Fermoy Flood Relief Scheme.

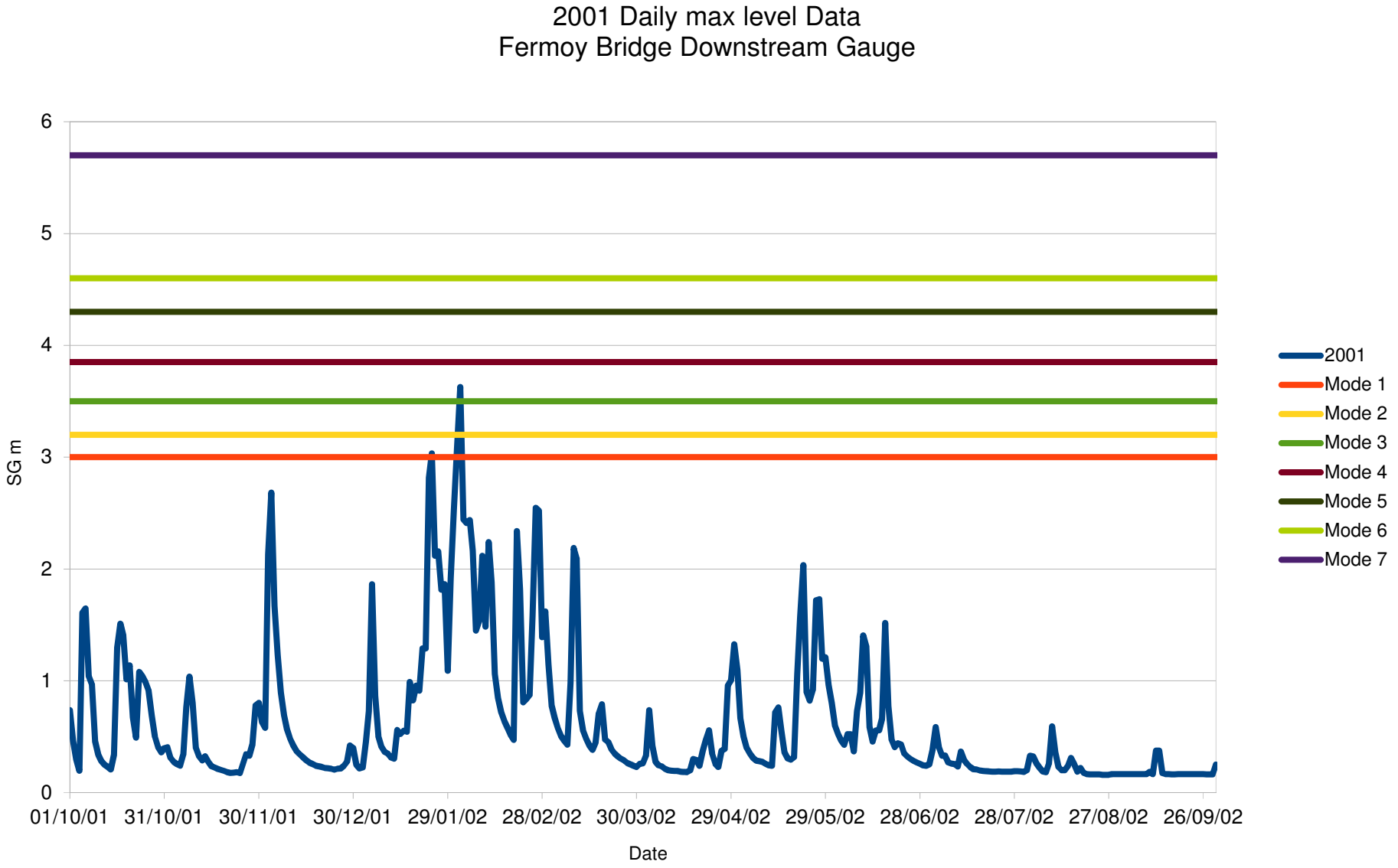
Summary of exceedances of estimated trigger levels at Fermoy Bridge Downstream Gauge for Hydrometric Years 2001 to 2017

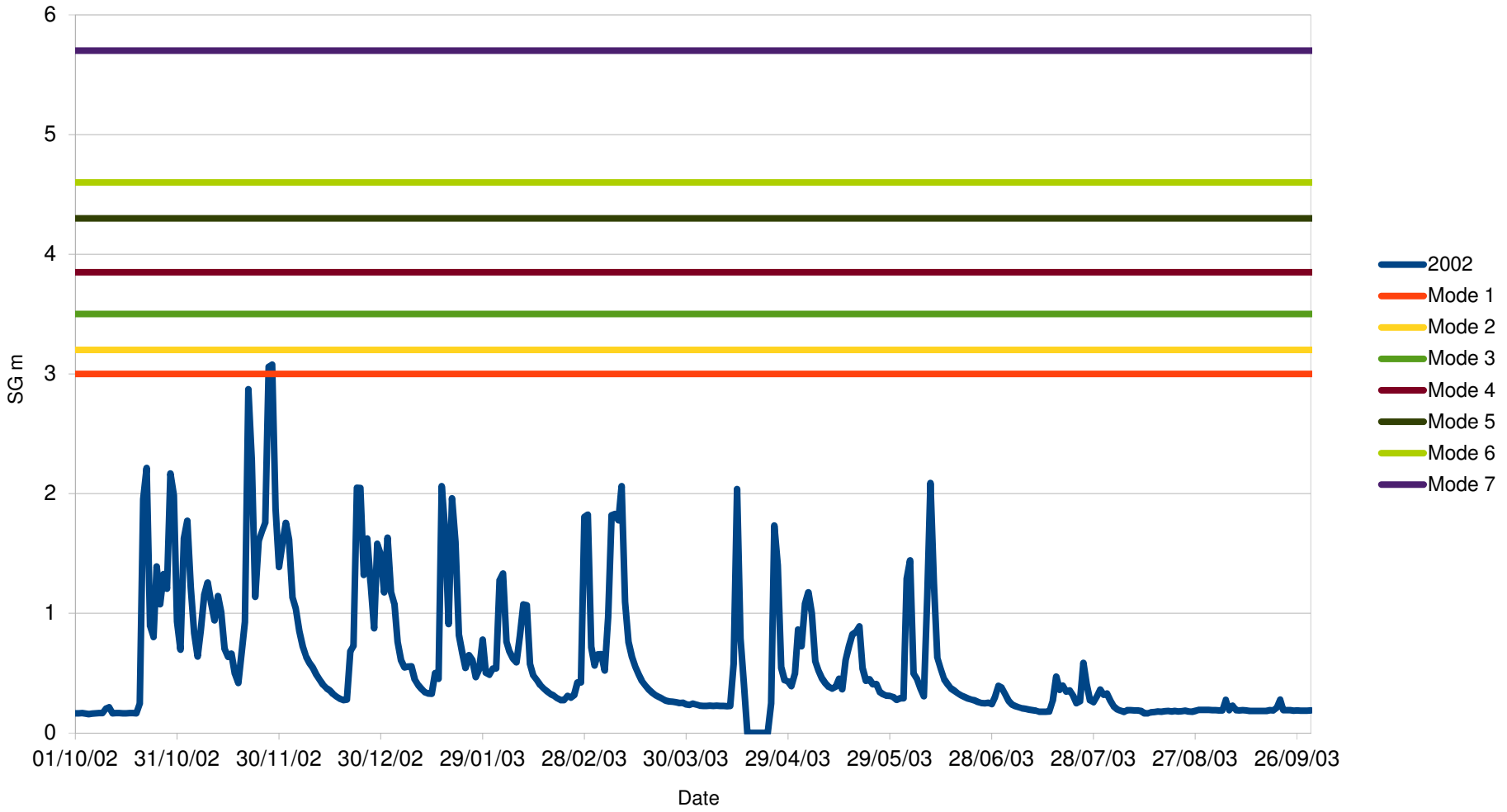
Hydrometric Year	Mode 1	Mode 2	Mode 3	Mode 4	Mode 5	Mode 6	Mode 7
2001	2	1	1	0	0	0	0
2002	1	0	0	0	0	0	0
2003	0	0	0	0	0	0	0
2004	2	2	1	1	0	0	0
2005	2	1	0	0	0	0	0
2006	2	1	1	0	0	0	0
2007	2	2	2	1	0	0	0
2008	1	1	0	0	0	0	0
2009	4	4	2	2	1	0	0
2010	0	0	0	0	0	0	0
2011	2	0	0	0	0	0	0
2012	0	0	0	0	0	0	0
2013	8	5	1	0	0	0	0
2014	1	0	0	0	0	0	0
2015	7	6	5	2	2	1	0
2016	1	0	0	0	0	0	0
2017*	4	4	1	0	0	0	0
Average number of exceedances per year for each mode for 2001 to 2017	2.44	1.69	0.88	0.38	0.19	0.06	0.00

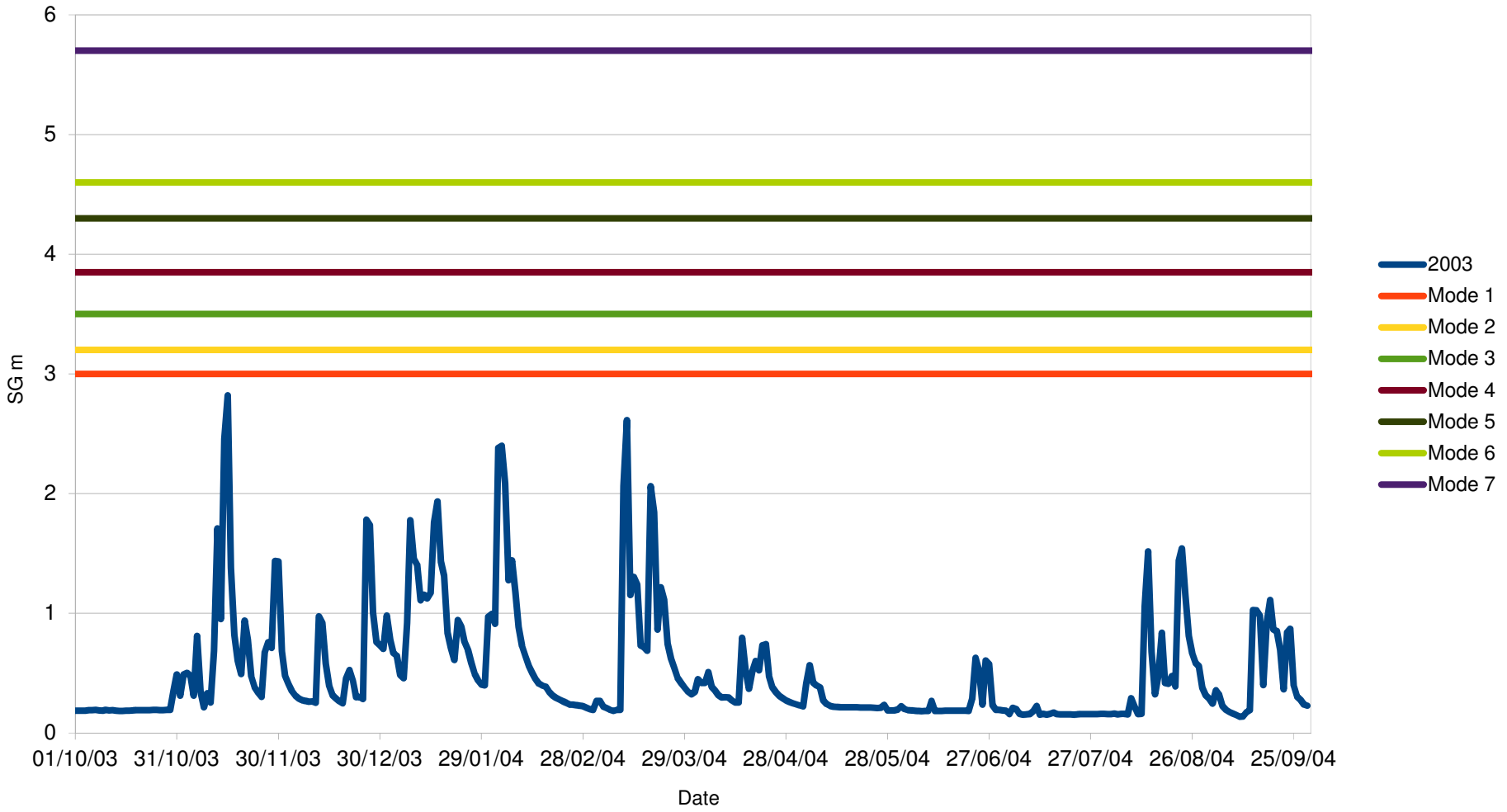
* Not a complete year's data

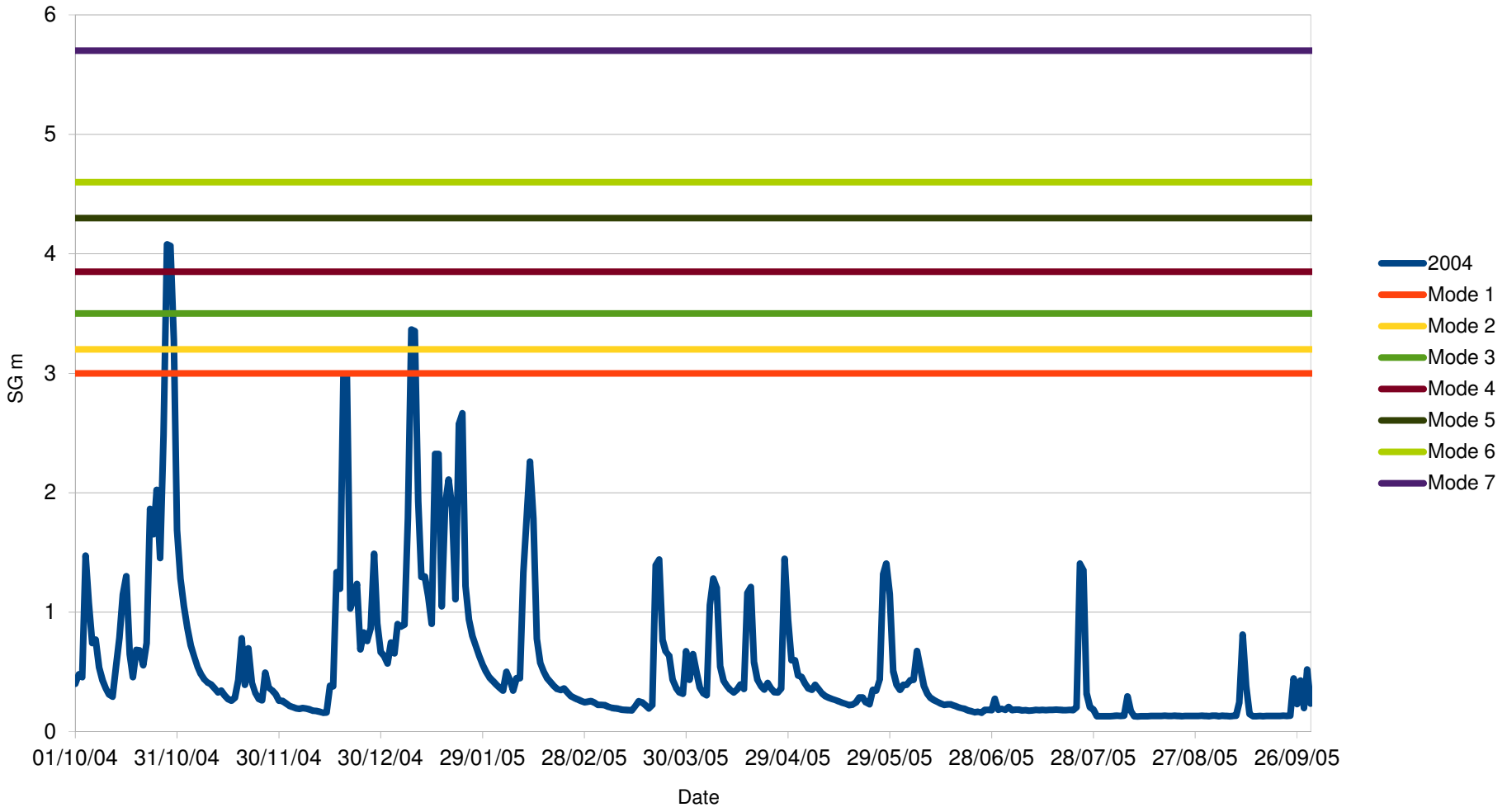
Notes:

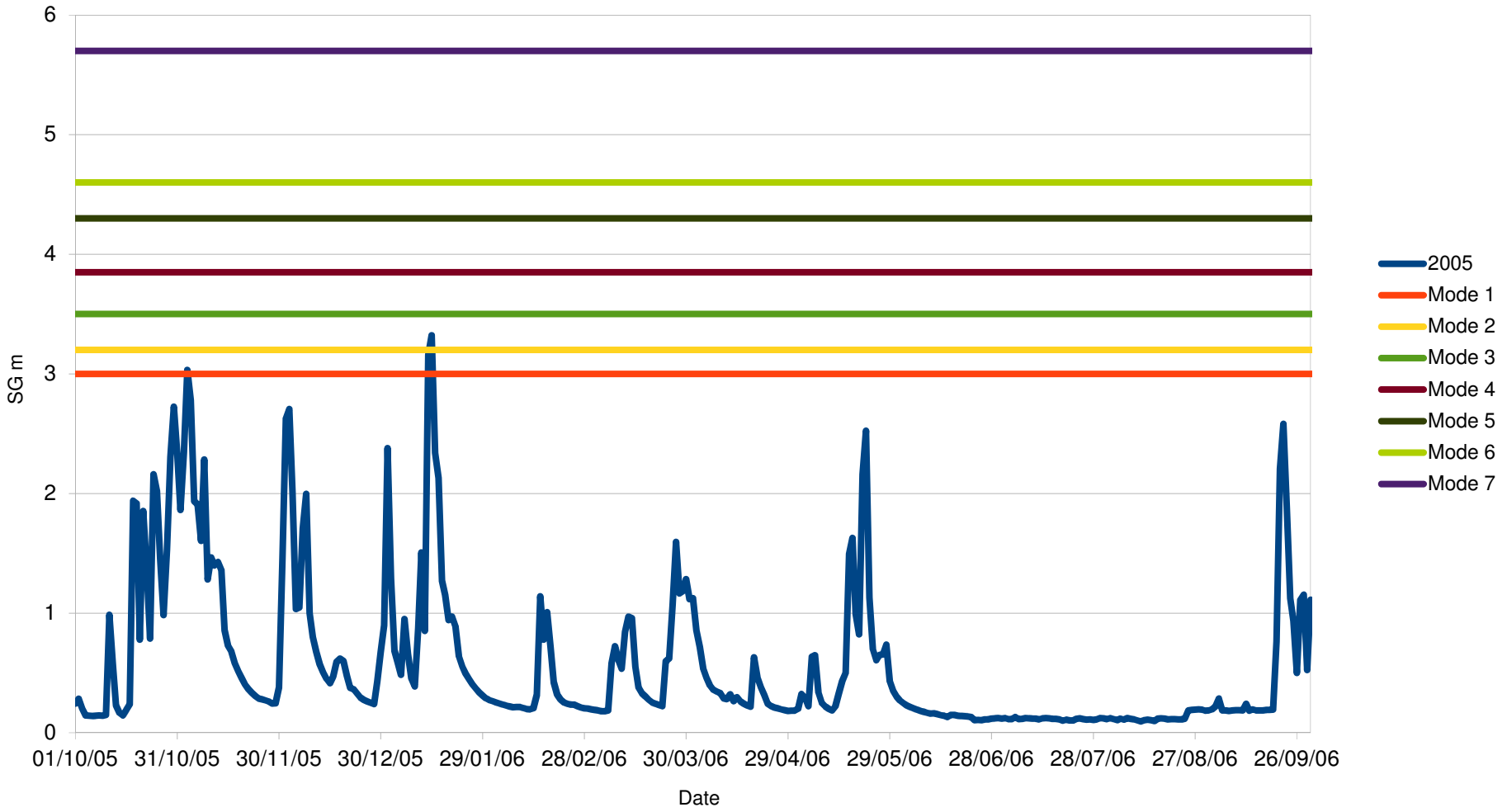
1. The Years referred to in the table above are Hydrometric years which run from October 1st to September 30th. For example, Hydrometric Year 2001 ran from 01/10/2001 to 30/09/2002.
2. It should be noted that the table above is a record for 16 complete years only (with part of a seventeenth year), and the Average number of exceedances indicated may not be a true reflection of the Annual Exceedance Probability of each mode being exceeded in any given year.
3. The information reflected in the above table is based on a factual historic record from a water level gauge operated by the OPW on the downstream side of Fermoy Town Bridge for the period indicated. The record in each year is substantially (but not always entirely) complete. The occasions where there are gaps in the record are apparent in the plots on the following pages.
4. The data for Hydrometric year 2017 is included but it should be noted that this year is not complete as yet.


2001 Daily max level Data
Fermoy Bridge Downstream Gauge
SG m
6
5
4
3
2
1
0
01/10/01
31/10/01
30/11/01
30/12/01
29/01/02
28/02/02
30/03/02
29/04/02
29/05/02
28/06/02
28/07/02
27/08/02
26/09/02
Date
2001
Mode 1
Mode 2
Mode 3
Mode 4
Mode 5
Mode 6
Mode 7

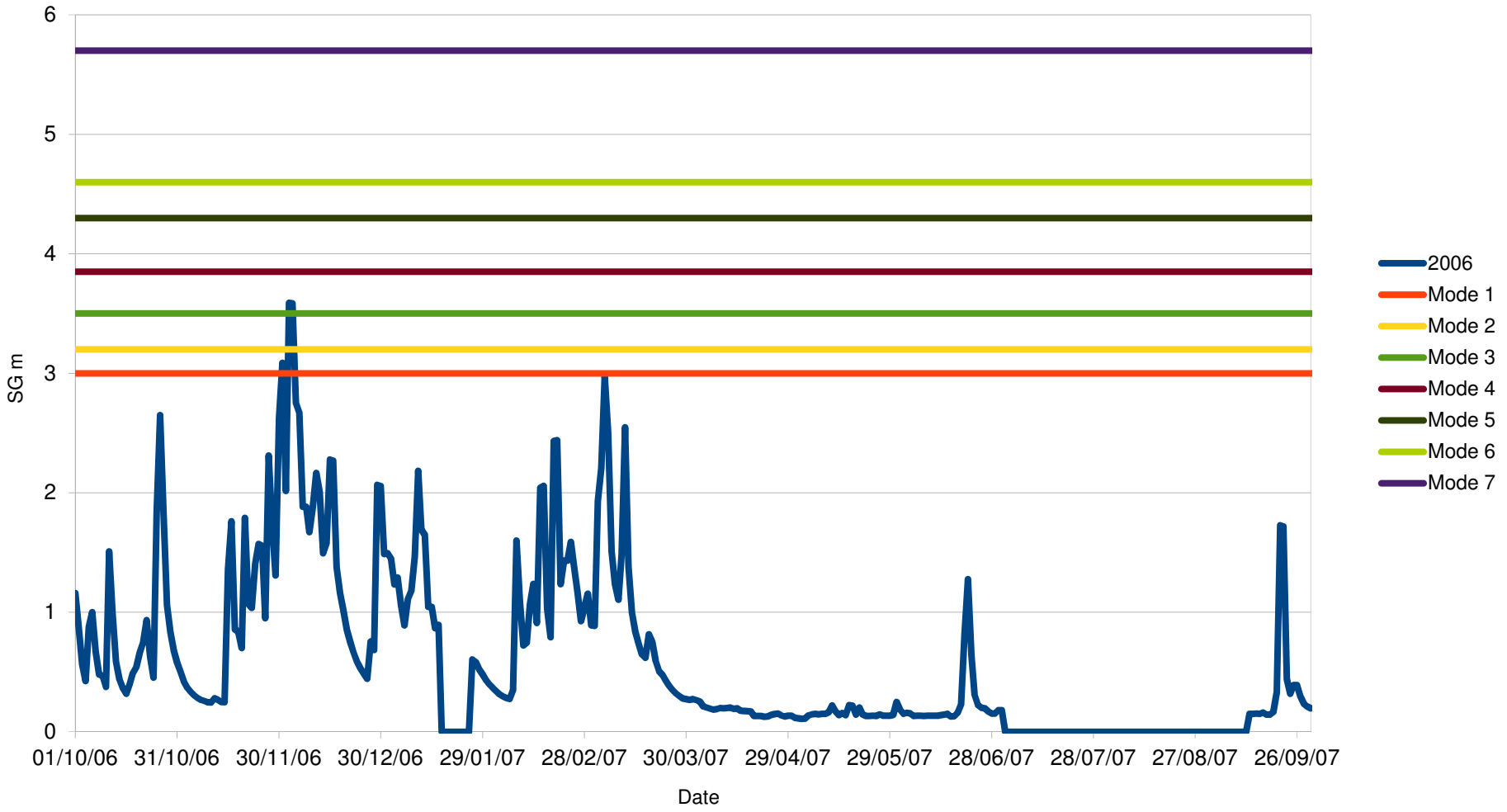

2002 Daily max level Data
Fermoy Bridge Downstream Gauge
SG m
6
5
4
3
2
1
0
01/10/02
31/10/02
30/11/02
30/12/02
29/01/03
28/02/03
30/03/03
29/04/03
29/05/03
28/06/03
28/07/03
27/08/03
26/09/03
Date
2002
Mode 1
Mode 2
Mode 3
Mode 4
Mode 5
Mode 6
Mode 7

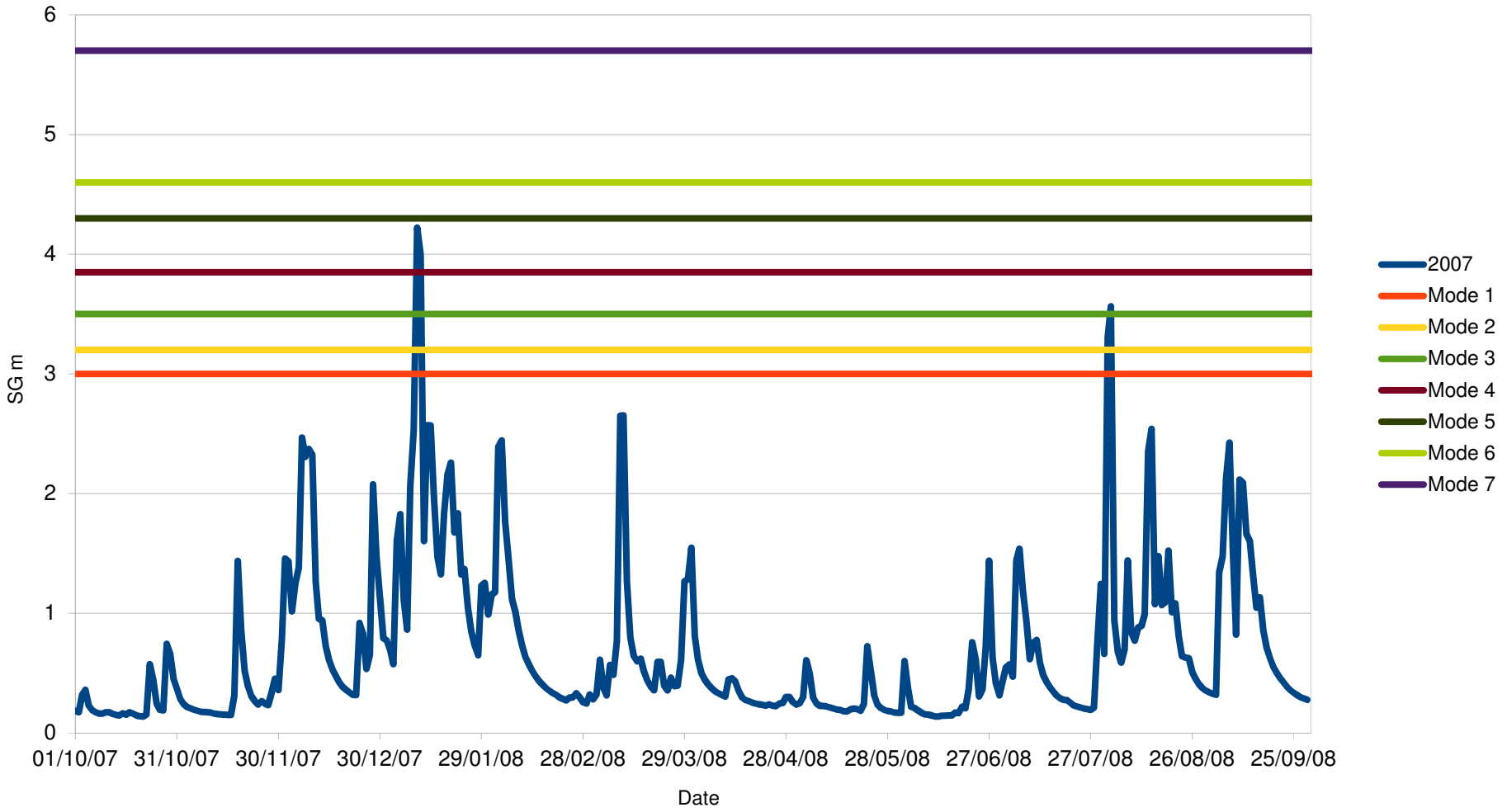

2003 Daily max level Data
Fermoy Bridge Downstream Gauge
SG m
6
5
4
3
2
1
0
01/10/03
31/10/03
30/11/03
30/12/03
29/01/04
28/02/04
29/03/04
28/04/04
28/05/04
27/06/04
27/07/04
26/08/04
25/09/04
Date
2003
Mode 1
Mode 2
Mode 3
Mode 4
Mode 5
Mode 6
Mode 7

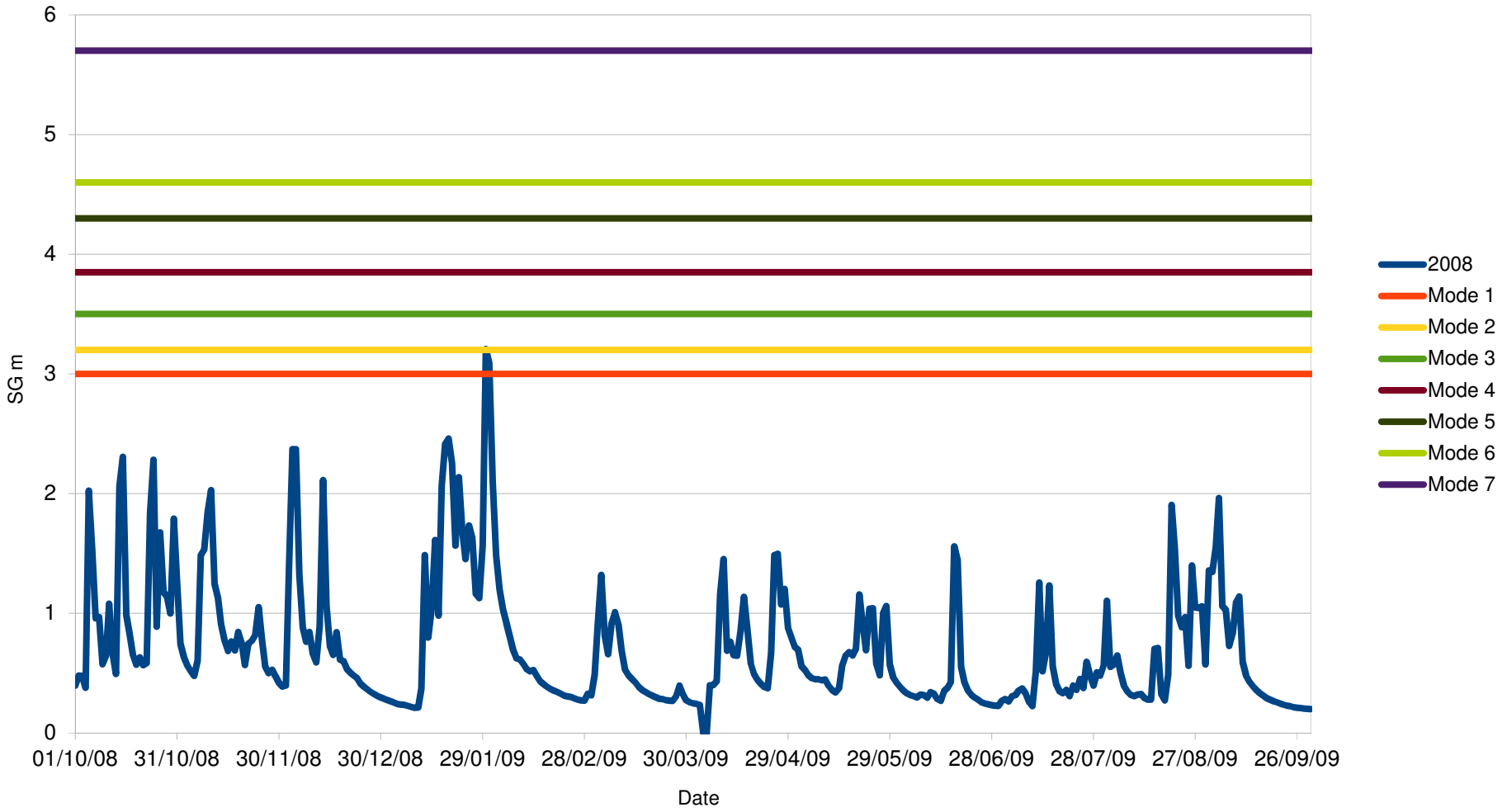

2004 Daily max level Data
Fermoy Bridge Downstream Gauge
SG m
6
5
4
3
2
1
0
01/10/04
31/10/04
30/11/04
30/12/04
29/01/05
28/02/05
30/03/05
29/04/05
29/05/05
28/06/05
28/07/05
27/08/05
26/09/05
Date
2004
Mode 1
Mode 2
Mode 3
Mode 4
Mode 5
Mode 6
Mode 7

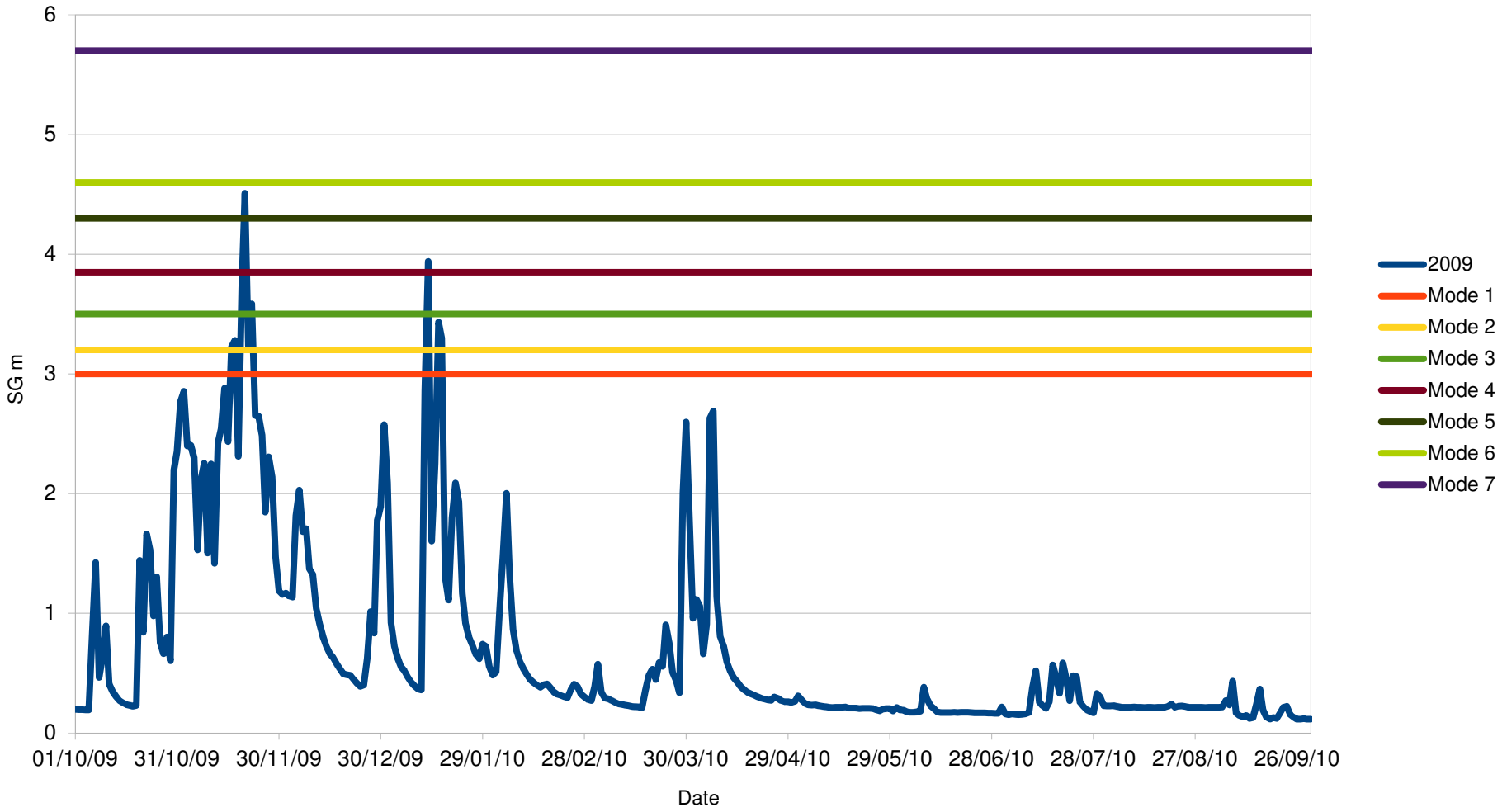

2005 Daily max level Data
Fermoy Bridge Downstream Gauge
SG m
0
1
2
3
4
5
6
01/10/05
31/10/05
30/11/05
30/12/05
29/01/06
28/02/06
30/03/06
29/04/06
29/05/06
28/06/06
28/07/06
27/08/06
26/09/06
Date
2005
Mode 1
Mode 2
Mode 3
Mode 4
Mode 5
Mode 6
Mode 7

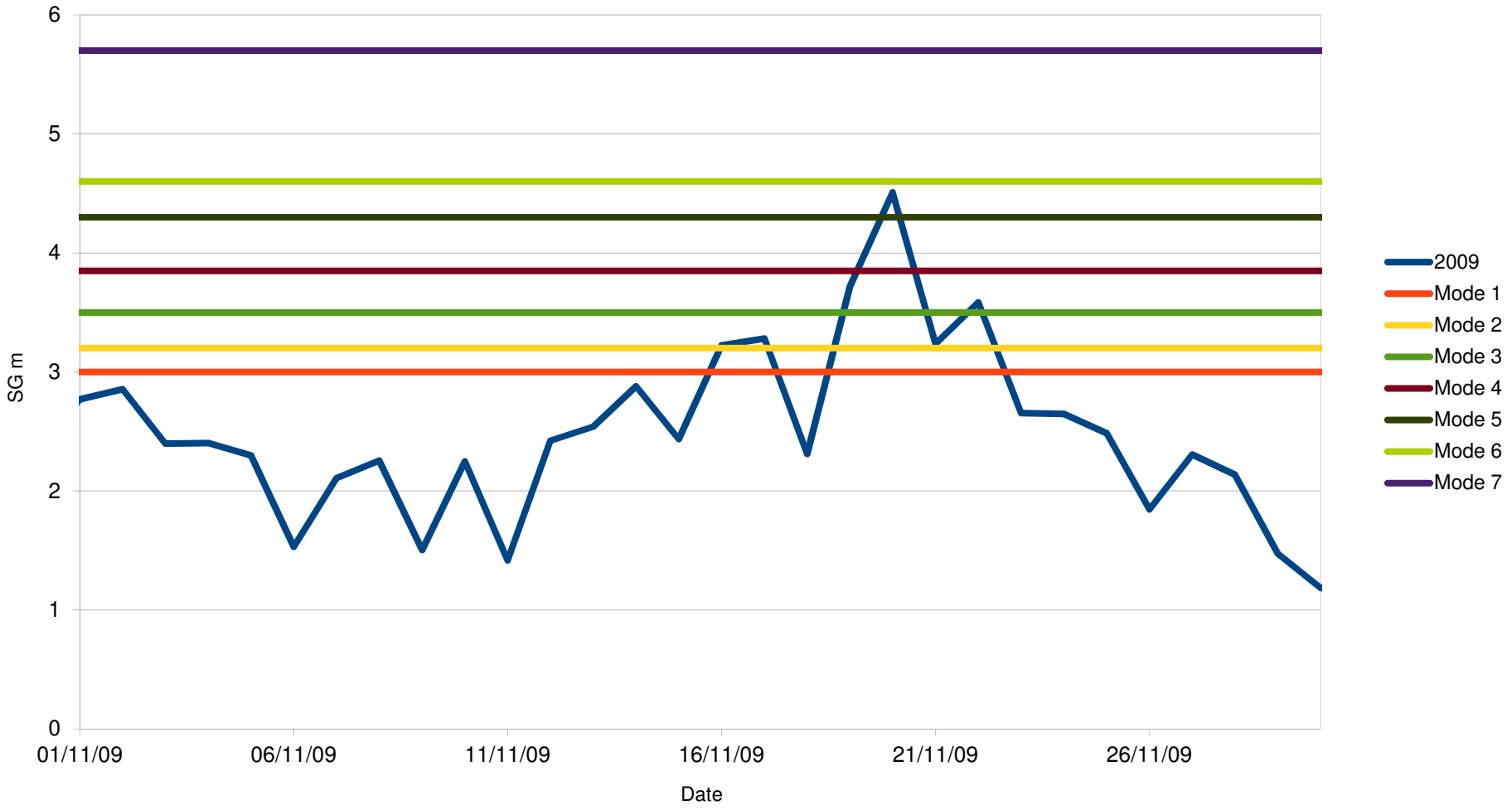
2006 Daily max level Data
Fermoy Bridge Downstream Gauge

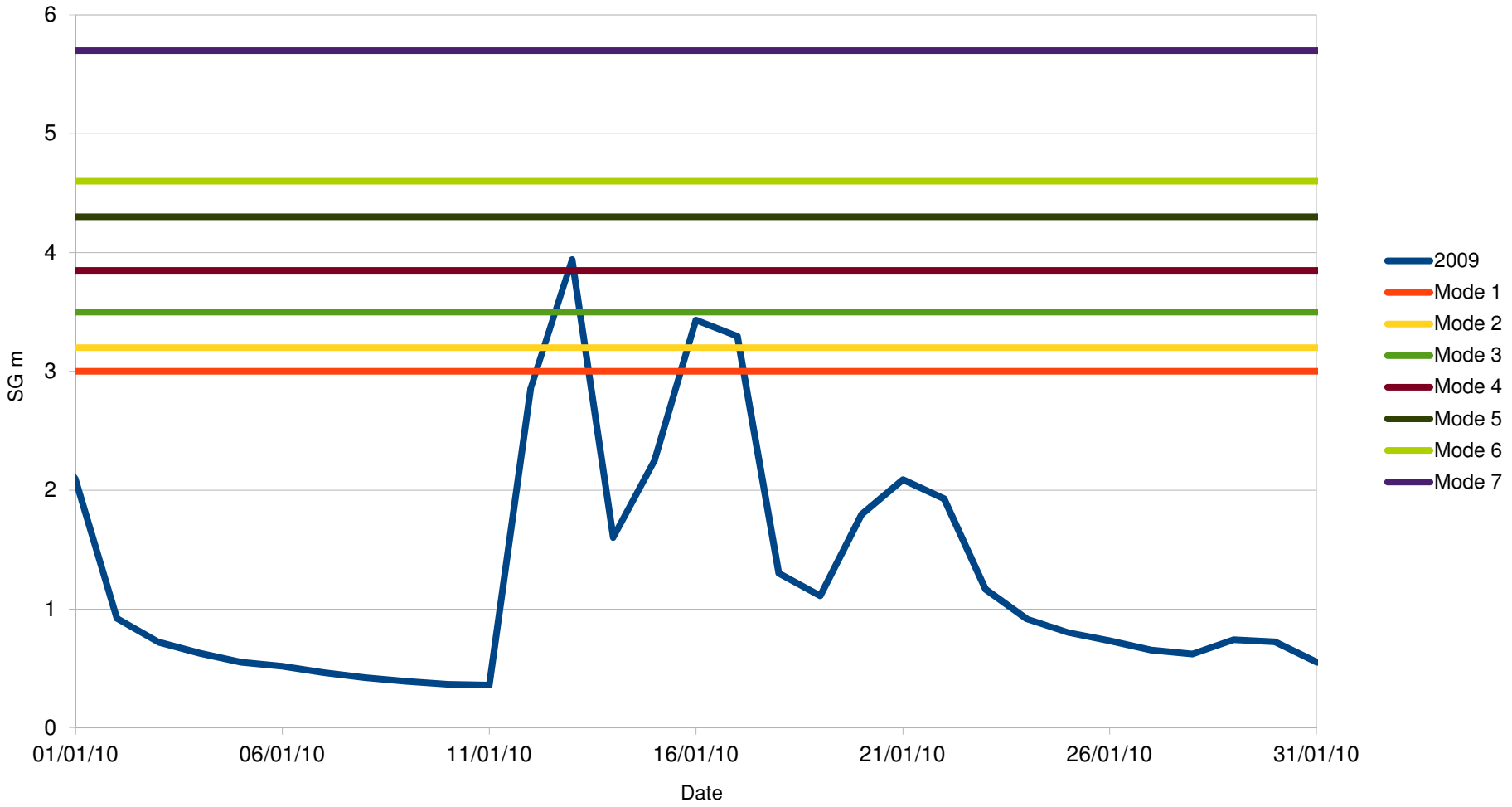


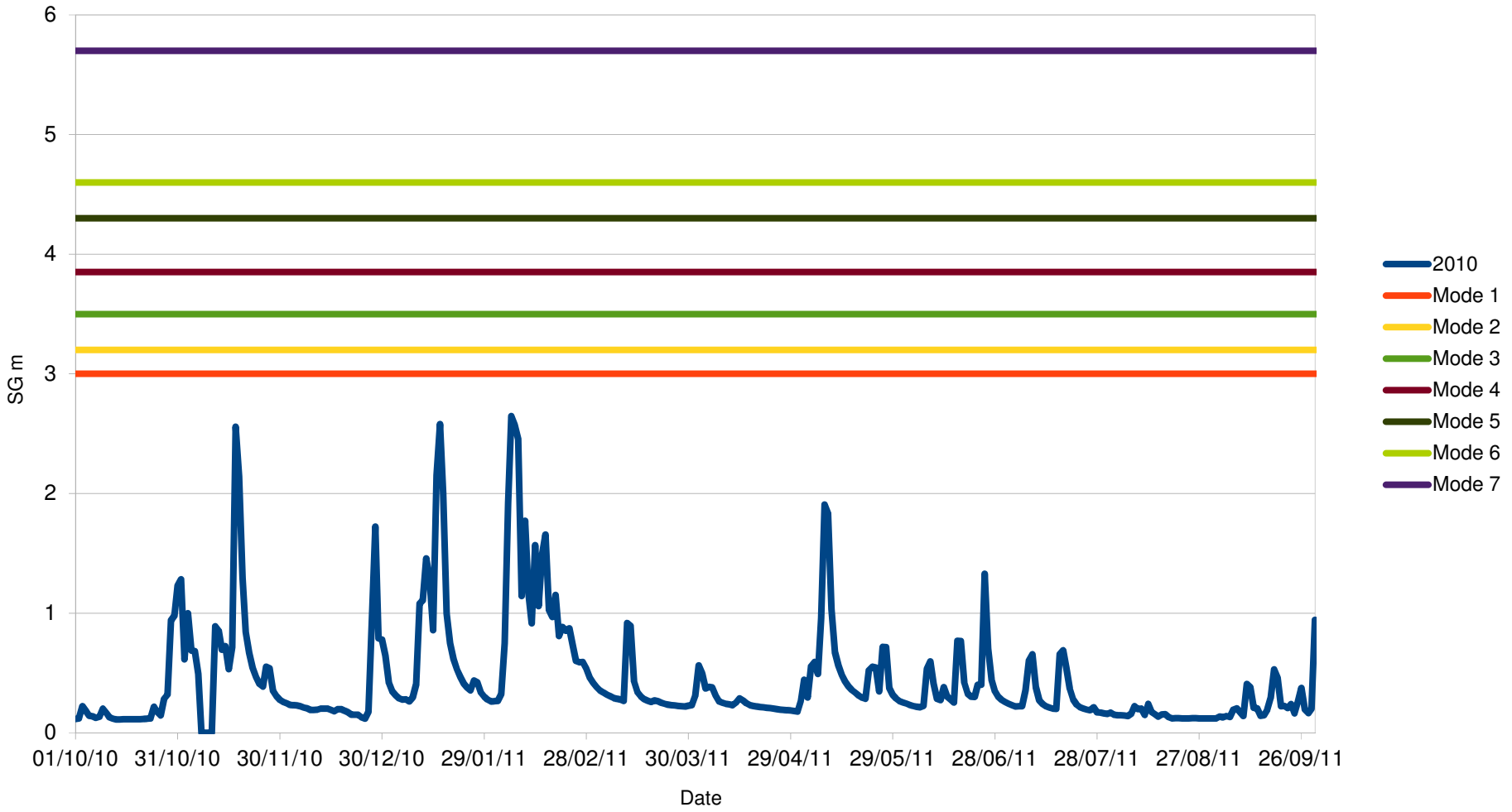

2007 Daily max level Data
Fermoy Bridge Downstream Gauge
SG m
0
1
2
3
4
5
6
01/10/07
31/10/07
30/11/07
30/12/07
29/01/08
28/02/08
29/03/08
28/04/08
28/05/08
27/06/08
27/07/08
26/08/08
25/09/08
Date
2007
Mode 1
Mode 2
Mode 3
Mode 4
Mode 5
Mode 6
Mode 7

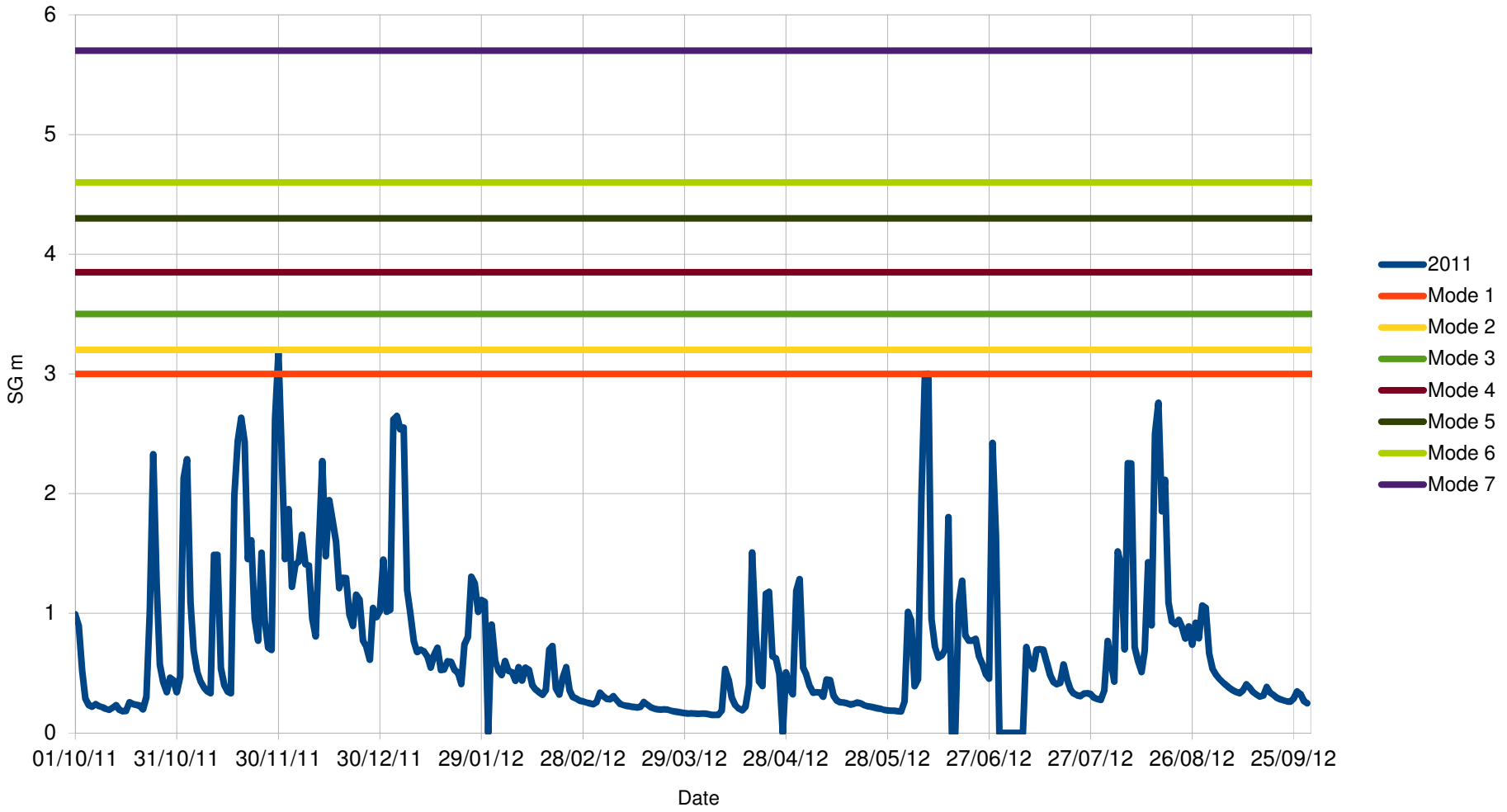

2008 Daily max level Data
Fermoy Bridge Downstream Gauge
SG m
0
1
2
3
4
5
6
01/10/08
31/10/08
30/11/08
30/12/08
29/01/09
28/02/09
30/03/09
29/04/09
29/05/09
28/06/09
28/07/09
27/08/09
26/09/09
Date
2008
Mode 1
Mode 2
Mode 3
Mode 4
Mode 5
Mode 6
Mode 7

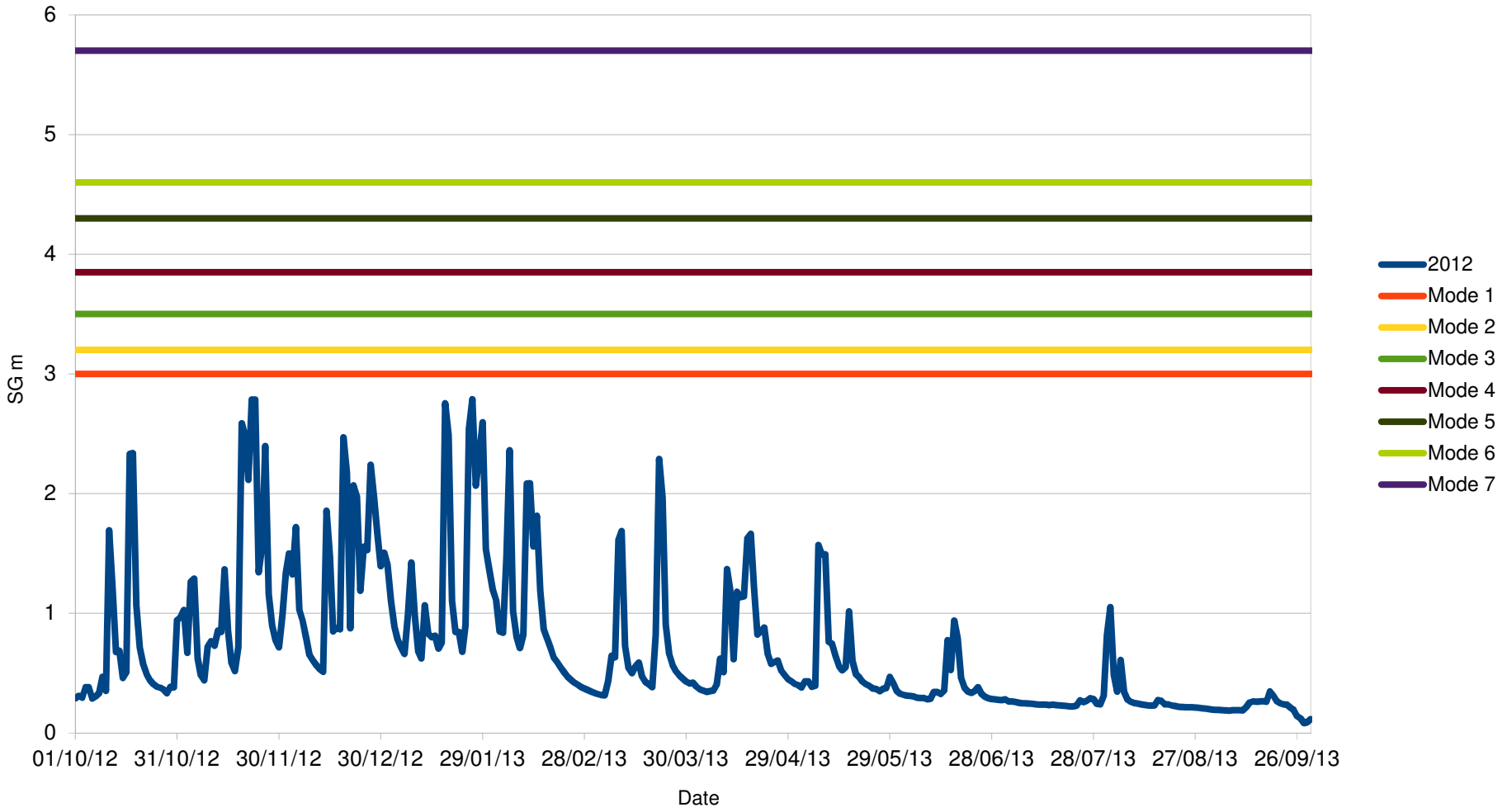

2009 Daily max level Data
Fermoy Bridge Downstream Gauge
SG m
0
1
2
3
4
5
6
01/10/09
31/10/09
30/11/09
30/12/09
29/01/10
28/02/10
30/03/10
29/04/10
29/05/10
28/06/10
28/07/10
27/08/10
26/09/10
Date
2009
Mode 1
Mode 2
Mode 3
Mode 4
Mode 5
Mode 6
Mode 7

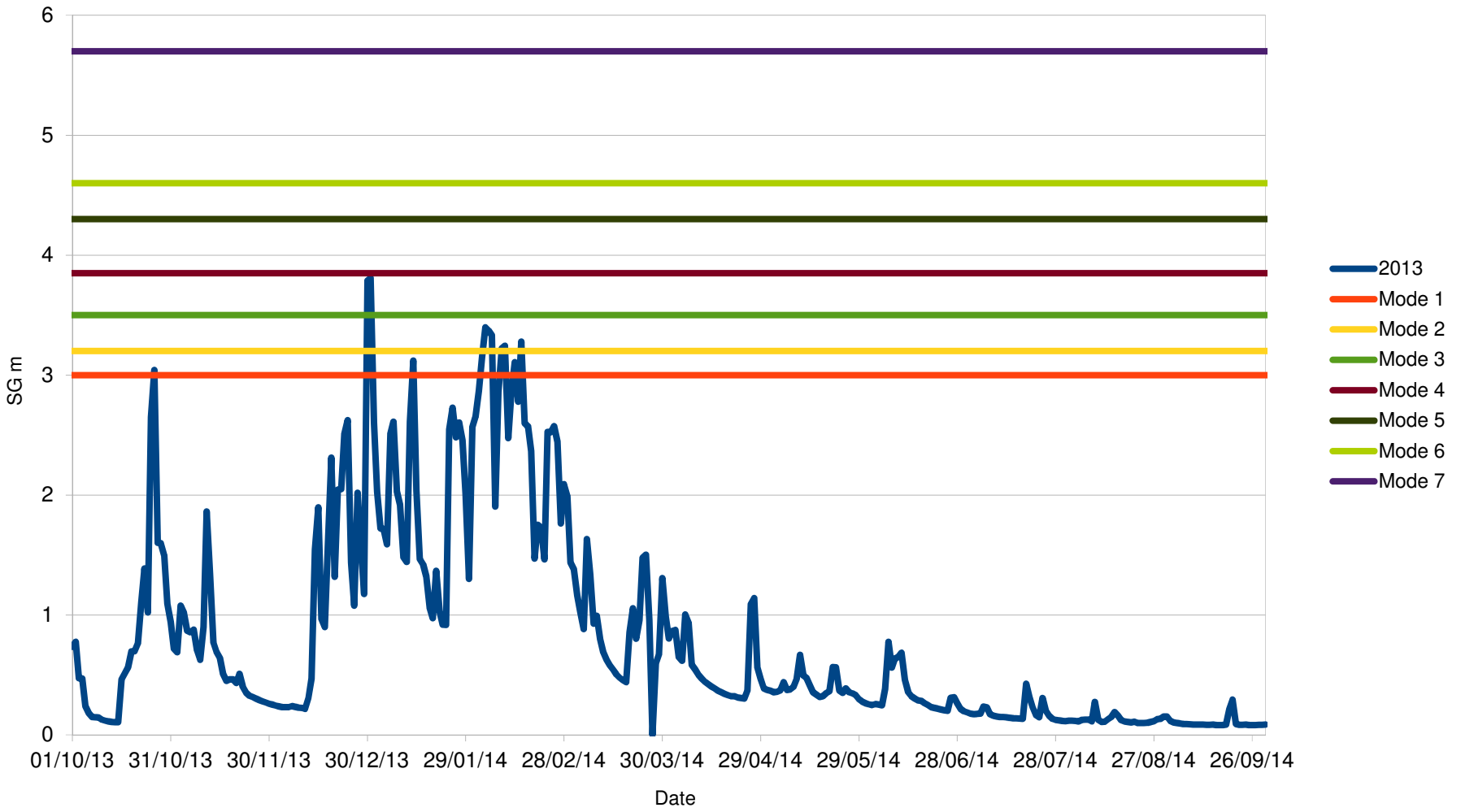

2009 Daily max level Data
Fermoy Bridge Downstream Gauge
SG m
0
1
2
3
4
5
6
01/11/09
06/11/09
11/11/09
16/11/09
21/11/09
26/11/09
Date
2009
Mode 1
Mode 2
Mode 3
Mode 4
Mode 5
Mode 6
Mode 7

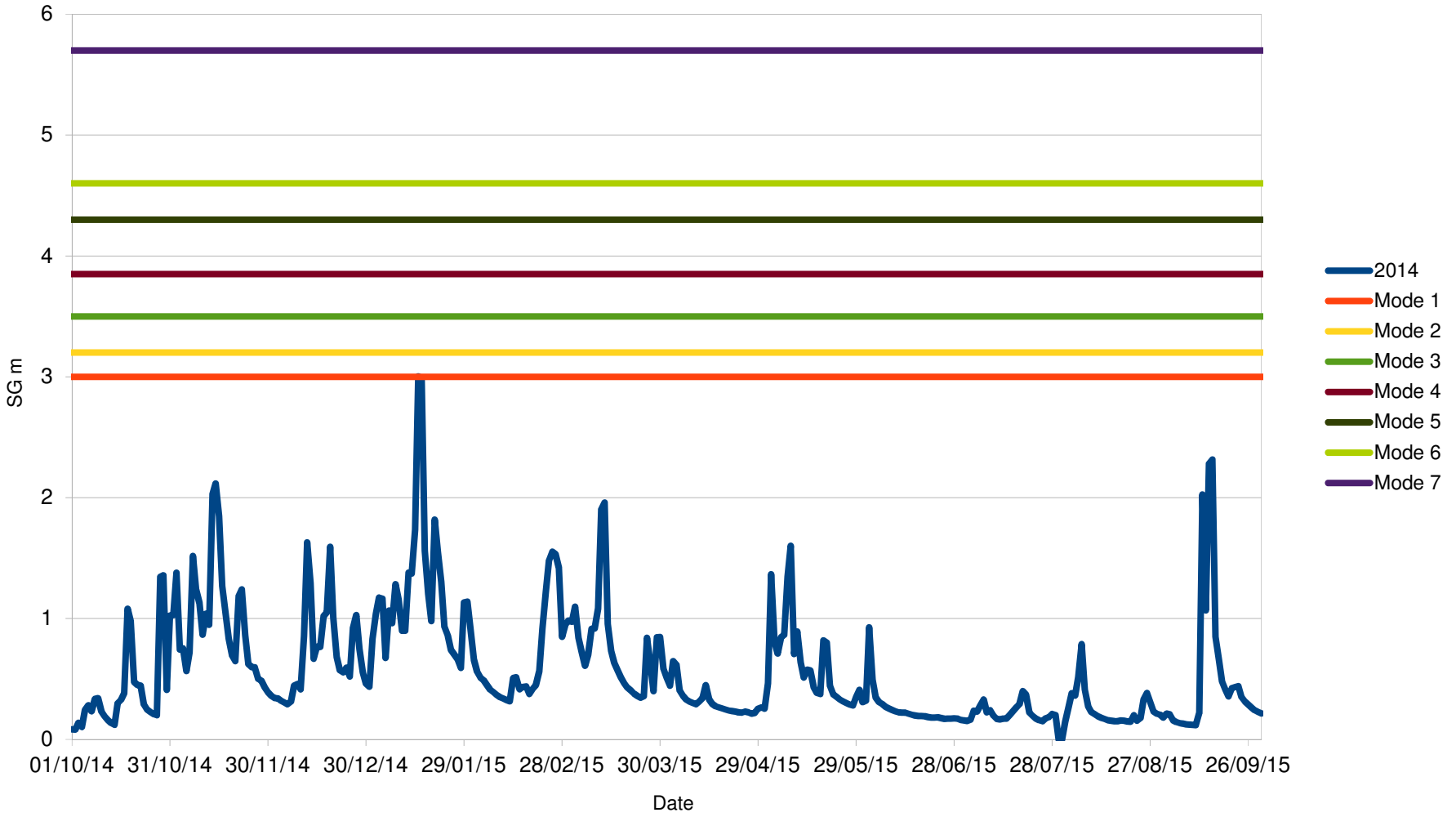

2009 Daily max level Data
Fermoy Bridge Downstream Gauge
SG m
Date
0
1
2
3
4
5
6
01/01/10
06/01/10
11/01/10
16/01/10
21/01/10
26/01/10
31/01/10
2009
Mode 1
Mode 2
Mode 3
Mode 4
Mode 5
Mode 6
Mode 7

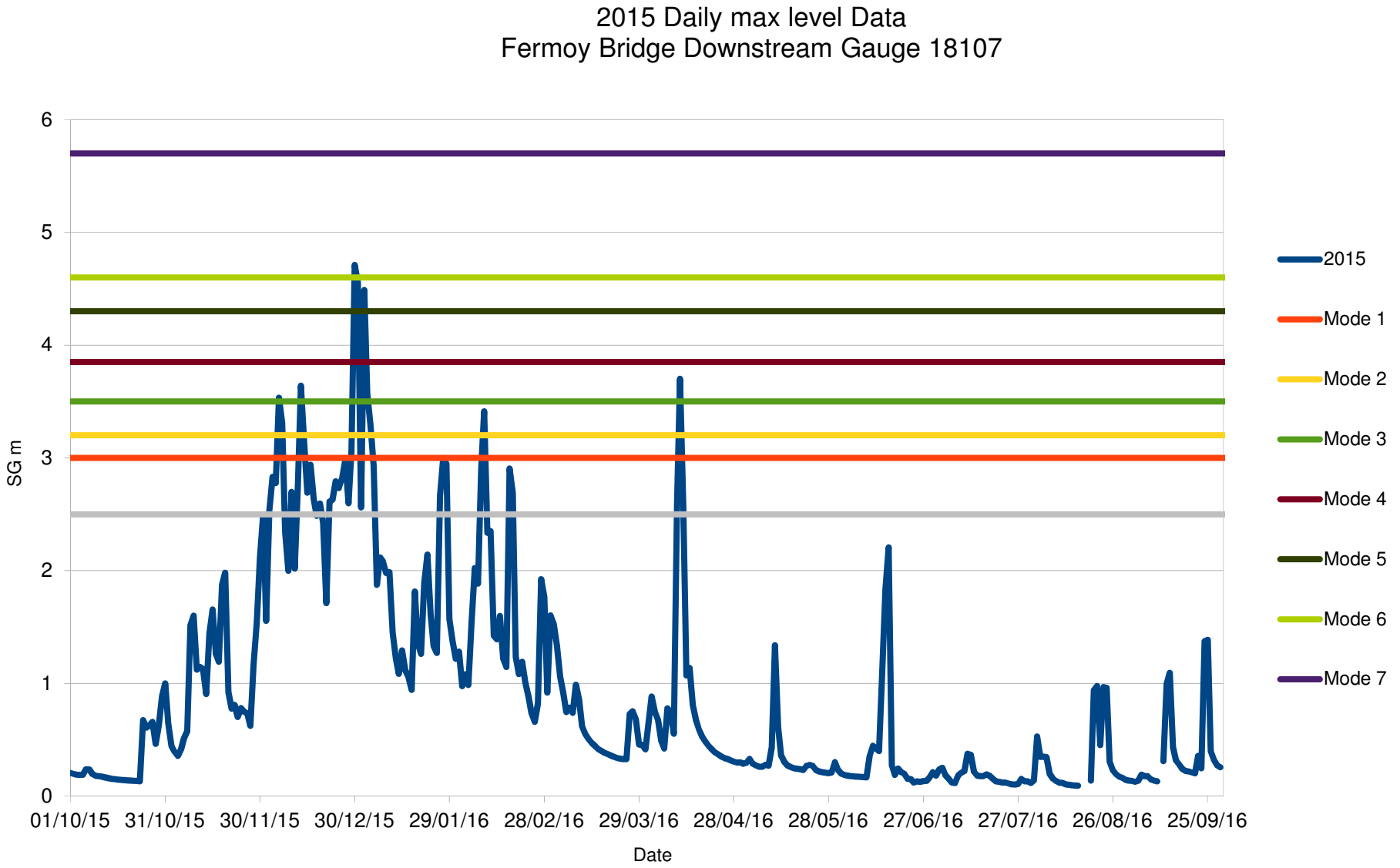

2010 Daily max level Data
Fermoy Bridge Downstream Gauge
SG m
0
1
2
3
4
5
6
01/10/10
31/10/10
30/11/10
30/12/10
29/01/11
28/02/11
30/03/11
29/04/11
29/05/11
28/06/11
28/07/11
27/08/11
26/09/11
Date
2010
Mode 1
Mode 2
Mode 3
Mode 4
Mode 5
Mode 6
Mode 7


2011 Daily max level Data
Fermoy Bridge Downstream Gauge
SG m
0
1
2
3
4
5
6
01/10/11
31/10/11
30/11/11
30/12/11
29/01/12
28/02/12
29/03/12
28/04/12
28/05/12
27/06/12
27/07/12
26/08/12
25/09/12
Date
2011
Mode 1
Mode 2
Mode 3
Mode 4
Mode 5
Mode 6
Mode 7

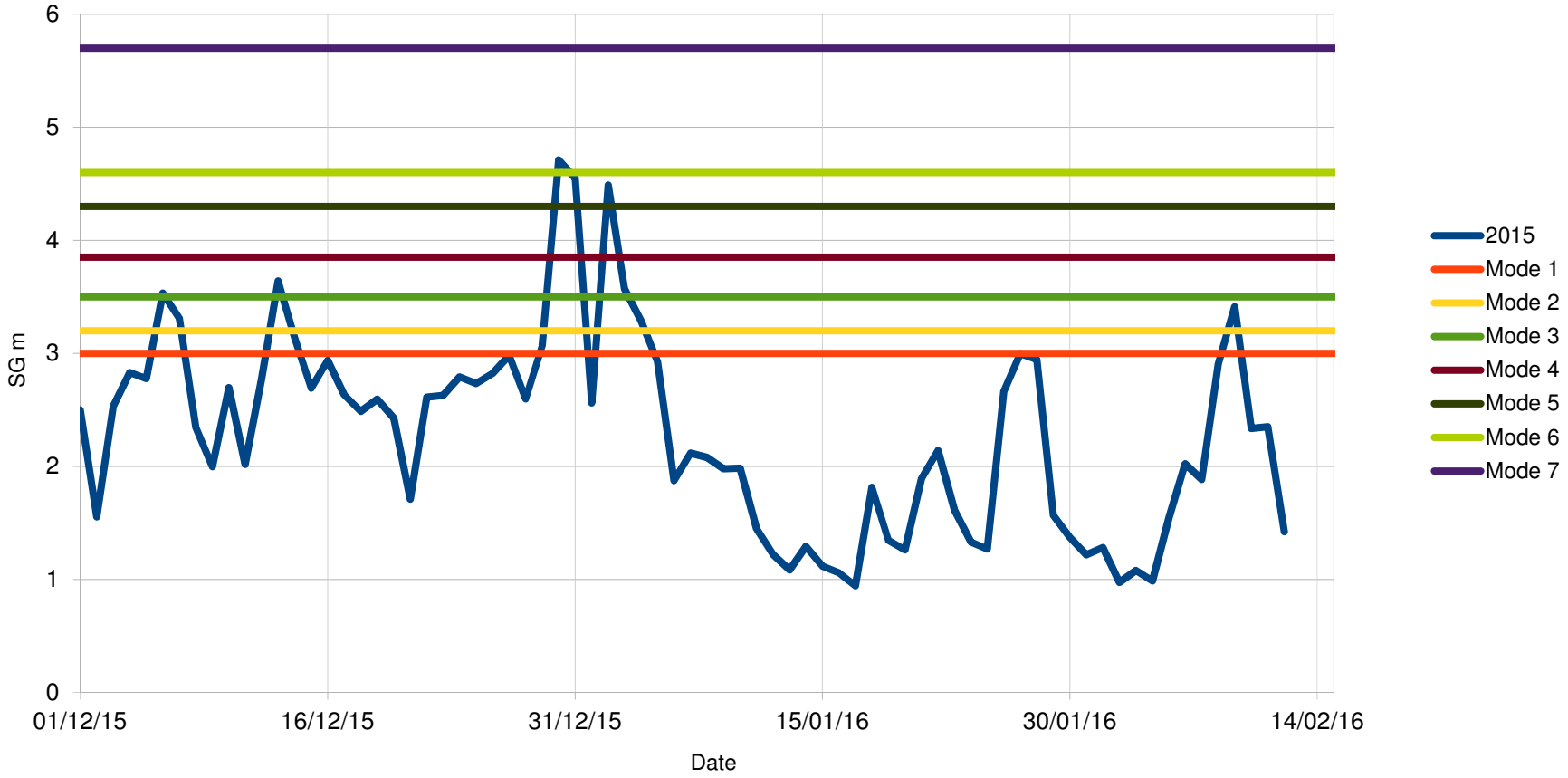

2012 Daily max level Data
Fermoy Bridge Downstream Gauge
SG m
6
5
4
3
2
1
0
01/10/12
31/10/12
30/11/12
30/12/12
29/01/13
28/02/13
30/03/13
29/04/13
29/05/13
28/06/13
28/07/13
27/08/13
26/09/13
Date
2012
Mode 1
Mode 2
Mode 3
Mode 4
Mode 5
Mode 6
Mode 7

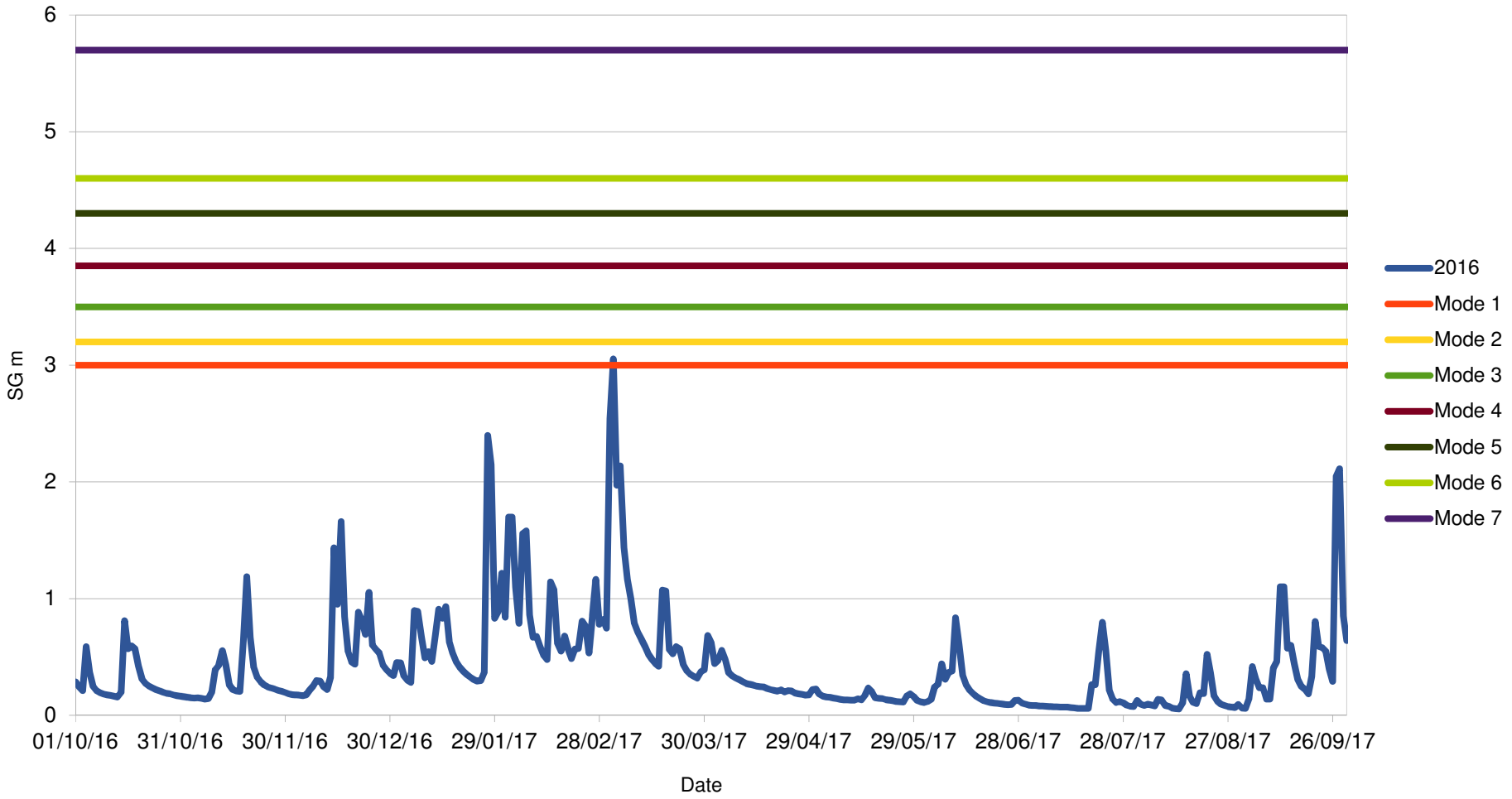

2013 Daily max level Data
Fermoy Bridge Downstream Gauge
SG m
6
5
4
3
2
1
0
01/10/13
31/10/13
30/11/13
30/12/13
29/01/14
28/02/14
30/03/14
29/04/14
29/05/14
28/06/14
28/07/14
27/08/14
26/09/14
Date
2013
Mode 1
Mode 2
Mode 3
Mode 4
Mode 5
Mode 6
Mode 7

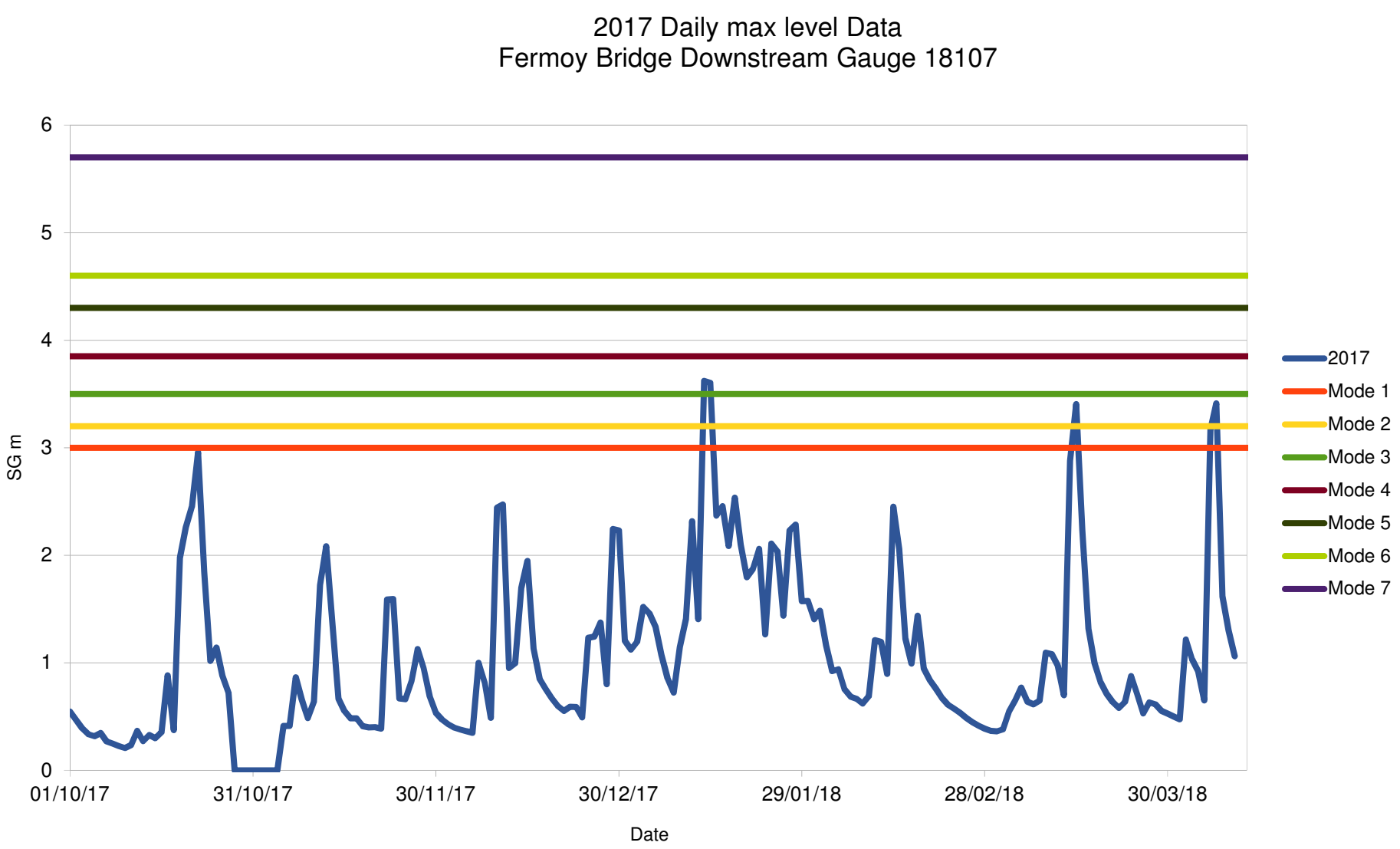

2014 Daily max level Data
Fermoy Bridge Downstream Gauge
SG m
6
5
4
3
2
1
0
01/10/14
31/10/14
30/11/14
30/12/14
29/01/15
28/02/15
30/03/15
29/04/15
29/05/15
28/06/15
28/07/15
27/08/15
26/09/15
Date
2014
Mode 1
Mode 2
Mode 3
Mode 4
Mode 5
Mode 6
Mode 7


2015 Daily max level Data
Fermoy Bridge Downstream Gauge 18107
SG m
0
1
2
3
4
5
6
01/10/15
31/10/15
30/11/15
30/12/15
29/01/16
28/02/16
29/03/16
28/04/16
28/05/16
27/06/16
27/07/16
26/08/16
25/09/16
Date
2015
Mode 1
Mode 2
Mode 3
Mode 4
Mode 5
Mode 6
Mode 7

2015 Daily max level Data (December to February)
Fermoy Bridge Downstream Gauge




2016 Daily max level Data
Fermoy Bridge Downstream Gauge 18107
SG m
6
5
4
3
2
1
0
01/10/16
31/10/16
30/11/16
30/12/16
29/01/17
28/02/17
30/03/17
29/04/17
29/05/17
28/06/17
28/07/17
27/08/17
26/09/17
Date
2016
Mode 1
Mode 2
Mode 3
Mode 4
Mode 5
Mode 6
Mode 7


2017 Daily max level Data
Fermoy Bridge Downstream Gauge 18107
SG m
6
5
4
3
2
1
0
01/10/17
31/10/17
30/11/17
30/12/17
29/01/18
28/02/18
30/03/18
Date
2017
Mode 1
Mode 2
Mode 3
Mode 4
Mode 5
Mode 6
Mode 7