

Spring Discharge Report

September 2011



Department of Water Resources

DISCLAIMER

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Summary of Spring Discharge Measurements

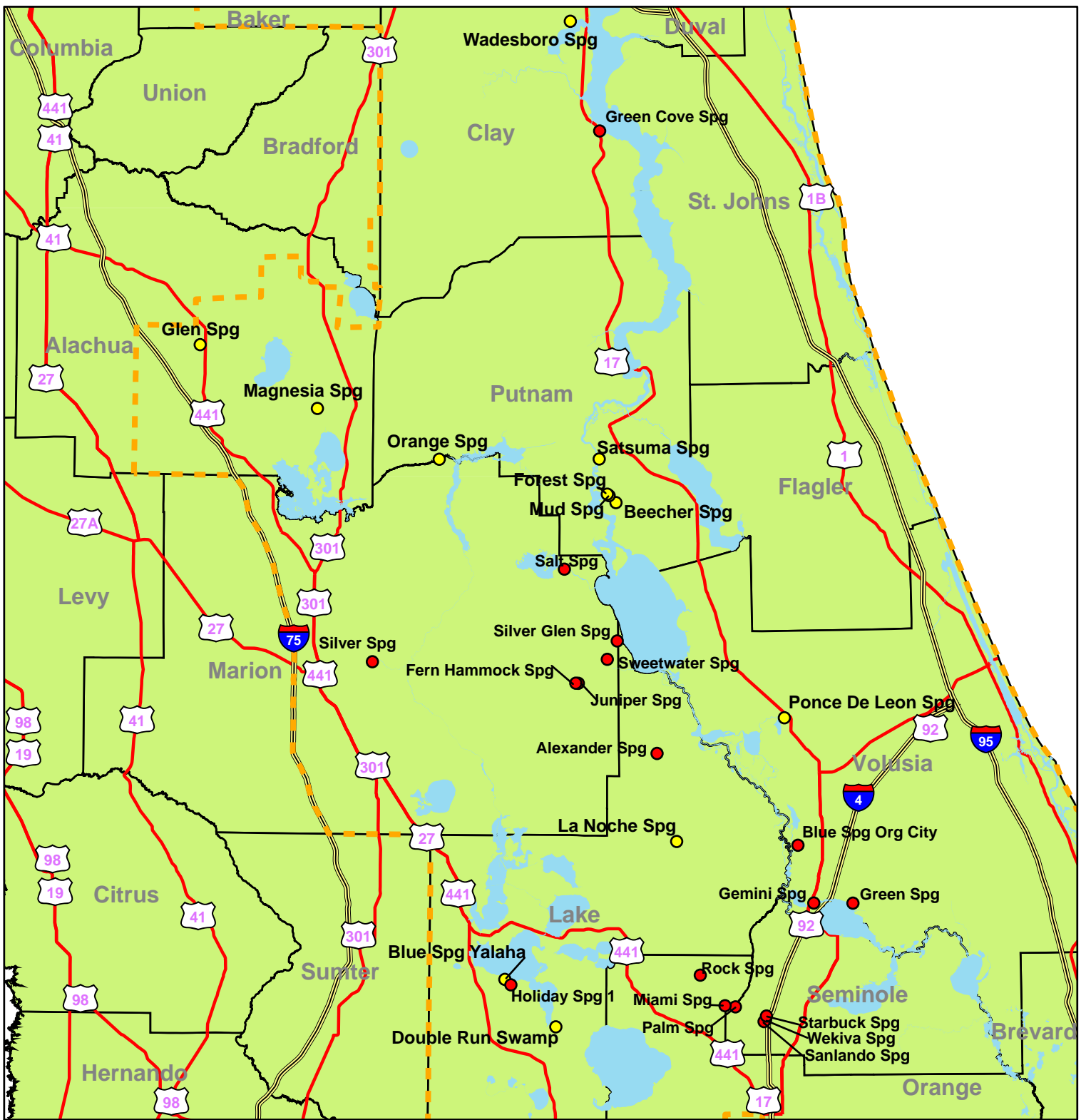
St. Johns River Water Management District

September 2011

Prepared By

Division of Water Resource Information

Springs Graphed	Springs not Graphed
Alexander Springs Nr Astor	Beecher Springs Nr Welaka
Blue Springs Nr Orange City	Blue Springs Nr Yalaha
Fern Hammock Springs Nr Ocala	Camp La Noche Springs Nr Paisley
Gemini Springs Nr Debarry	Double Run Swamp Nr Astatula
Green Cove Springs At Green Cove Springs	Forest Springs Nr Welaka
Green Springs Nr Deltona	Glen Springs In Gainesville
Holiday Springs Nr Yalaha	Magnesia Springs Nr Grove Park
Juniper Springs Nr Ocala	Mud Springs Nr Welaka
Miami Springs Nr Longwood	Orange Springs At Orange Springs
Palm Springs Nr Longwood	Ponce De Leon Springs
Rock Springs Nr Apopka	Satsuma Springs Nr Welaka
Salt Springs Nr Eureka Fl	Wadesboro Springs Nr Orange Park
Sanlando Springs Nr Longwood	
Silver Glen Springs Nr Astor	
Silver Springs Nr Ocala	
Starbuck Spring Nr Longwood	
Sweetwater Springs Nr Astor	
Wekiva Springs Nr Altamonte Springs	

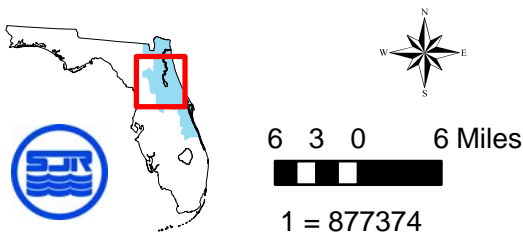


Legend

- SPRINGS Graphed
- SPRINGS Not Graphed
- Lakes and Rivers
- SJRWMD Boundary
- Interstate Highways
- US Highways
- County Boundary

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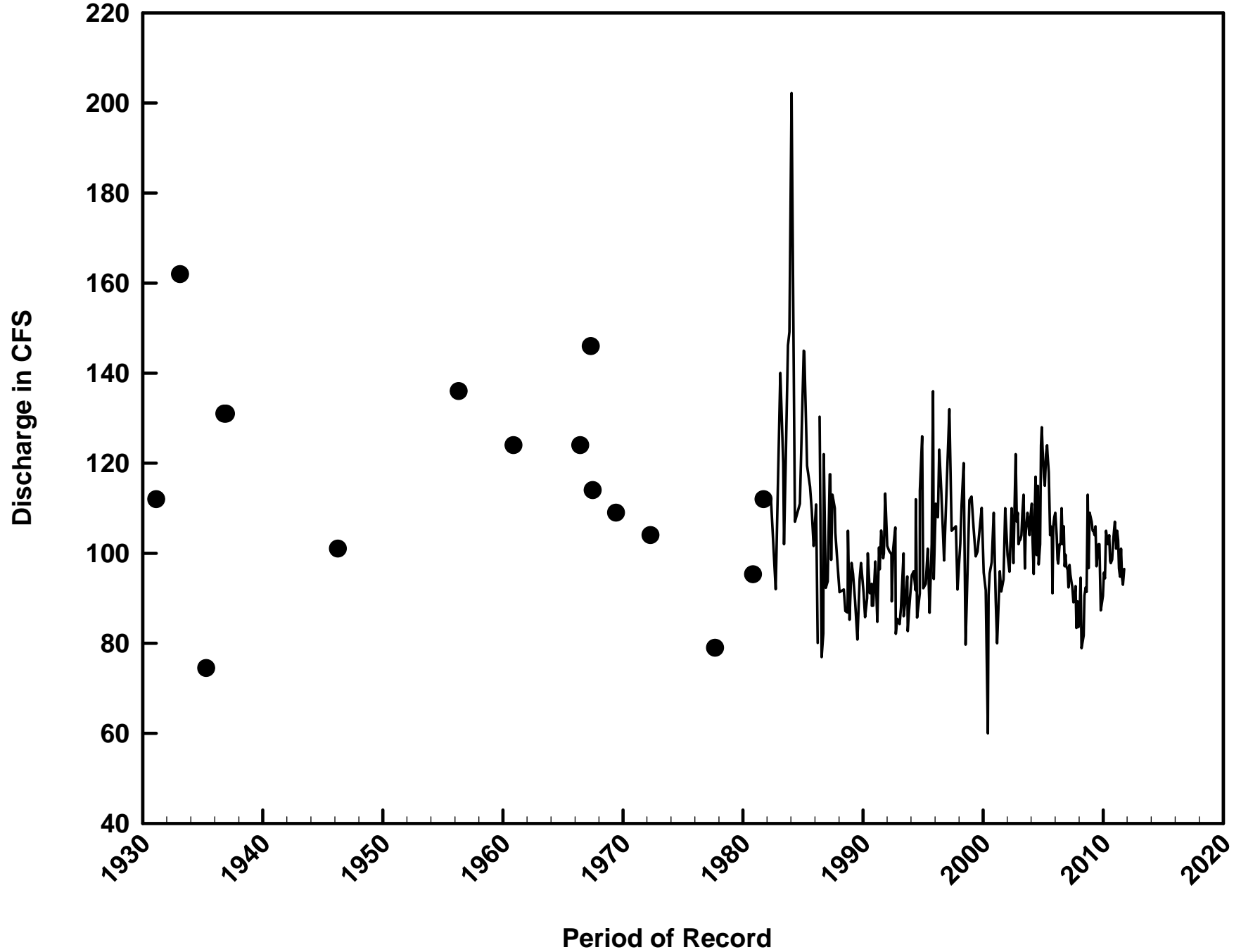
Spring Discharge Sites



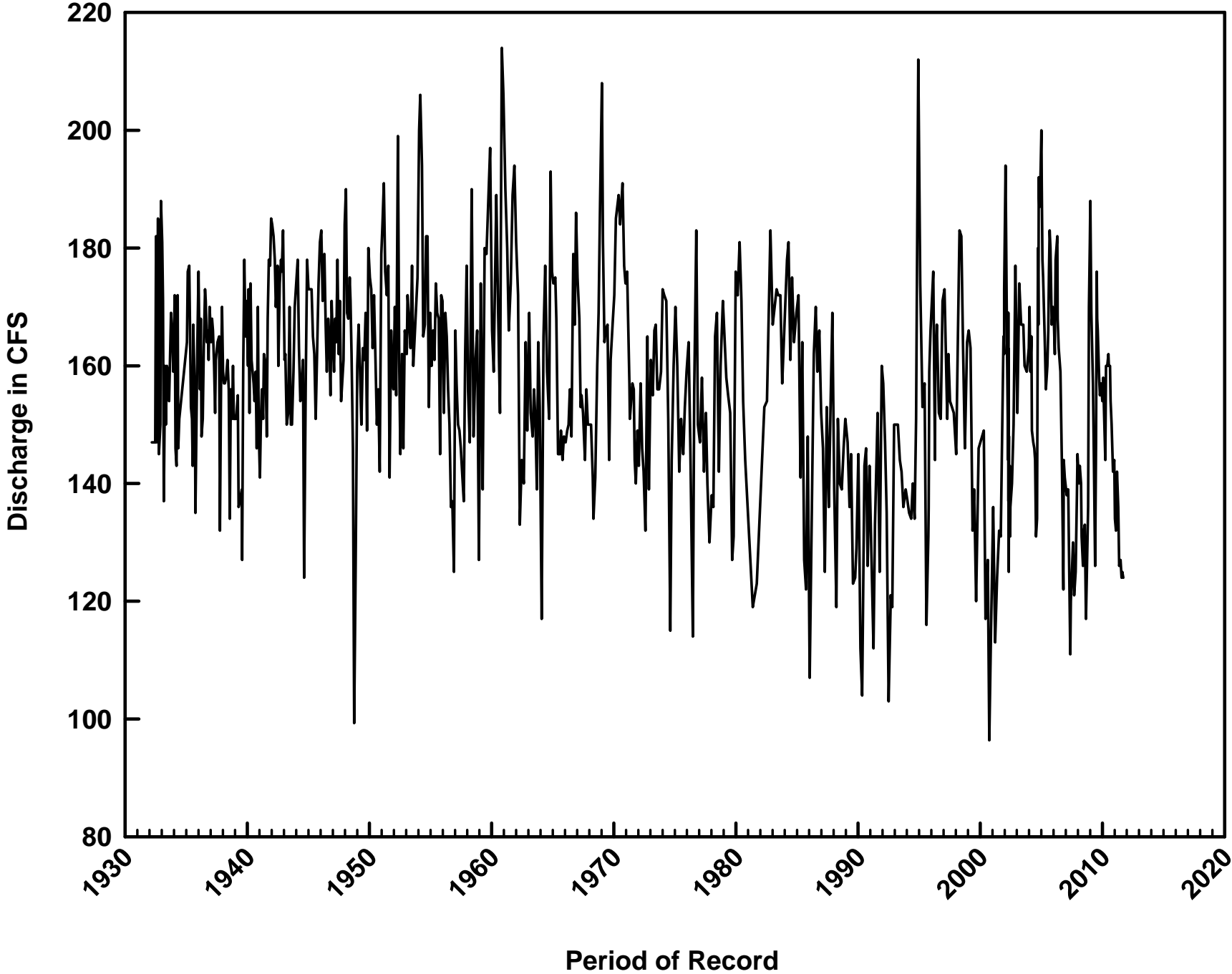
DISCHARGE MEASUREMENTS

GRAPHS

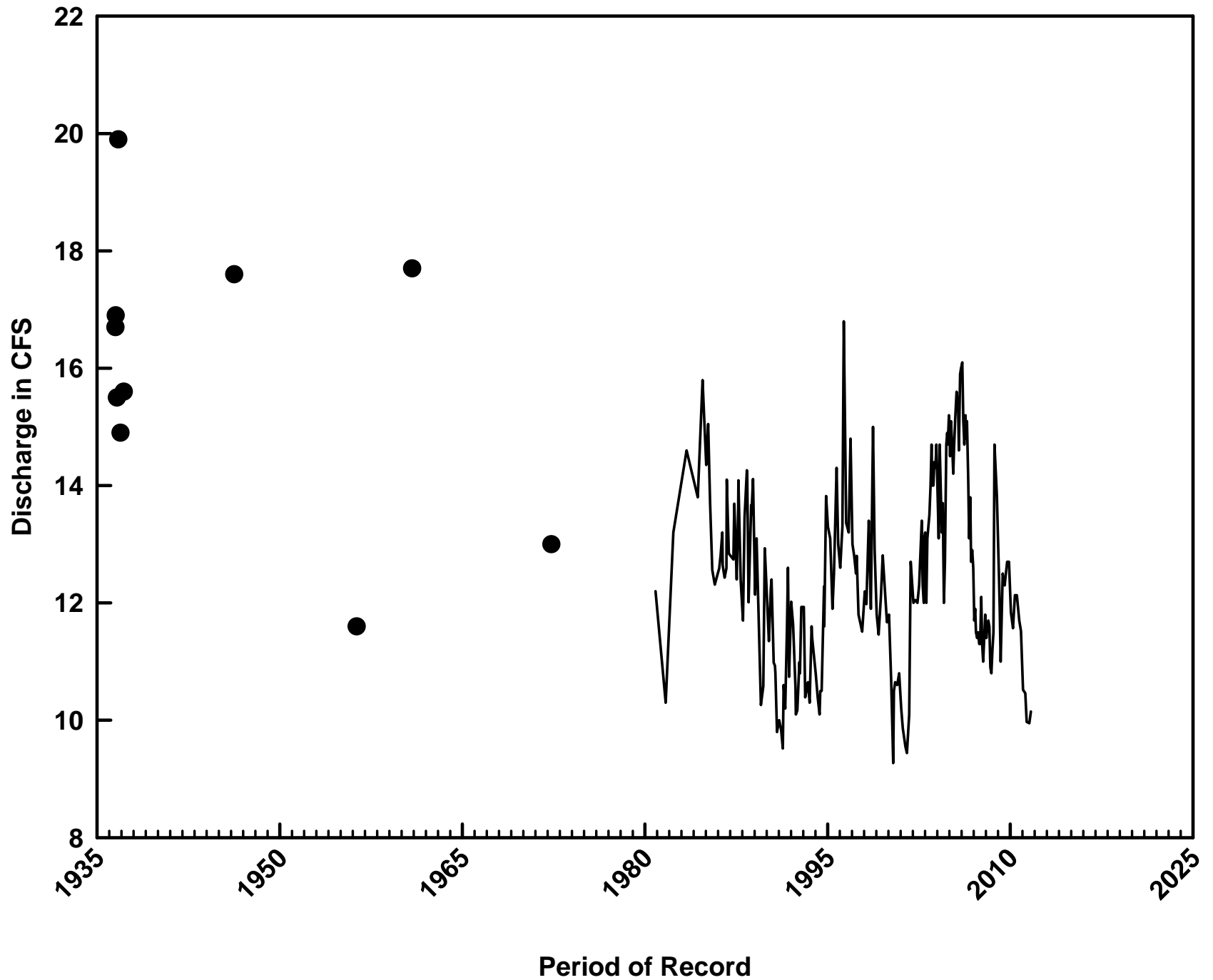
Alexander Springs



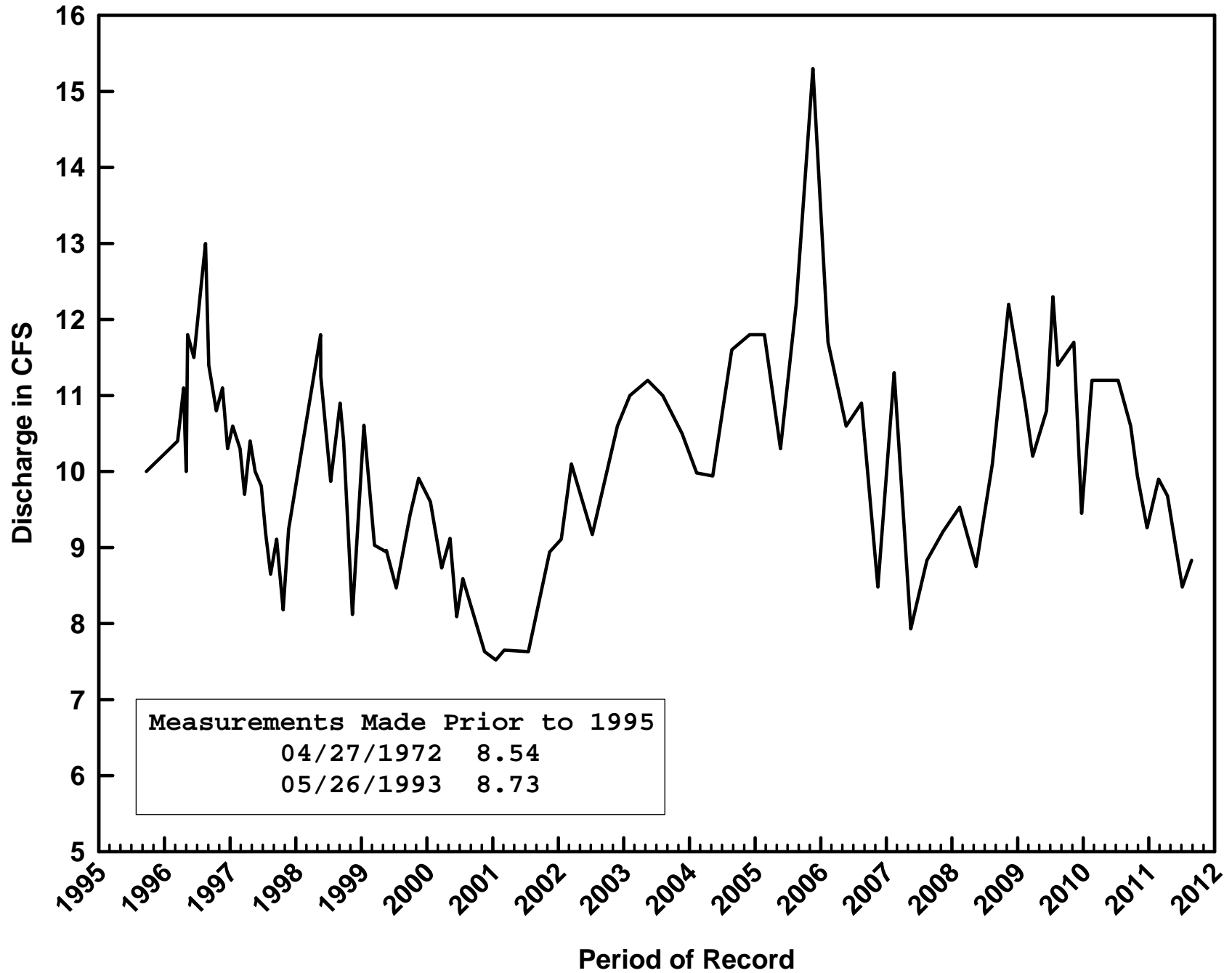
Blue Springs



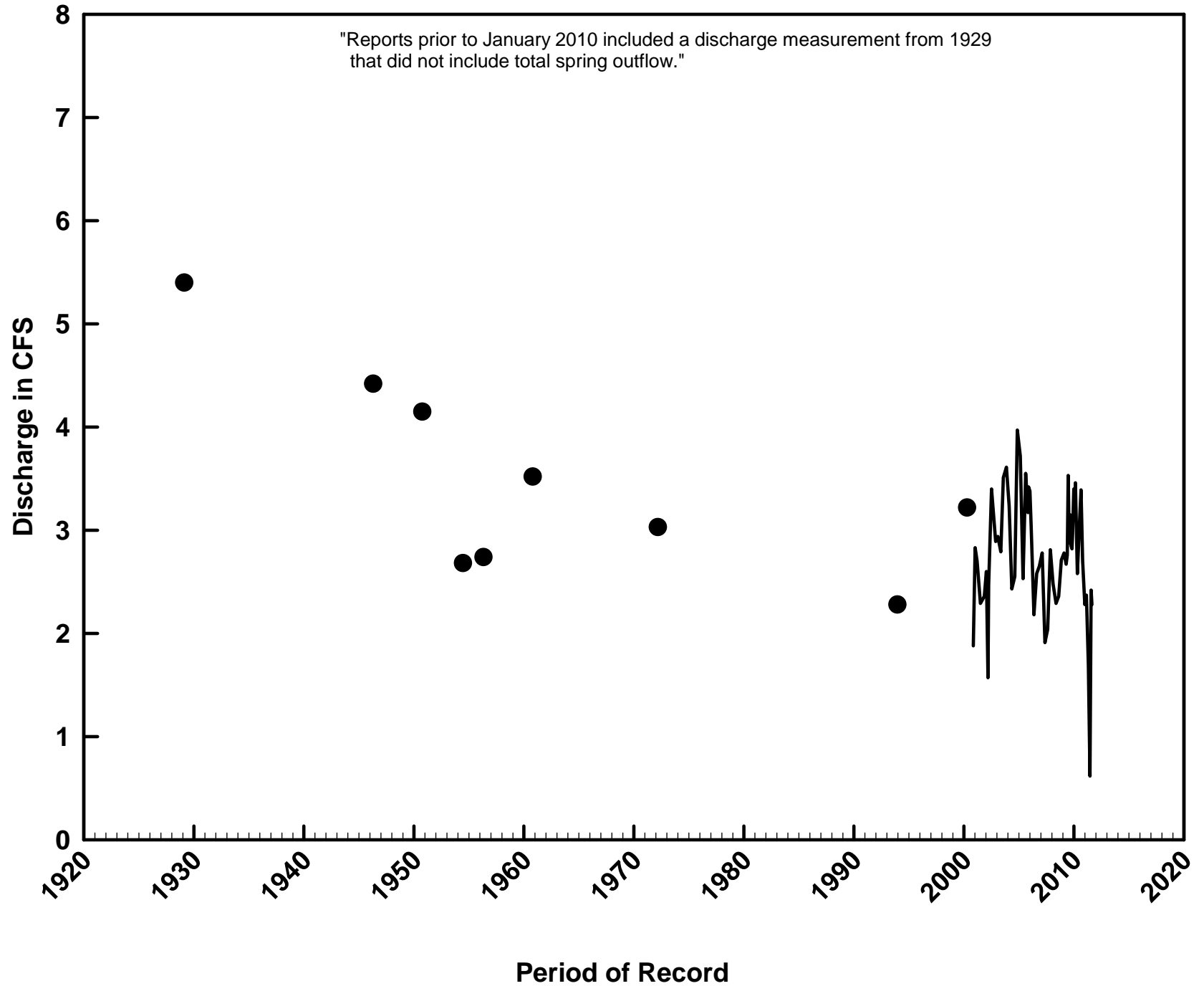
Fern Hammock Springs



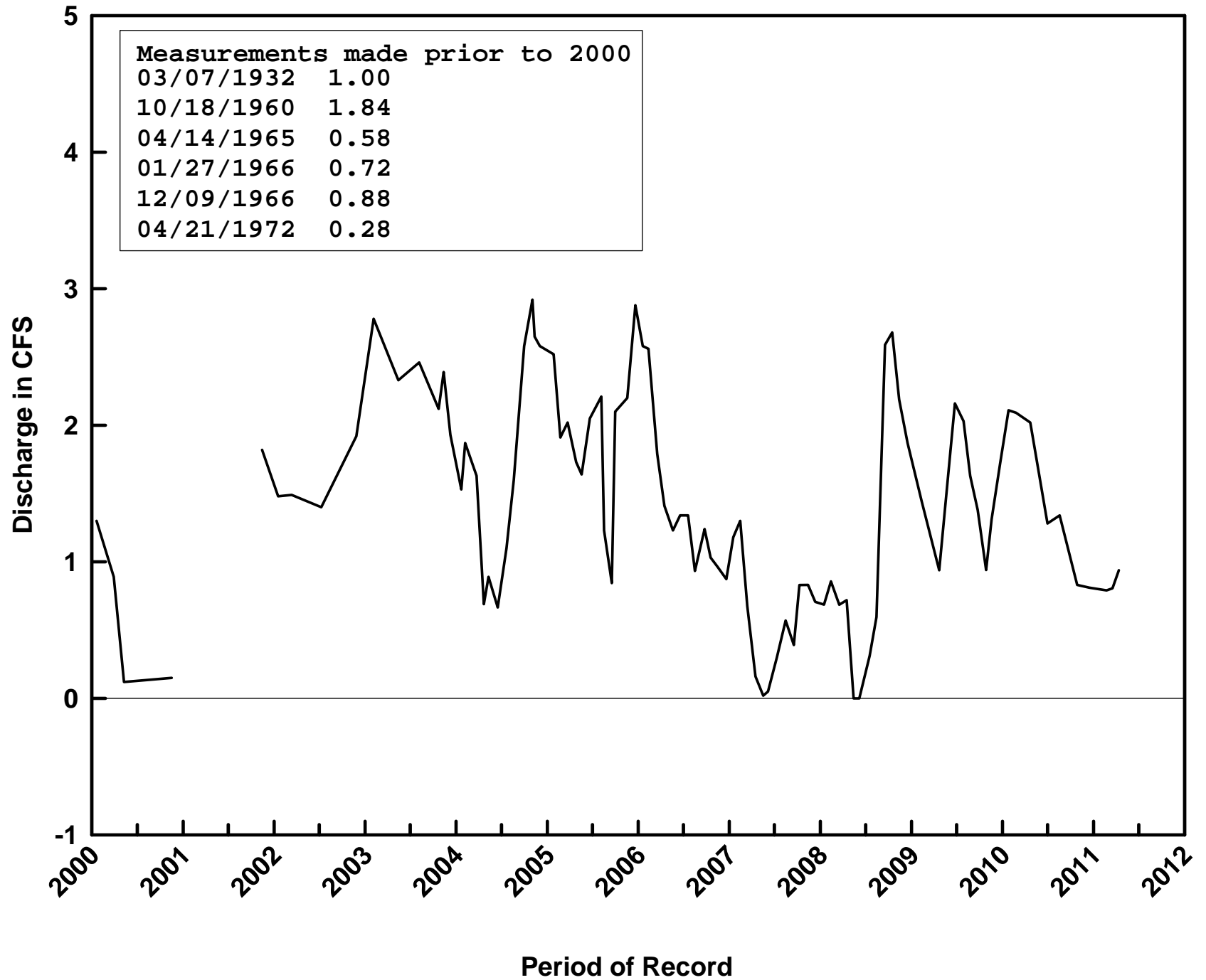
Gemini Springs



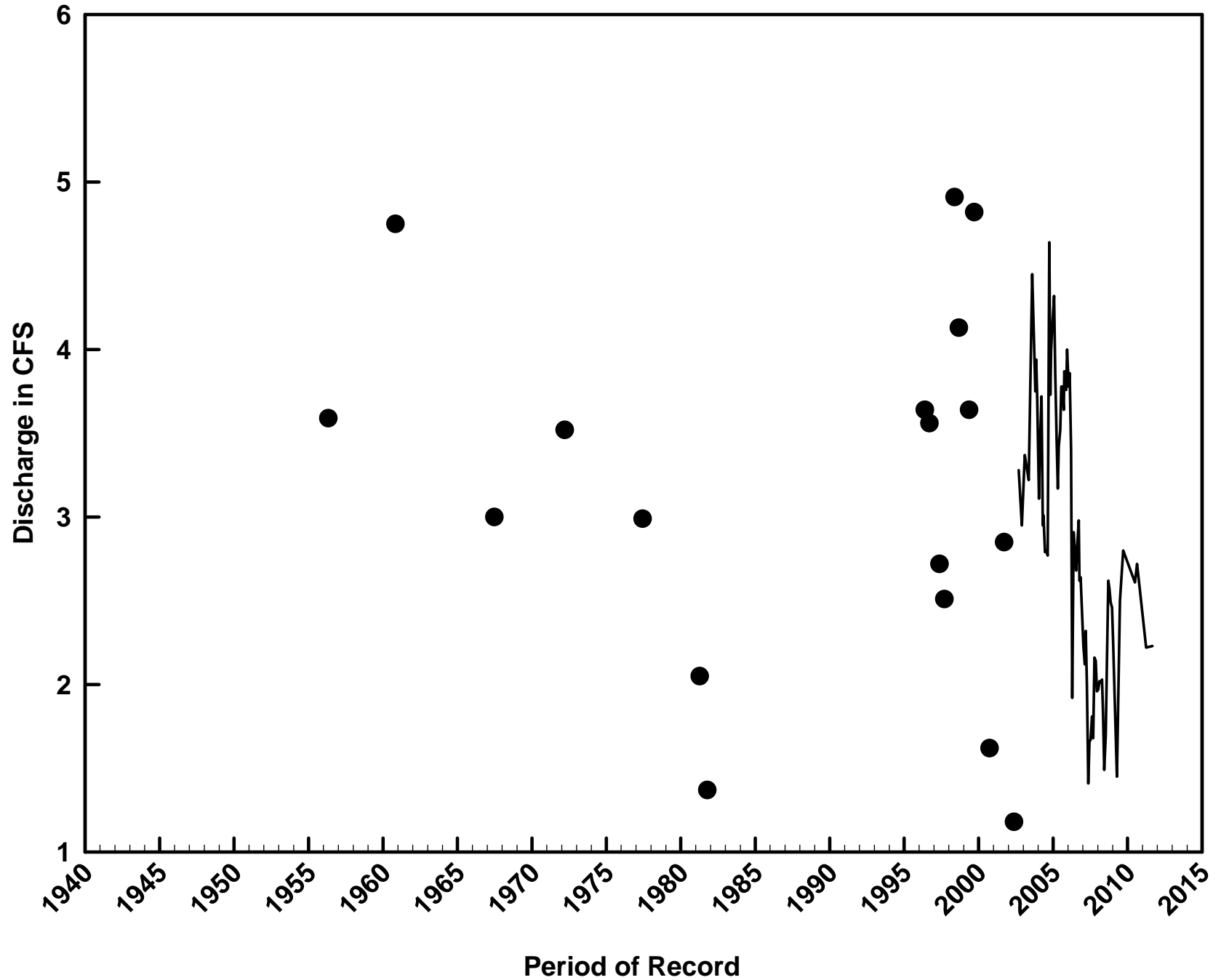
Green Cove Springs



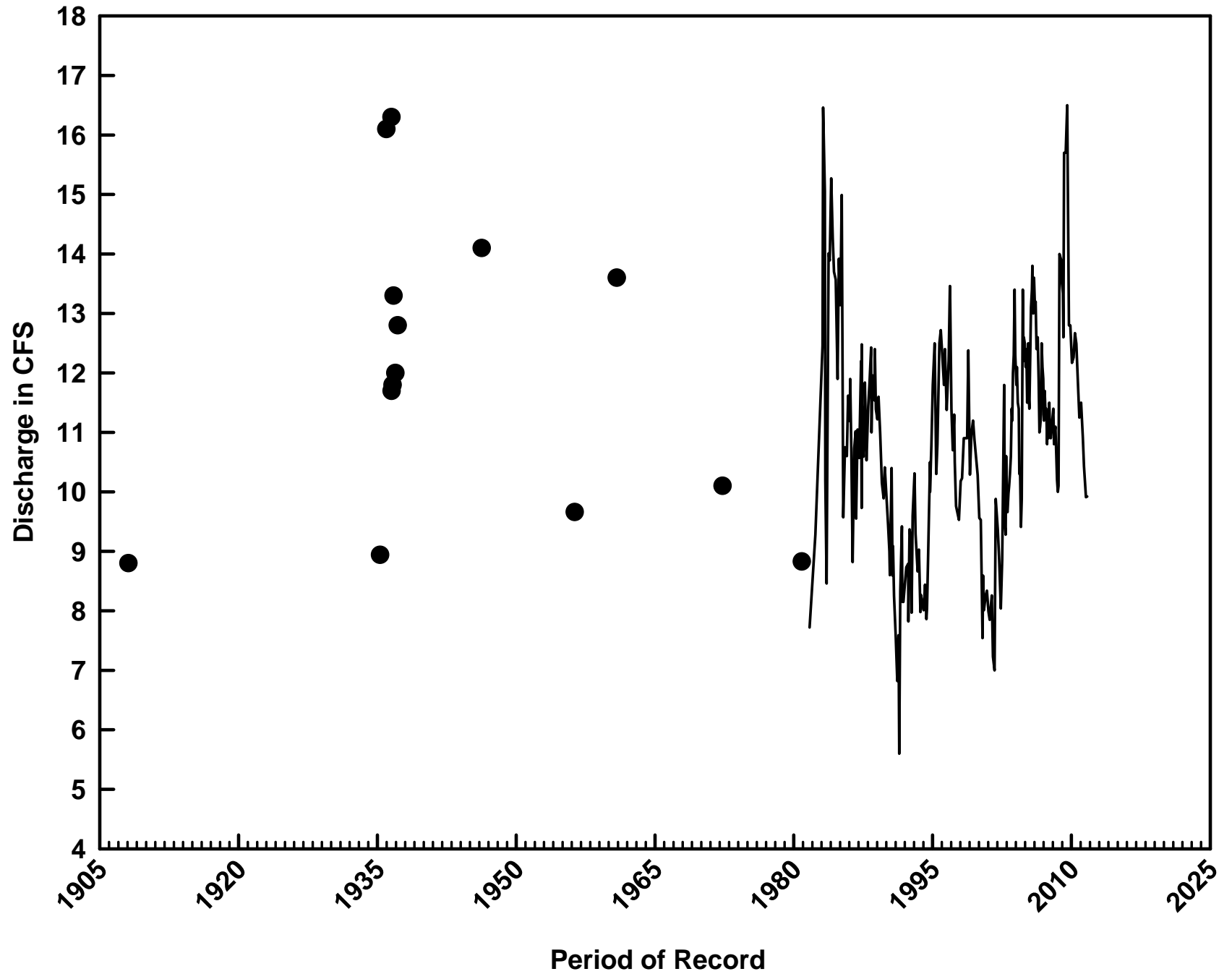
Green Springs



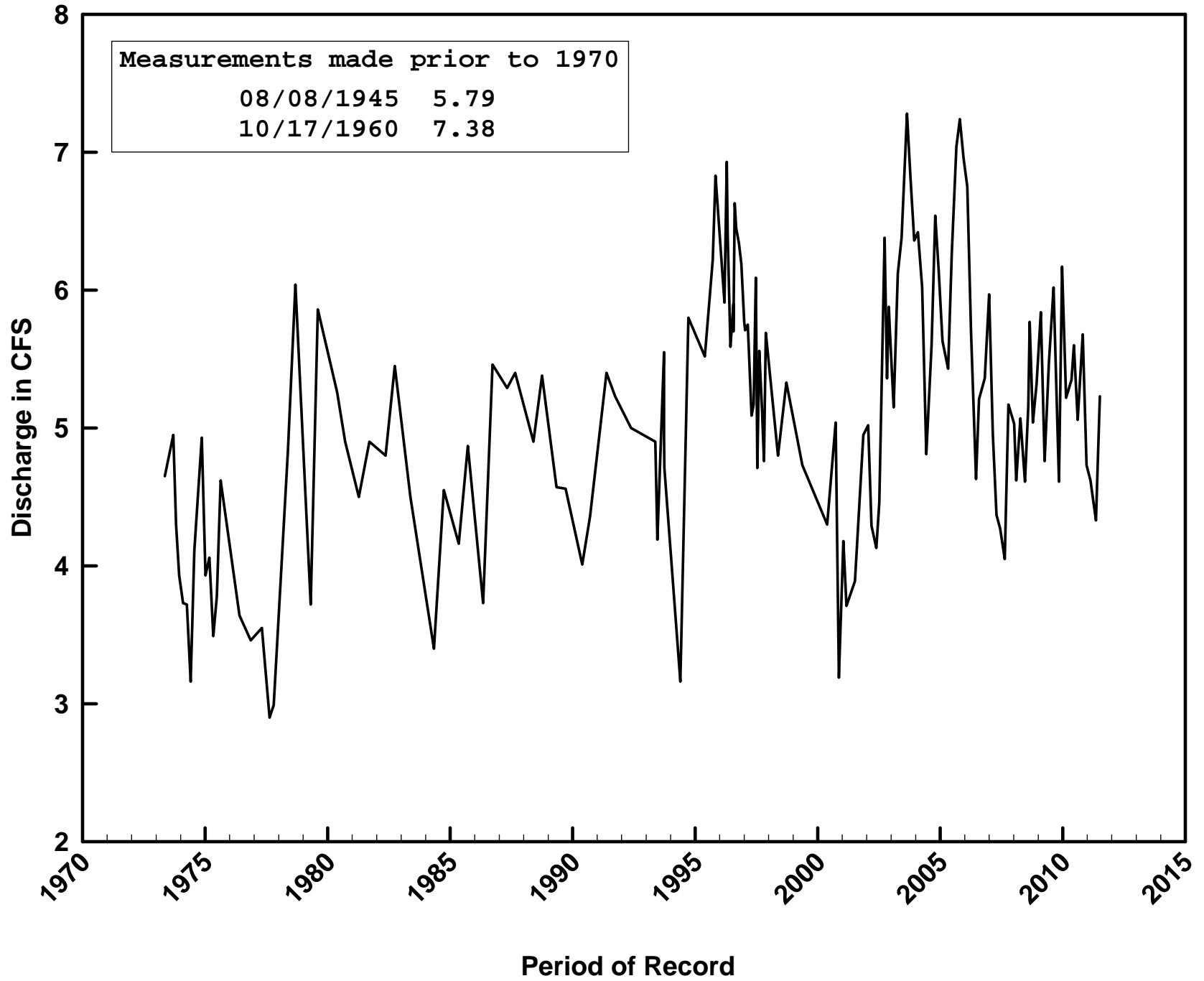
Holiday Springs



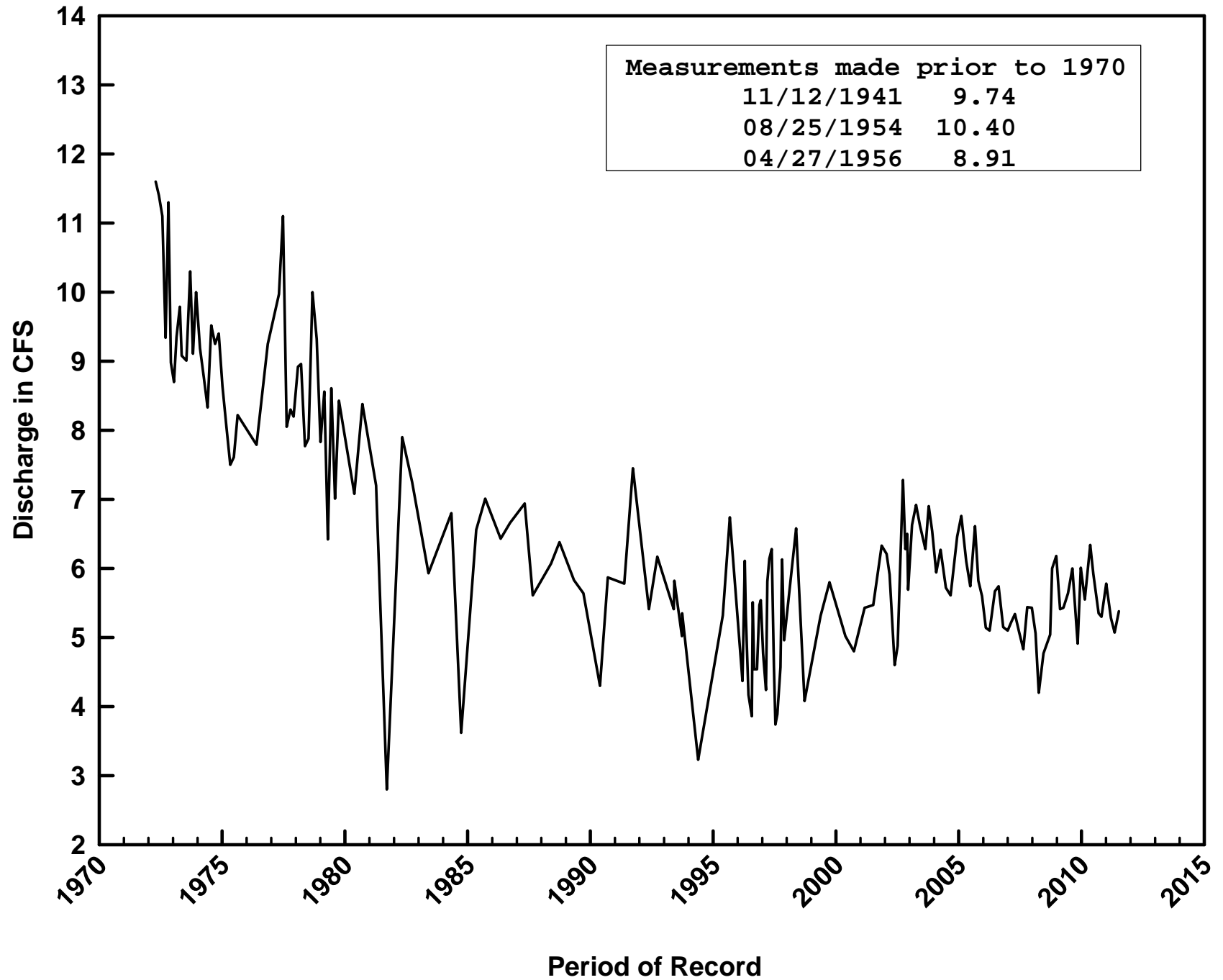
Juniper Springs



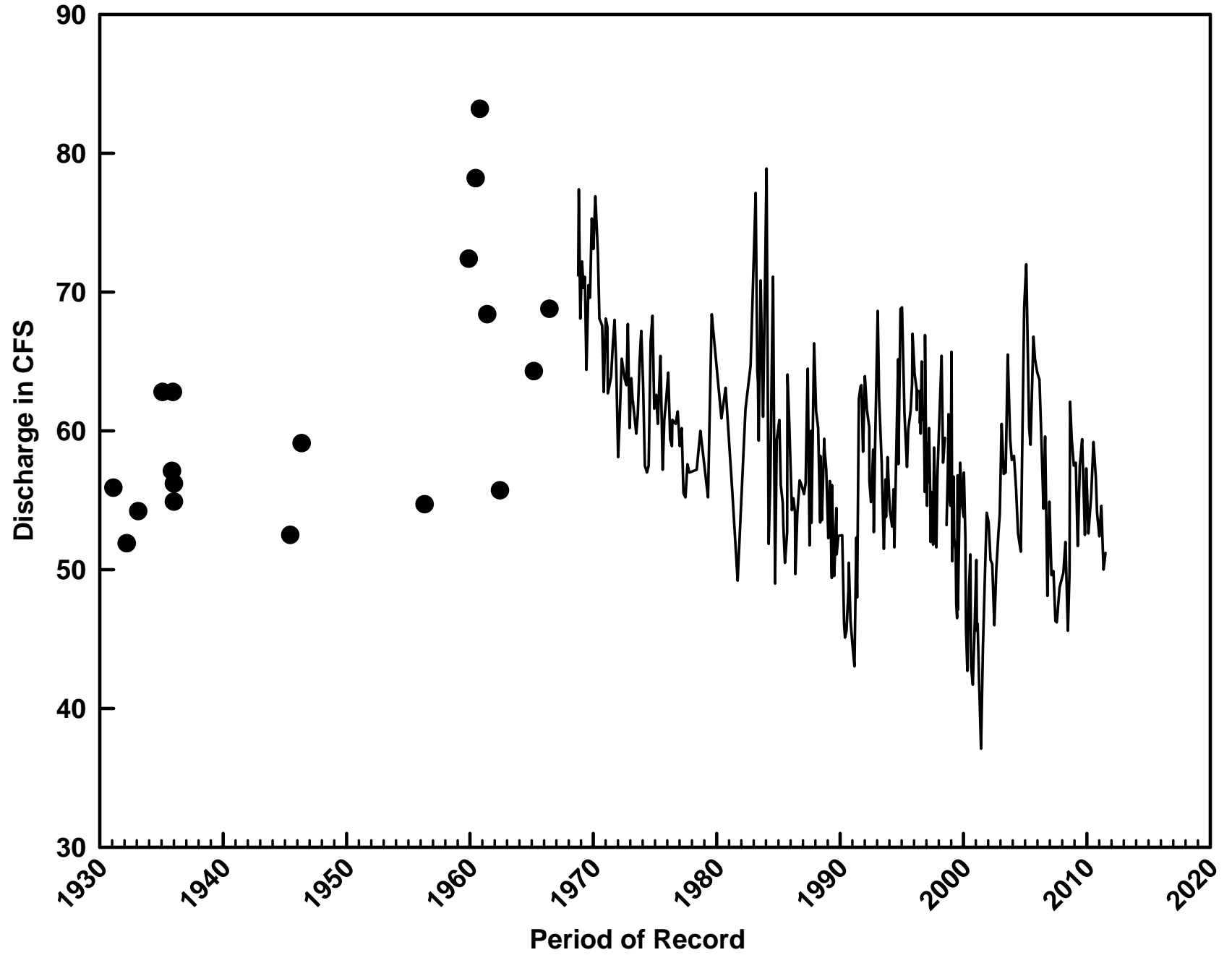
Miami Springs



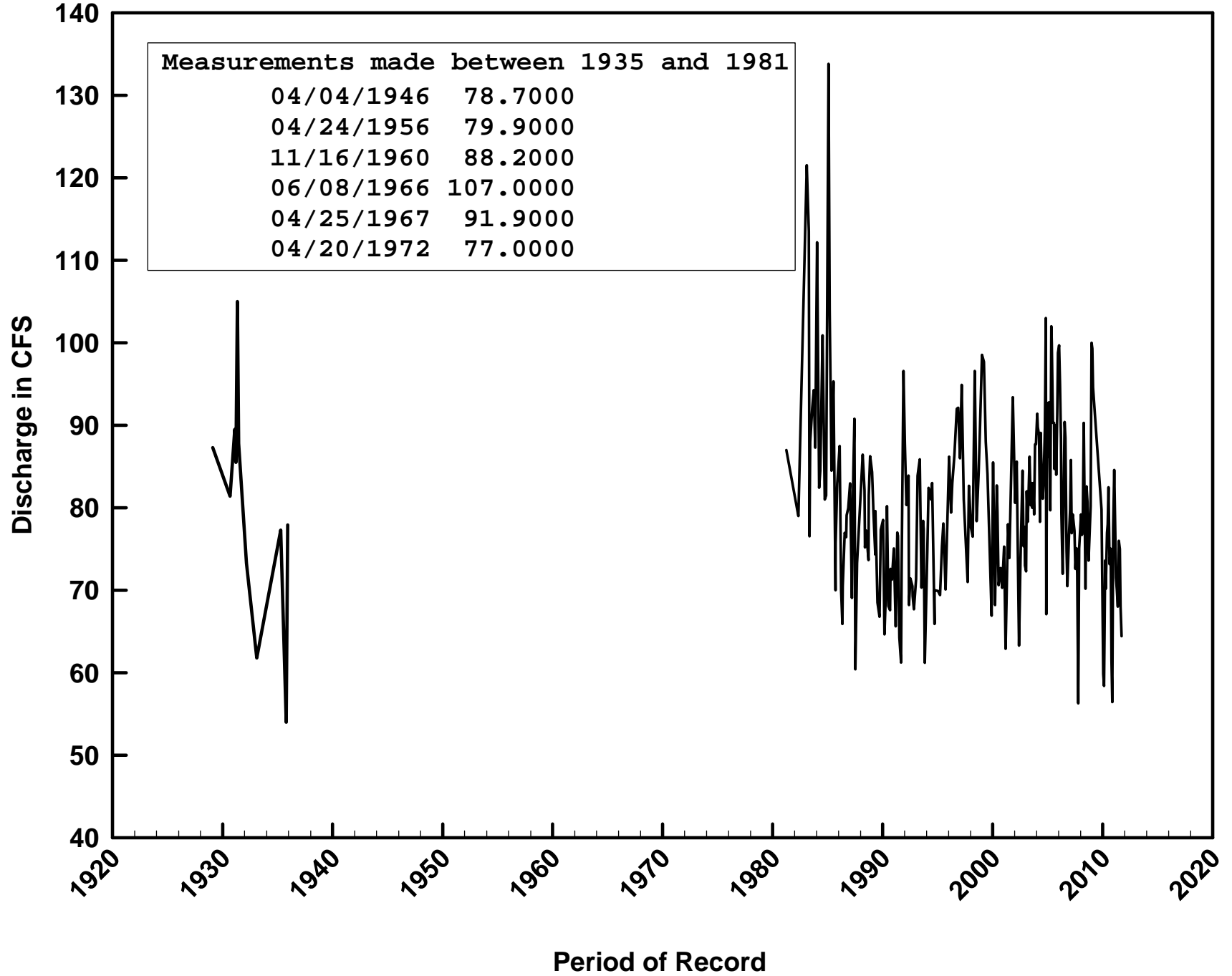
Palm Springs



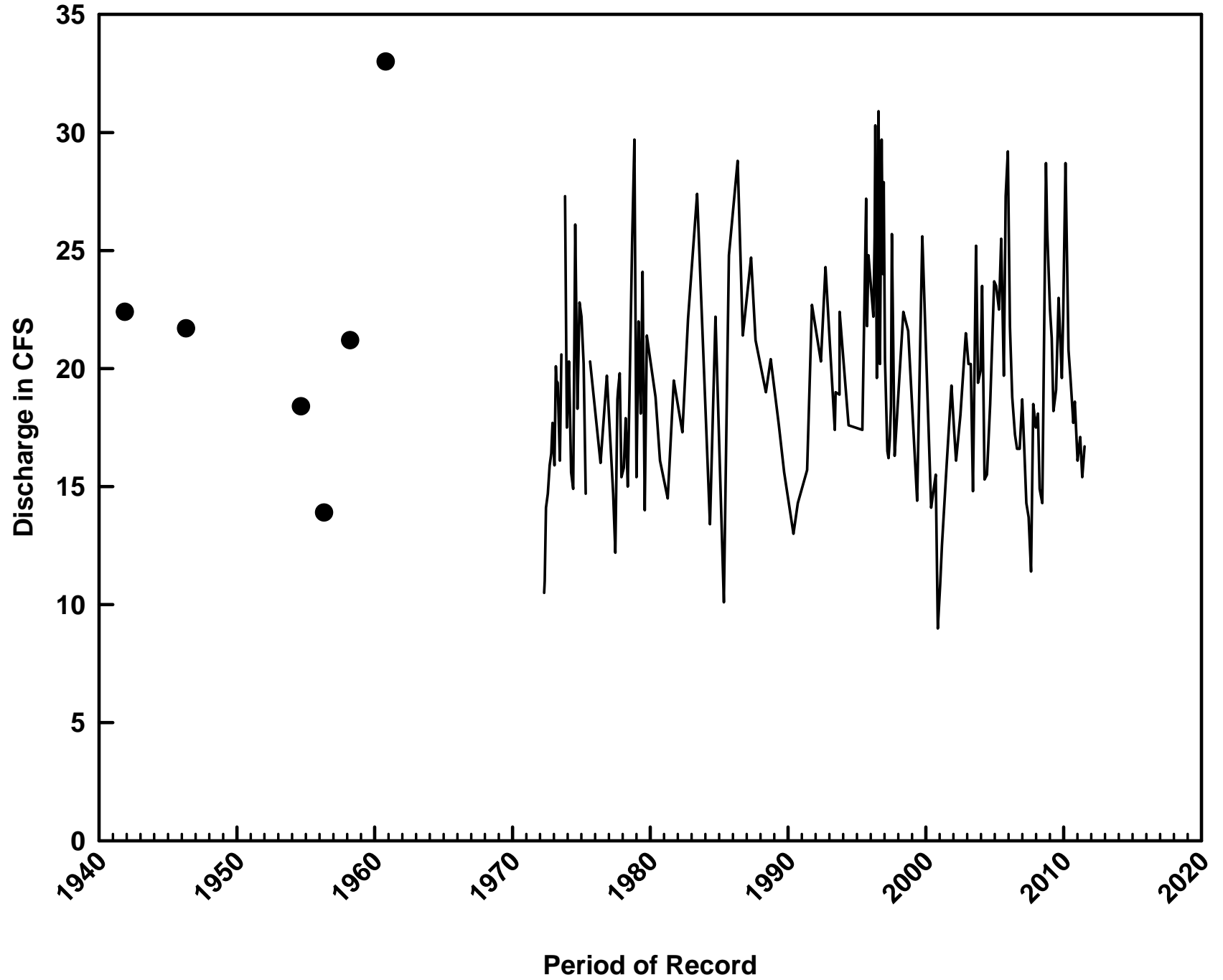
Rock Springs



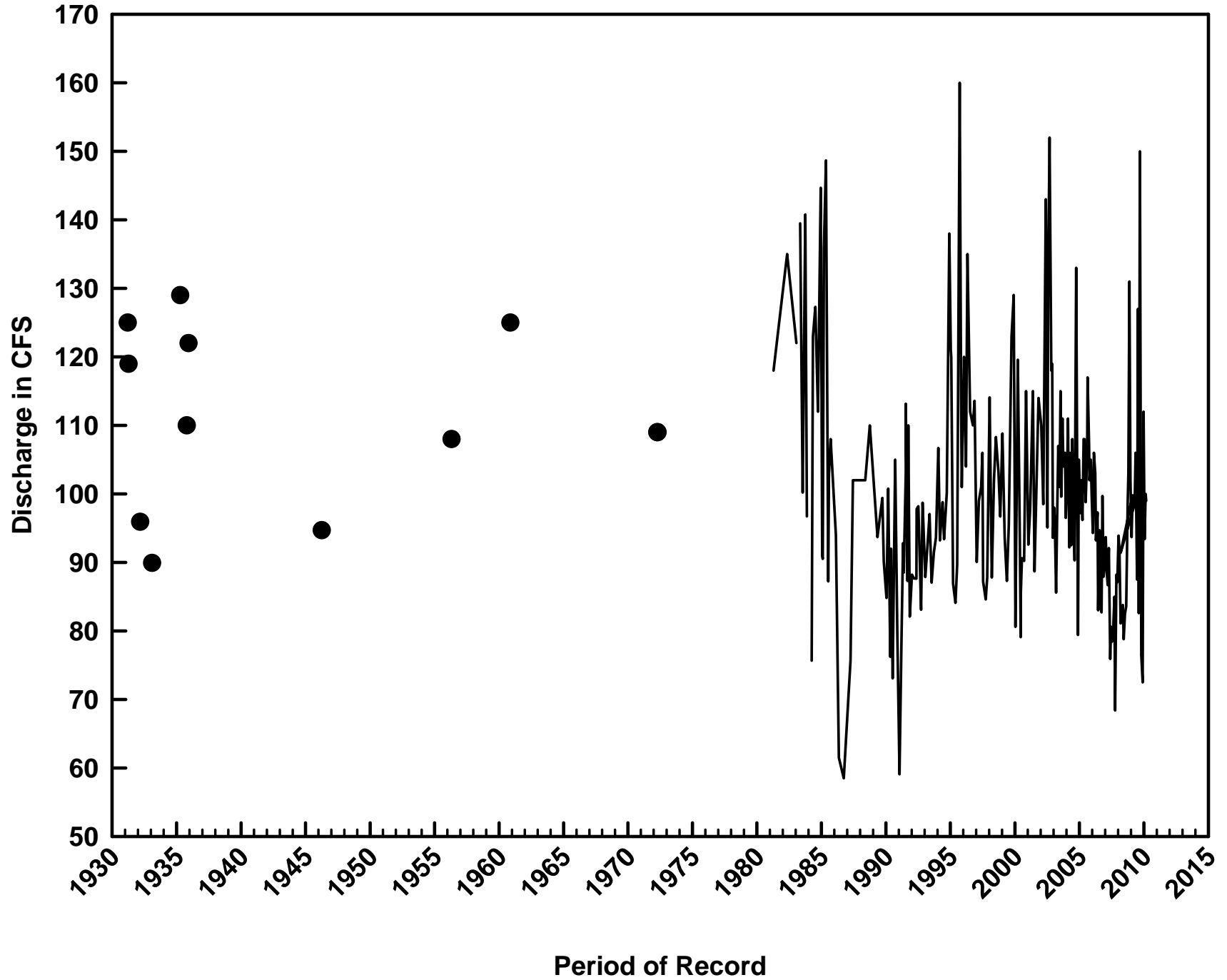
Salt Springs



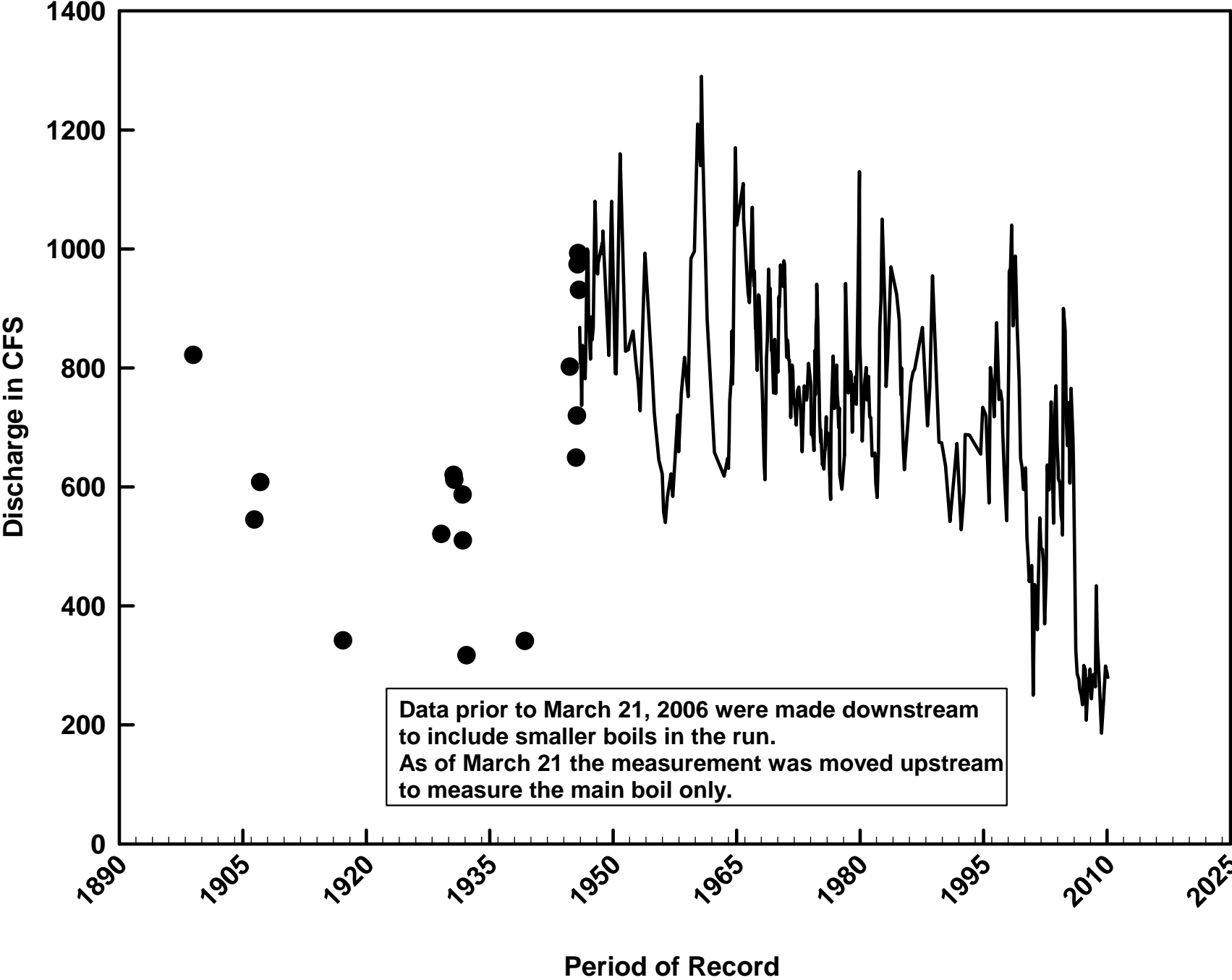
Sanlando Springs



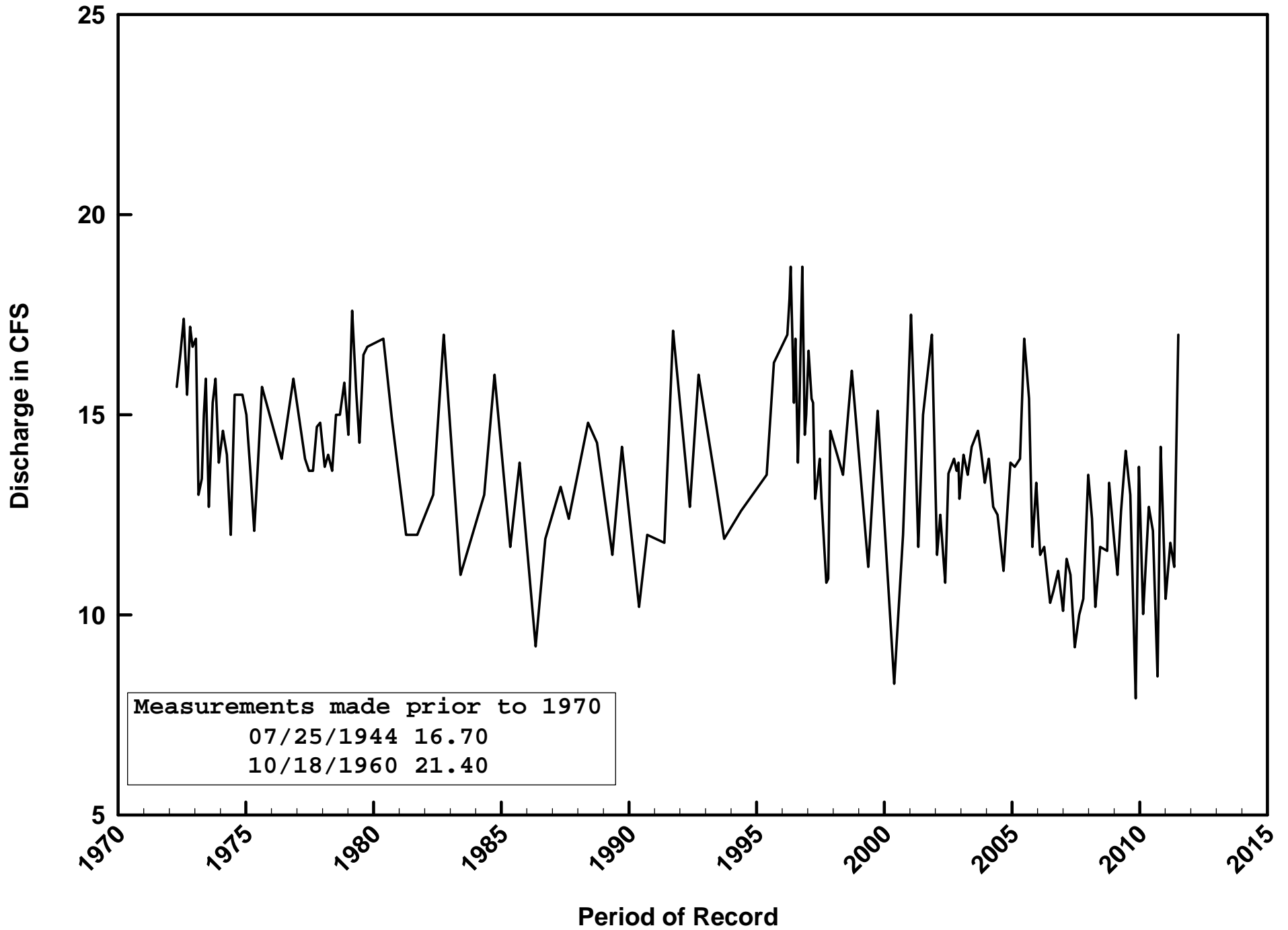
Silver Glen Springs



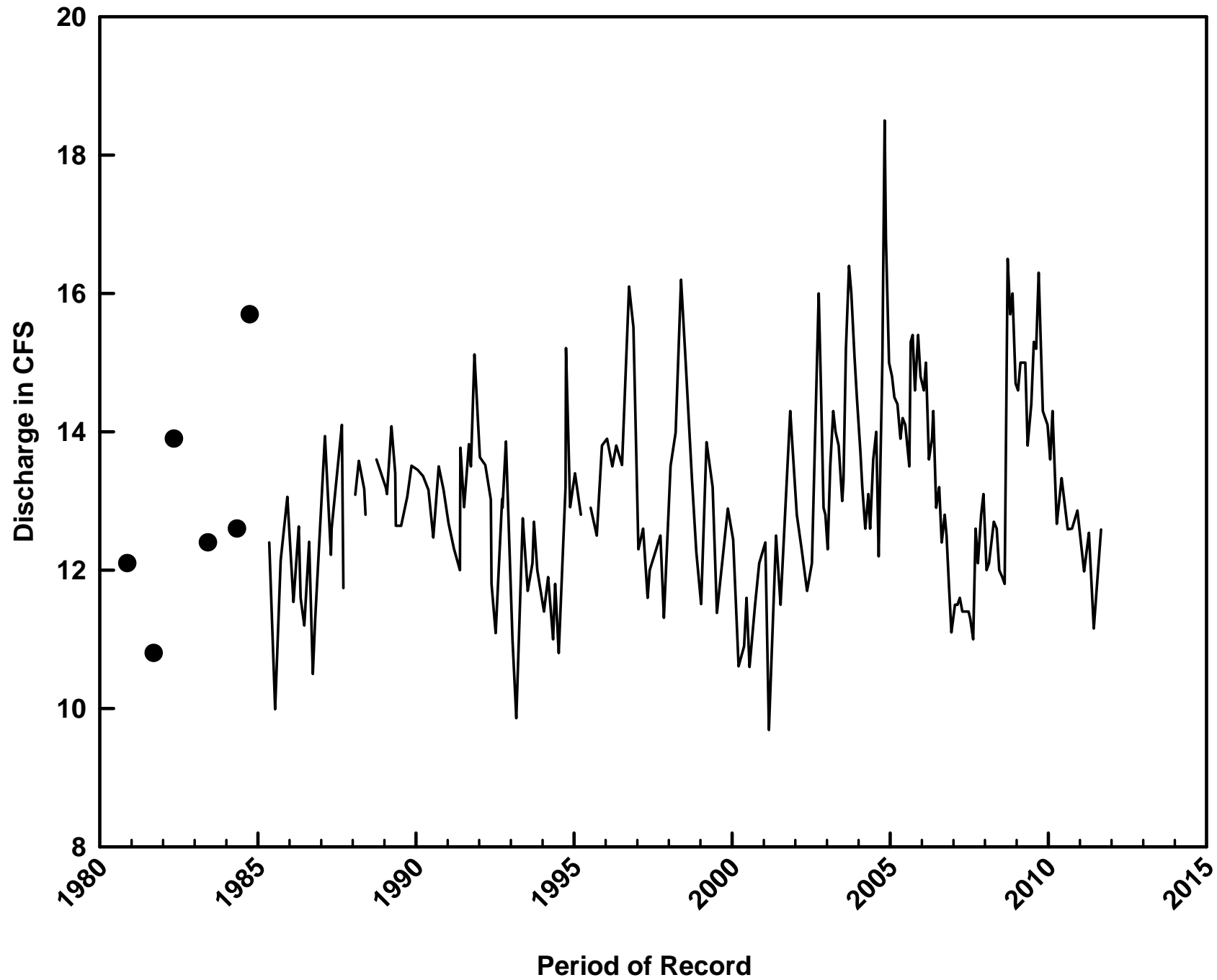
Silver Springs



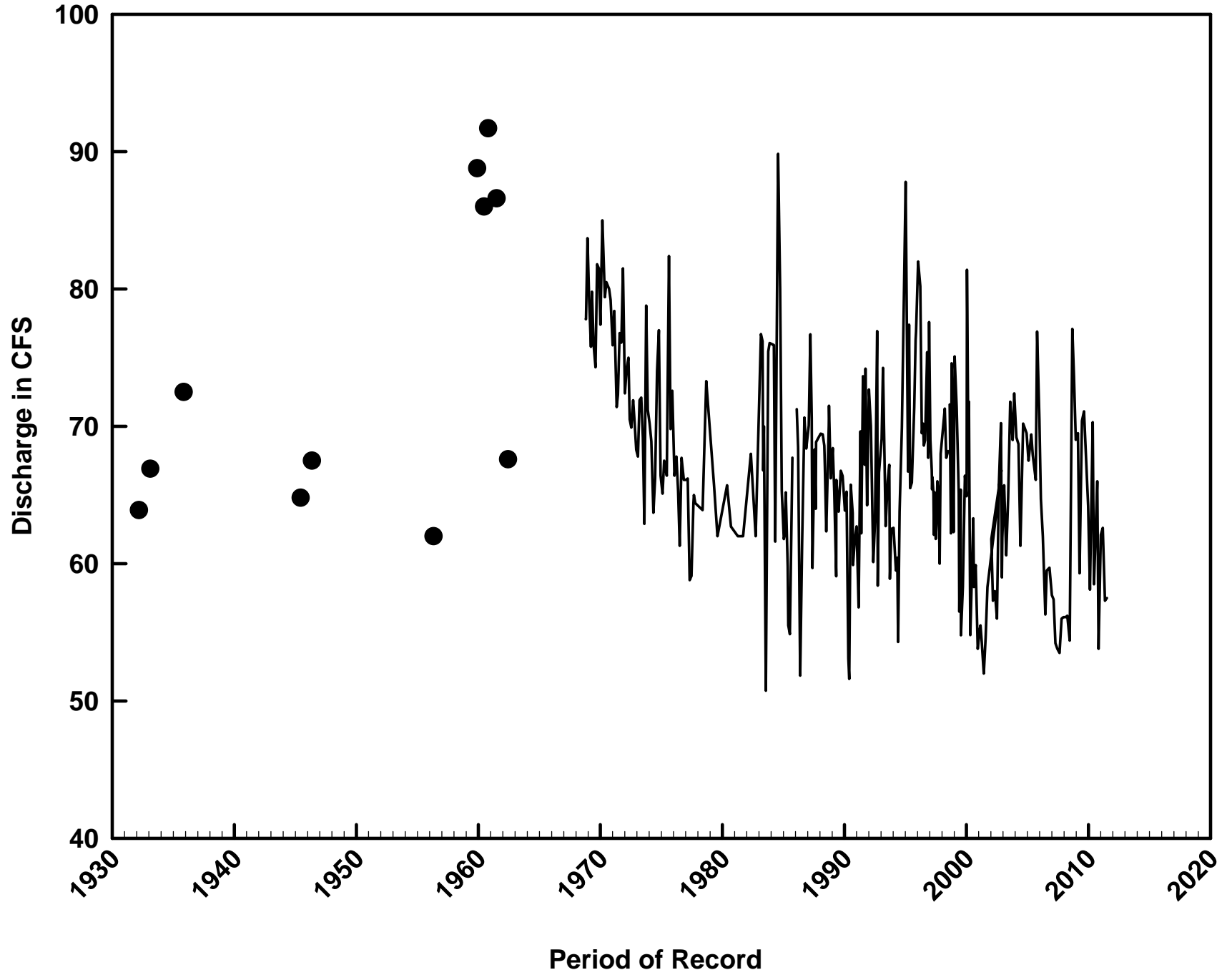
Starbuck Springs



Sweetwater Springs



Wekiva Springs



DISCHARGE MEASUREMENTS

TABLE

Springs	Date	CFS
Beecher Springs	11/23/1960	12.40
(inactive site)	04/20/1972	9.04
	01/25/1985	9.87
	09/29/1993	6.30
	06/19/1995	9.04
	09/07/1995	11.80
	05/08/1996	9.57
	09/10/1997	9.18
	05/19/1998	12.11
	09/08/1998	11.56
	05/17/1999	7.08
	09/07/1999	7.96
	05/16/2000	6.73
	09/28/2000	11.50
	05/07/2001	7.30
Blue nr Yalaha	03/03/1972	3.04
	09/25/2000	1.38
	05/14/2001	1.60
	09/17/2001	1.19
	01/25/2002	2.08
	03/15/2002	1.70
	07/08/2002	1.26
	11/27/2002	2.79
	02/05/2003	2.95
	05/14/2003	2.88
	08/07/2003	3.29
	10/23/2003	3.64
	11/12/2003	3.20
	12/08/2003	3.16
	01/22/2004	2.60
	03/23/2004	2.70
	06/16/2004	3.17
	07/21/2004	2.57
	08/19/2004	2.74
	09/30/2004	3.29
	10/26/2004	3.44

Springs	Date	CFS
	11/11/2004	2.60
	12/02/2004	3.25
	02/22/2005	1.66
	03/29/2005	3.37
	04/26/2005	2.99
	05/19/2005	2.87
	06/23/2005	3.37
	07/23/2005	3.21
	08/17/2005	3.25
	09/17/2005	3.30
	10/01/2005	2.98
	11/18/2005	3.07
	12/10/2005	3.52
	01/16/2006	2.80
	02/11/2006	3.32
	03/18/2006	2.72
	04/16/2006	2.84
	05/20/2006	2.80
	06/18/2006	2.07
	07/20/2006	1.92
	08/16/2006	1.67
	09/23/2006	1.91
	10/10/2006	1.53
	11/08/2006	2.02
	12/07/2006	2.09
	01/15/2007	2.40
	2/19/2007	1.97
	3/15/2007	1.78
	4/9/2007	1.97
	5/14/2007	1.67
	6/12/2007	1.49
	7/12/2007	1.58
	8/14/2007	1.92
	9/11/2007	1.68
	10/10/2007	2.06
	11/10/2007	2.25
	12/11/2007	2.12

Springs	Date	CFS
	1/17/2008	1.99
	2/11/2008	1.81
	3/11/2008	1.90
	4/14/2008	2.09
	5/12/2008	1.88
	6/9/2008	1.59
	7/14/2008	1.80
	8/11/2008	1.88
	9/15/2008	2.57
	10/14/2008	2.57
	11/11/2008	2.18
	1/13/2009	2.16
	2/16/2009	2.16
	3/10/2009	2.02
	4/13/2009	2.93
	5/6/2009	1.57
	6/9/2009	2.32
	7/14/2009	3.15
	8/10/2009	3.47
	9/10/2009	2.9
	10/30/2009	2.67
	11/27/2009	3.14
	12/23/2009	3.16
	1/22/2010	3.26
	2/26/2010	2.95
	3/29/2010	3.51
	4/30/2010	3.11
	5/28/2010	3.58
	6/30/2010	3.48
	7/31/2010	3.52
	8/22/2010	4.05
	9/30/2010	3.32
	3/30/2011	3.58
	8/31/2011	4.34
Camp La-No-Che nr Paisley	11/26/1954	1.10
(inactive site)	03/29/1972	0.66

Springs	Date	CFS
Double Run Swamp nr Astatula	05/15/2001	0.73
	09/17/2001	4.60
	05/17/2002	1.00
	09/12/2002	2.04
	11/27/2002	2.00
	02/05/2003	2.54
	05/14/2003	2.26
	08/04/2003	3.03
	11/12/2003	2.41
	05/11/2004	2.17
	11/11/2004	3.18
	05/19/2005	2.55
	11/18/2005	2.93
	05/23/2006	2.44
	02/19/2007	1.76
	5/14/2007	1.12
	11/10/2007	1.39
	5/12/2008	1.09
	11/11/2008	1.48
	5/6/2009	0.843
	8/10/2009	1.98
	11/27/2009	2.17
	12/23/2009	3.16
	01/22/2010	3.26
	5/28/2010	1.98
	3/30/2011	2.14
	8/31/2011	1.7
Forest Springs	06/08/1972	0.30
(inactive site)	06/20/1995	0.19
	09/06/1995	0.22
	05/08/1996	0.28
	09/10/1996	0.26
	05/13/1997	0.45
	09/09/1997	0.32
	05/19/1998	0.45

Springs	Date	CFS
	09/01/1998	0.39
	05/17/2000	0.23
	09/27/2000	0.91
	05/08/2001	0.19
Glen nr Gainesville	12/10/1941	0.32
(inactive site)	04/16/1946	0.33
	04/24/1956	0.36
	10/17/1960	0.42
	04/17/1972	0.30
Magnesia nr Hawthorne	12/10/1941	1.82
(inactive site)	04/16/1946	0.65
	04/23/1956	0.02
	10/17/1960	1.03
Mud Springs	06/08/1972	2.26
(inactive site)	06/08/1972	2.30
	06/20/1975	0.51
	09/07/1995	0.60
	05/08/1996	0.65
	09/10/1996	0.66
	05/13/1997	3.16
	09/09/1997	0.58
	05/19/1998	0.56
	09/01/1998	2.83
	05/17/2000	1.29
	09/27/2000	0.84
	05/08/2001	0.90
Orange nr Orange Springs	09/11/1972	7.59
	05/18/1999	2.02
	05/08/2000	3.21
	04/10/2001	2.29
	07/12/2001	2.35

Springs	Date	CFS
	10/31/2001	2.30
	01/17/2002	1.99
	03/13/2002	2.14
	08/02/2002	1.54
	11/21/2002	2.28
	02/04/2003	2.46
	05/13/2003	2.46
	08/05/2003	2.15
	11/12/2003	2.71
	02/12/2004	2.07
	05/12/2004	2.98
	08/19/2004	2.90
	11/19/2004	1.18
	02/23/2005	3.34
	05/24/2005	4.20
	08/18/2005	4.70
	11/02/2005	3.53
	01/04/2006	3.30
	02/14/2006	3.81
	05/16/2006	3.01
	08/15/2006	2.67
	11/13/2006	3.08
	02/15/2007	2.79
	5/15/2007	2.68
	8/16/2007	3.1
	11/9/2007	3.14
	2/7/2008	2.58
	8/18/2008	3.06
	11/10/2008	3.38
	2/10/089	3.29
	5//7/09	3.14
	8/11/2009	3.42
	10/12/2009	3.26
	11/27/2009	2.97
	2/10/2010	2.96
	4/27/2010	3.16
	6/24/2010	4.01

Springs	Date	CFS
	7/28/2010	4.01
	10/18/2010	3.1
	12/16/2010	3.68
	2/17/2011	3.223
	4/13/2011	2.831
	6/14/2011	3.081
	8/10/2011	3.034
Satsuma Springs	03/08/1972	1.11
(inactive site)	05/19/1993	0.83
	09/22/1993	0.98
	06/20/1995	1.10
	05/07/1996	1.11
	09/11/1996	1.16
	05/13/1997	1.00
	09/10/1997	1.32
	05/19/1998	1.18
	09/08/1998	1.45
	05/17/1999	1.16
	09/08/1999	1.01
	05/16/2000	0.76
	09/28/2000	1.54
	05/08/2001	0.88
Wadesboro nr Orange Park	04/18/1946	1.40
	04/20/1956	0.71
	10/18/1960	1.41
	01/15/1993	0.94
	05/15/2002	0.89
	11/20/2002	0.99
	02/04/2003	0.96
	05/21/2003	0.96
	08/04/2003	1.04
	11/12/2003	2.71
	02/12/2004	1.16
	05/12/2004	0.93
	08/17/2004	1.03

Springs	Date	CFS
	11/09/2004	0.97
	02/16/2005	0.95
	05/20/2005	0.94
	08/15/2005	1.06
	11/17/2005	1.07
	01/03/2006	1.15
	02/13/2006	1.15
	05/15/2006	0.91
	08/14/2006	0.83
	11/09/2006	0.87
	02/15/2007	0.86
	5/15/2007	0.739
	08/16/2007	0.78
	11/09/2007	0.93
	02/07/2008	0.89
	05/19/2008	0.79
	08/12/2008	0.85
	11/10/2008	0.89
	02/10/2009	0.90
	05/29/2009	1.17
	06/29/2009	1.05
	07/31/2009	1.29
	08/28/2009	1.51
	09/29/2009	1.00
	10/29/2009	0.95
	11/20/2009	0.98
	12/29/2009	1.01
	12/29/2009	1.01
	1/28/2010	0.951
	02/23/2010	1.11
	3/30/2010	0.957
	4/26/2010	0.87
	5/18/2010	0.972
	6/30/2010	0.903
	7/28/2010	0.97
	8/26/2010	1.03
	10/1/2010	1.06

Springs	Date	CFS
	10/19/2010	0.919
	11/19/2010	0.924
	12/29/2010	0.87
	2/22/2011	1.03
	4/27/2011	0.18
	6/22/2011	0.542
	8/25/2011	0.913