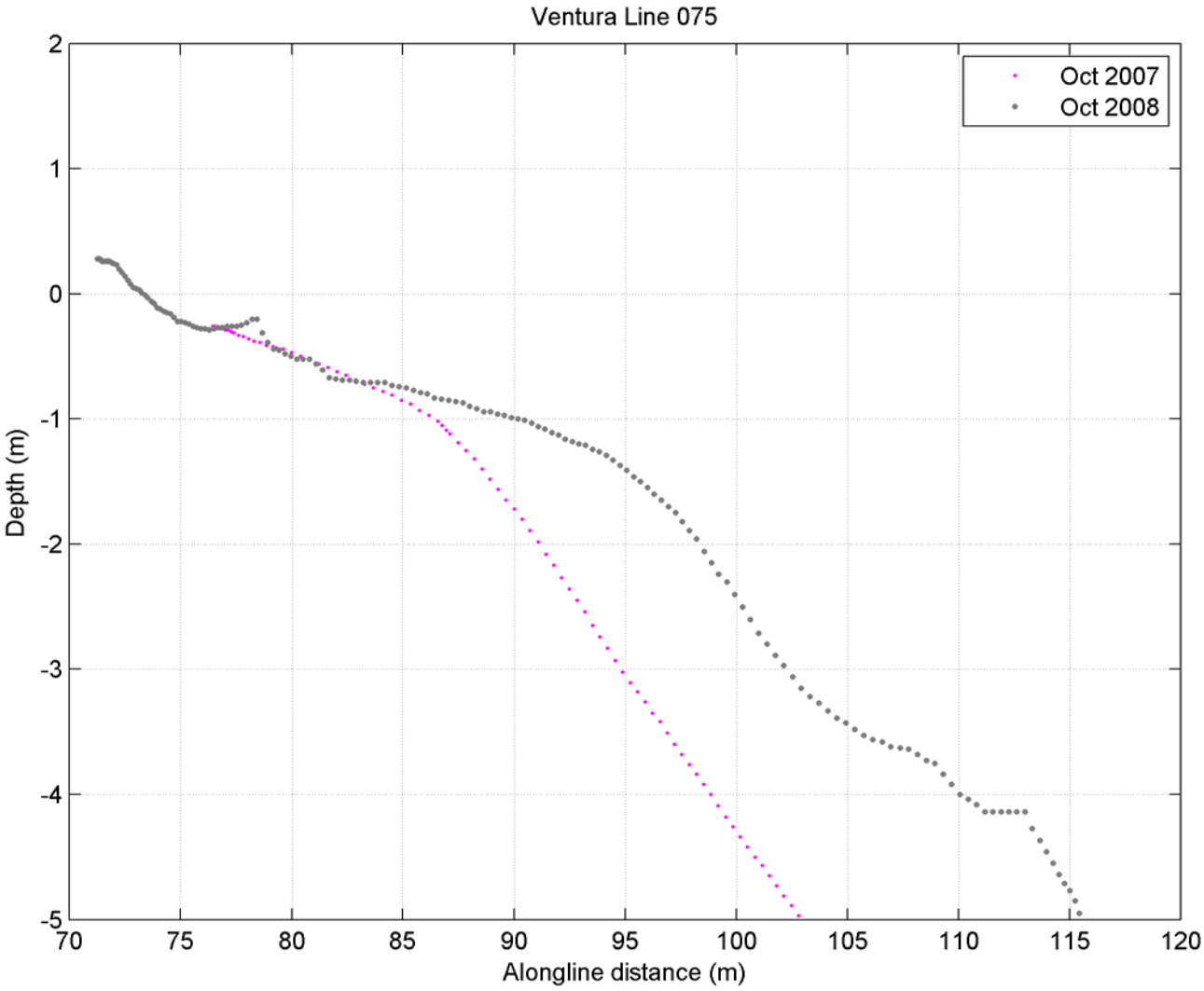
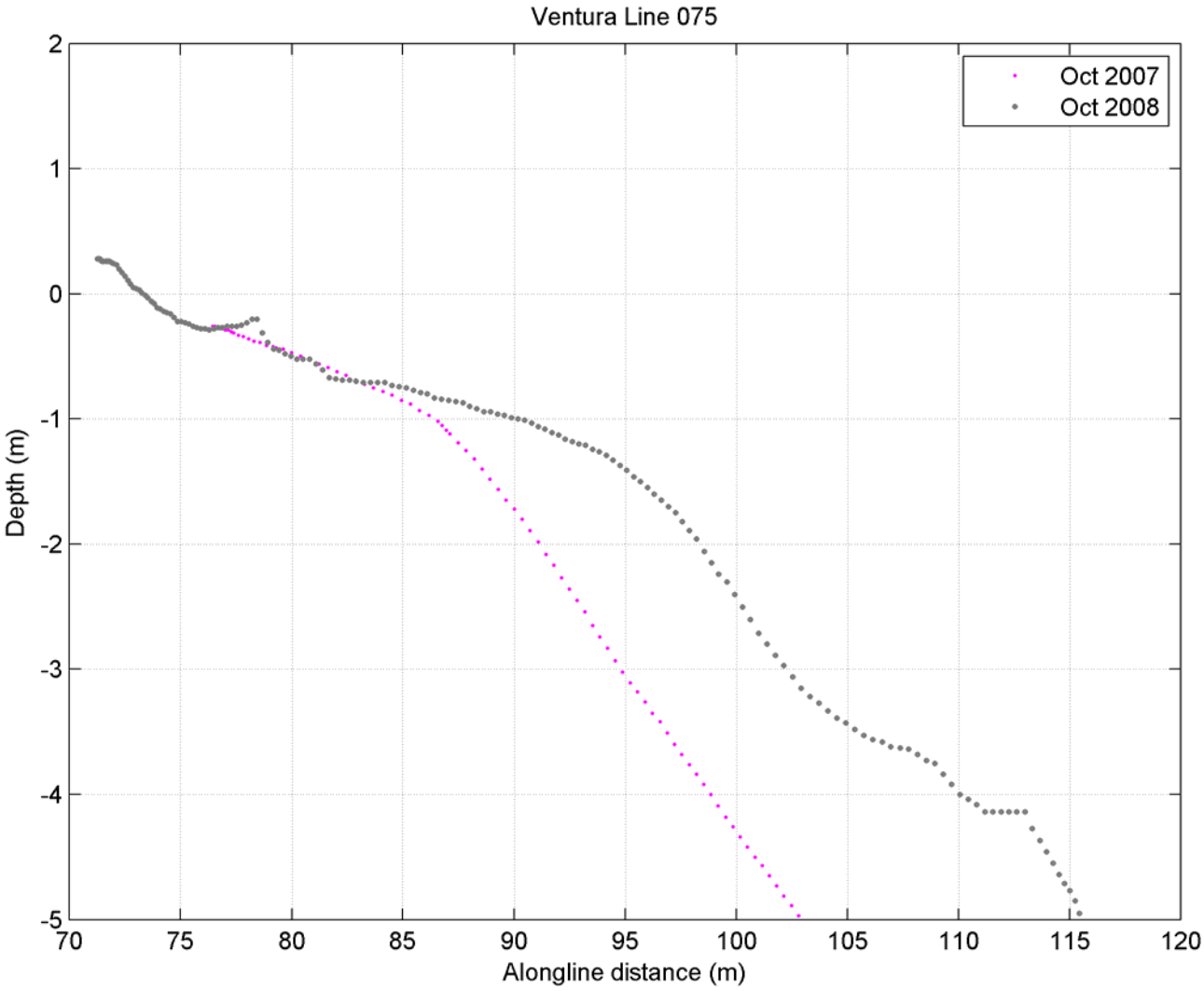


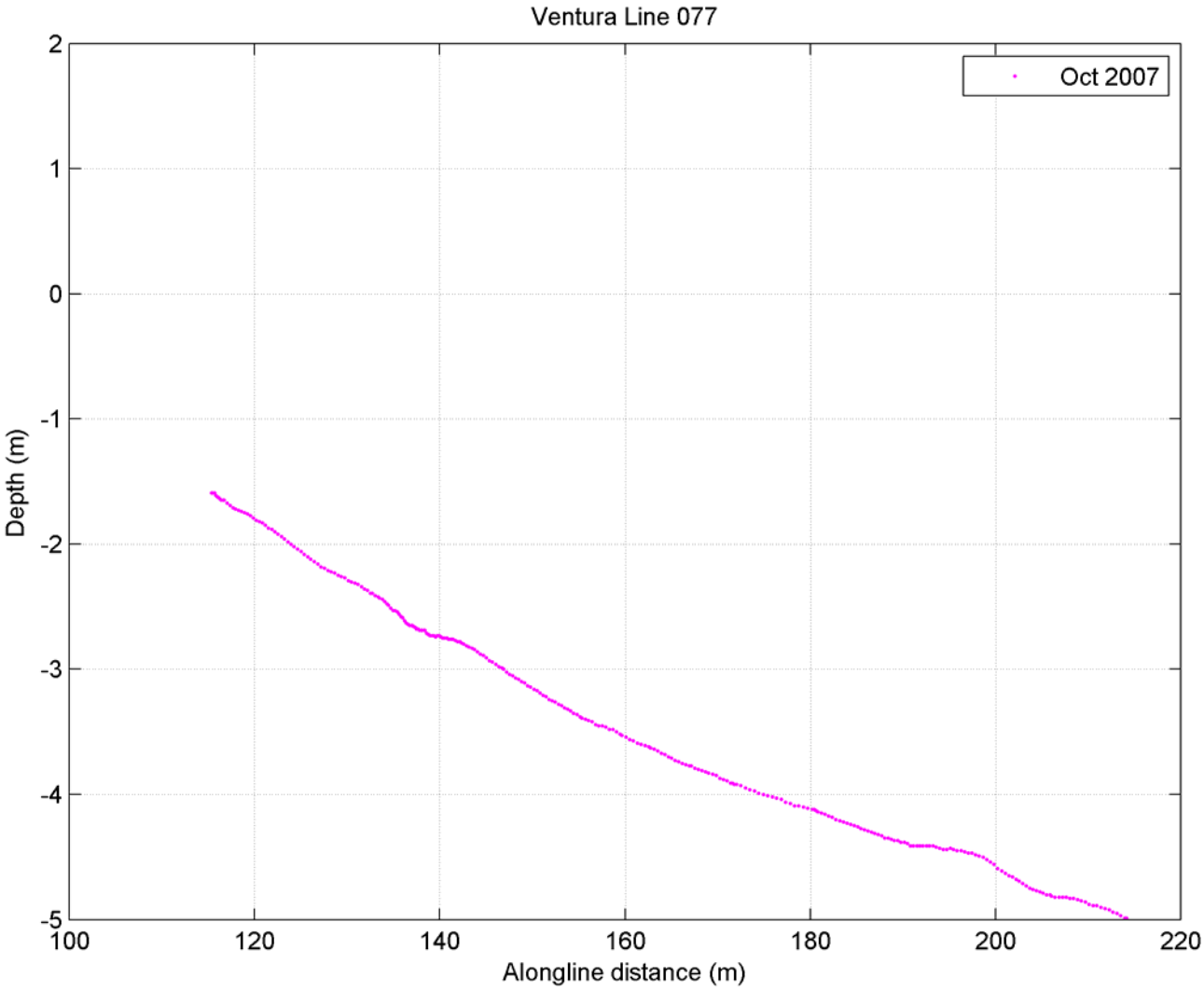
Figure C16. Mugu Canyon Coastal Profiling System focus (depths shallower than 5 m) plots, survey lines 72-80 (Ventura).

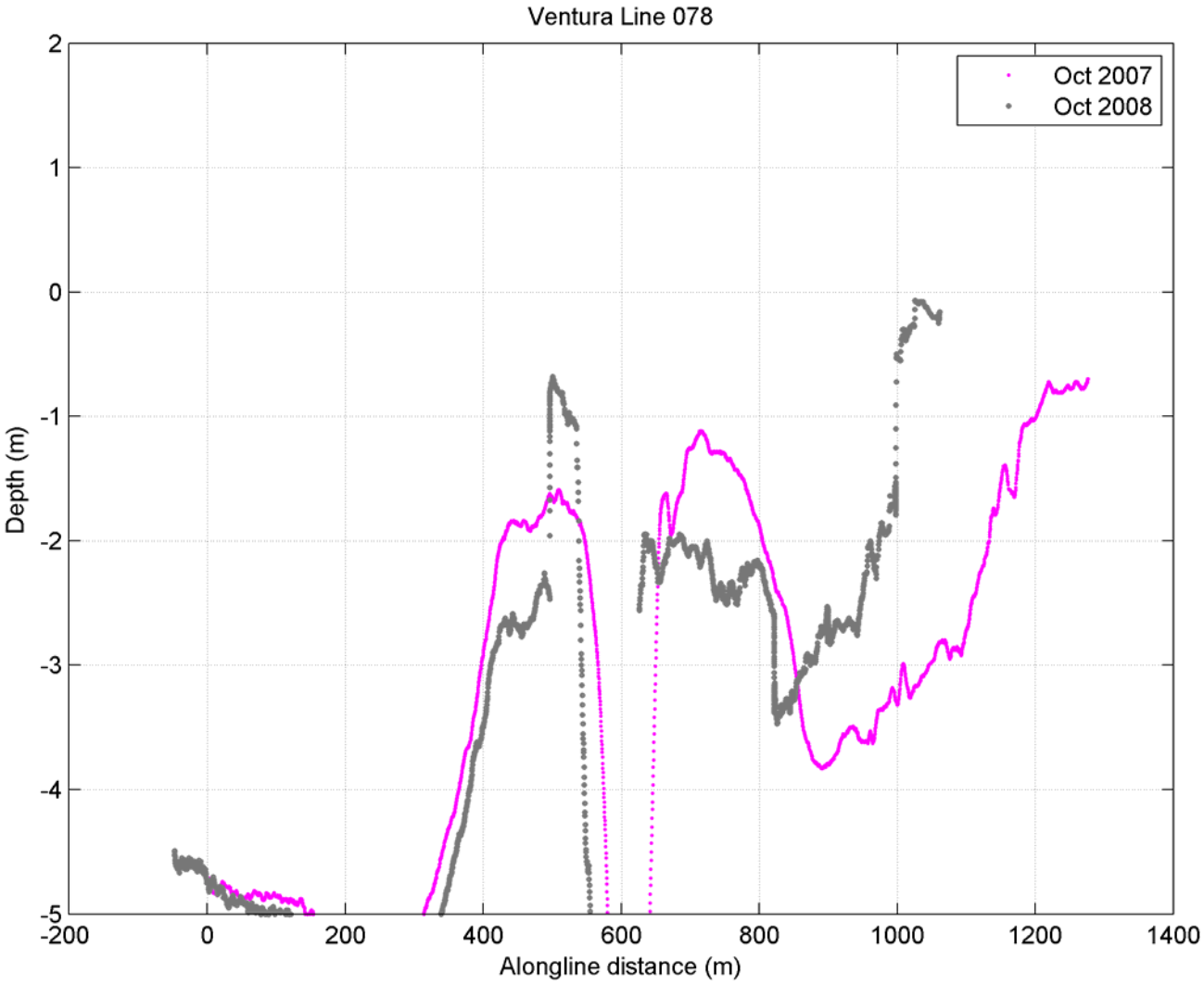

Ventura Line 073
Oct 2007
Oct 2008
Depth (m)
Alongline distance (m)
2
1
0
-1
-2
-3
-4
-5
100
150
200
250
300
350
400

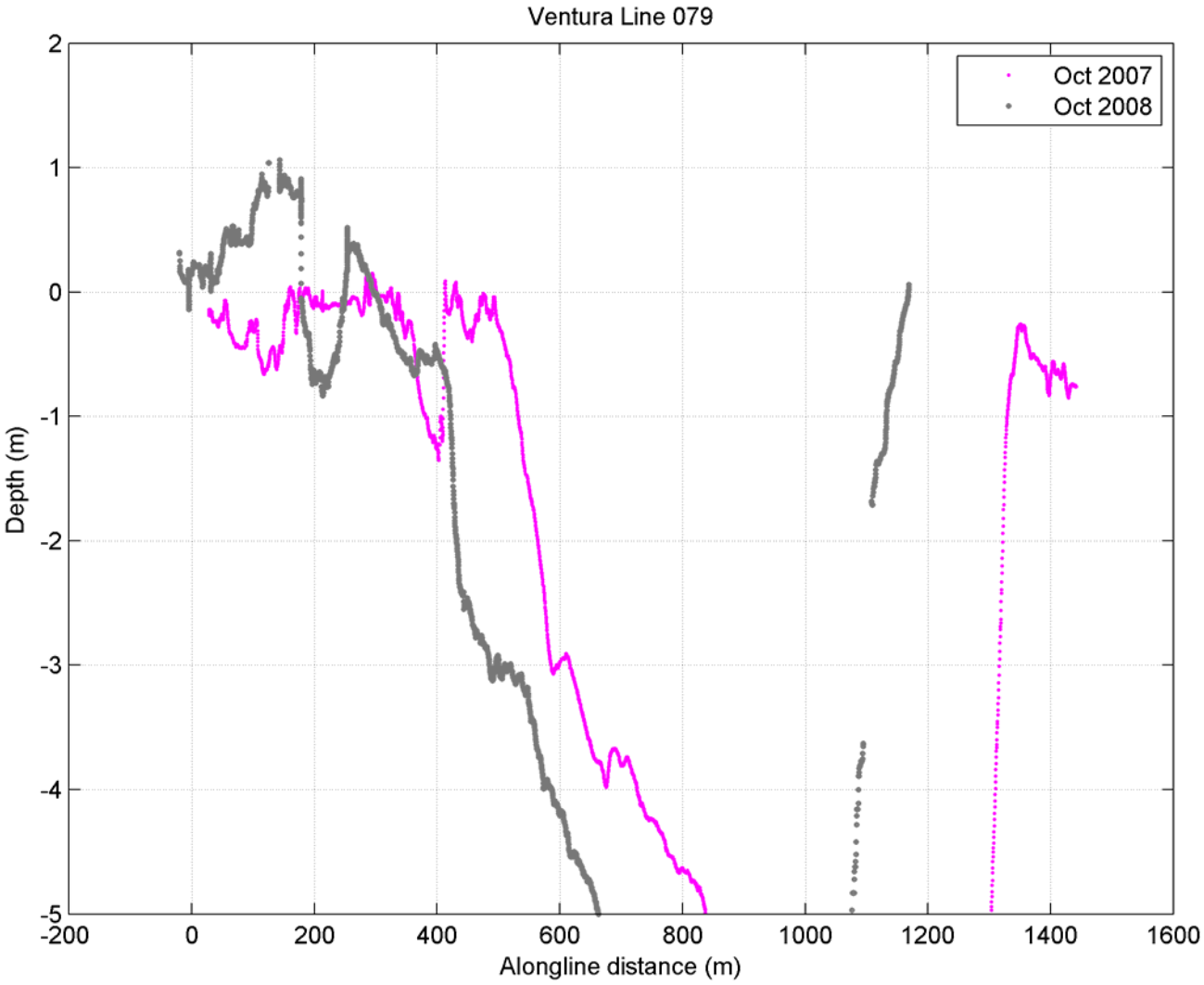

Ventura Line 074
Oct 2007
Oct 2008
Depth (m)
Alongline distance (m)
2
1
0
-1
-2
-3
-4
-5
60
80
100
120
140
160
180
200

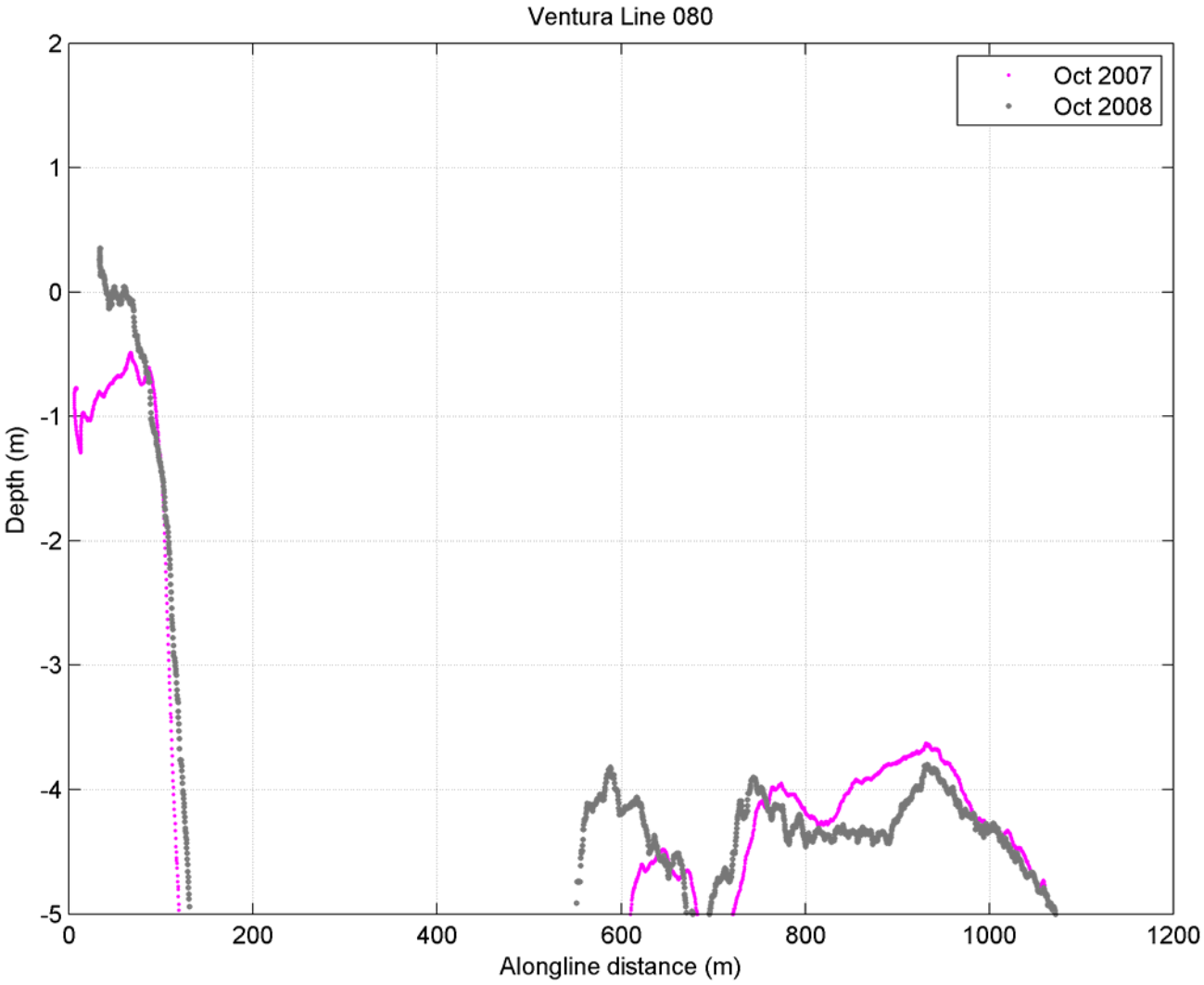

Ventura Line 075
Oct 2007
Oct 2008
Depth (m)
Alongline distance (m)
2
1
0
-1
-2
-3
-4
-5
70
75
80
85
90
95
100
105
110
115
120


Ventura Line 075
Oct 2007
Oct 2008
Depth (m)
Alongline distance (m)
2
1
0
-1
-2
-3
-4
-5
70
75
80
85
90
95
100
105
110
115
120


Ventura Line 077
Oct 2007
Depth (m)
Alongline distance (m)
2
1
0
-1
-2
-3
-4
-5
100
120
140
160
180
200
220


Ventura Line 078
Oct 2007
Oct 2008
Depth (m)
Alongline distance (m)
2
1
0
-1
-2
-3
-4
-5
-200
0
200
400
600
800
1000
1200
1400


Ventura Line 079
Oct 2007
Oct 2008
Depth (m)
Alongline distance (m)
2
1
0
-1
-2
-3
-4
-5
-200
0
200
400
600
800
1000
1200
1400
1600


Ventura Line 080
Oct 2007
Oct 2008
Depth (m)
Alongline distance (m)
2
1
0
-1
-2
-3
-4
-5
0
200
400
600
800
1000
1200