

Appendix A

**JOSHUA AND PAYNE CREEK DRAINAGE BASINS ACCURACY ASSESSMENT,
ASSOCIATED PROCESSED SATELLITE IMAGES**

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ASSOCIATED PROCESSED SATELLITE IMAGES**

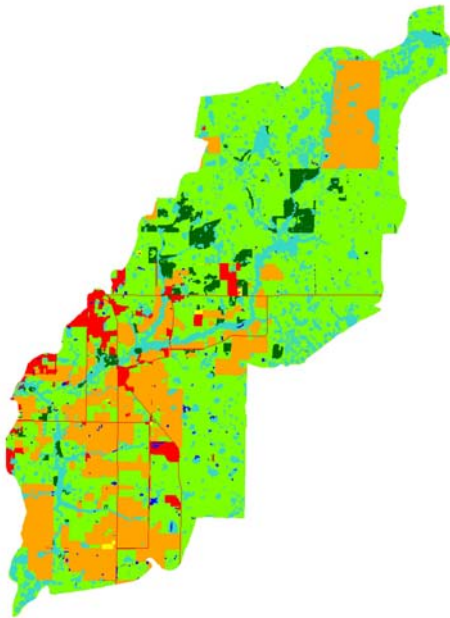
Table A-1. Accuracy Assessment for Joshua Creek Drainage Basin.

CLASSIFICATION ACCURACY ASSESSMENT REPORT					
ACCURACY TOTALS					
Class Name	Reference Totals	Classified Totals	Number Correct	Producers Accuracy	Users Accuracy
NI Veg	18	17	13	72.22%	76.47%
Citrus	15	17	15	100.00%	88.24%
Wetland	8	4	4	50.00%	100.00%
Urban	5	4	3	60.00%	75.00%
Timber	1	3	1	100.00%	33.33%
Water	0	2	0	---	---
Crop	3	3	2	66.67%	66.67%
Totals	50	50	38		
Overall Classification Accuracy = 76.00%					

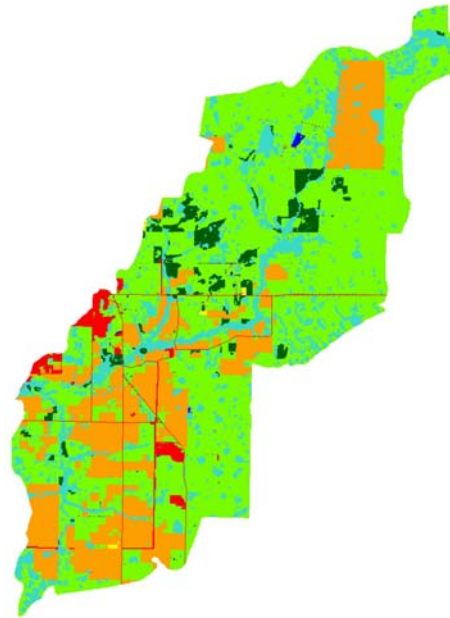
Table A-2. Accuracy Assessment for Payne Creek Drainage Basin.

CLASSIFICATION ACCURACY ASSESSMENT REPORT					
ACCURACY TOTALS					
Class Name	Reference Totals	Classified Totals	Number Correct	Producers Accuracy	Users Accuracy
NI Veg	9	9	7	77.78%	77.78%
Citrus	3	4	3	100.00%	75.00%
Wetland	8	4	4	50.00%	100.00%
Urban	1	1	1	100.00%	100.00%
Timber	1	1	0	0.00%	0.00%
Water	0	0	0	---	---
CSA	3	3	3	100.00%	100.00%
Sand Tailings	1	3	1	100.00%	33.33%
Disturbed Land	10	11	9	90.00%	81.82%
Totals	36	36	28		
Overall Classification Accuracy = 77.78%					

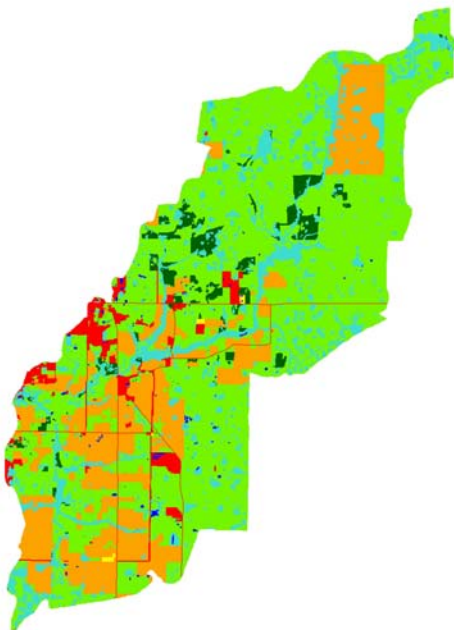
JOSHUA CREEK PROCESSED IMAGES



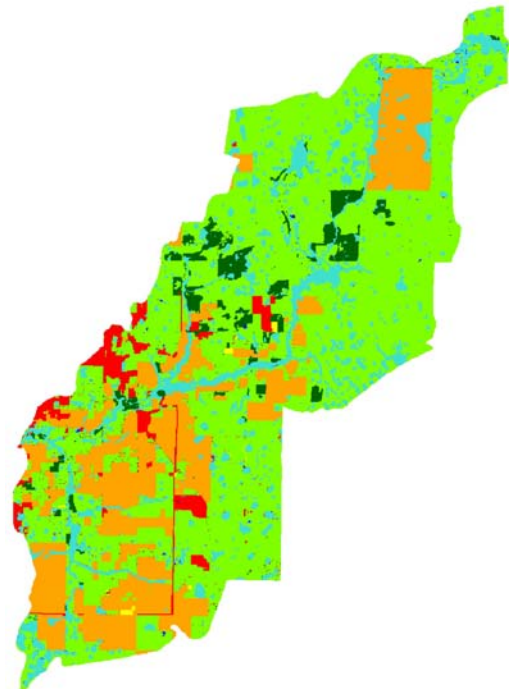
summer 1985



winter 1985

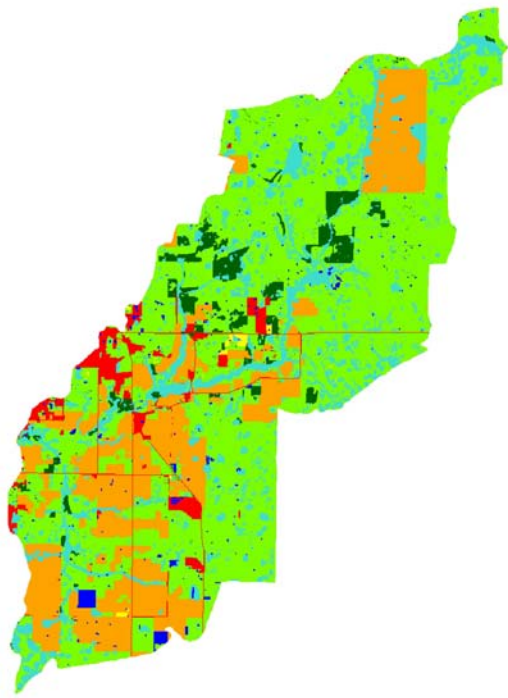


summer 1986

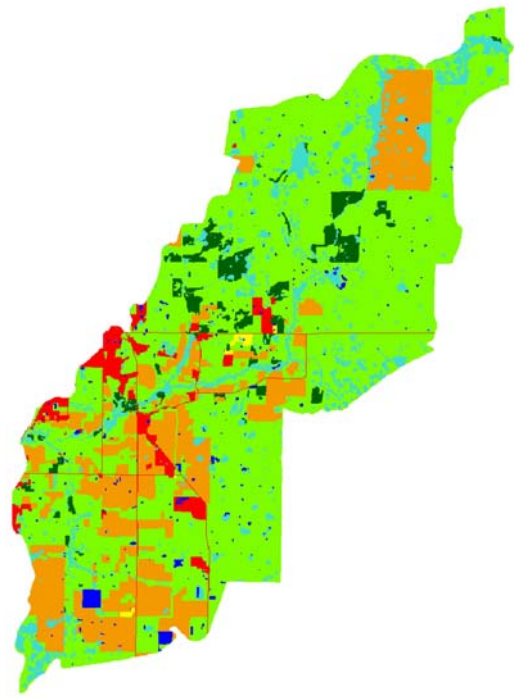


winter 1986

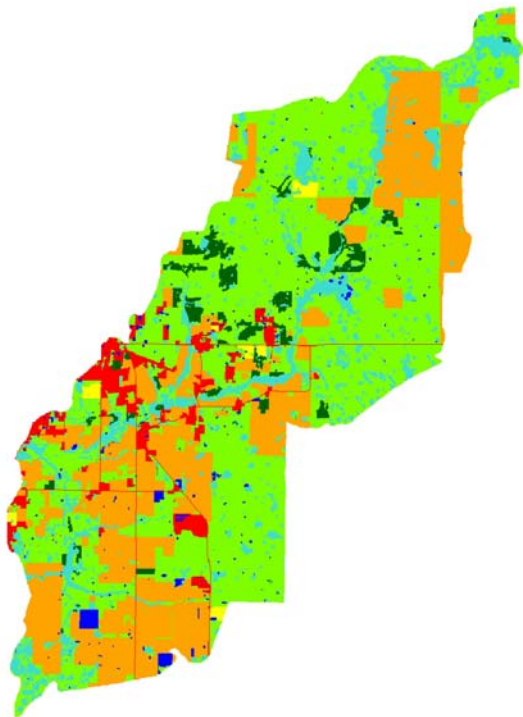
Figure A-1. Joshua Creek Processed Images (1985 and 1986).



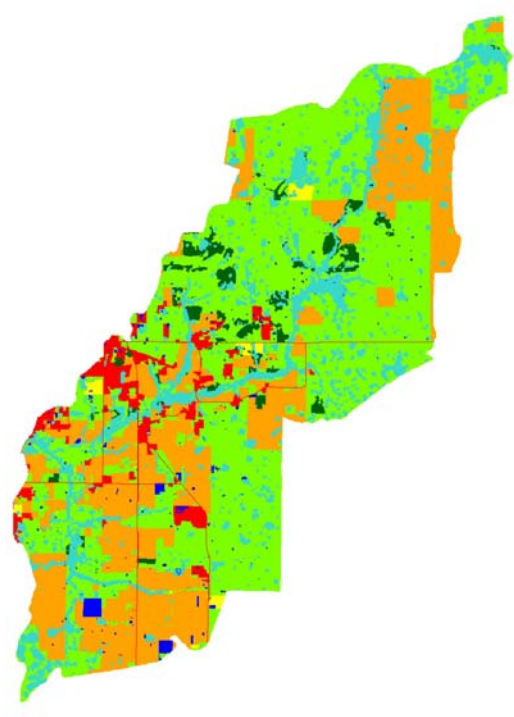
summer 1988



winter 1988

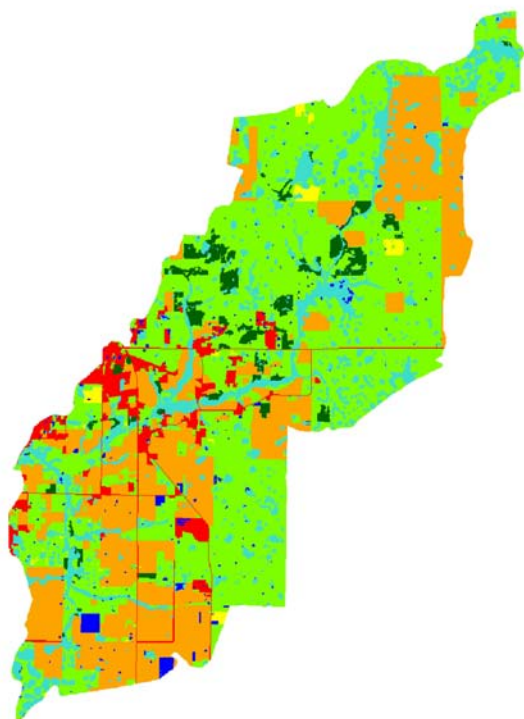


summer 1991

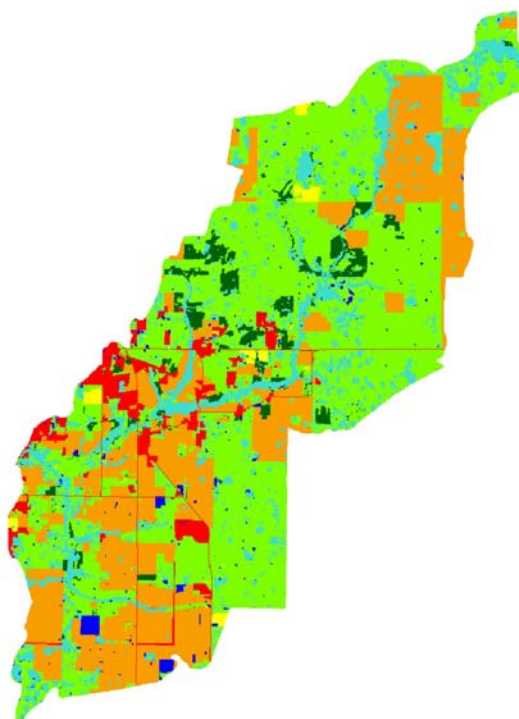


winter 1991

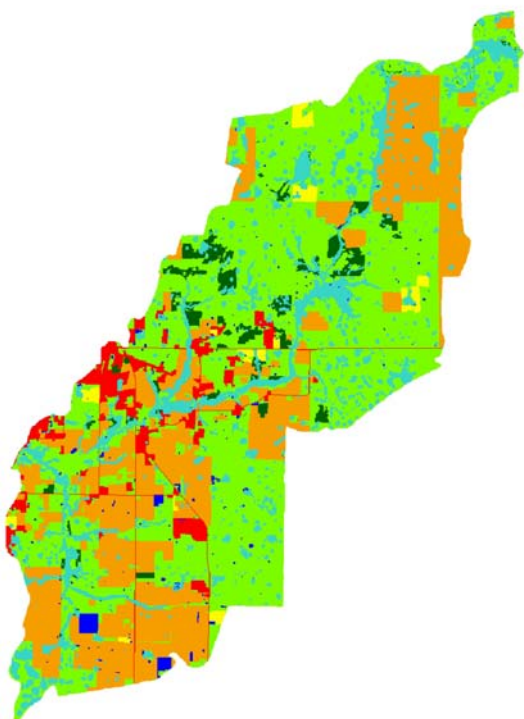
Figure A-2. Joshua Creek Processed Images (1988 and 1991).



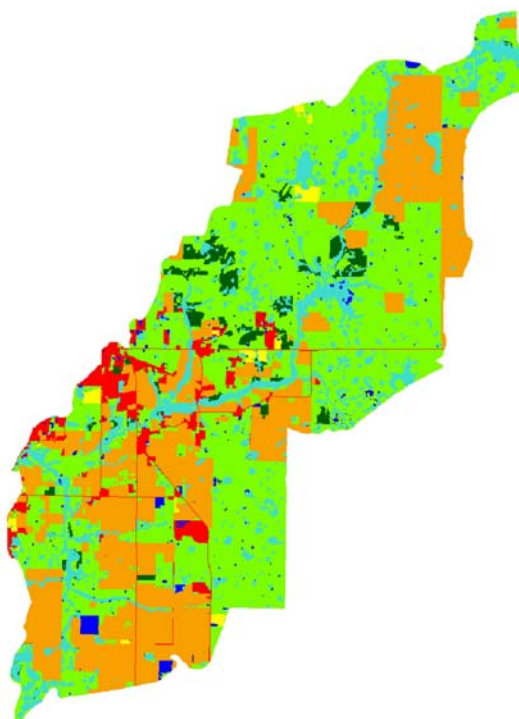
summer 1992



winter 1992



summer 1993



winter 1993

Figure A-3. Joshua Creek Processed Images (1992 and 1993).

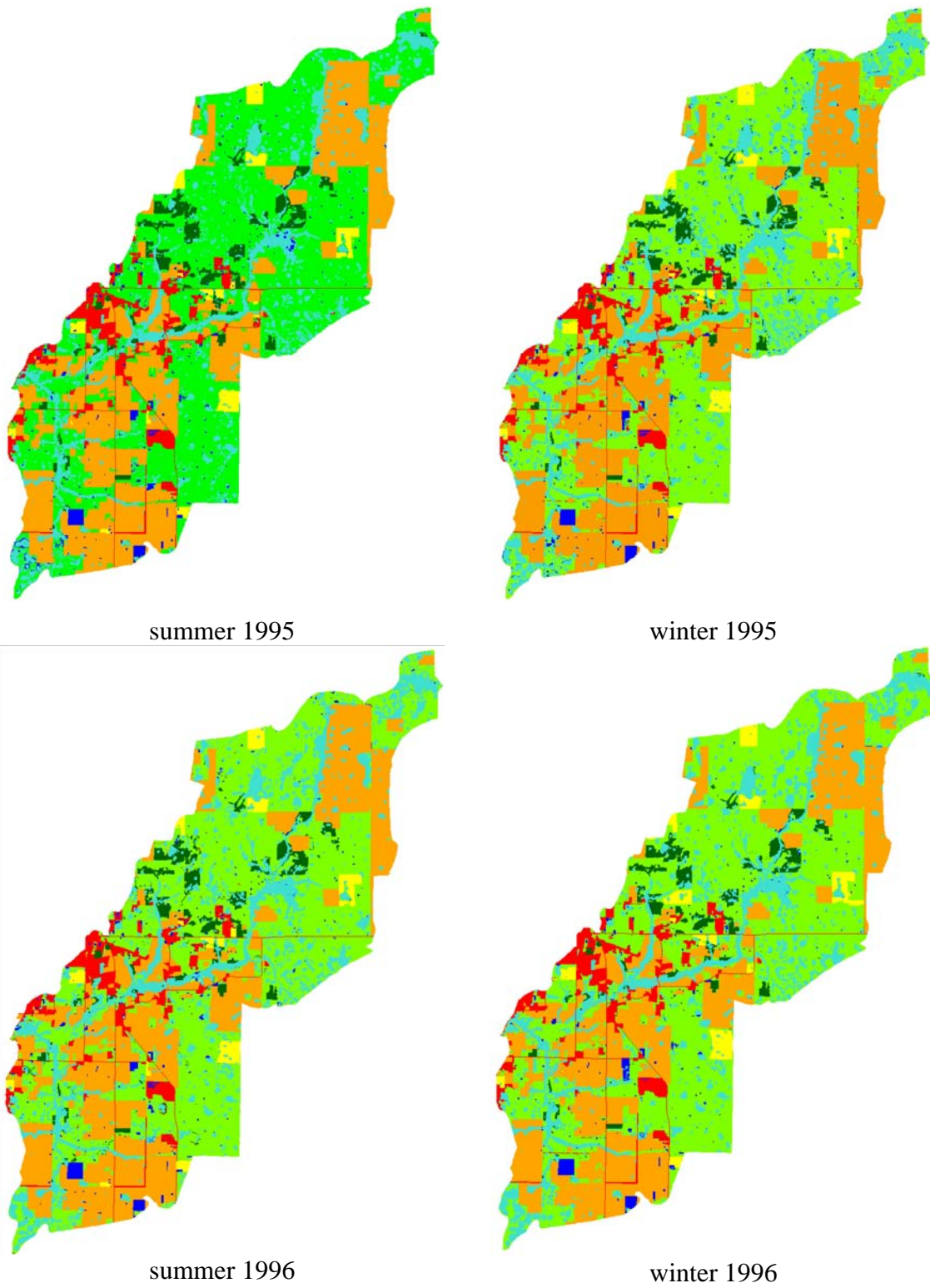


Figure A-4. Joshua Creek Processed Images (1995 and 1996).

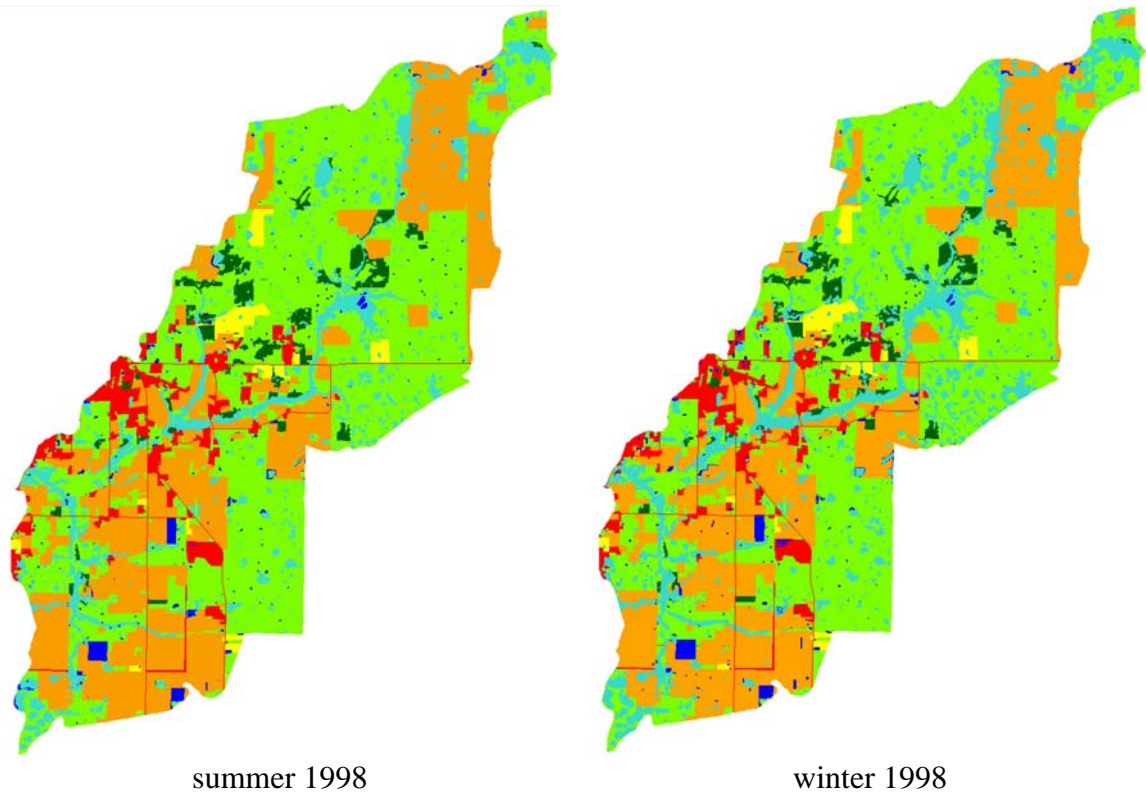


Figure A-5. Joshua Creek Processed Images (1998 and 1998).

PAYNE CREEK PROCESSED IMAGES

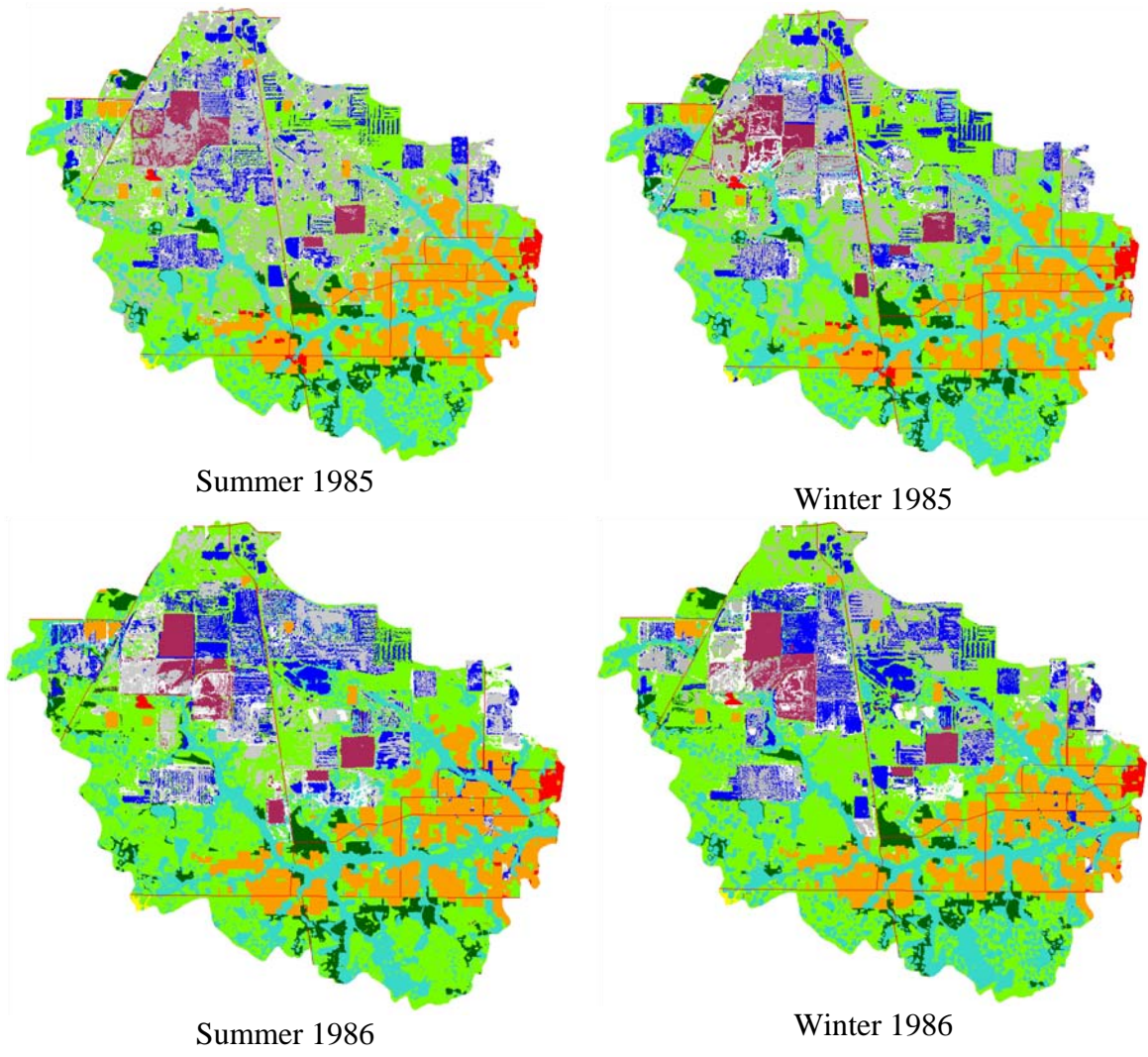
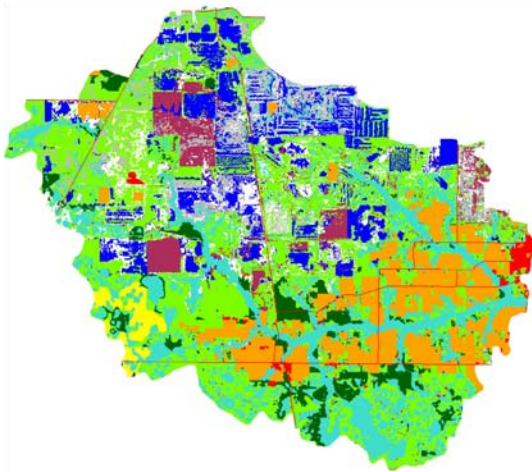
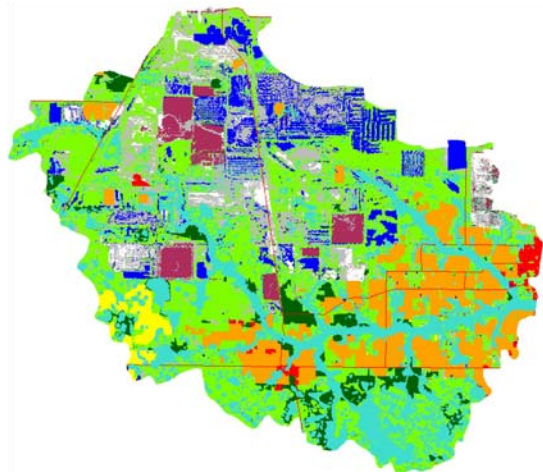


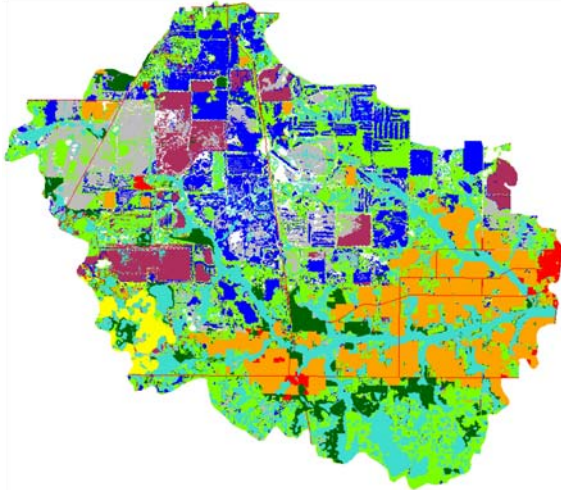
Figure A-6. Payne Creek Processed Images (1985 and 1986).



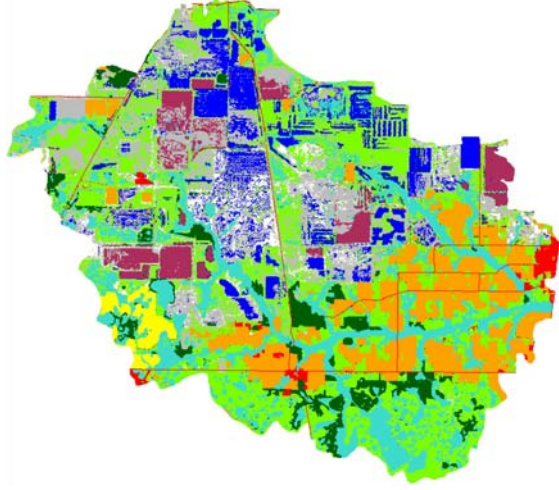
Summer 1988



Winter 1988

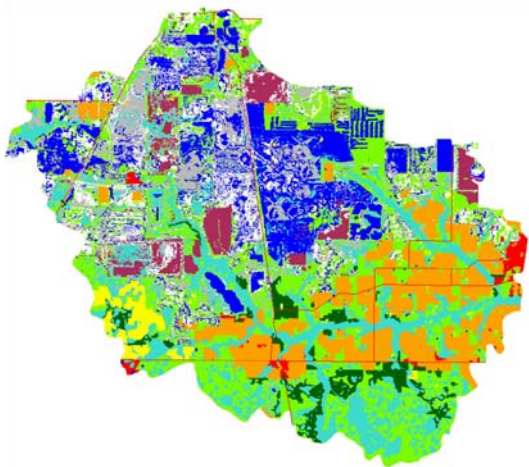


Summer 1991

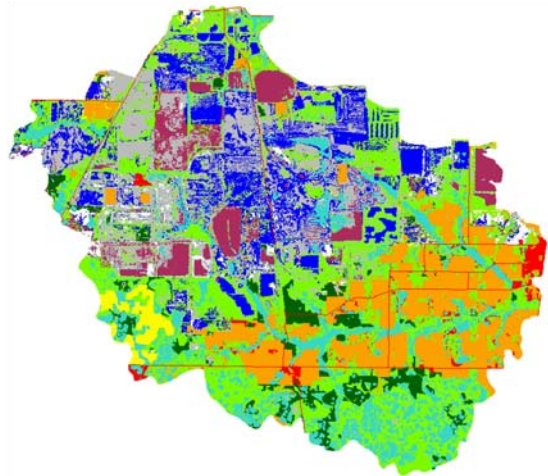


Winter 1991

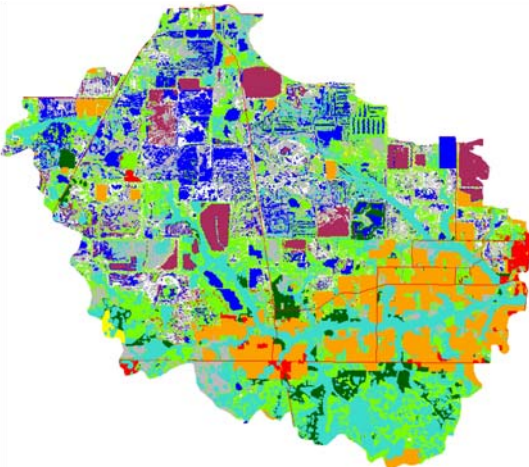
Figure A-7. Payne Creek Processed Images (1988 and 1991).



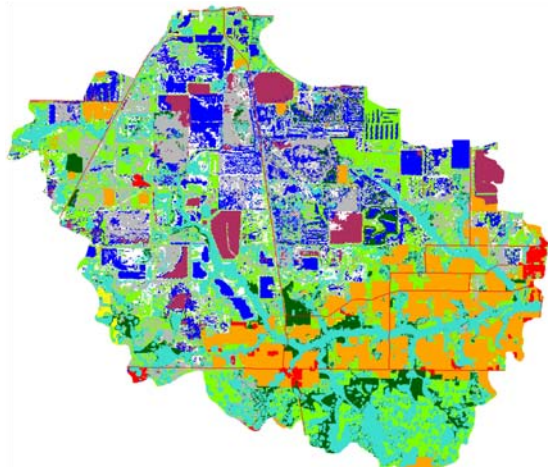
Summer 1992



Winter 1992

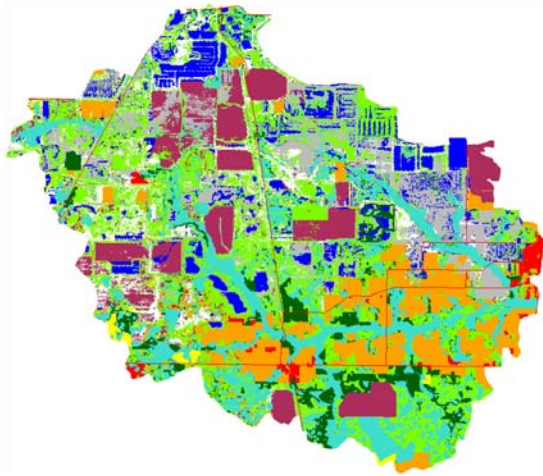


Summer 1993

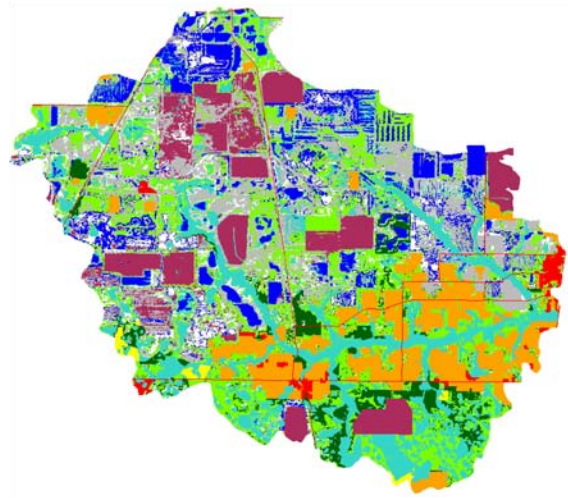


Winter 1993

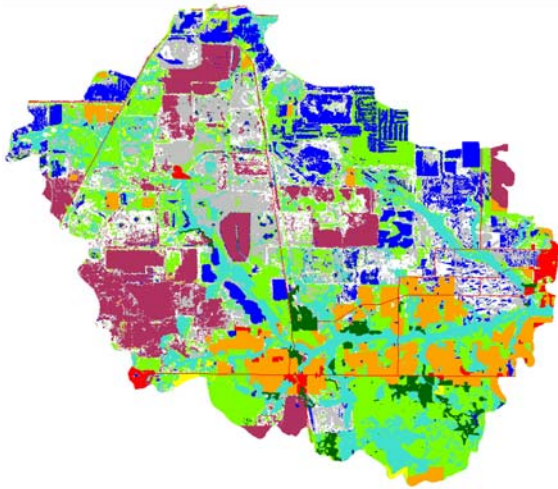
Figure A-8. Payne Creek Processed Images (1992 and 1993).



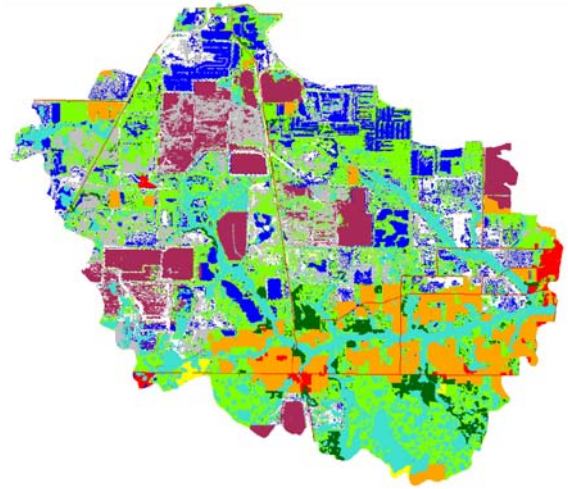
Summer 1995



Winter 1995

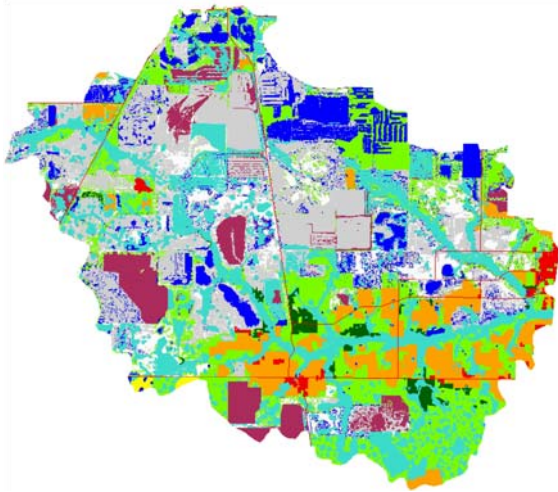


Summer 1996

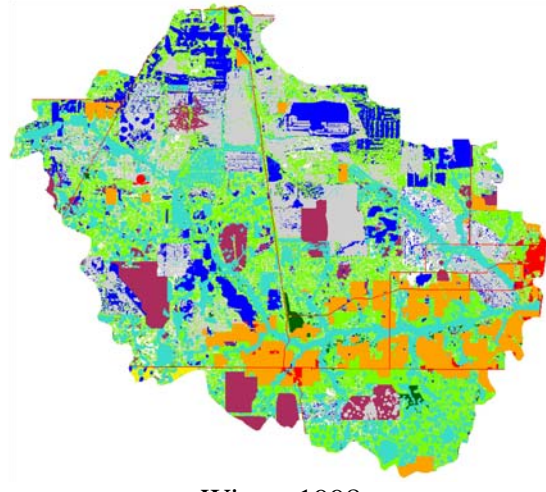


Winter 1996

Figure A-9. Payne Creek Processed Images (1995 and 1996).



Summer 1998



Winter 1998

Figure A-10. Payne Creek Processed Images (1998).

Appendix B

JOSHUA AND PAYNE CREEK DRAINAGE BASINS ILLUSTRATIVE MAPS

JOSHUA AND PAYNE CREEK DRAINAGE BASINS ILLUSTRATIVE MAPS

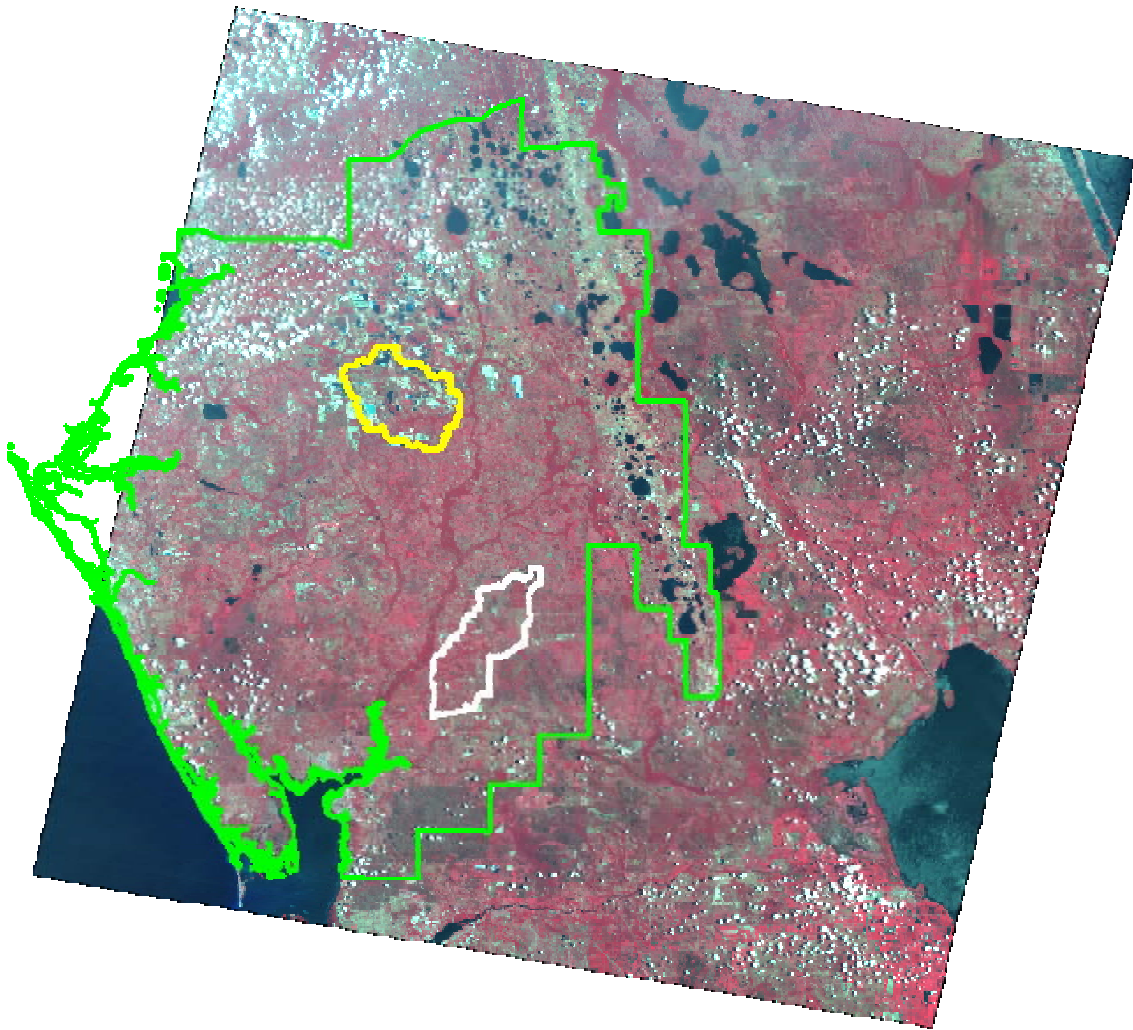


Figure B-1. Landsat 5 TM Image for 1998 Summer with SWUCA in Green, Payne Creek Drainage Basin in Yellow and Joshua Creek Drainage Basin in White.

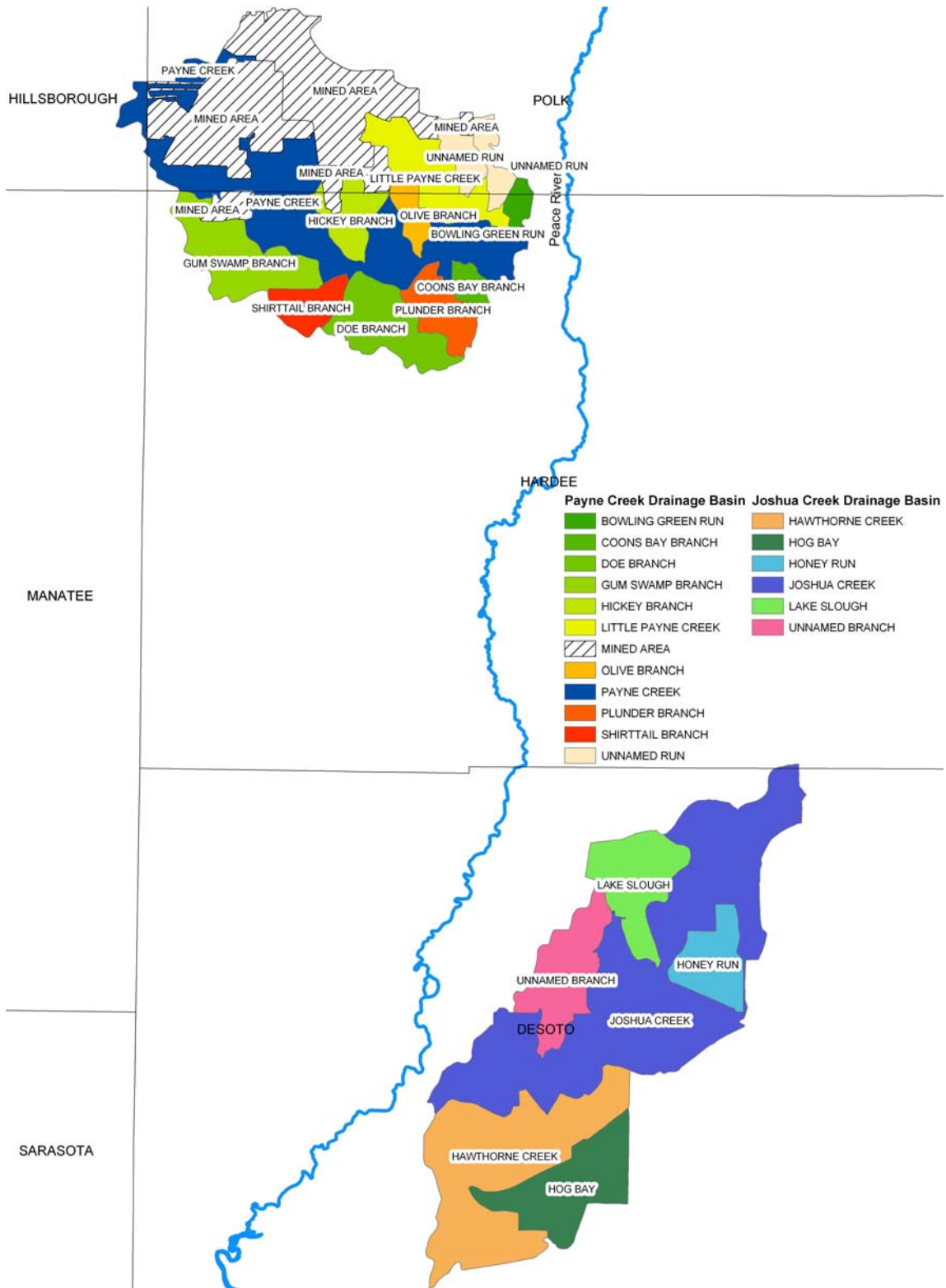


Figure B-2. Map of Sub-Drainage Areas Within the Payne and Joshua Creek Drainage Basins (Determined by USGS).

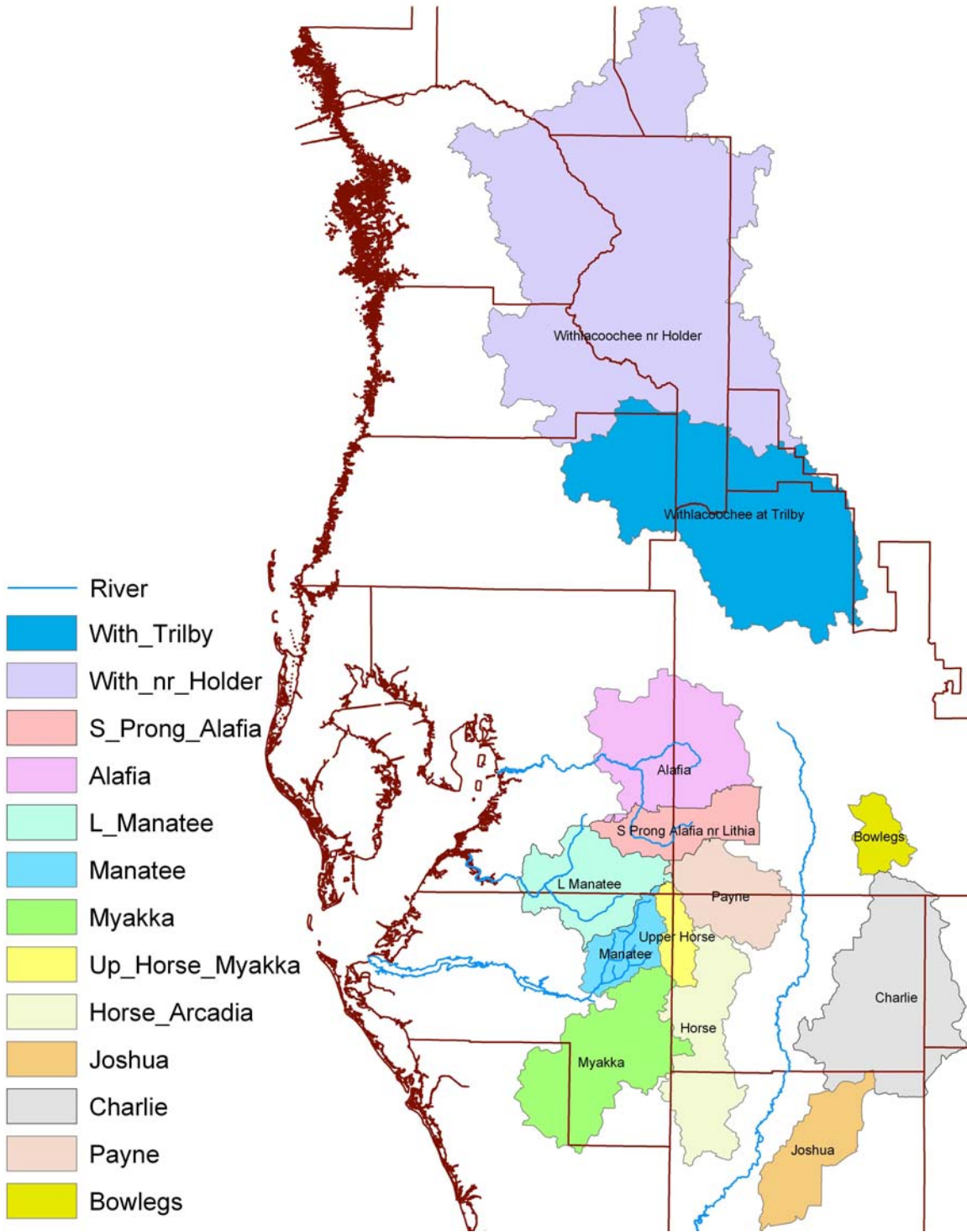


Figure B-3. Sub-Drainage Basins Studied Within SWUCA.

1	A	B	C	D	E	F	G	H	I	J	K	L
				DRAFT		1986 Water Budget						
2	Payne Creek	Rain	rain/12>ft			sqmi*640 AF	ET/EV */season		colF*colH/10^9		RO or Streamflow	Seasonal Sum USGS Daily
3	Drainage Basin	Sum	*121*640>acre-ft			AF*43568	ET/EV /12		sum LC & ET=TOTAL		Rain Input - ETLC	daily cfs*86,400>SUM/10^9
4	Date	*/season	af*43,568/10^9 >Bcf/season	LC Type	sq miles	= LC in sq ft	gives ET/EV ft/season		LOSS in Bcf/season		Col C - Col H in	Streamflow (Bcf/season)
5	Dry'86	16.8	4.72	Pasture	47.3	1318890496.00	26	2.17	2.86		-1.8	1.0
6			Water In	Citrus	10.4	289988608.00	29	2.42	0.70		Total Left	Actual USGS Measured
7				Wetland	20.2	563247104.00	26	2.17	1.22			
8				Urban	1.3	36248576.00	5	0.42	0.02			
9				Timber	6.9	164512768.00	20	1.67	0.27			
10				Water	9.7	270470144.00	30	2.50	0.68			
11				CSA	7.6	211914752.00	20	1.67	0.35			
12			Dry	Sand Tailing	5.0	139417600.00	10	0.83	0.12			
13				Overburden/Mine Cuts	14.5	404311040.00	10	0.83	0.34	TOTAL LOSS =		
14				Crop	0	0.00	25	2.08	0.00		6.55	
15										Water Out		
16												
17	Wet '86	29.8	8.38	Pasture	50.0	1394176000.00	18	1.50	2.09		2.9	1.6
18			Water In	Citrus	10.0	278835200.00	18	1.50	0.42		Total Left	Actual USGS Measured
19				Wetland	21.9	610649088.00	21	1.75	1.07			
20				Urban	1.2	33460224.00	5	0.42	0.01			
21				Timber	6.1	170089472.00	18	1.50	0.26			
22			Wet	Water	10.9	303930368.00	20	1.67	0.51			
23				CSA	9.2	256528384.00	25	2.08	0.53			
24				Sand Tailing	5.5	153359360.00	10	0.83	0.13			
25				Overburden/Mine Cuts	7.8	217491456.00	10	0.83	0.18			
26				Crop	6.21	173156659.20	22	1.83	0.32		5.51	
27										Water Out		
28	Joshua Creek	Rain	rain/12>ft			sqmi*640 AF	ET/EV */season		colF*colH/10^9		RO or Streamflow	Seasonal Sum USGS Daily
29	Drainage Basin	Sum	*132*640>acre-ft			AF * 43568	ET/EV 12		sum LC & ET=TOTAL		Rain Input - ETLC	daily cfs*86,400>SUM/10^9
30	Date	*/season	af*43,568/10^9 >Bcf/season	LC Type	sq miles	= LC in sq ft	gives ET/EV ft/season		LOSS in Bcf/season		Col C - Col H in	Streamflow (Bcf/season)
31	Dry'86	18.92	5.28	Pasture	85.74	2390733004.80	25	2.08	4.98		-1.6	1.19
32			Water In	Citrus	21.16	590015283.20	27	2.25	1.33		Total Left	Actual USGS Measured
33				Wetland	6.51	181521715.20	24	2.00	0.36			
34				Urban	3.15	87833088.00	5	0.42	0.04			
35				Timber	3.73	104005529.60	22	1.83	0.19			
36				Water	0	0.00	30	2.50	0.00			
37				Crop	0	0.00	25	2.08	0.00			
38										TOTAL LOSS =	6.90	
39										Water Out		
40	Wet '86	35.49	9.90	Pasture	81.86	2282544947.20	18	1.50	3.42		4.8	1.25
41			Water In	Citrus	20.7	577188864.00	18	1.50	0.87		Total Left	Actual USGS Measured
42				Wetland	8.14	226971852.80	21	1.75	0.40			
43				Urban	1.83	51026841.60	5	0.42	0.02			
44	Dry=Oct-May			Timber	1.54	42940620.80	18	1.50	0.06			
45	Wet=June-Sept			Water	0	0.00	20	1.67	0.00			
46				Crop	6.21	173156659.20	22	1.83	0.32			
47										TOTAL LOSS =	5.09	
48										Water Out		

Figure B-4. Example of Water Budget Spreadsheet Model (1986).

Joshua Modeled vs. Measured Streamflow ('85, '86, '88, '91, '92, '93, '95, '96, '98 Wet Seasons)

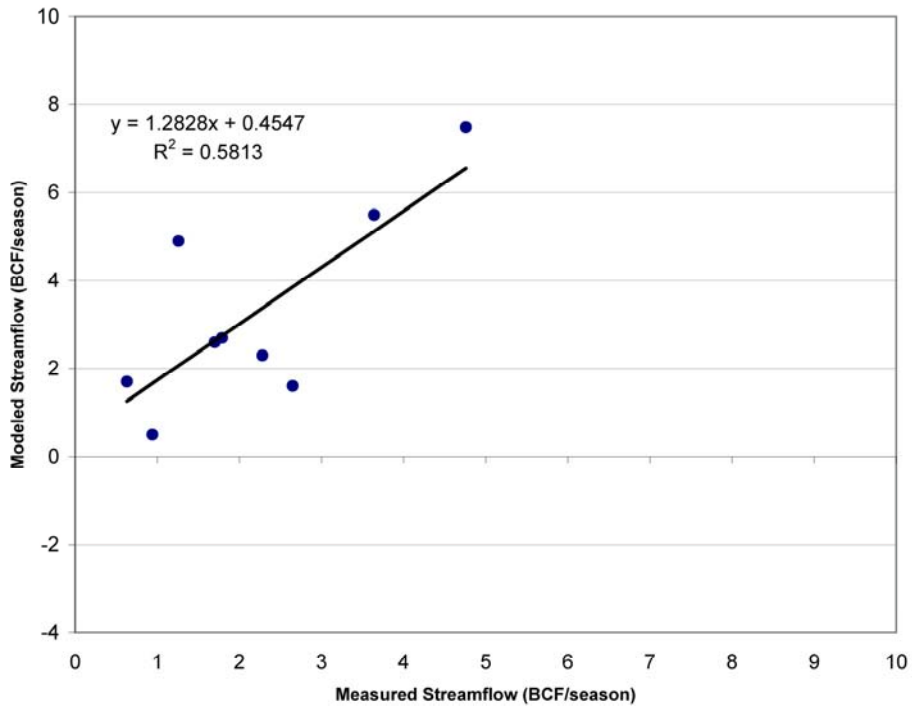


Figure B-5. Joshua Creek Scatter Diagram of Modeled Versus Measured Streamflow – Wet Season.

Joshua Modeled vs. Measured Streamflow ('85, '86, '88, '91, '92, '93, '95, '96, '98 Dry Seasons)

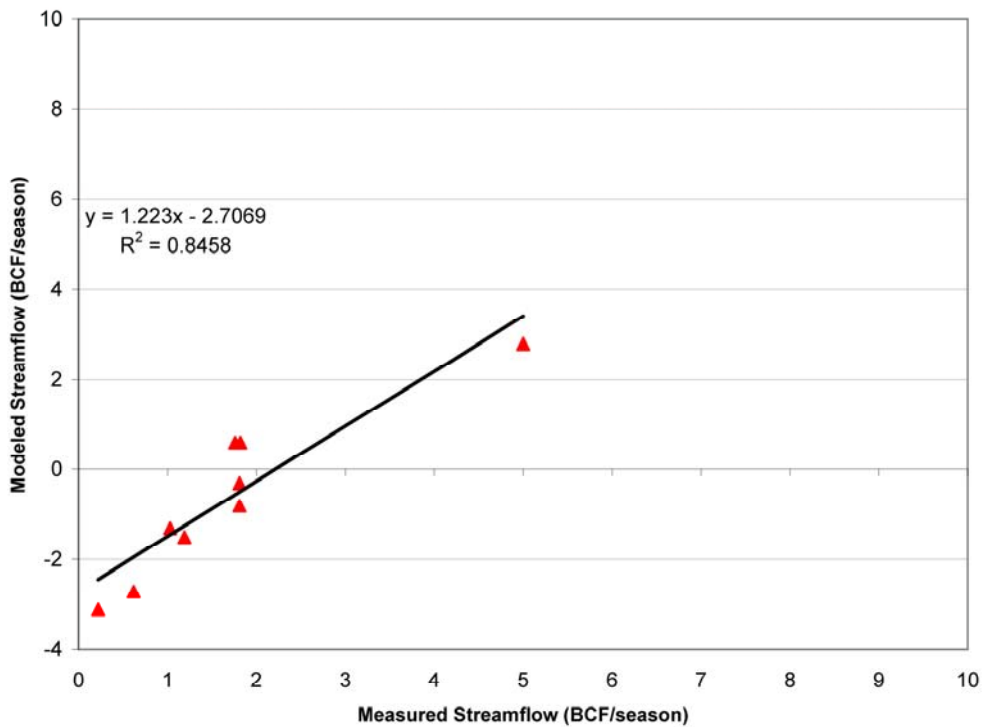


Figure B-6. Joshua Creek Scatter Diagram of Modeled Versus Measured Streamflow – Dry Season.

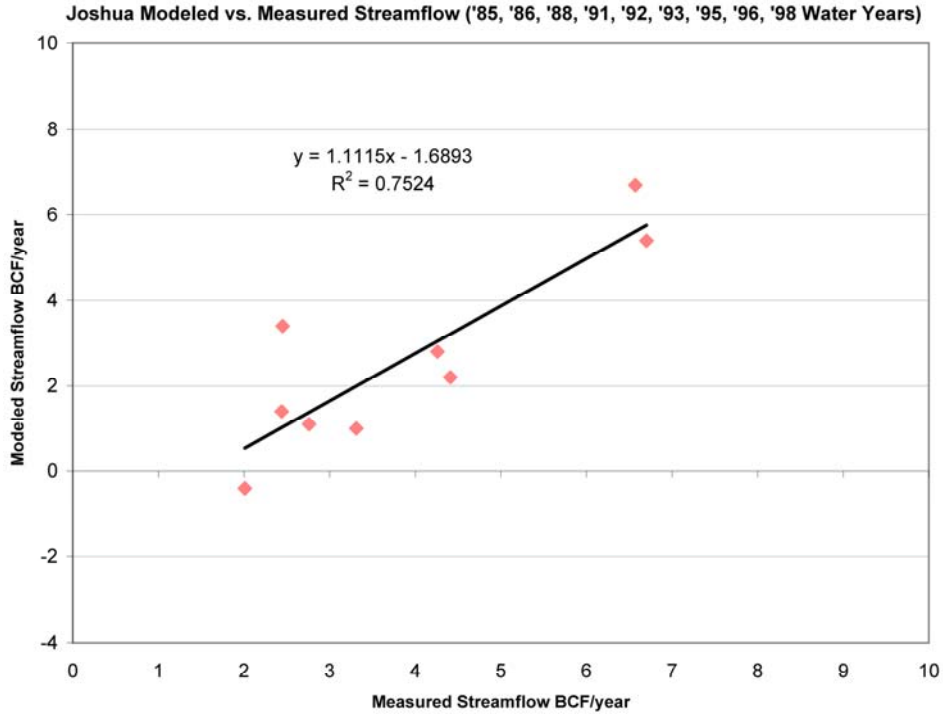


Figure B-7. Joshua Creek Scatter Diagram of Modeled Versus Measured Streamflow – Water Year.

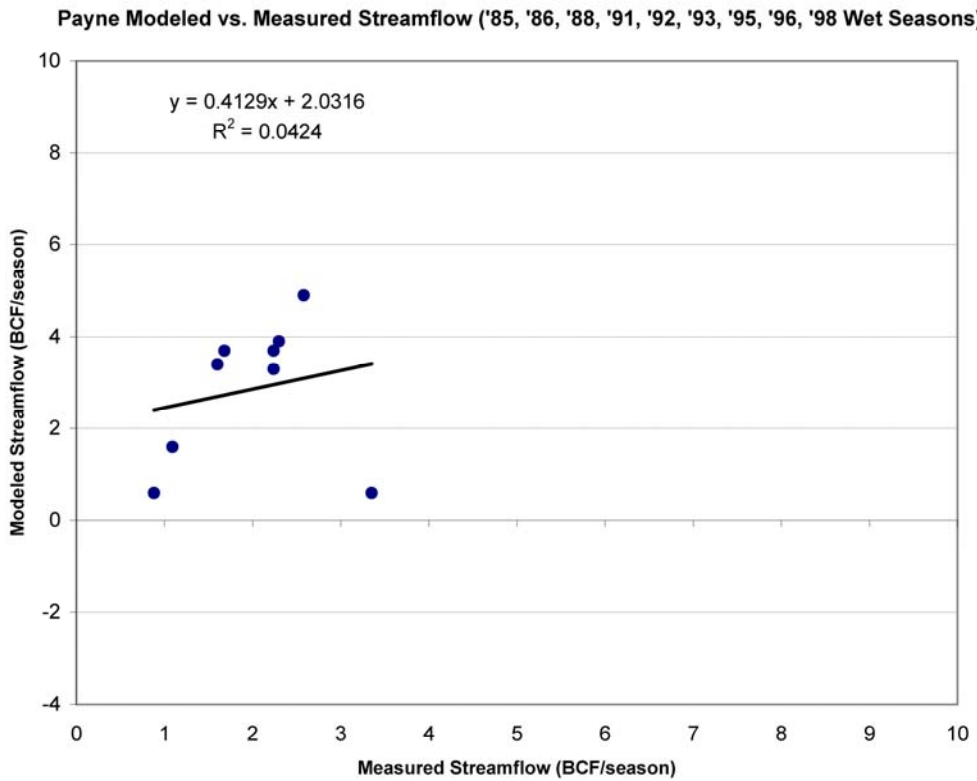


Figure B-8. Payne Creek Scatter Diagram of Modeled Versus Measured Streamflow – Wet Season.

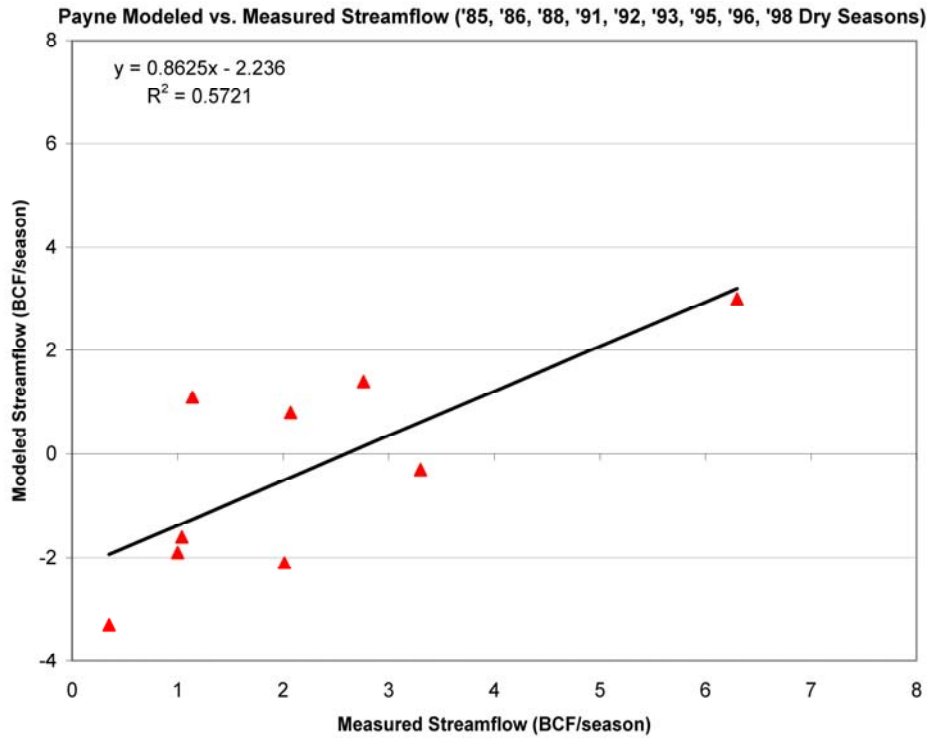


Figure B-9. Payne Creek Scatter Diagram of Modeled Versus Measured Streamflow – Dry Season.

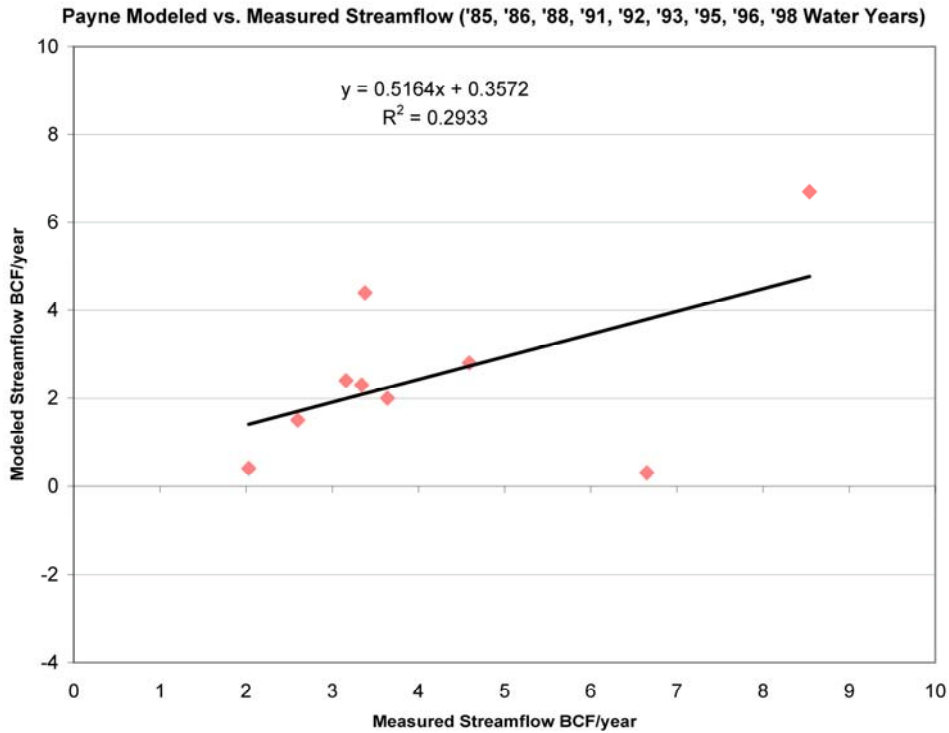


Figure B-10. Payne Creek Scatter Diagram of Modeled Versus Measured Streamflow – Water Year.

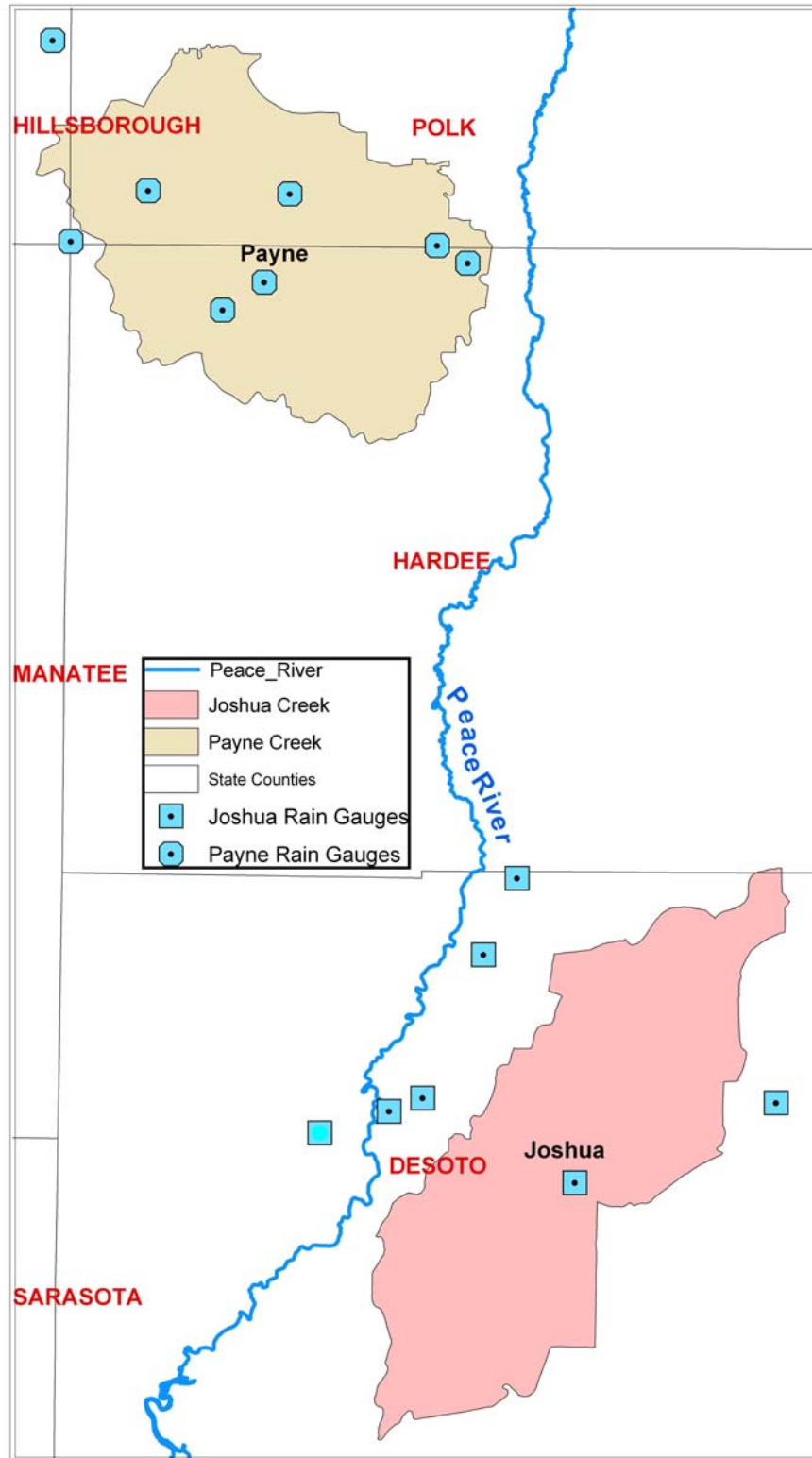


Figure B-11. Joshua Creek and Payne Creek Location of Rain Gauges Used in Study.

Appendix C

**CUMULATIVE STREAMFLOW VERSUS RAIN DOUBLE MASS
(POLYNOMIAL AND LINEAR) ANALYSIS OF
THREE MAJOR RIVER BASINS**

CUMULATIVE STREAMFLOW VERSUS RAIN DOUBLE MASS (POLYNOMIAL AND LINEAR) ANALYSIS OF THREE MAJOR RIVER BASINS

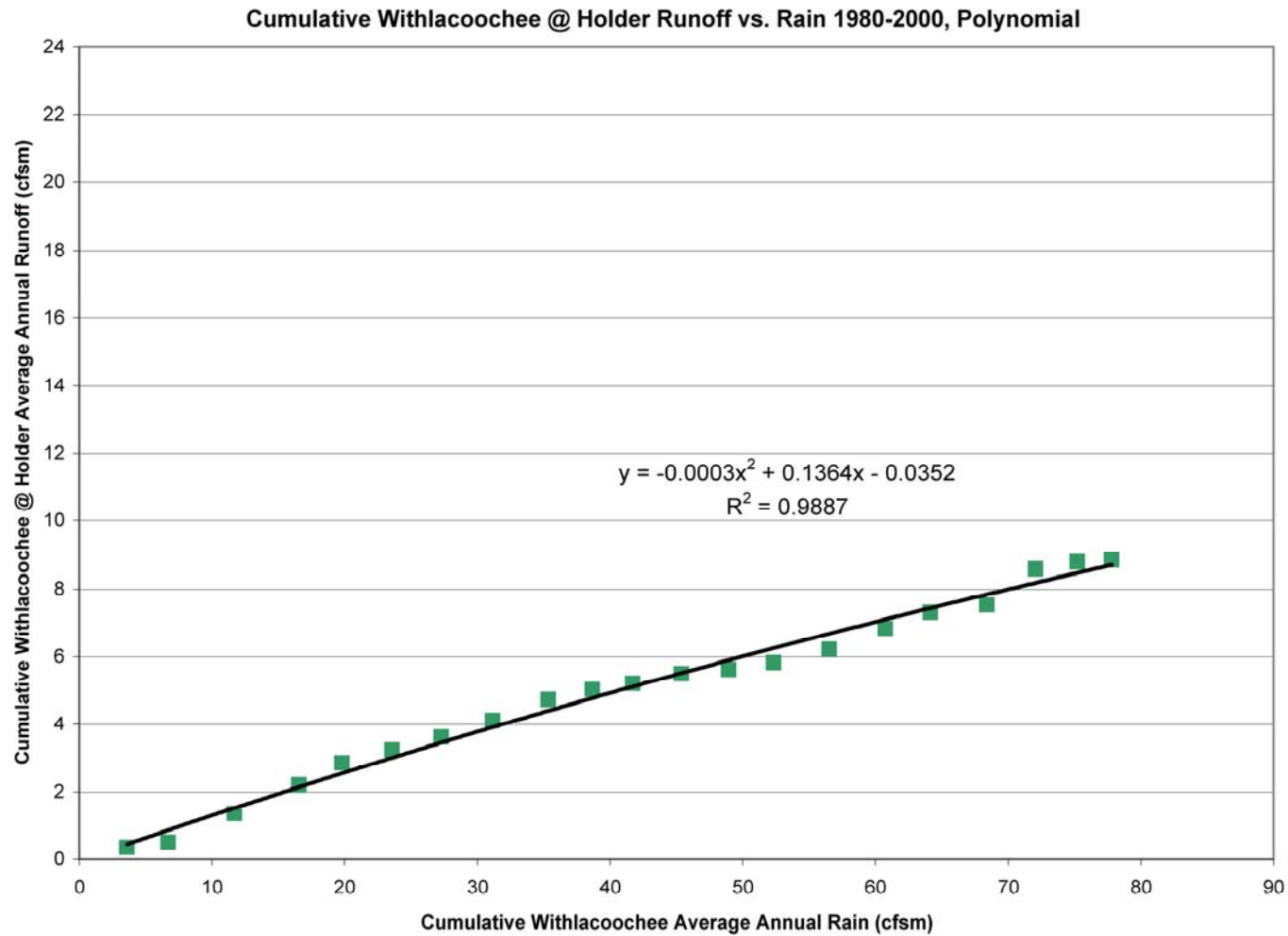


Figure C-1. Cumulative Withlacoochee @ Holder Streamflow Versus Rain (cfsm), 1980-2000 (Polynomial).

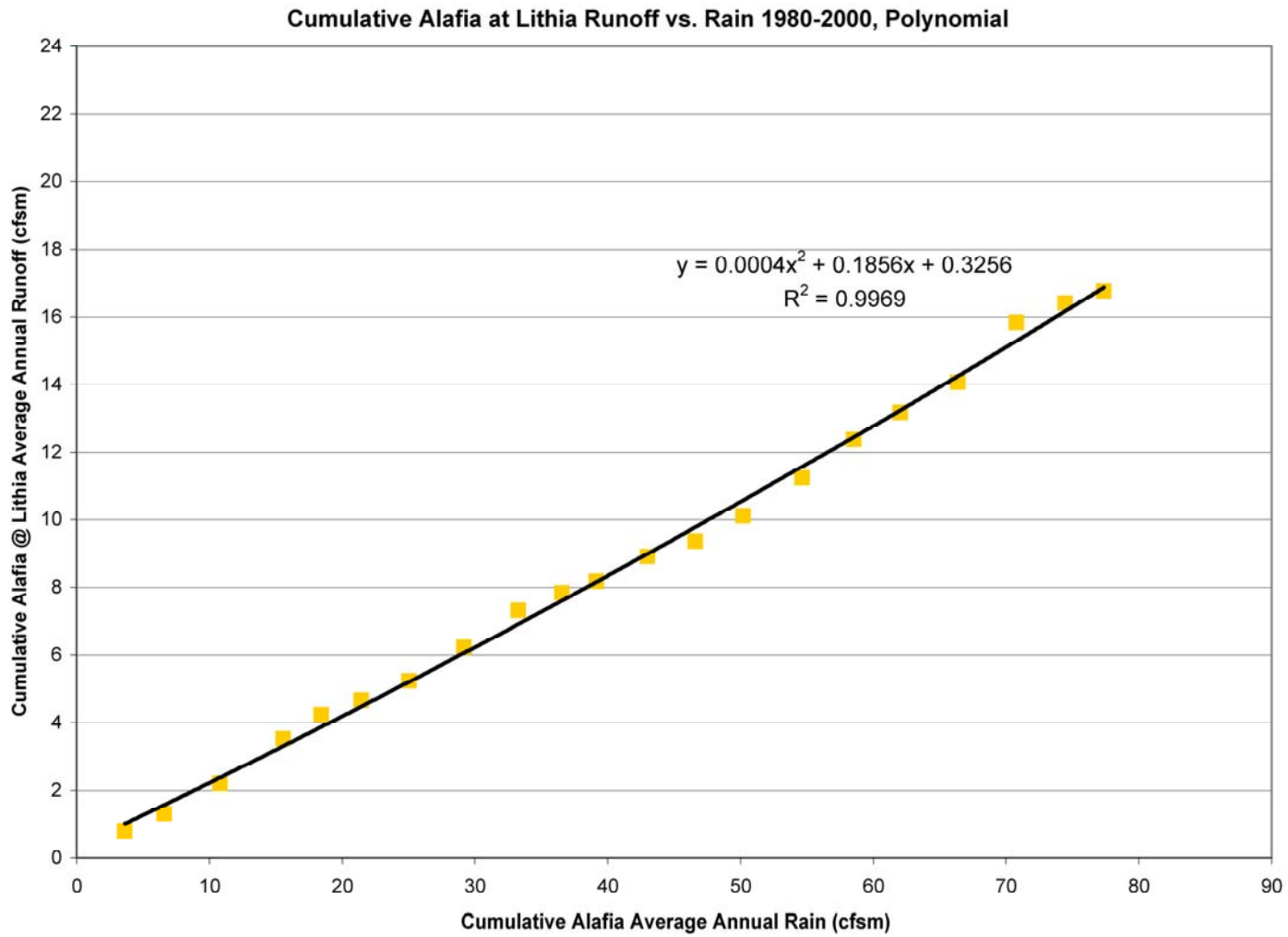


Figure C-2. Cumulative Alafia @ Lithia Streamflow Versus Rain (cfsm), 1980-2000 (Polynomial).

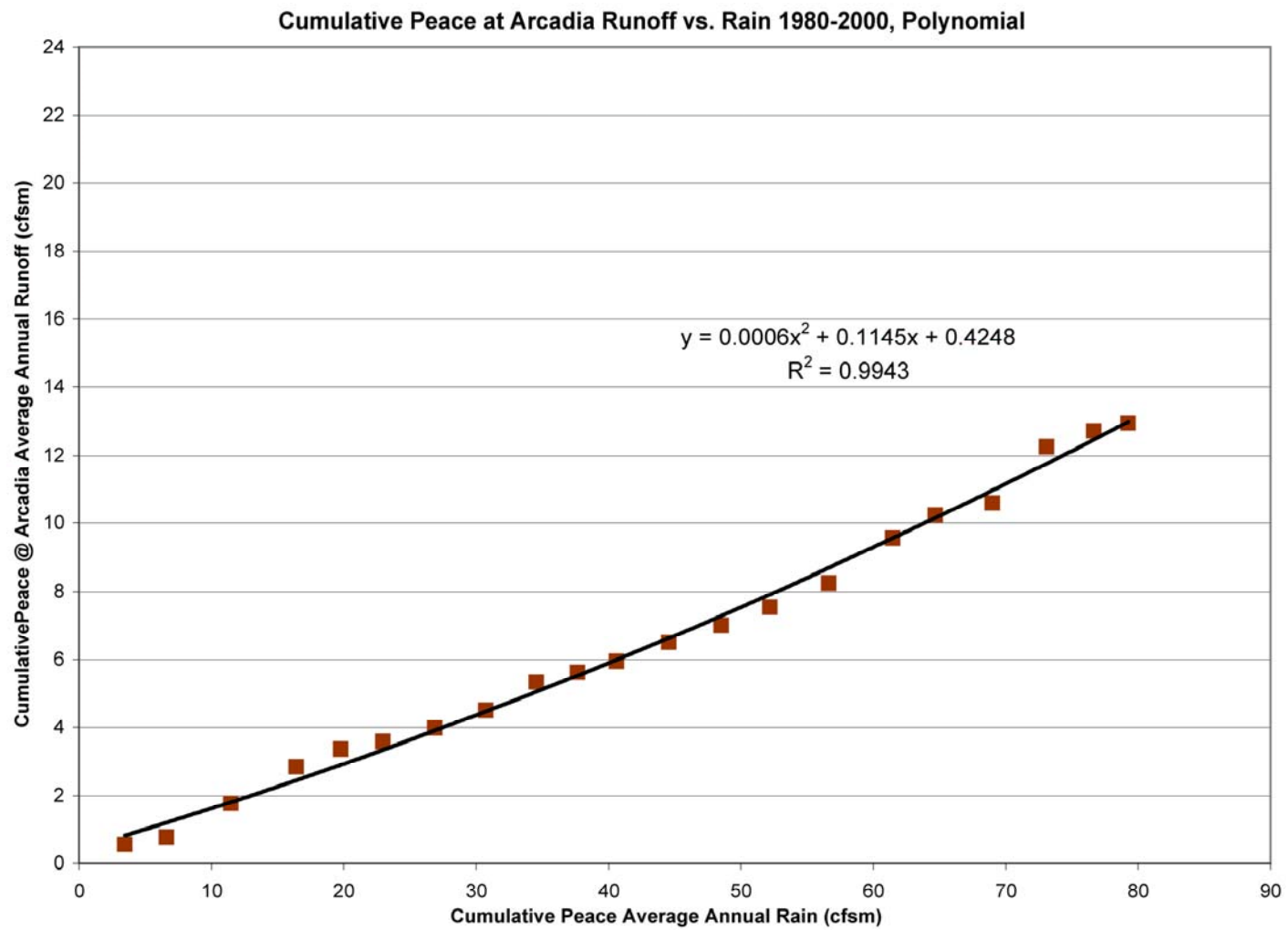


Figure C-3. Cumulative Peace @ Arcadia Streamflow Versus Rain (cfsm), 1980-2000 (Polynomial).

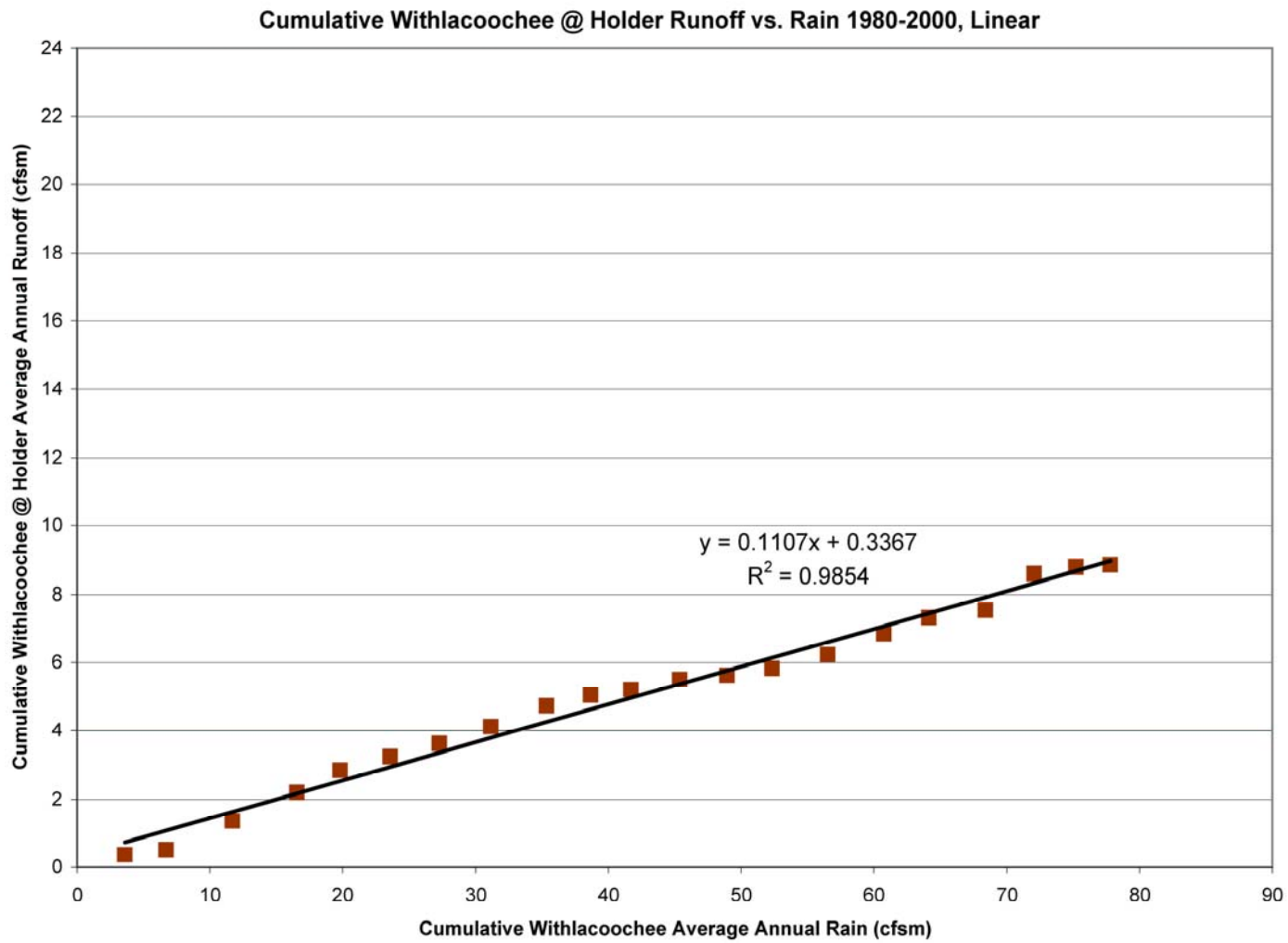


Figure C-4. Cumulative Withlacoochee @ Holder Streamflow Versus Rain (cfsm), 1980-2000 (Linear).

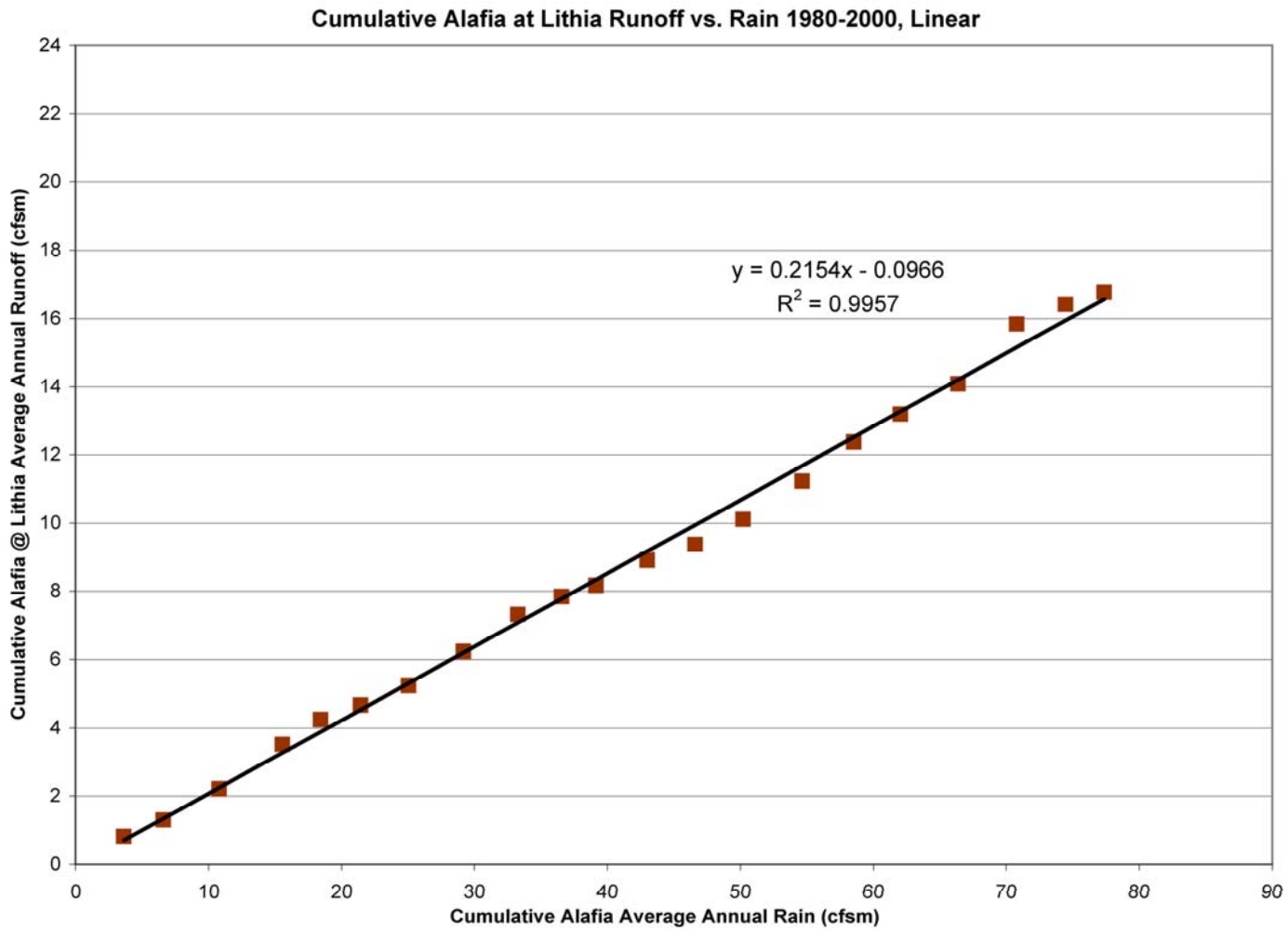


Figure C-5. Cumulative Alafia @ Lithia Streamflow Versus Rain (cfsm), 1980-2000 (Linear).

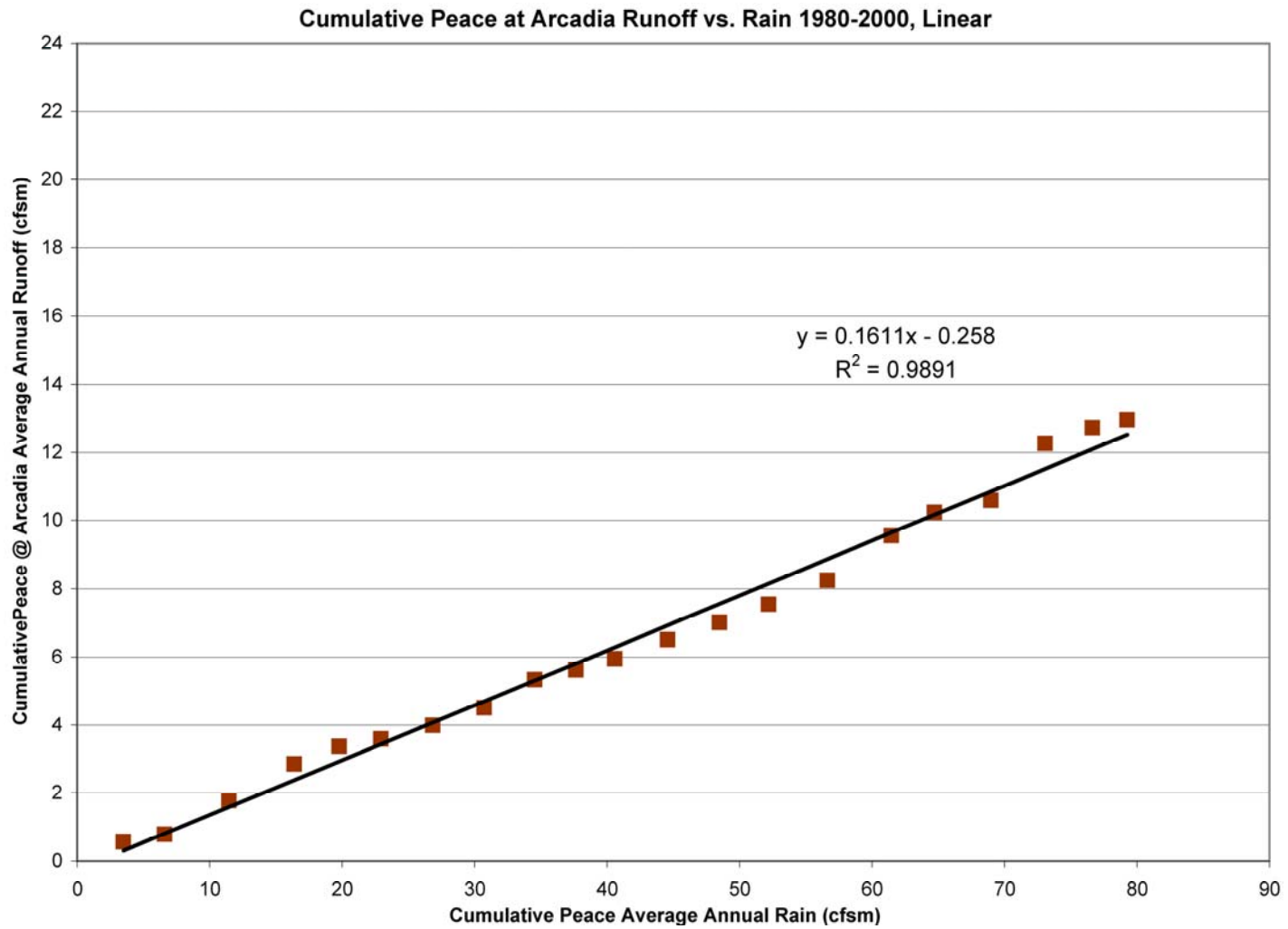


Figure C-6. Cumulative Peace @ Arcadia Streamflow Versus Rain (cfsm), 1980-2000 (Linear).

Appendix D

**HISTORICAL SWUCA STREAMFLOW AND RAIN DATA AND
SUPPORTING INFORMATION**

HISTORICAL SWUCA STREAMFLOW AND RAIN DATA AND SUPPORTING INFORMATION

1932-1940 Cumulative Peace Rain vs. Cumulative Peace @ Arcadia Total Streamflow, polynomial

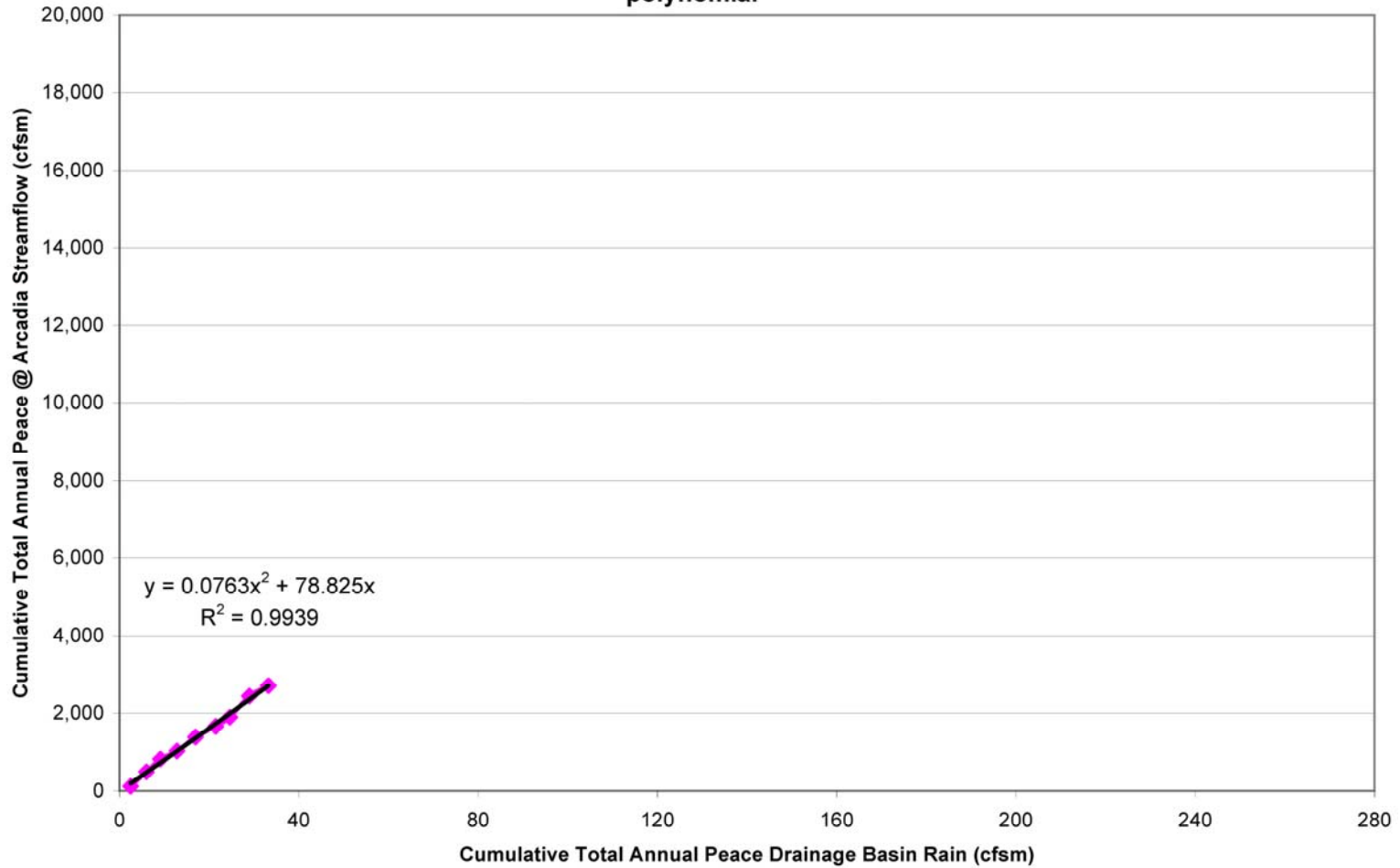


Figure D-1. Cumulative Peace @ Arcadia Streamflow Versus Rain (cfsm), 1932-1940 (Polynomial).

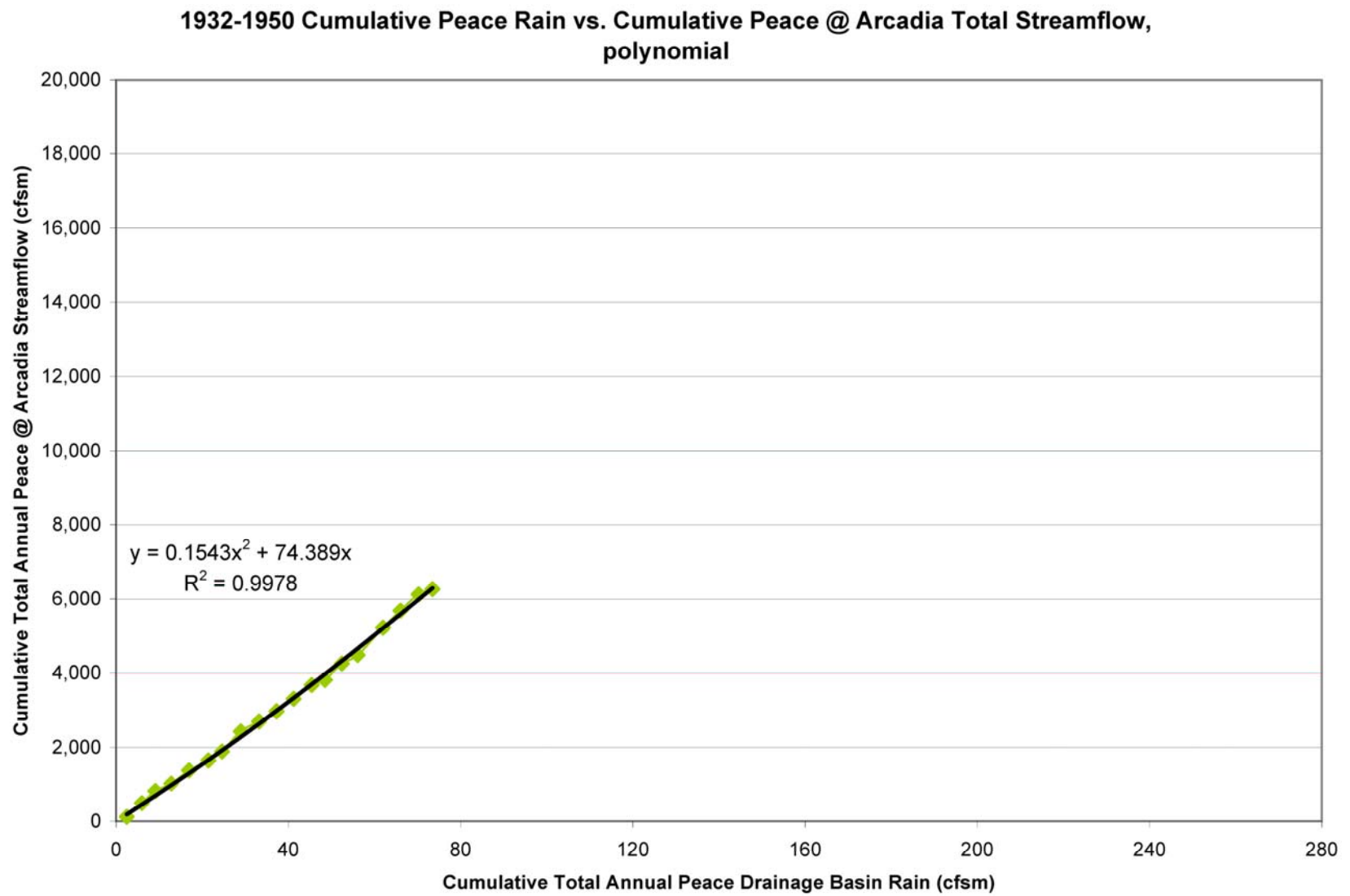


Figure D-2. Cumulative Peace @ Arcadia Streamflow Versus Rain (cfsm), 1932-1950 (Polynomial).

**1932-1960 Cumulative Peace Rain vs. Cumulative Peace @ Arcadia Total Streamflow,
polynomial**

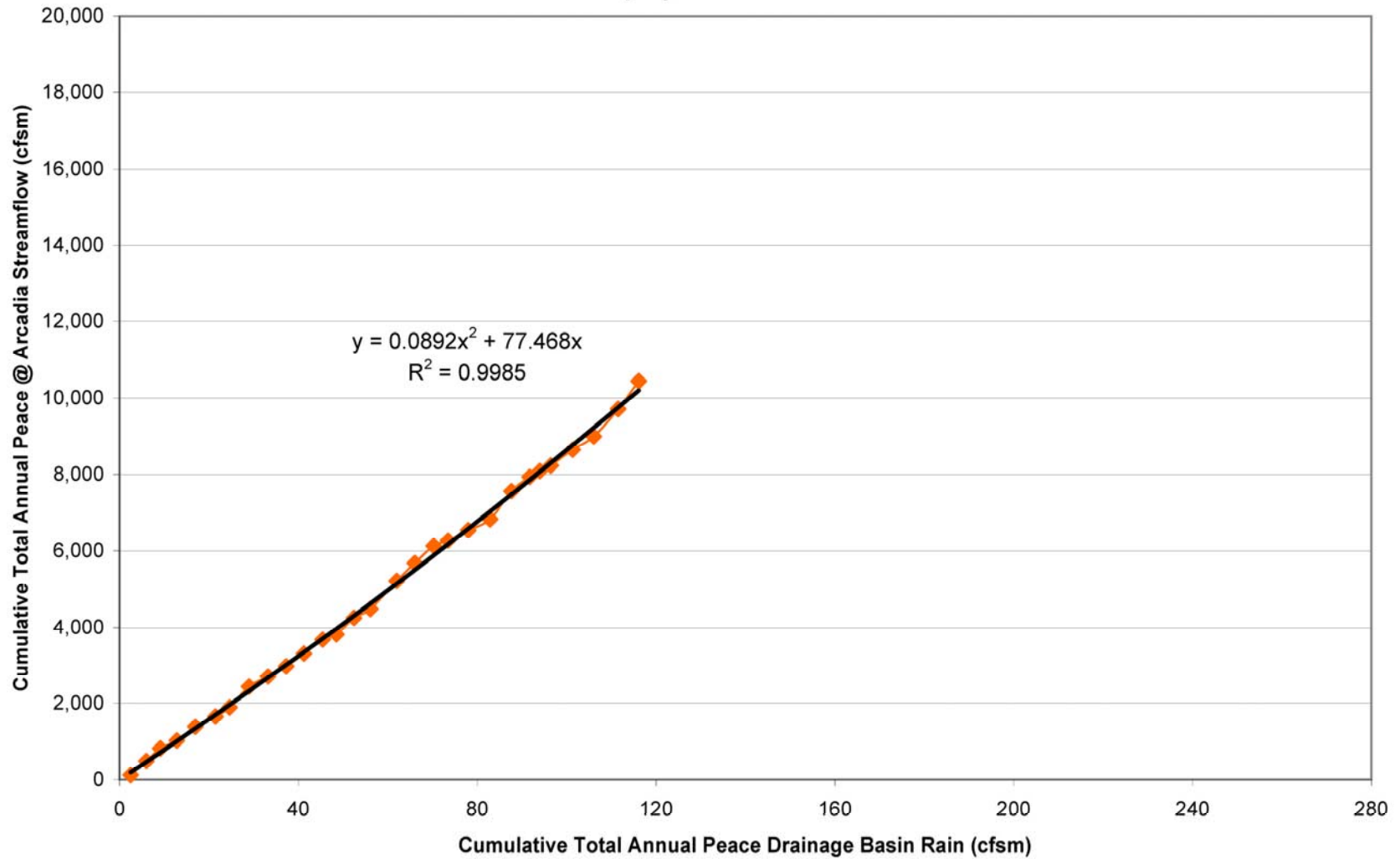


Figure D-3. Cumulative Peace @ Arcadia Streamflow Versus Rain (cfsm), 1932-1960 (Polynomial).

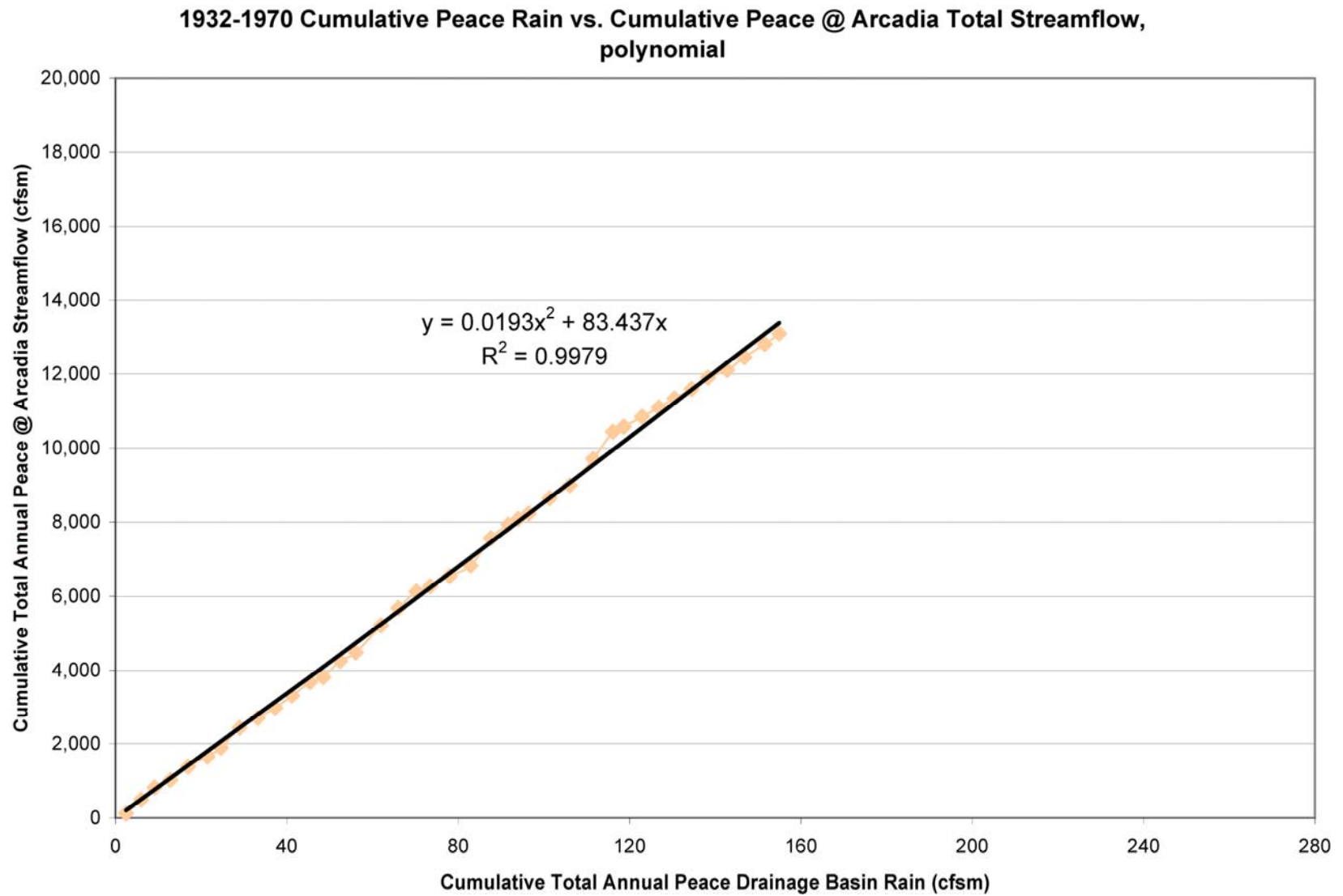


Figure D-4. Cumulative Peace @ Arcadia Streamflow Versus Rain (cfsm), 1932-1970 (Polynomial).

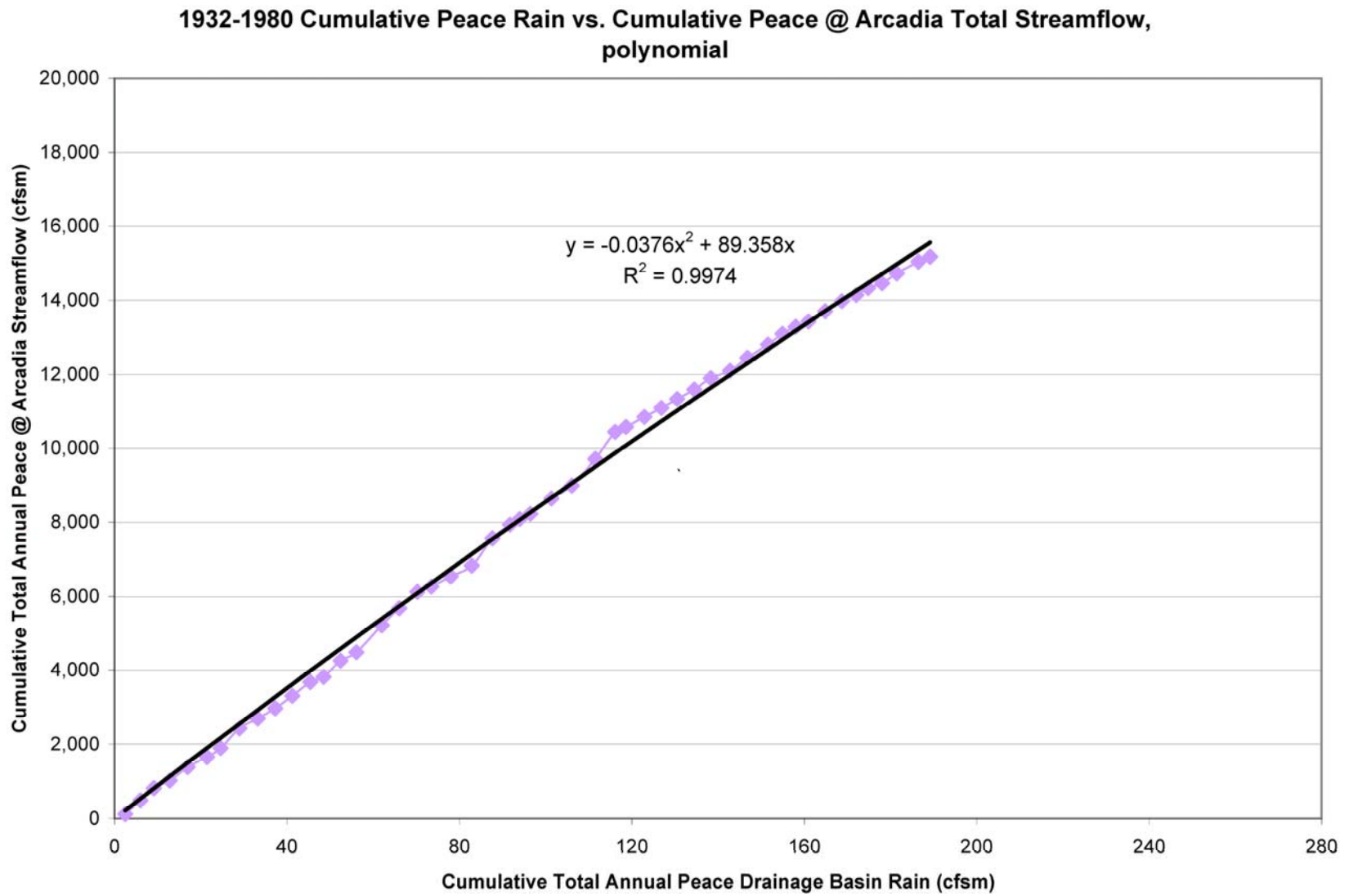


Figure D-5. Cumulative Peace @ Arcadia Streamflow Versus Rain (cfsm), 1932-1980 (Polynomial).

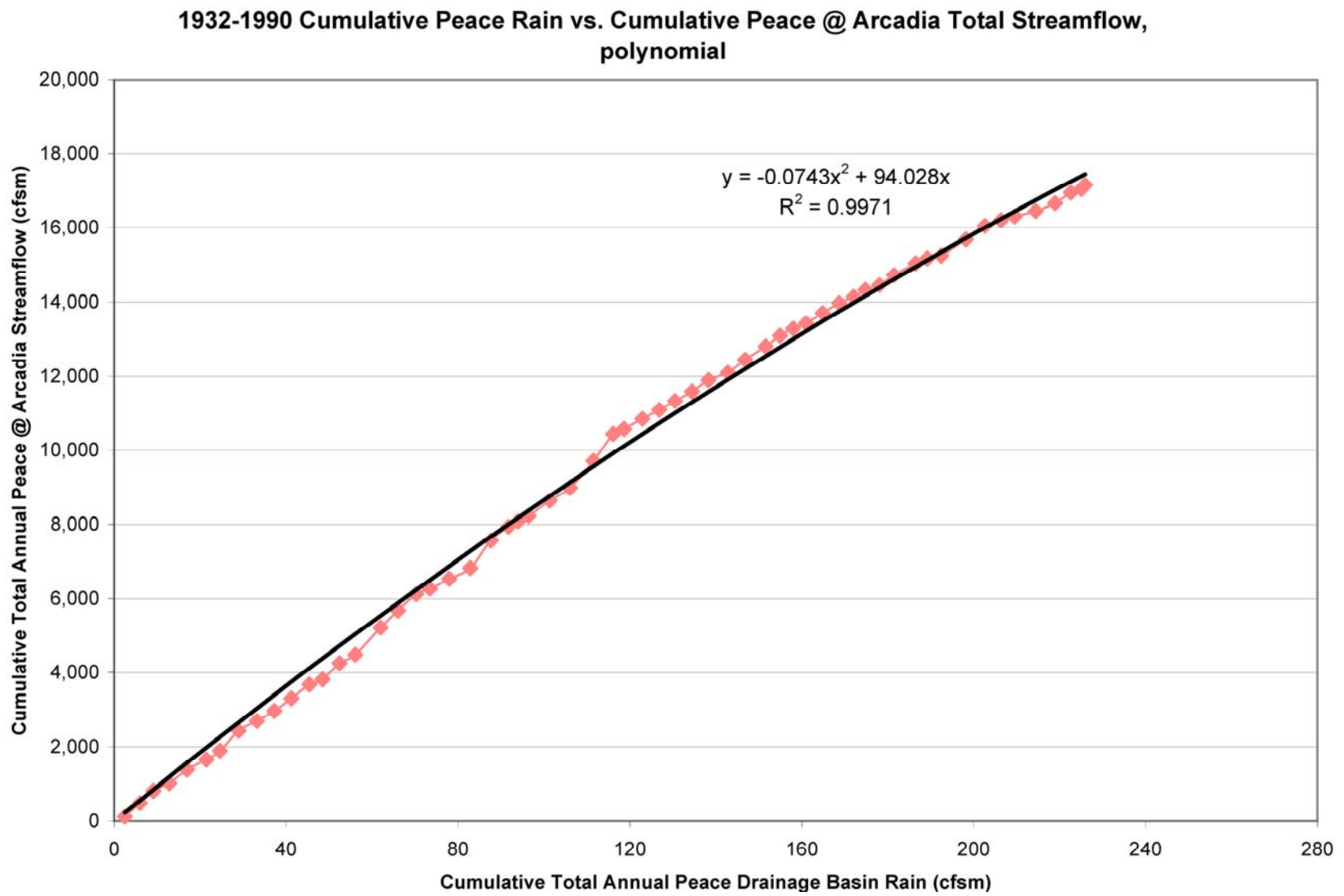


Figure D-6. Cumulative Peace @ Arcadia Streamflow Versus Rain (cfsm), 1932-1990 (Polynomial).

1932-2000 Cumulative Peace Rain vs. Cumulative Peace @ Arcadia Total Streamflow,
polynomial

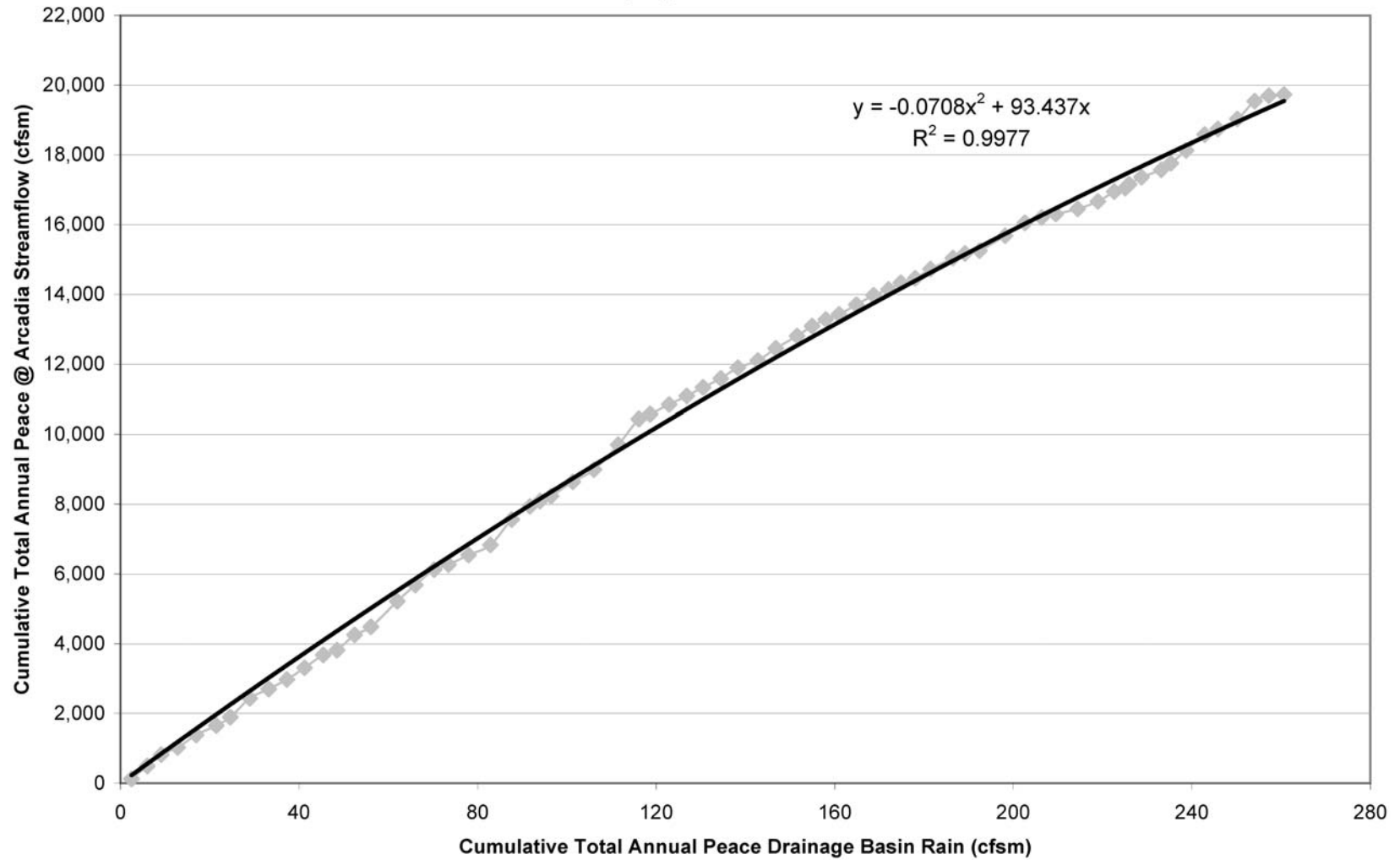


Figure D-7. Cumulative Peace @ Arcadia Streamflow Versus Rain (cfsm), 1932-2000 (Polynomial).

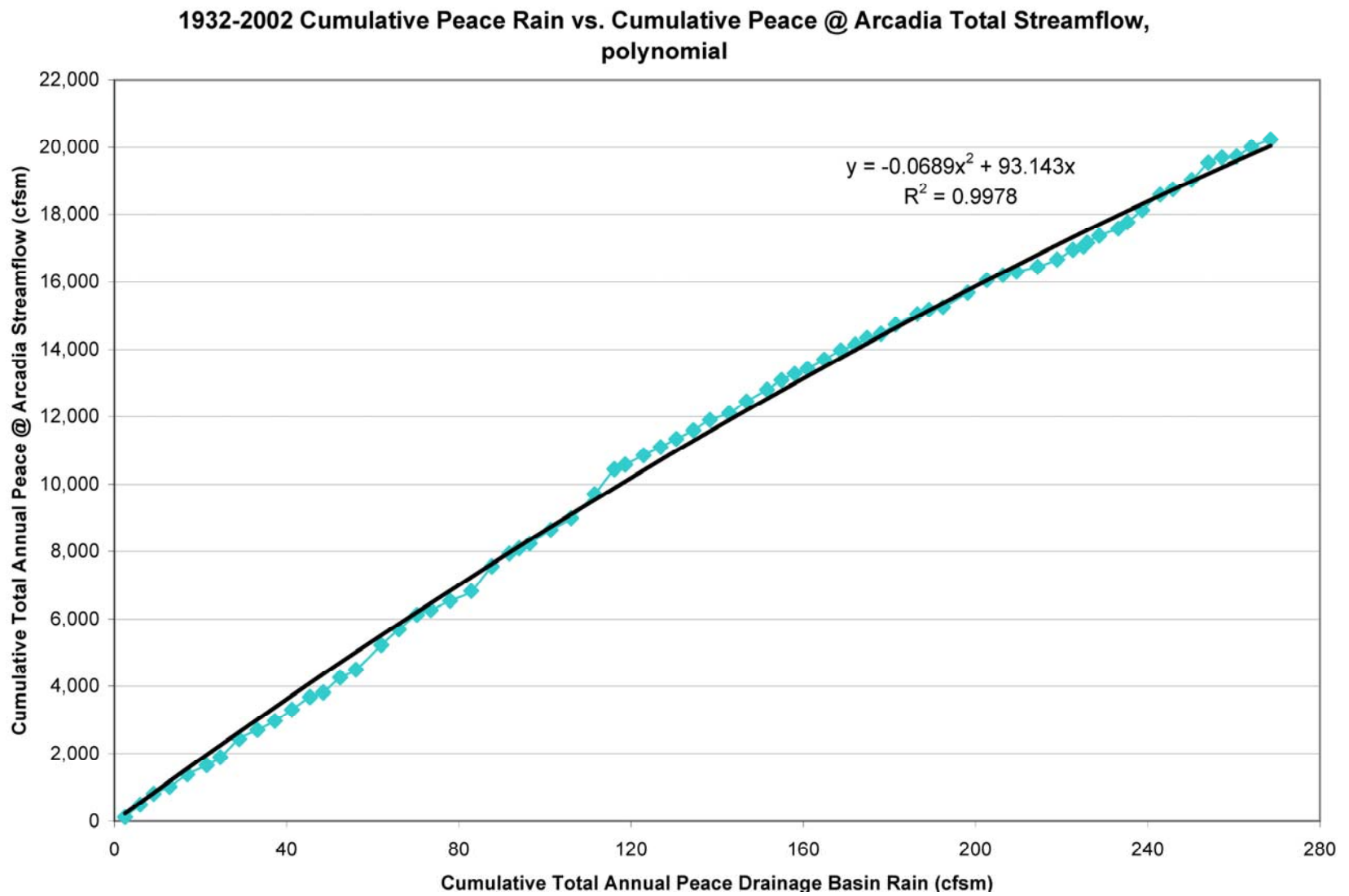
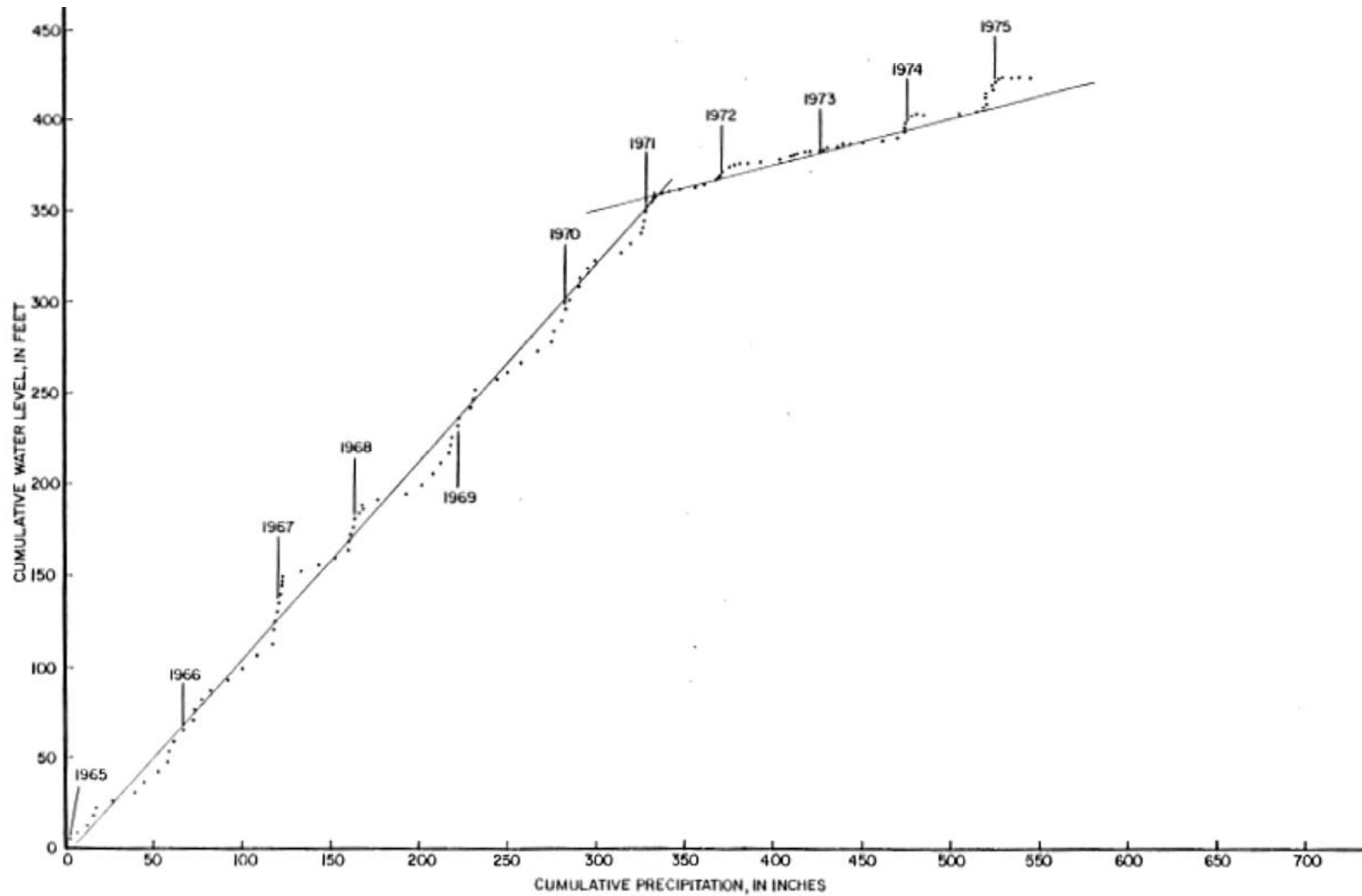
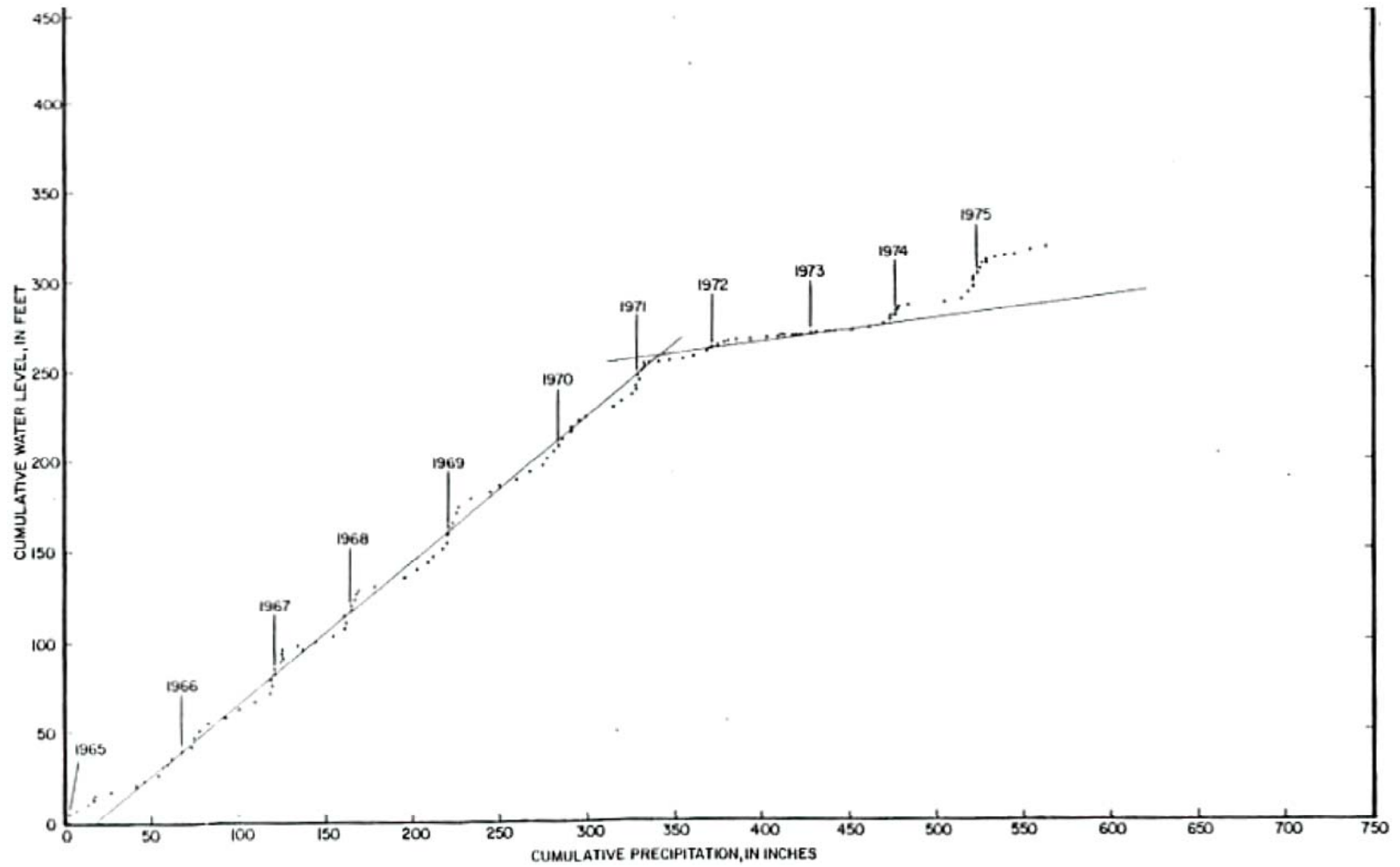


Figure D-8. Cumulative Peace @ Arcadia Streamflow Versus Rain (cfsm), 1932-2002 (Polynomial).



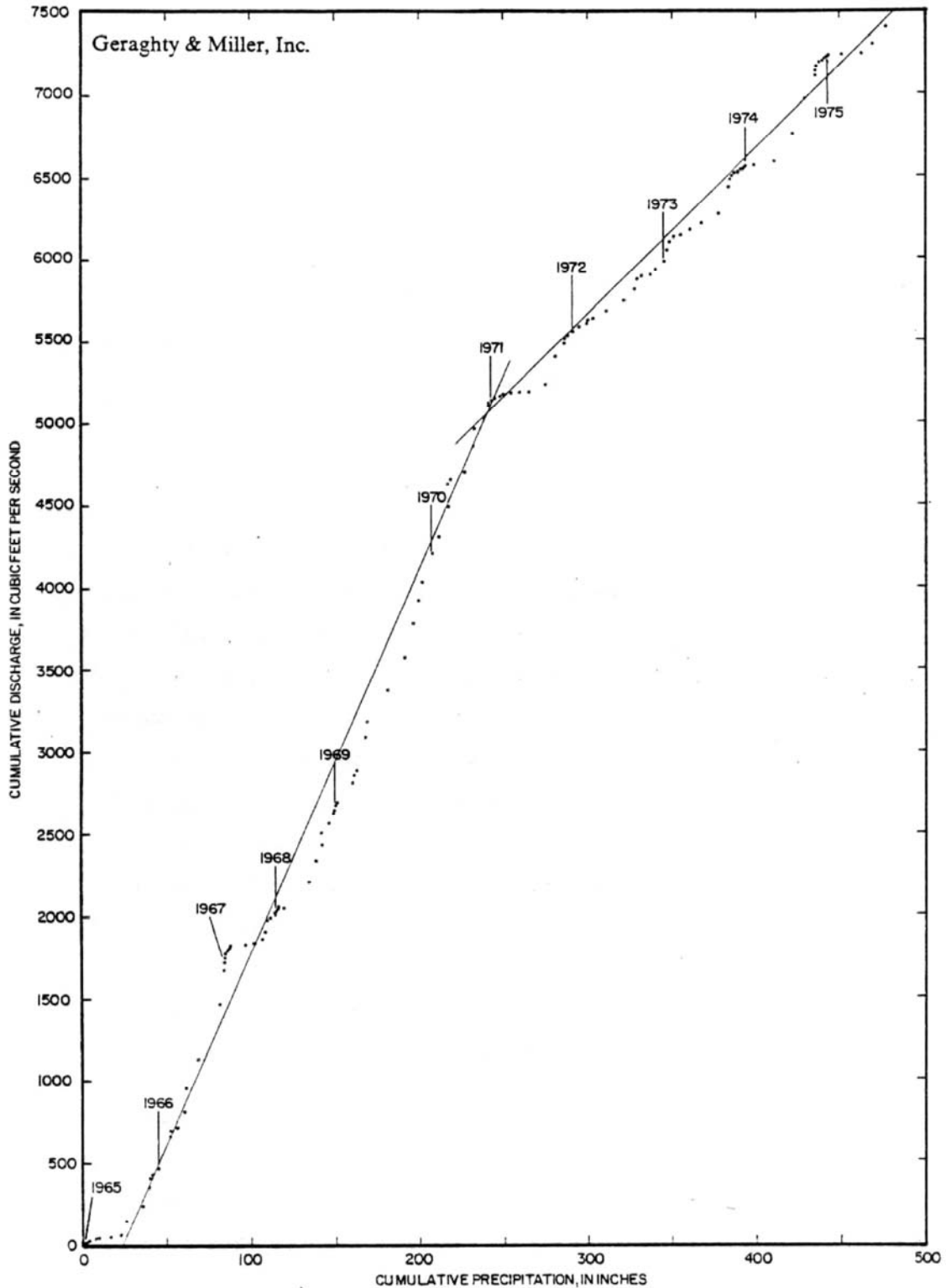
Source: Geraghty & Miller Highlands Ridge Hydrologic Investigation, Sept. 1980, prepared for the Peace River Basin Board and SWFWMD.

Figure D-9. Double-Mass Curve of Precipitation at Avon Park versus Water Levels in Lake Lotela, 1965 to 1975.



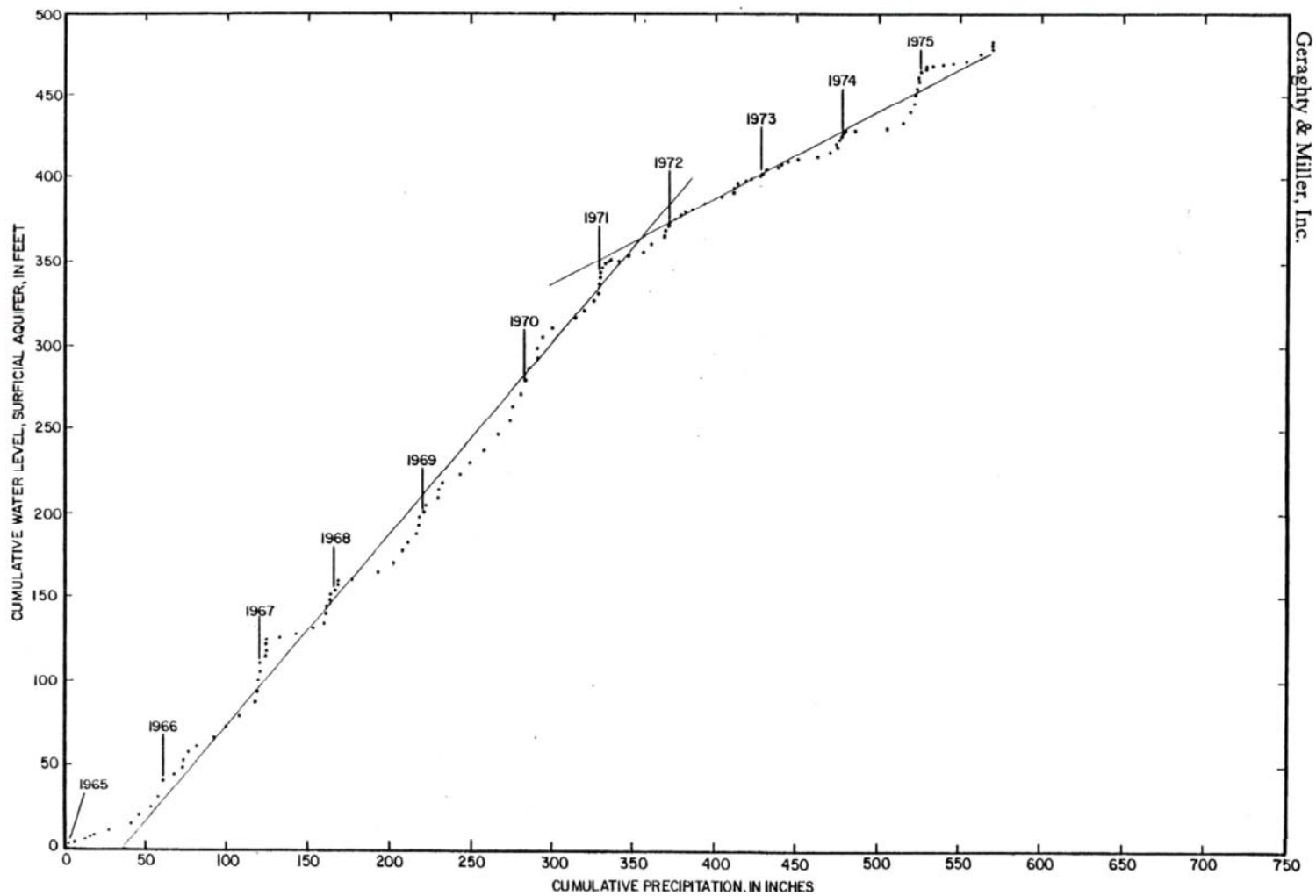
Source: Geraghty & Miller Highlands Ridge Hydrologic Investigation, Sept. 1980, prepared for the Peace River Basin Board and SWFWMD.

Figure D-10. Double-Mass Curve of Precipitation at Avon Park versus Water Levels in Lake Jackson, 1965 to 1975.



Source: Geraghty & Miller Highlands Ridge Hydrologic Investigation, Sept. 1980, prepared for the Peace River Basin Board and SWFWMD.

Figure D-11. Double-Mass Curve of Precipitation at DeSoto City Versus Discharge in Josephine Creek Near DeSoto City, 1965-1975.



Geraghty & Miller, Inc.

Source: Geraghty & Miller Highlands Ridge Hydrologic Investigation, Sept. 1980, prepared for the Peace River Basin Board and SWFWMD.

Figure D-12. Double-Mass Curve of Precipitation at Avon Park Versus Water Levels in Surficial Aquifer Well W-8 Near Sebring, 1965-1975.

Appendix E

**1932-2000 PEACE RIVER AT ARCADIA RAIN VERSUS TIME ANALYSES
(POLYNOMIAL)**

1932-2000 PEACE RIVER AT ARCADIA RAIN VERSUS TIME ANALYSES (POLYNOMIAL)

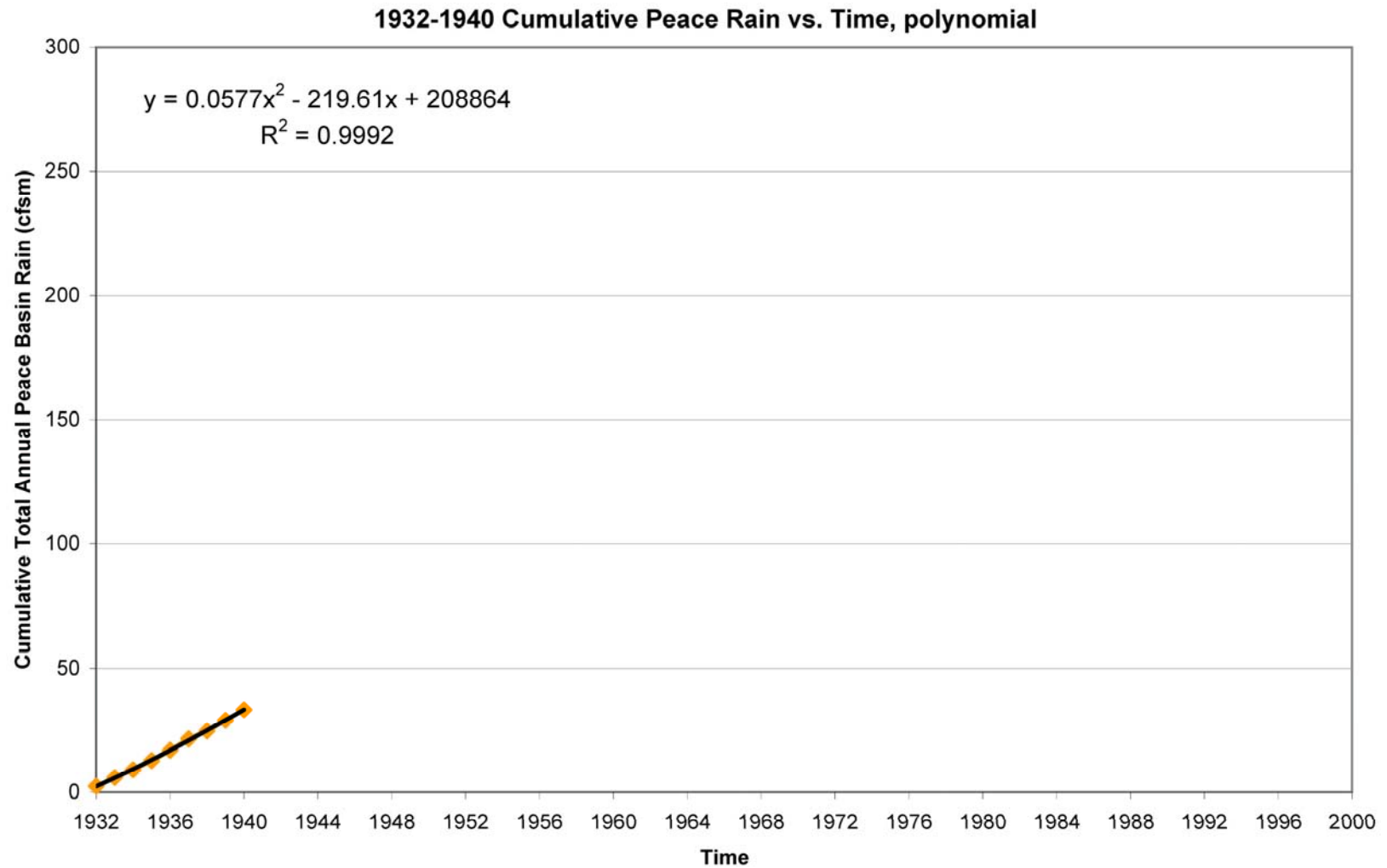


Figure E-1. Cumulative Peace Rain (cfsm) Versus Time, 1932-1940 (Polynomial).

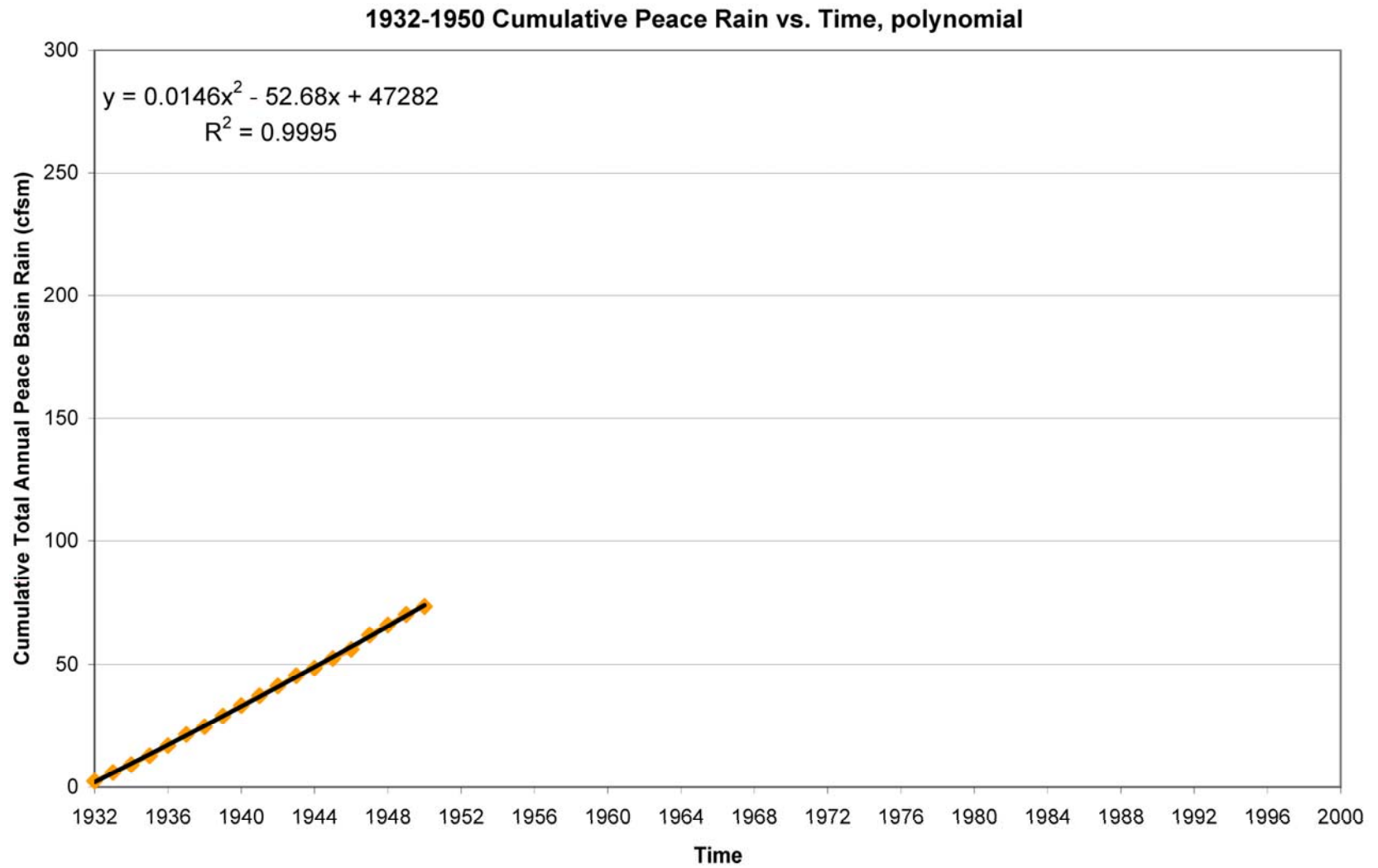


Figure E-2. Cumulative Peace Rain (cfsm) Versus Time, 1932-1950 (Polynomial).

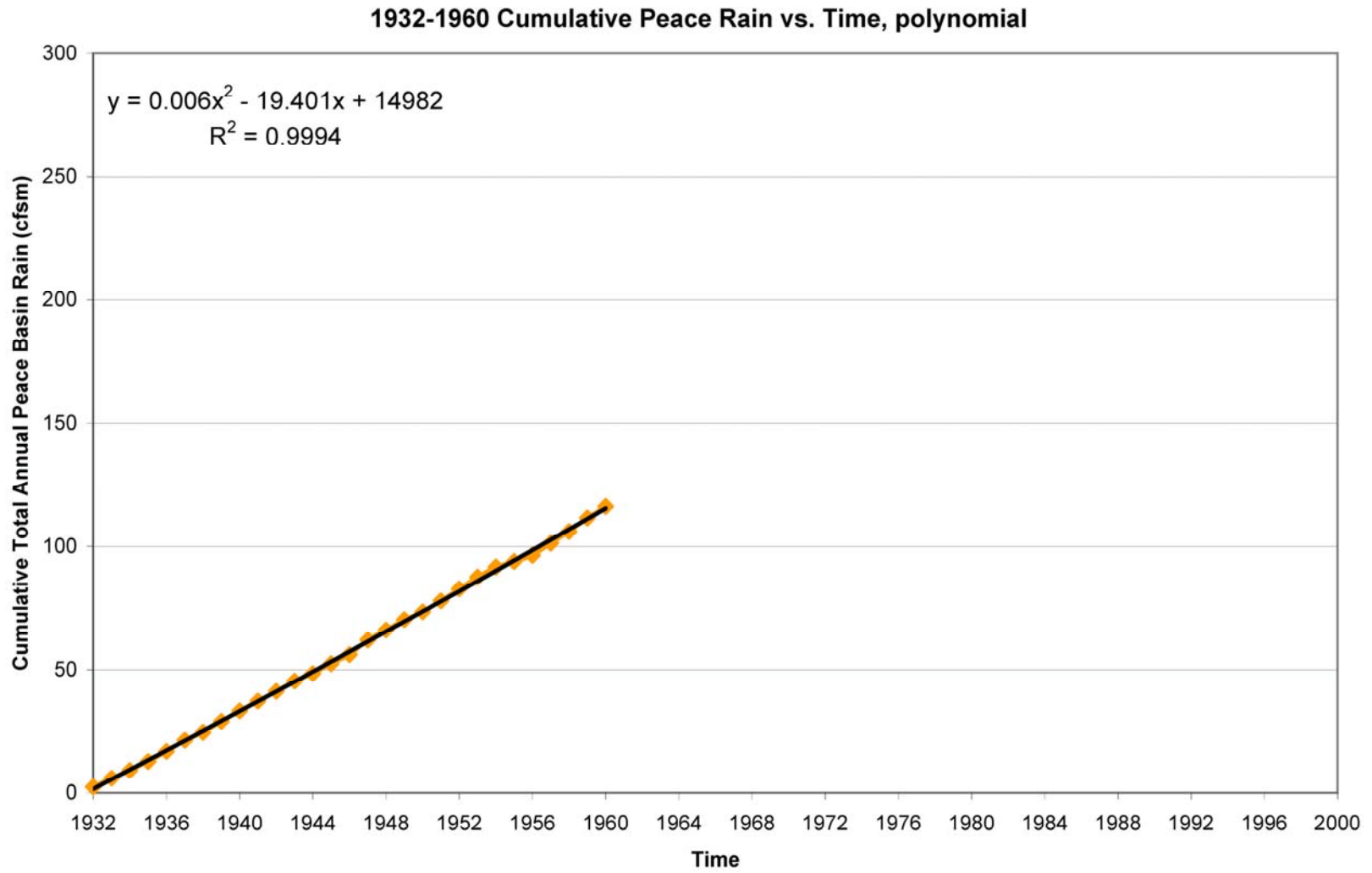


Figure E-3. Cumulative Peace Rain (cfsm) Versus Time, 1932-1960 (Polynomial).

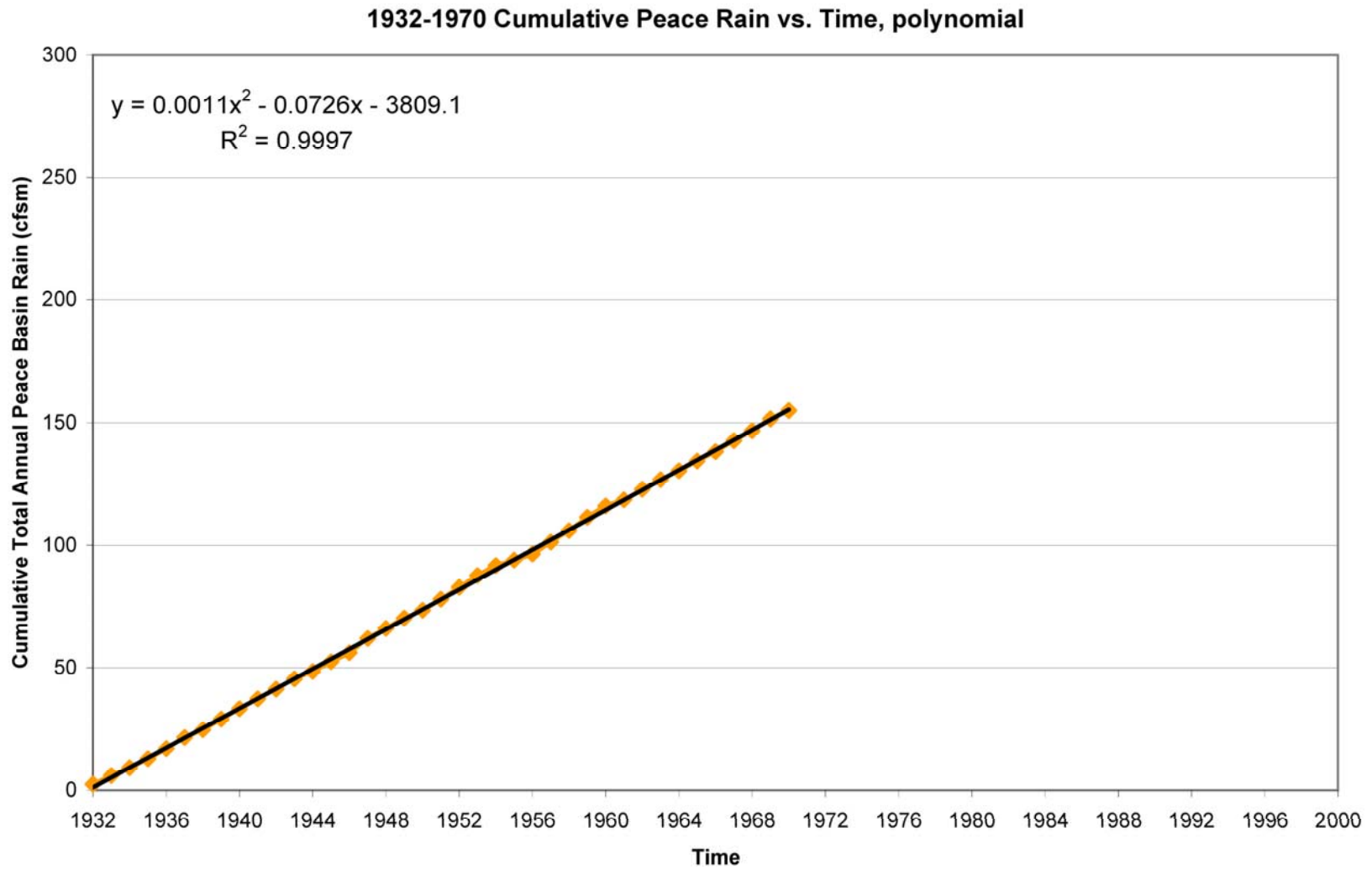


Figure E-4. Cumulative Peace Rain (cfsm) Versus Time, 1932-1970 (Polynomial).

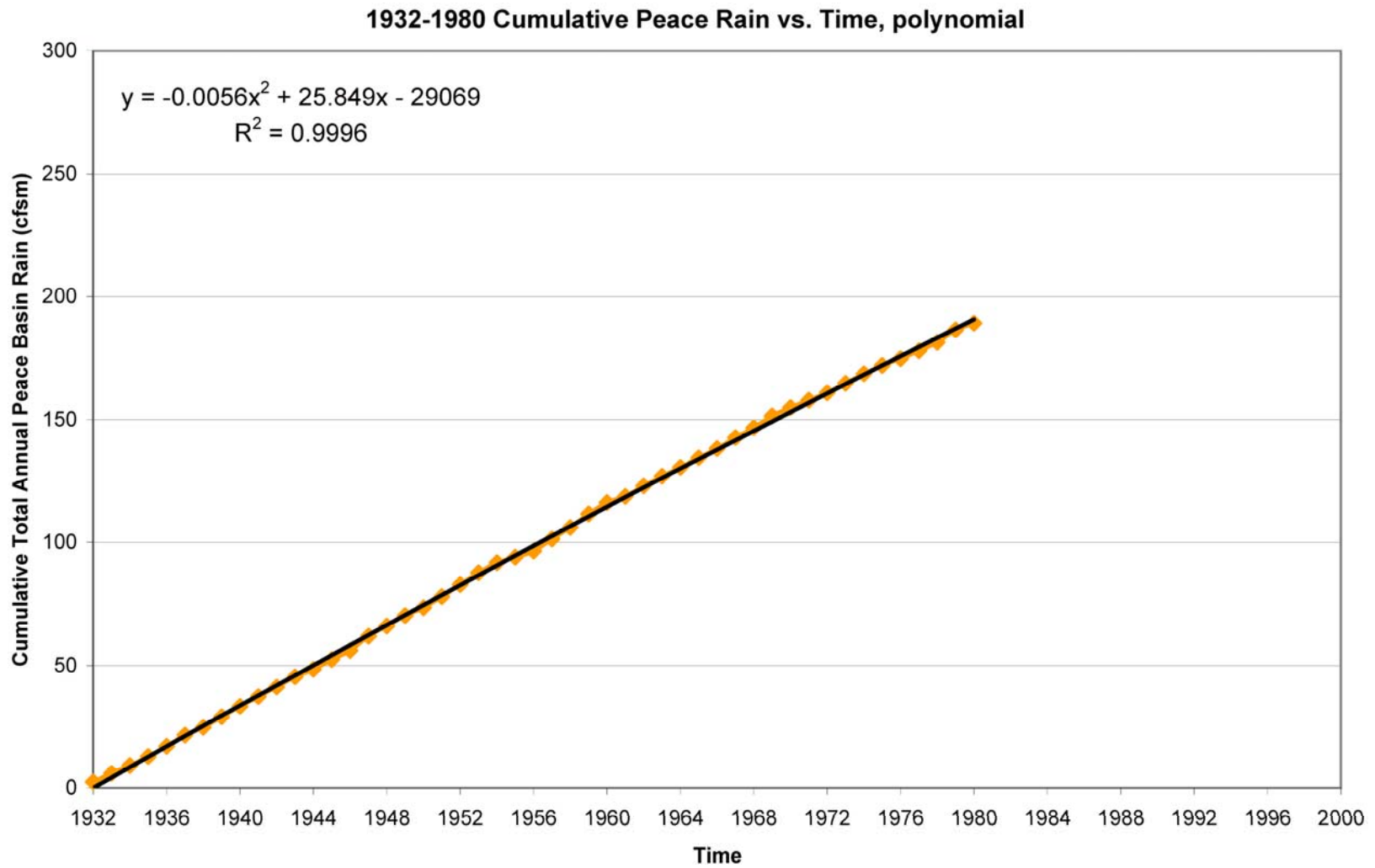


Figure E-5. Cumulative Peace Rain (cfsm) Versus Time, 1932-1980 (Polynomial).

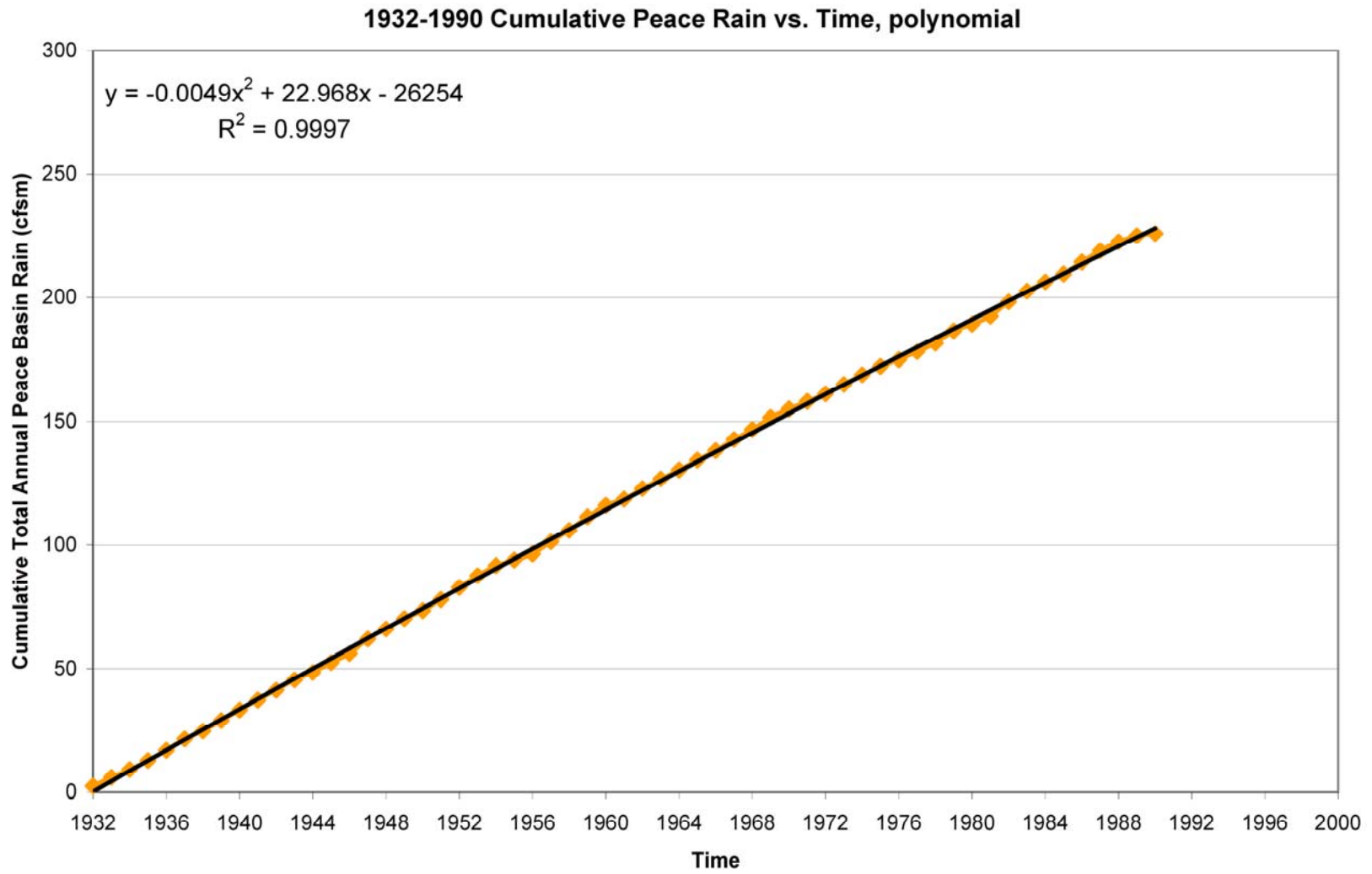


Figure E-6. Cumulative Peace Rain (cfsm) Versus Time, 1932-1990 (Polynomial).

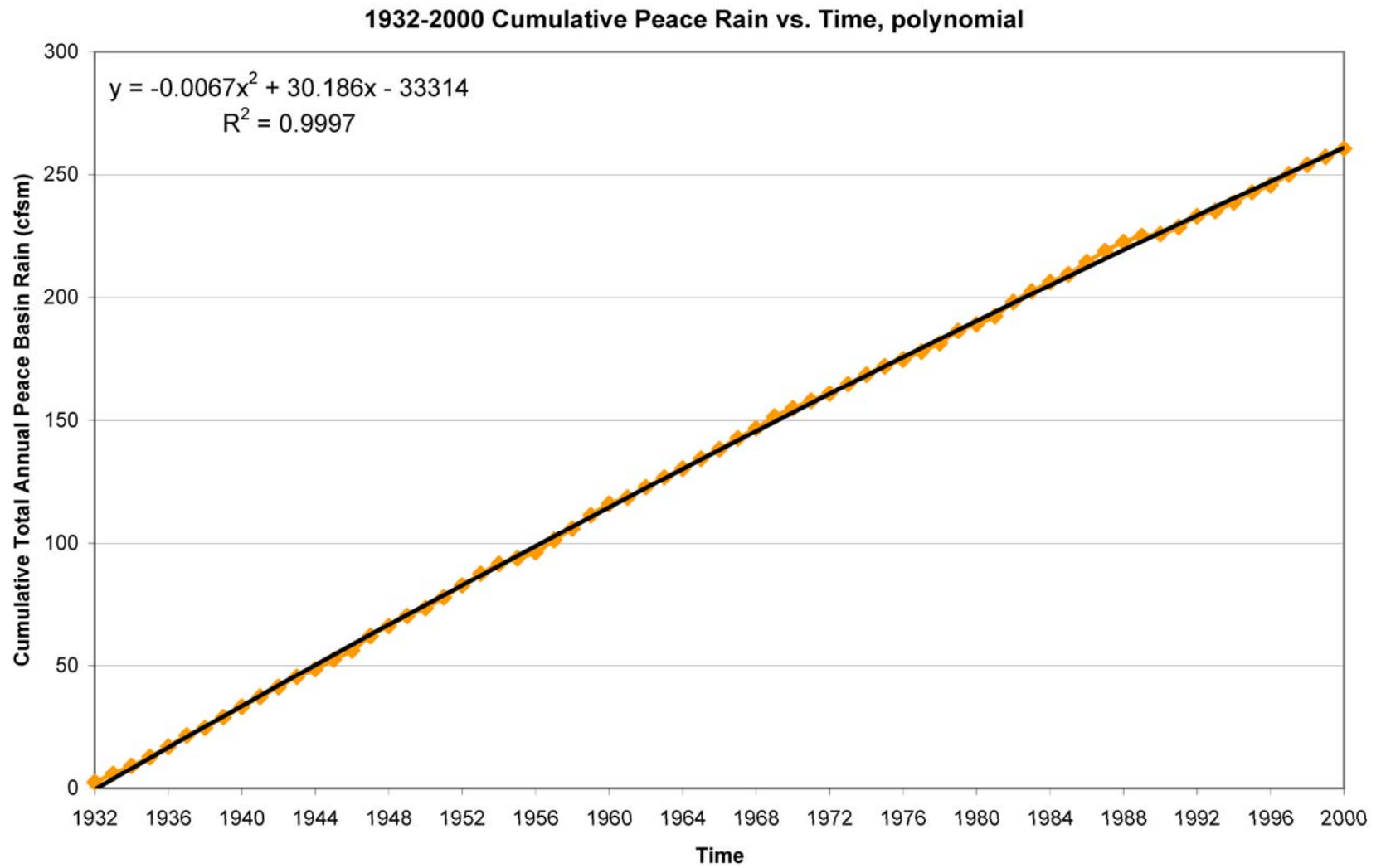


Figure E-7. Cumulative Peace Rain (cfsm) Versus Time, 1932-2000 (Polynomial).

Appendix F

1932-2000 PEACE RIVER AT ARCADIA STREAMFLOW VERSUS TIME ANALYSES (POLYNOMIAL)

1932-2000 PEACE RIVER AT ARCADIA STREAMFLOW VERSUS TIME ANALYSES (POLYNOMIAL)

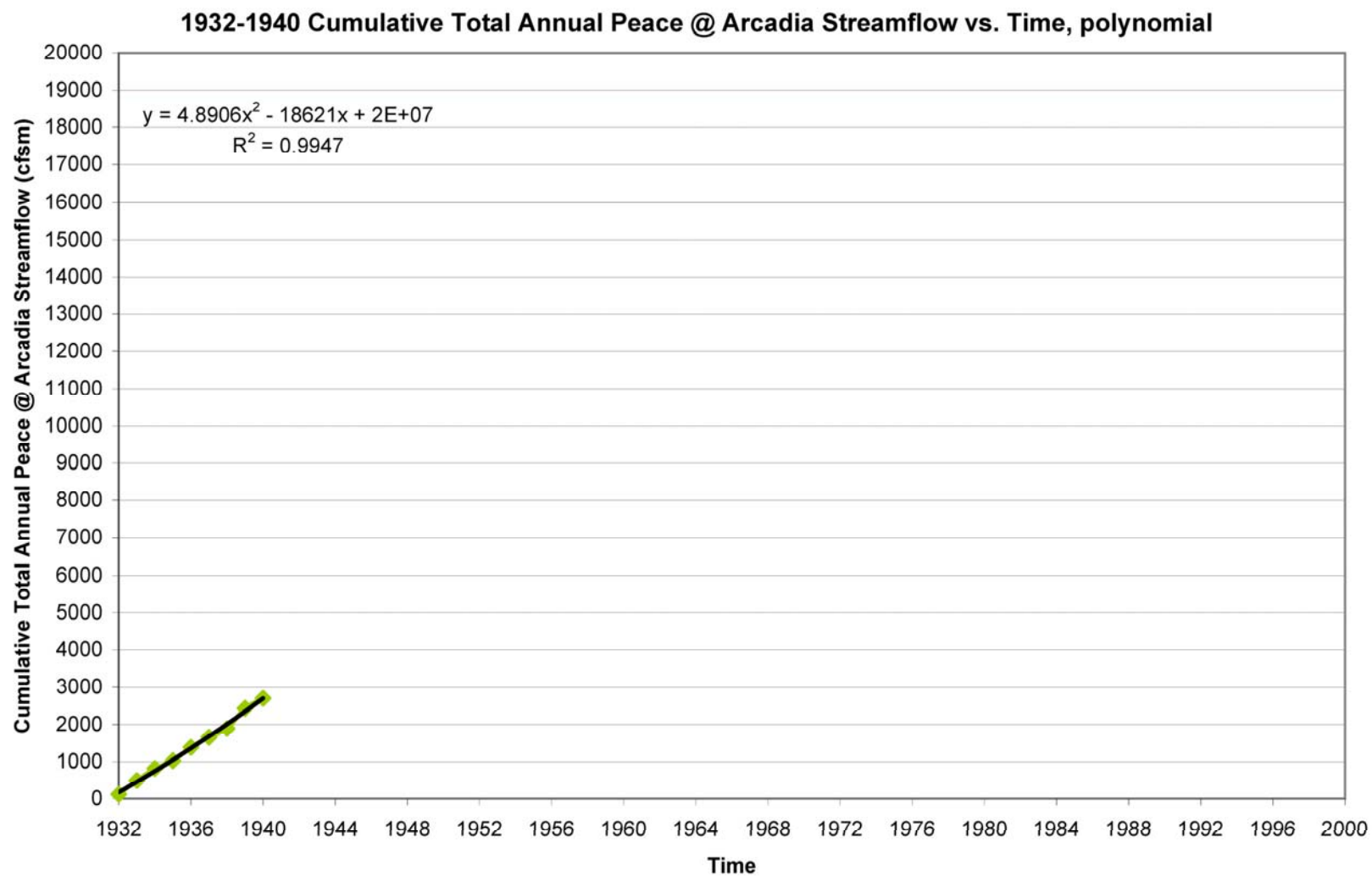


Figure F-1. Cumulative Peace Streamflow (cfsm) Versus Time, 1932-1940 (Polynomial).

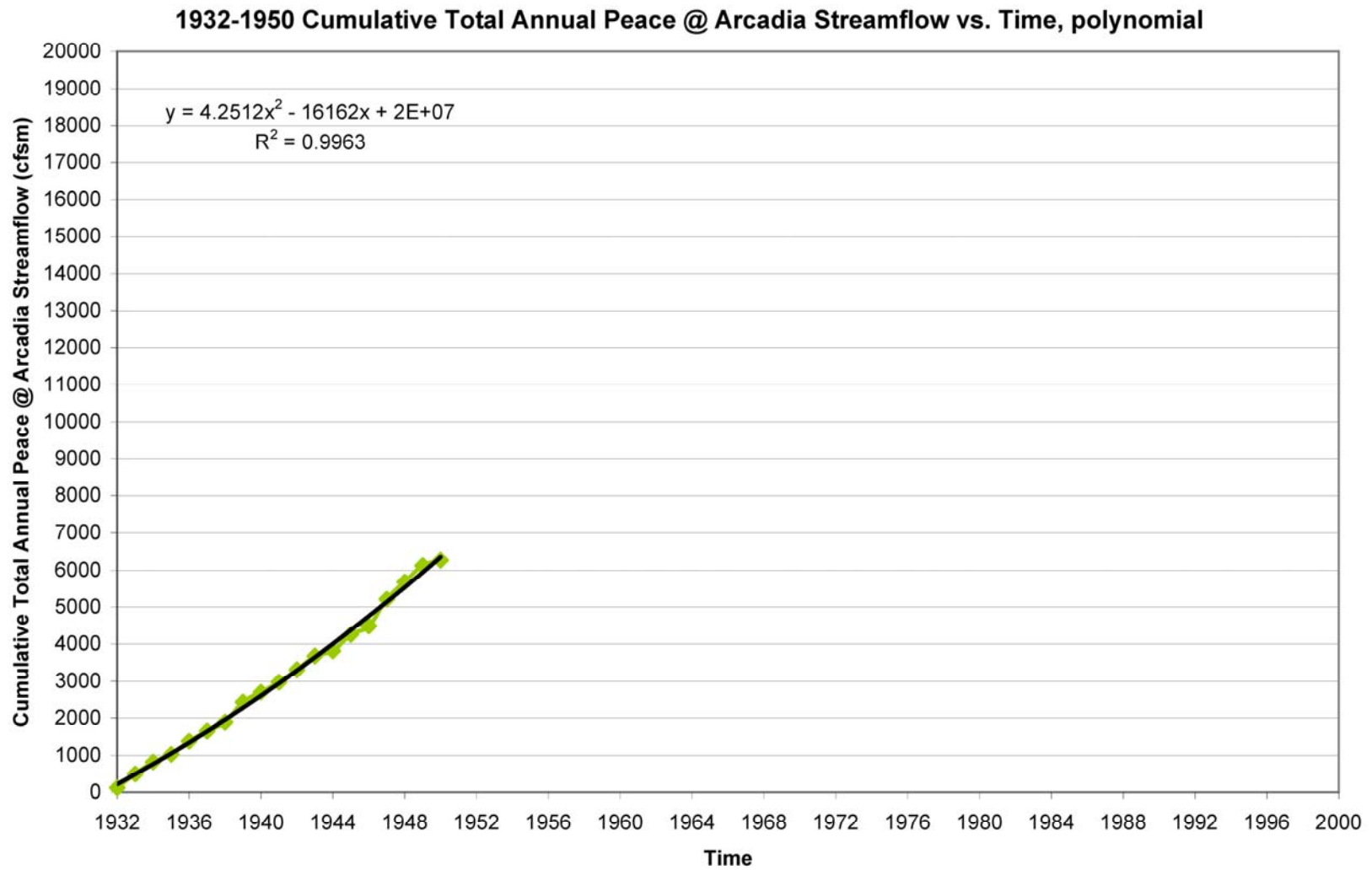


Figure F-2. Cumulative Peace Streamflow (cfsm) Versus Time, 1932-1950 (Polynomial).

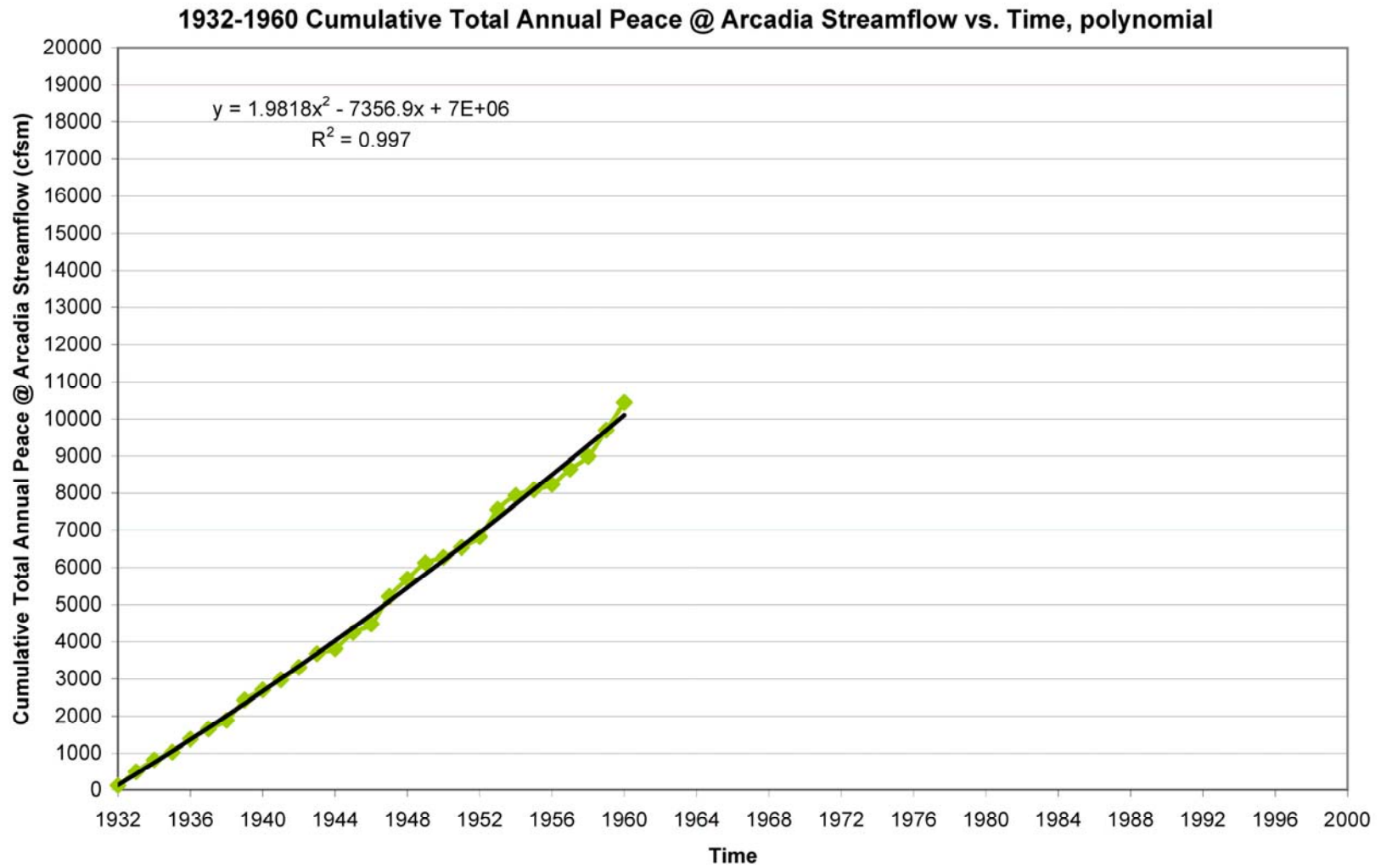


Figure F-3. Cumulative Peace Streamflow (cfsm) Versus Time, 1932-1960 (Polynomial).

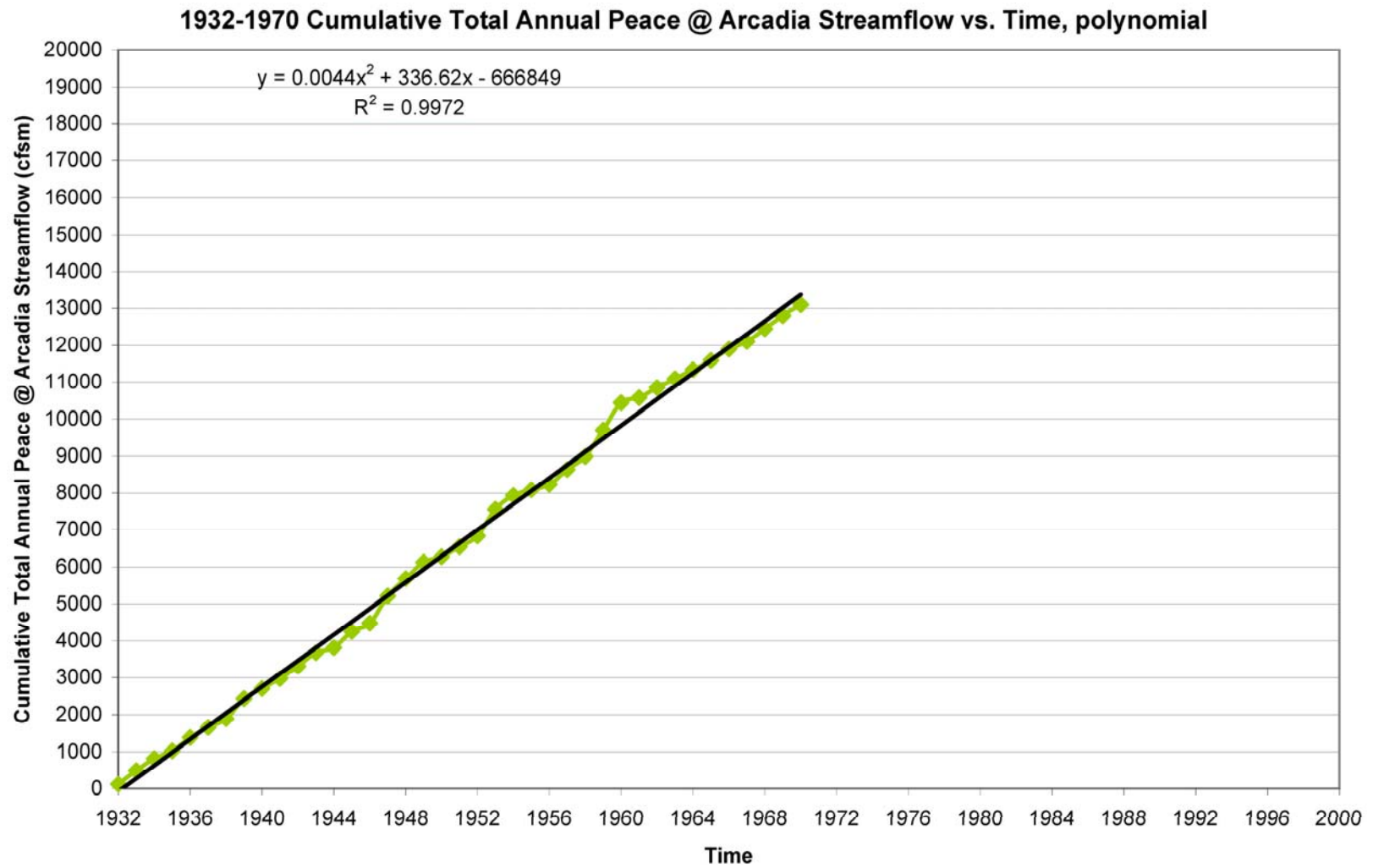


Figure F-4. Cumulative Peace Streamflow (cfsm) Versus Time, 1932-1970 (Polynomial).

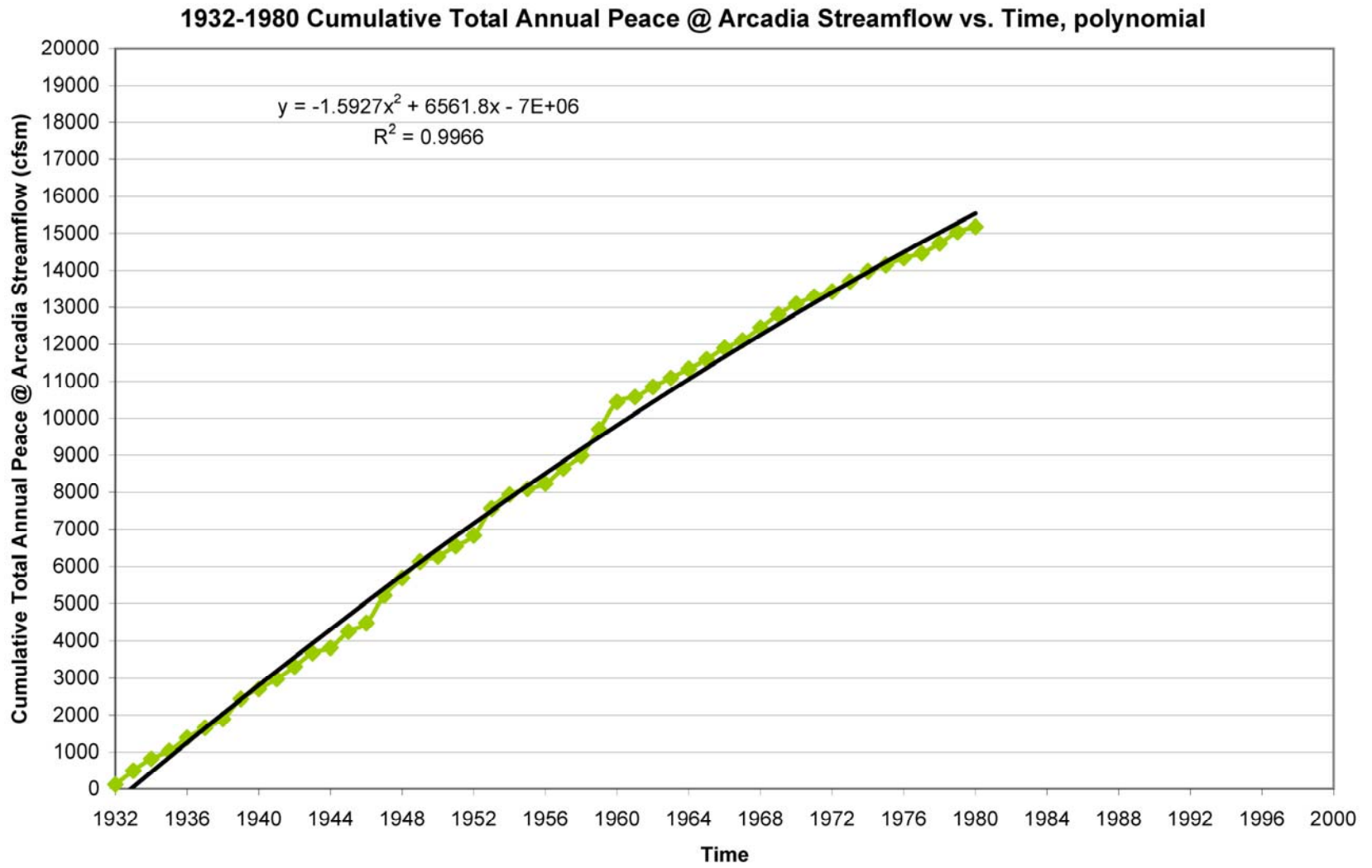


Figure F-5. Cumulative Peace Streamflow (cfsm) Versus Time, 1932-1980 (Polynomial).

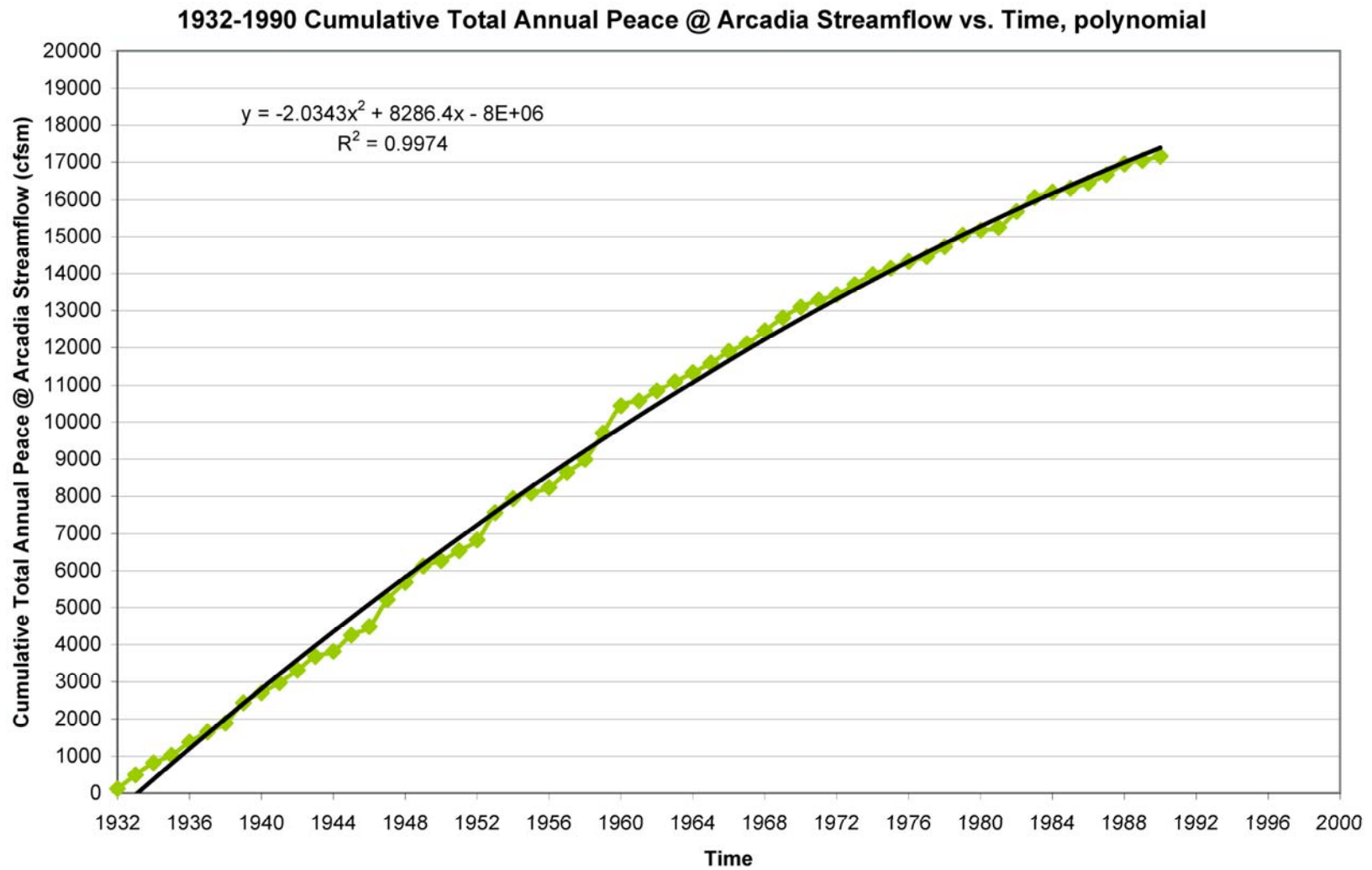


Figure F-6. Cumulative Peace Streamflow (cfsm) Versus Time, 1932-1990 (Polynomial).

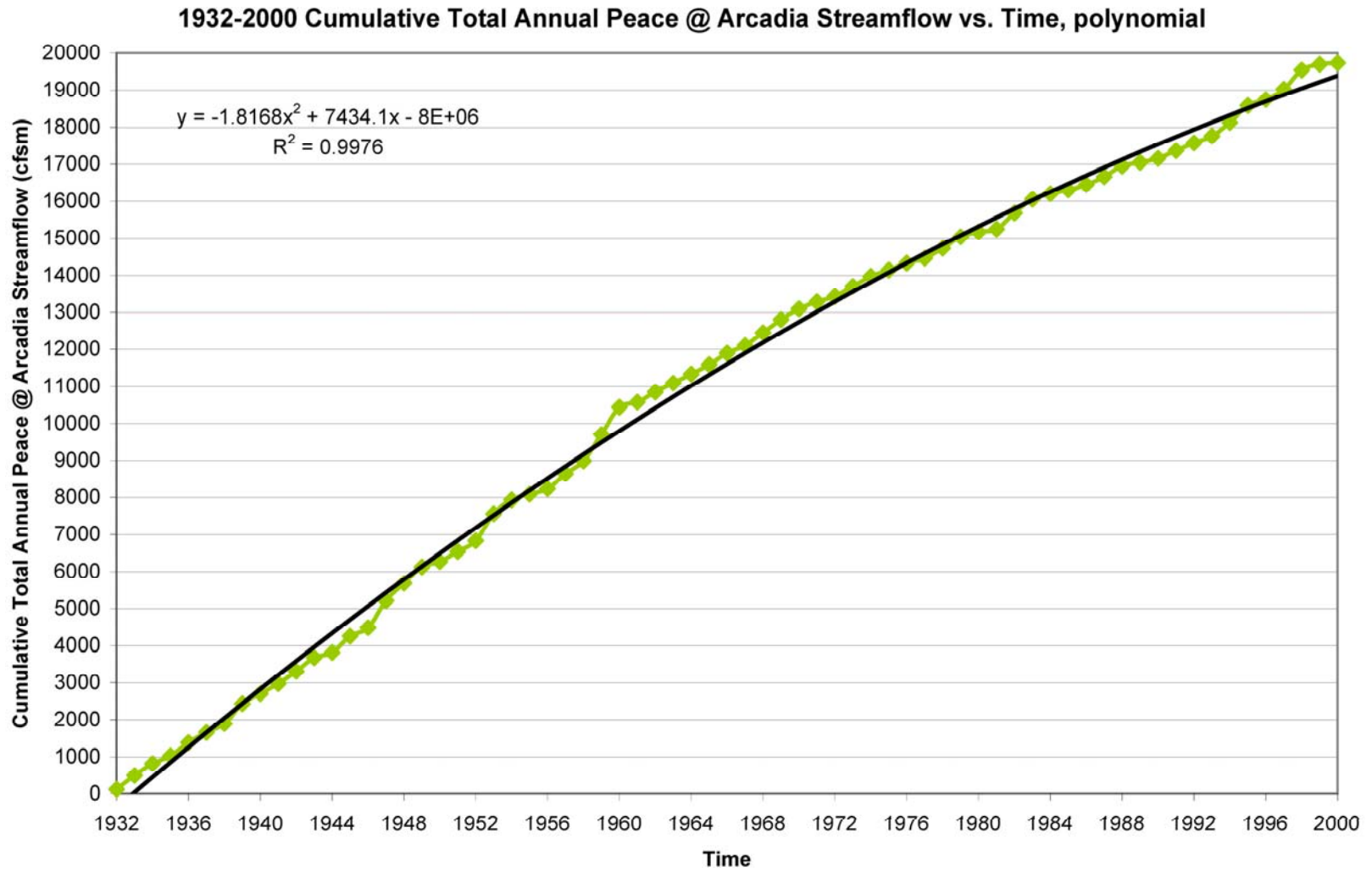


Figure F-7. Cumulative Peace Streamflow (cfsm) Versus Time, 1932-2000 (Polynomial).

Appendix G

1932-2000 PEACE RIVER AT ARCADIA STREAMFLOW VERSUS RAIN INCREMENTAL ANALYSES (POLYNOMIAL)

**1932-2000 PEACE RIVER AT ARCADIA STREAMFLOW VERSUS RAIN INCREMENTAL ANALYSES
(POLYNOMIAL)**

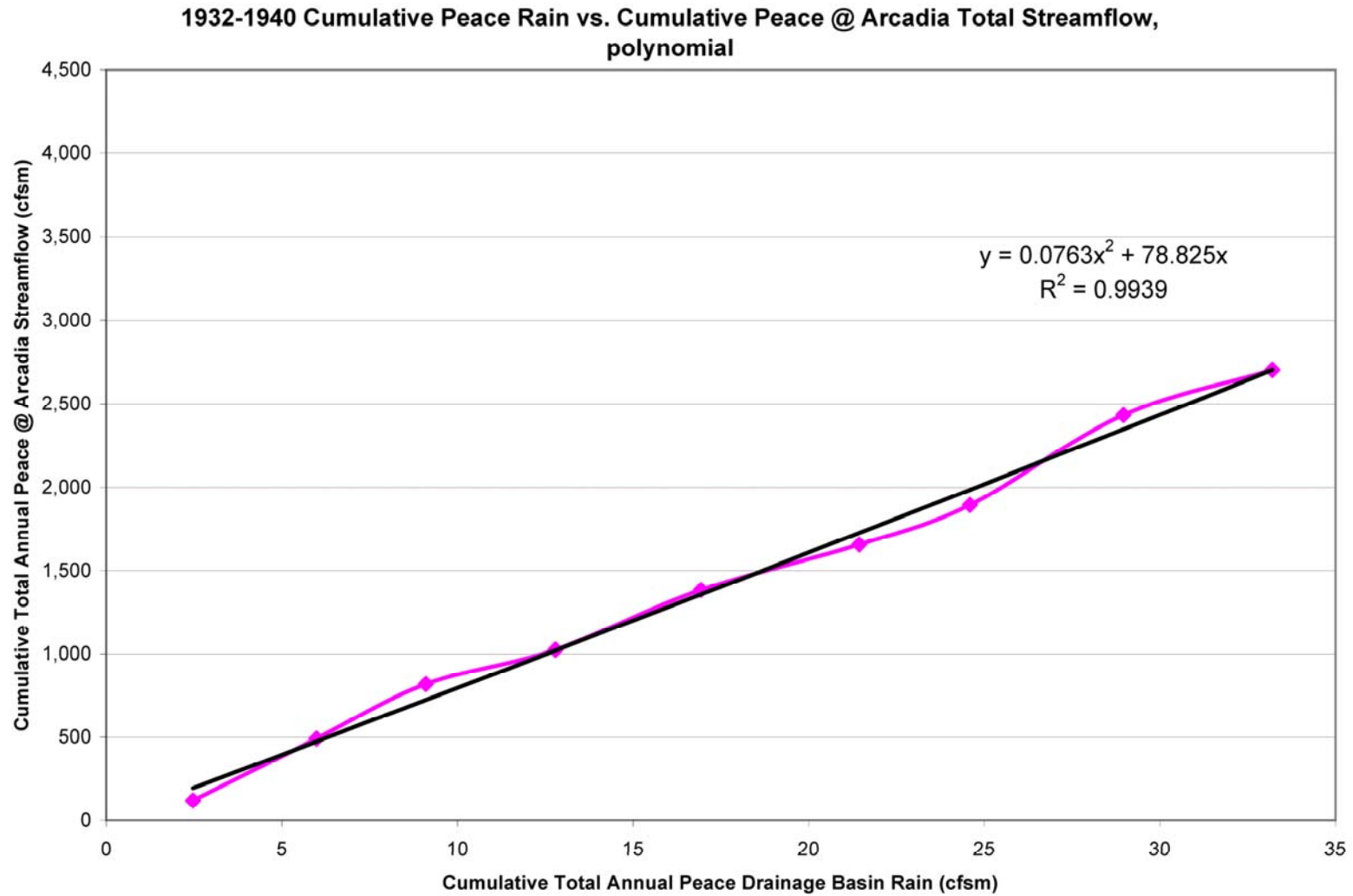


Figure G-1. Cumulative Peace Streamflow Versus Rain (cfsm), 1932-1940 (Polynomial).

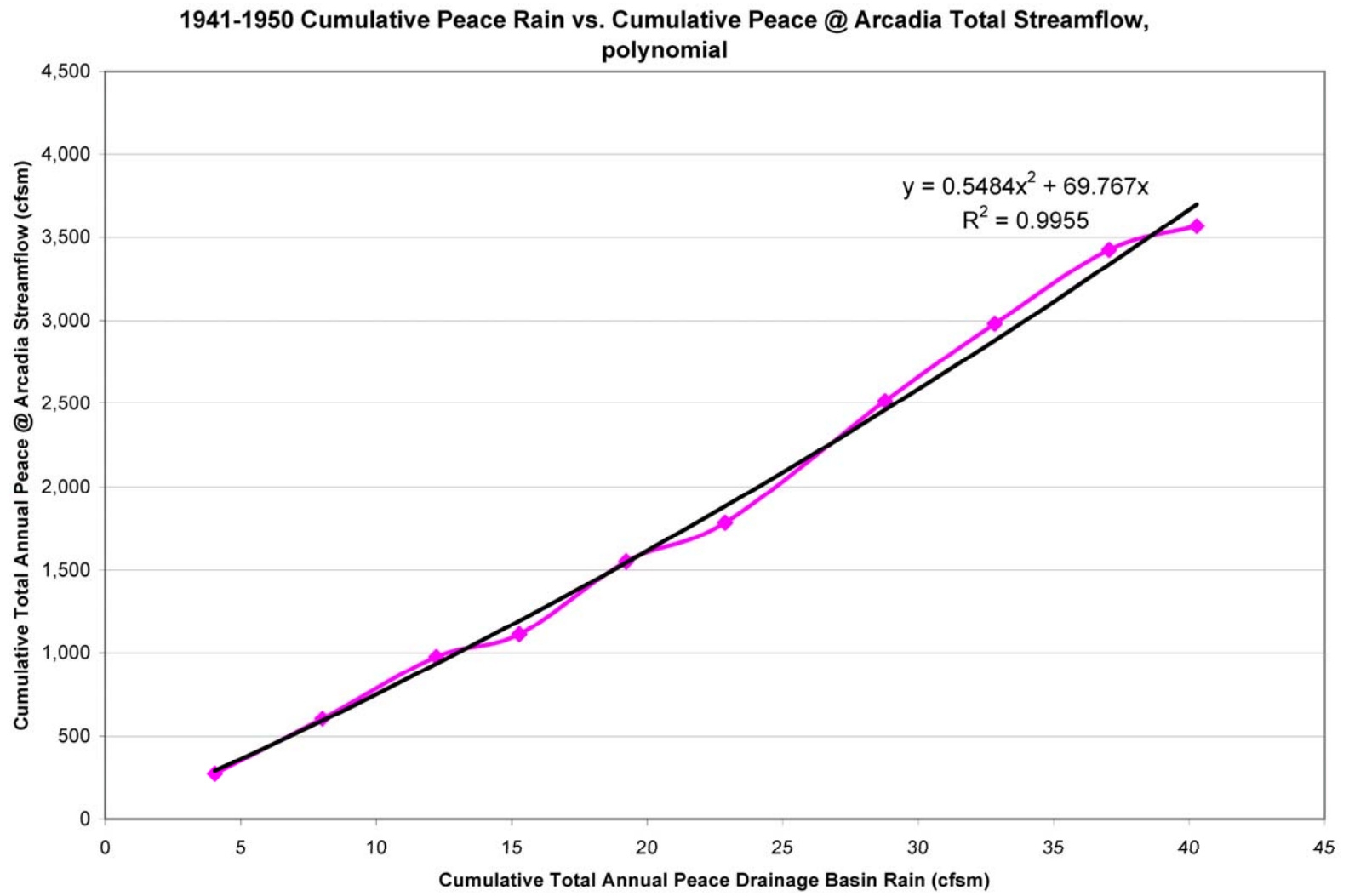


Figure G-2. Cumulative Peace Streamflow Versus Rain (cfsm), 1941-1950 (Polynomial).

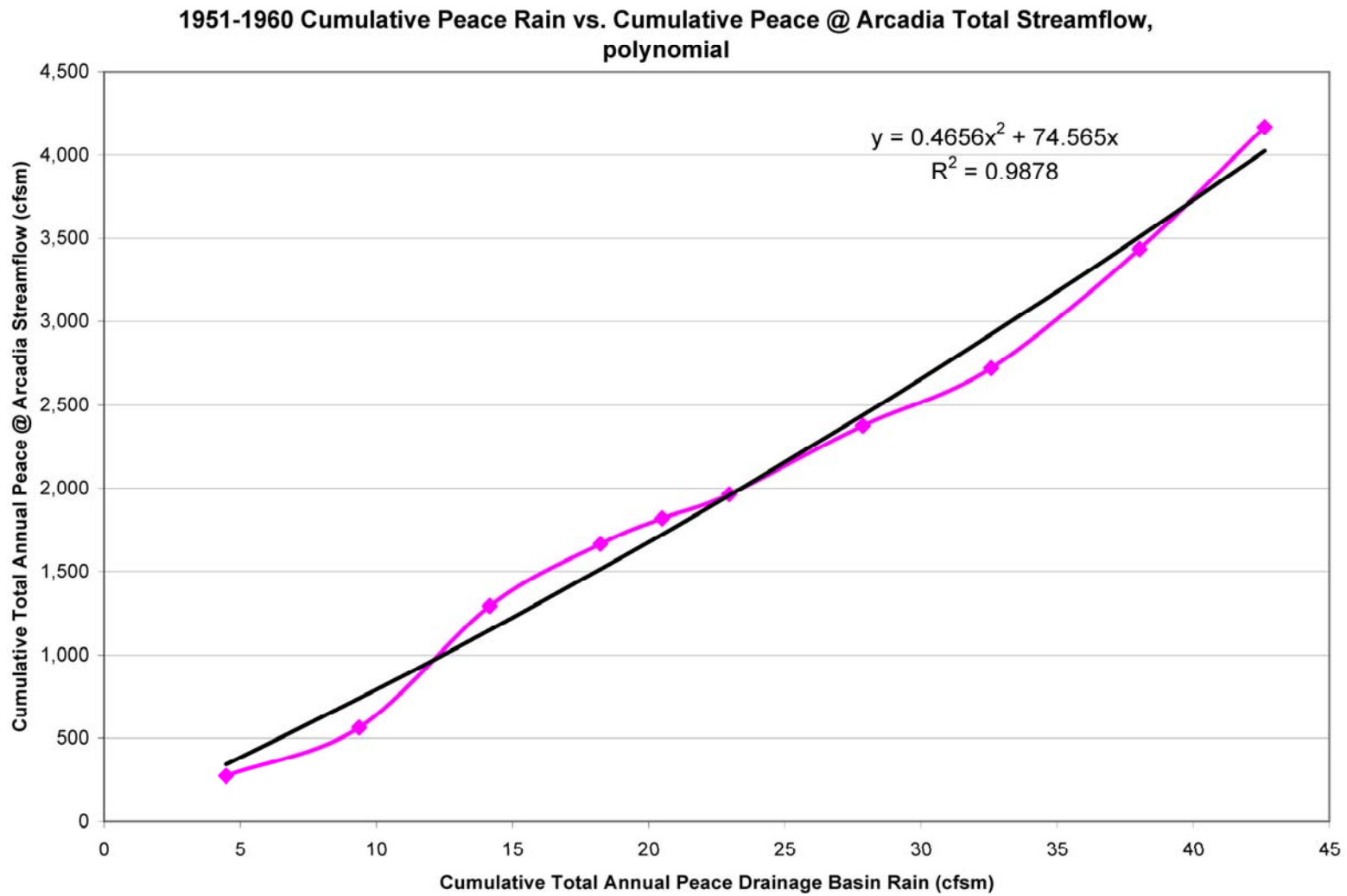


Figure G-3. Cumulative Peace Streamflow Versus Rain (cfsm), 1951-1960 (Polynomial).

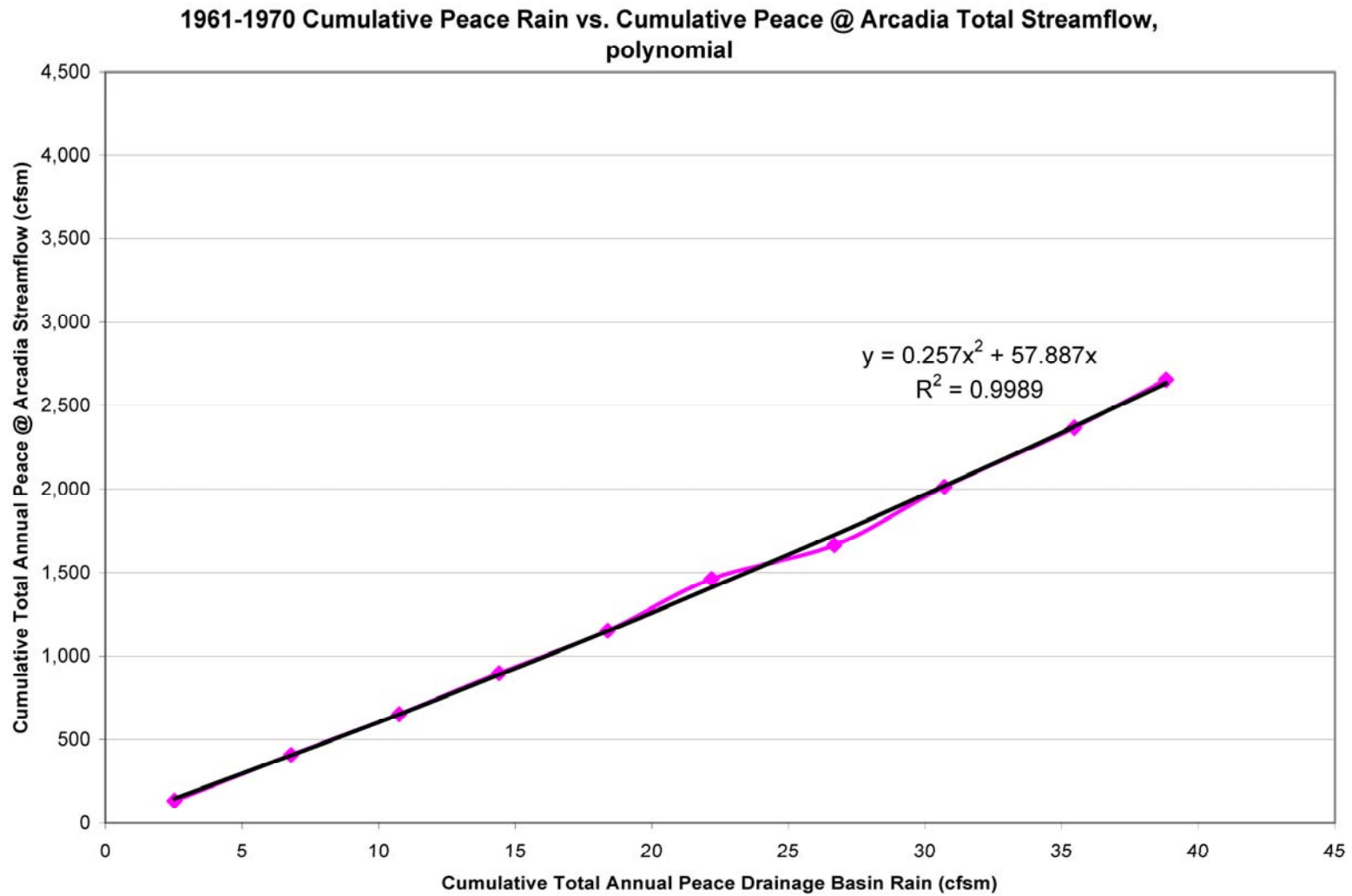


Figure G-4. Cumulative Peace Streamflow Versus Rain (cfsm), 1961-1970 (Polynomial).



Figure G-5. Cumulative Peace Streamflow Versus Rain (cfsm), 1971-1980 (Polynomial).

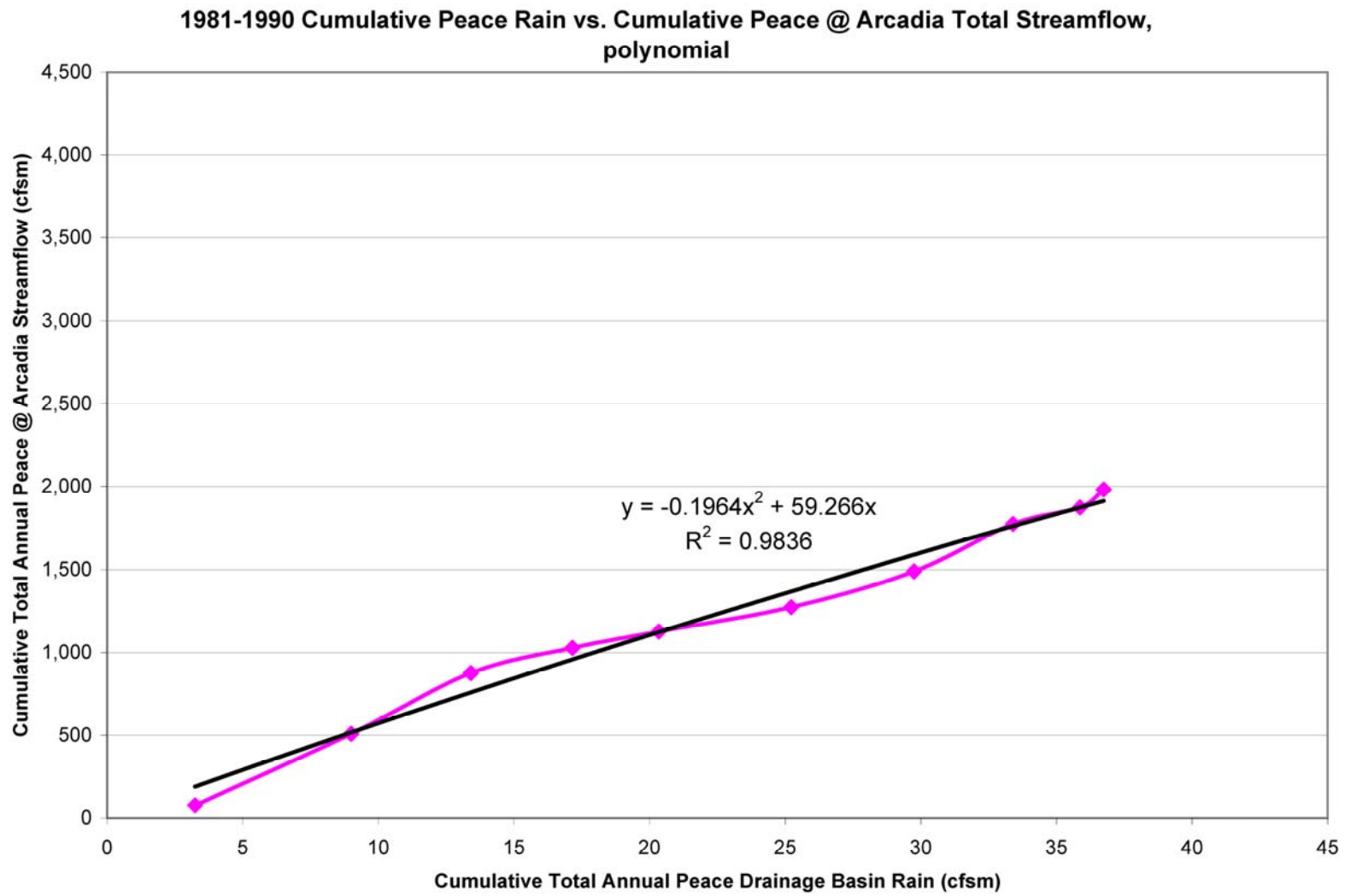


Figure G-6. Cumulative Peace Streamflow Versus Rain (cfsm), 1981-1990 (Polynomial).

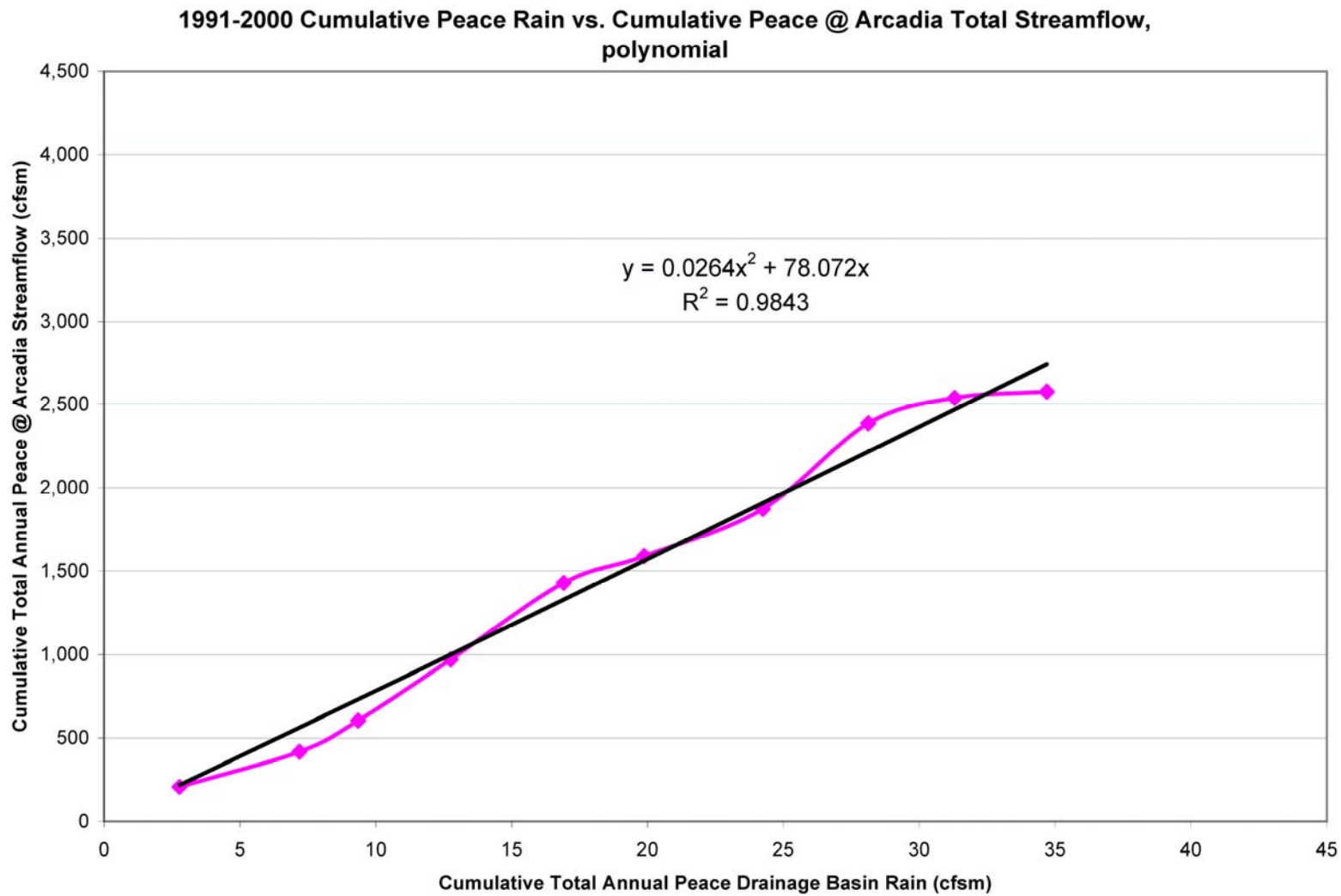


Figure G-7. Cumulative Peace Streamflow Versus Rain (cfsm), 1991-2000 (Polynomial).

Appendix H

1980-2000 MAJOR BASINS AND SUB-BASINS CUMULATIVE STREAMFLOW VERSUS RAIN ANALYSES (POLYNOMIAL AND LINEAR)

**1980-2000 MAJOR BASINS AND SUB-BASINS CUMULATIVE STREAMFLOW VERSUS RAIN ANALYSES
(POLYNOMIAL AND LINEAR)**

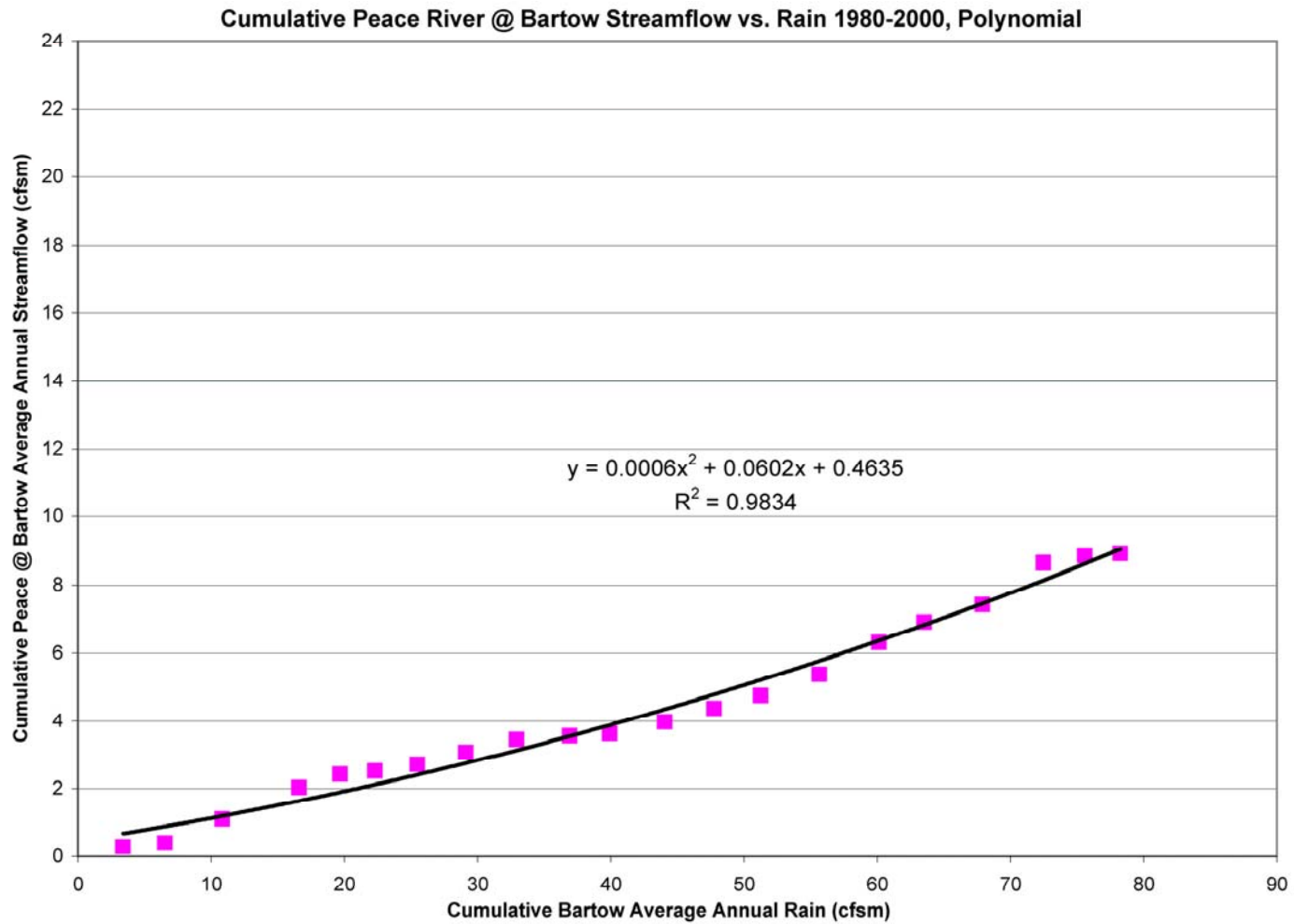


Figure H-1. Peace River @ Bartow Cumulative Rain Versus Streamflow (Polynomial).

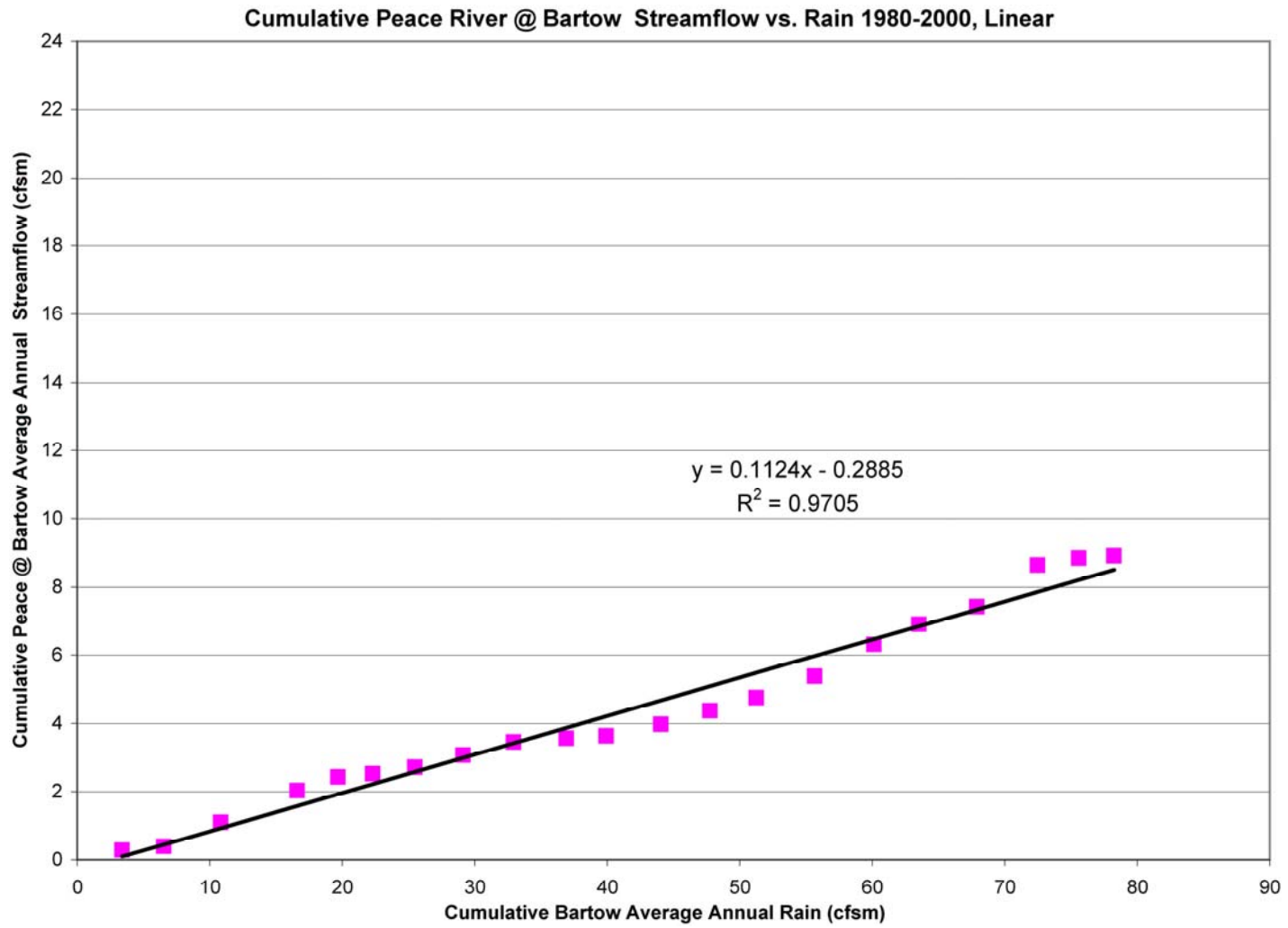


Figure H-2. Peace River @ Bartow Cumulative Rain Versus Streamflow (Linear).

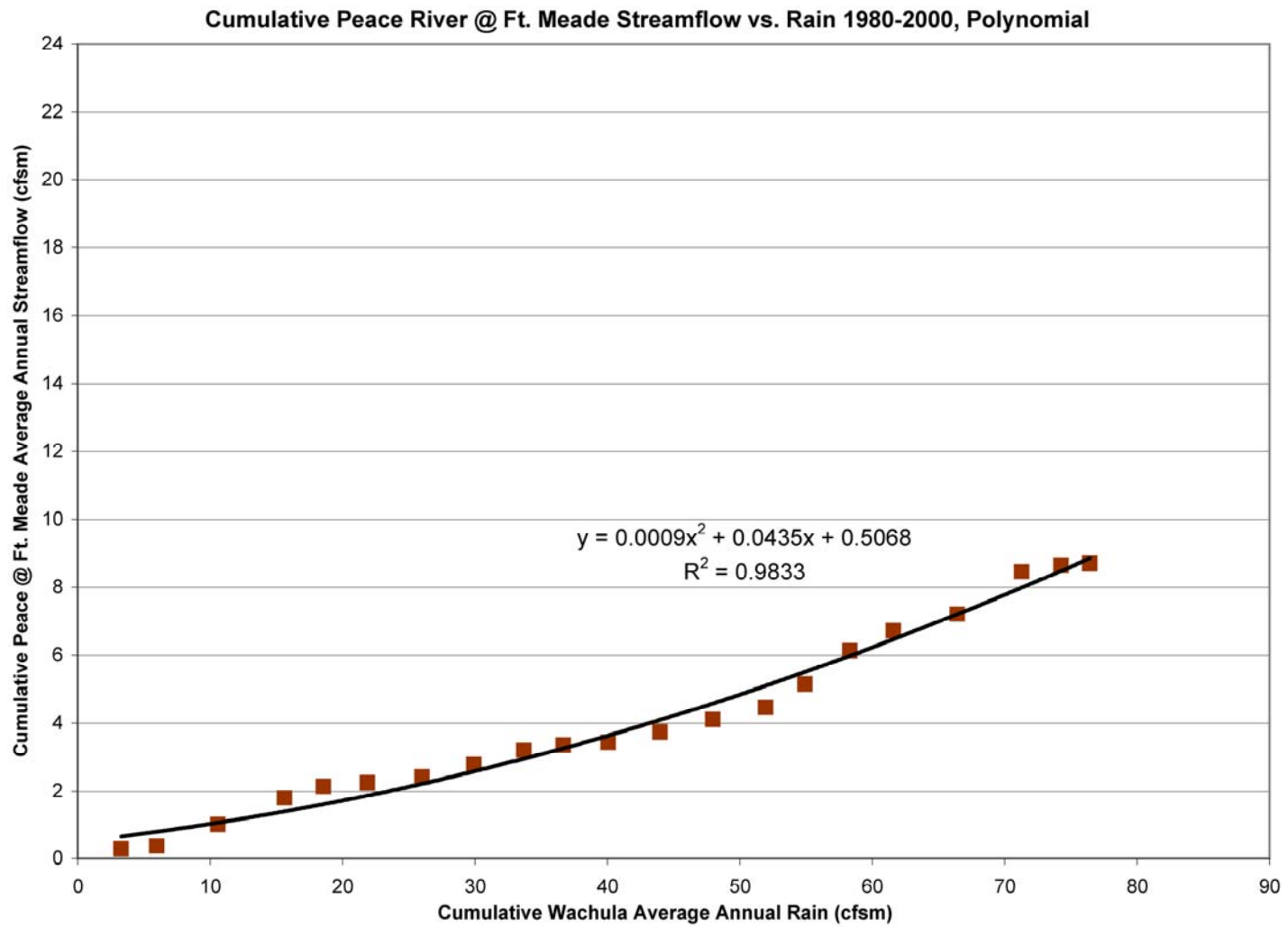


Figure H-3. Peace River @ Ft. Meade Cumulative Rain Versus Streamflow (Polynomial).

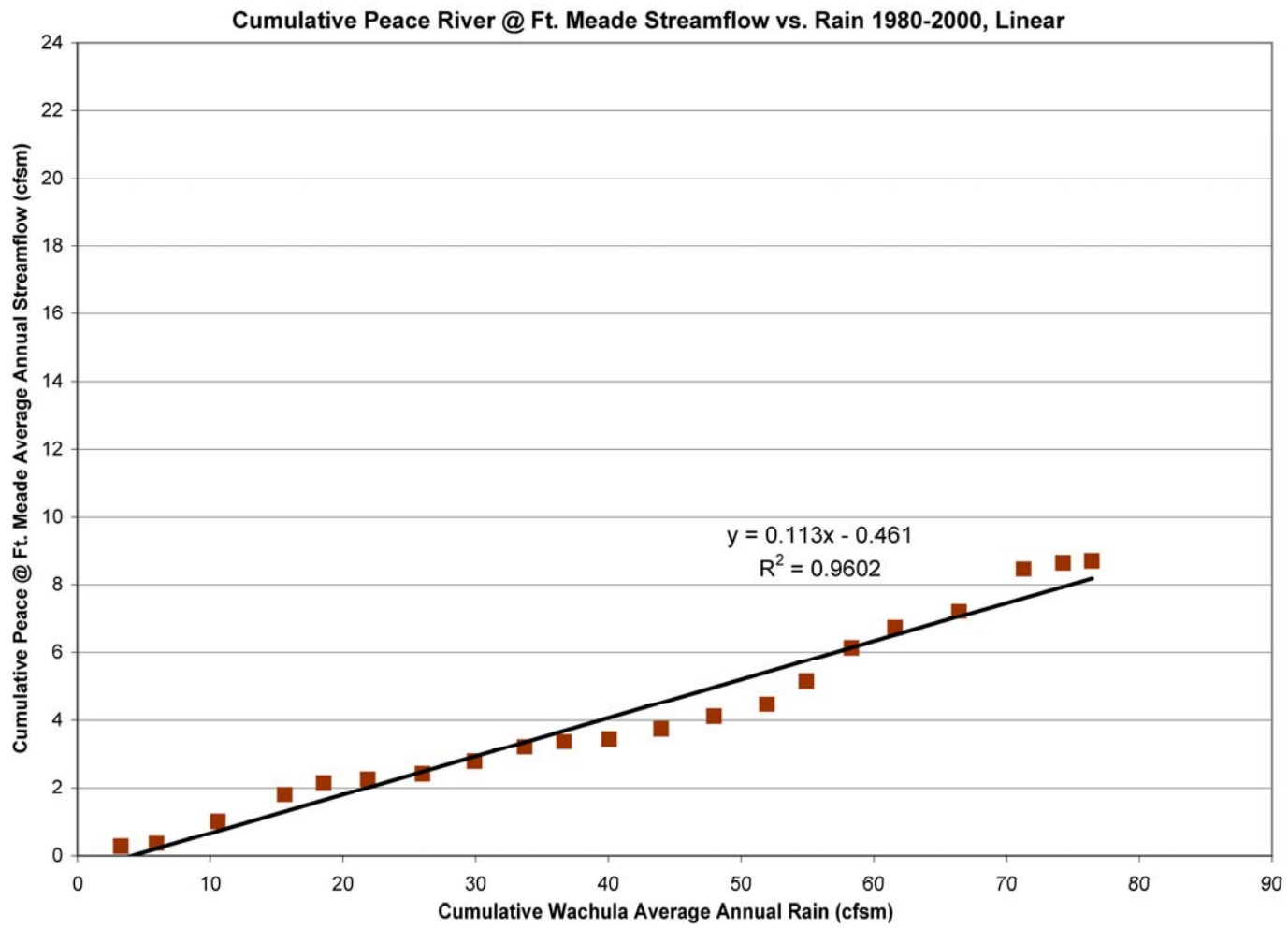


Figure H-4. Peace River @ Ft. Meade Cumulative Rain Versus Streamflow (Linear).

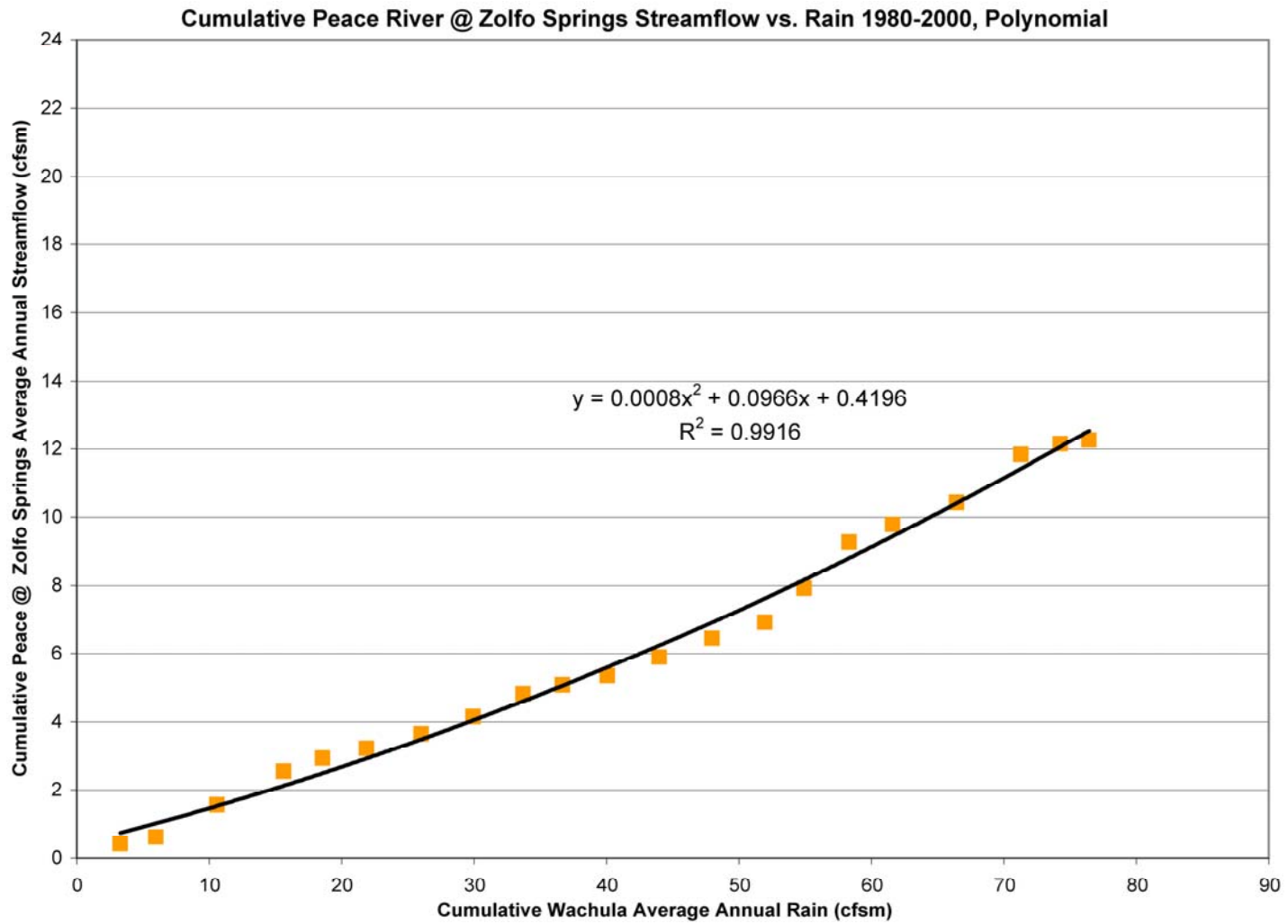


Figure H-5. Peace River @ Zolfo Springs Cumulative Rain Versus Streamflow (Polynomial).

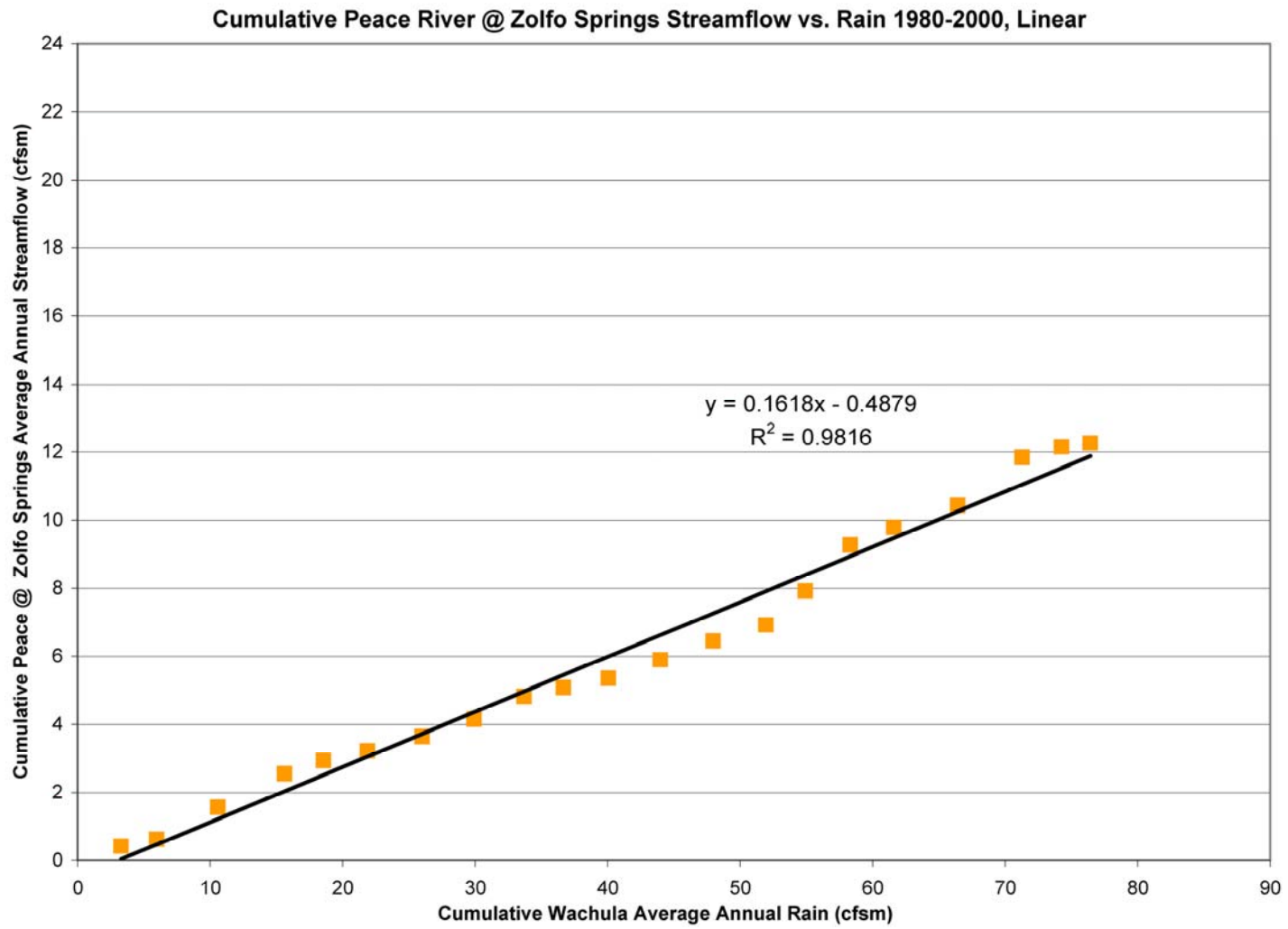


Figure H-6. Peace River @ Zolfo Springs Cumulative Rain Versus Streamflow (Linear).

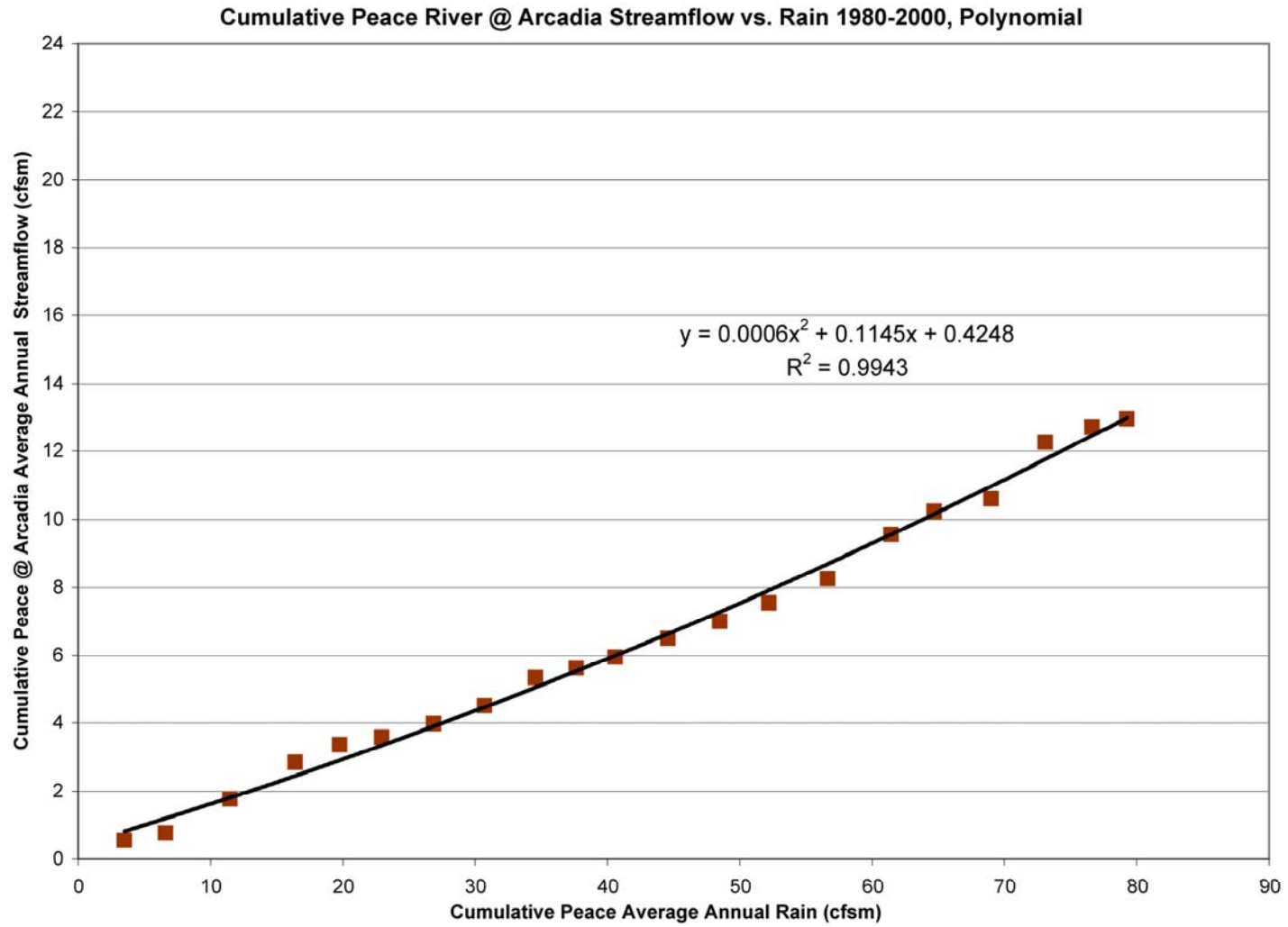


Figure H-7. Peace River @ Arcadia Cumulative Rain Versus Streamflow (Polynomial).



Figure H-8. Peace River @ Arcadia Cumulative Rain Versus Streamflow (Linear).

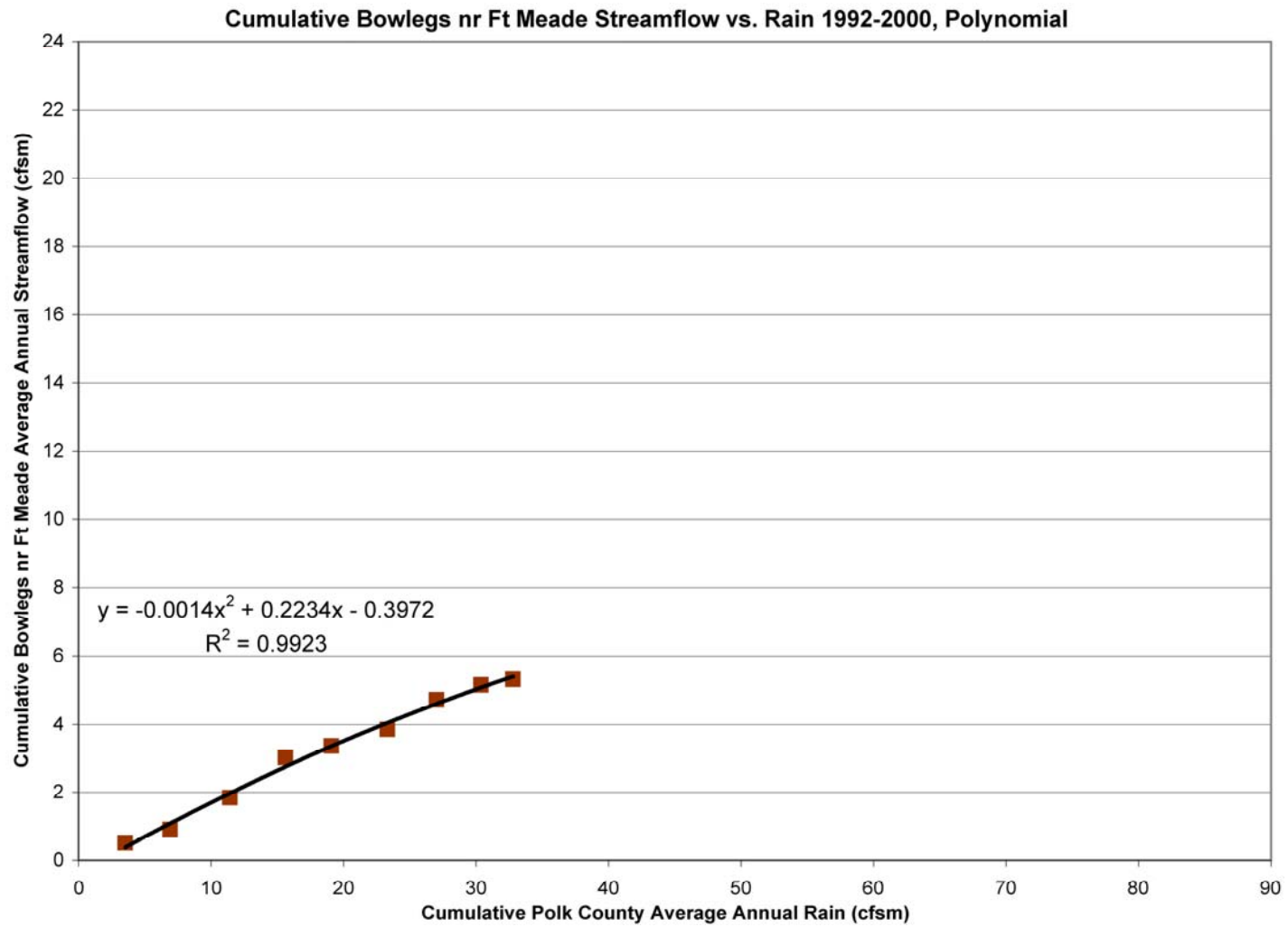


Figure H-9. Bowlegs Creek near Ft. Meade Cumulative Rain Versus Streamflow (Polynomial).

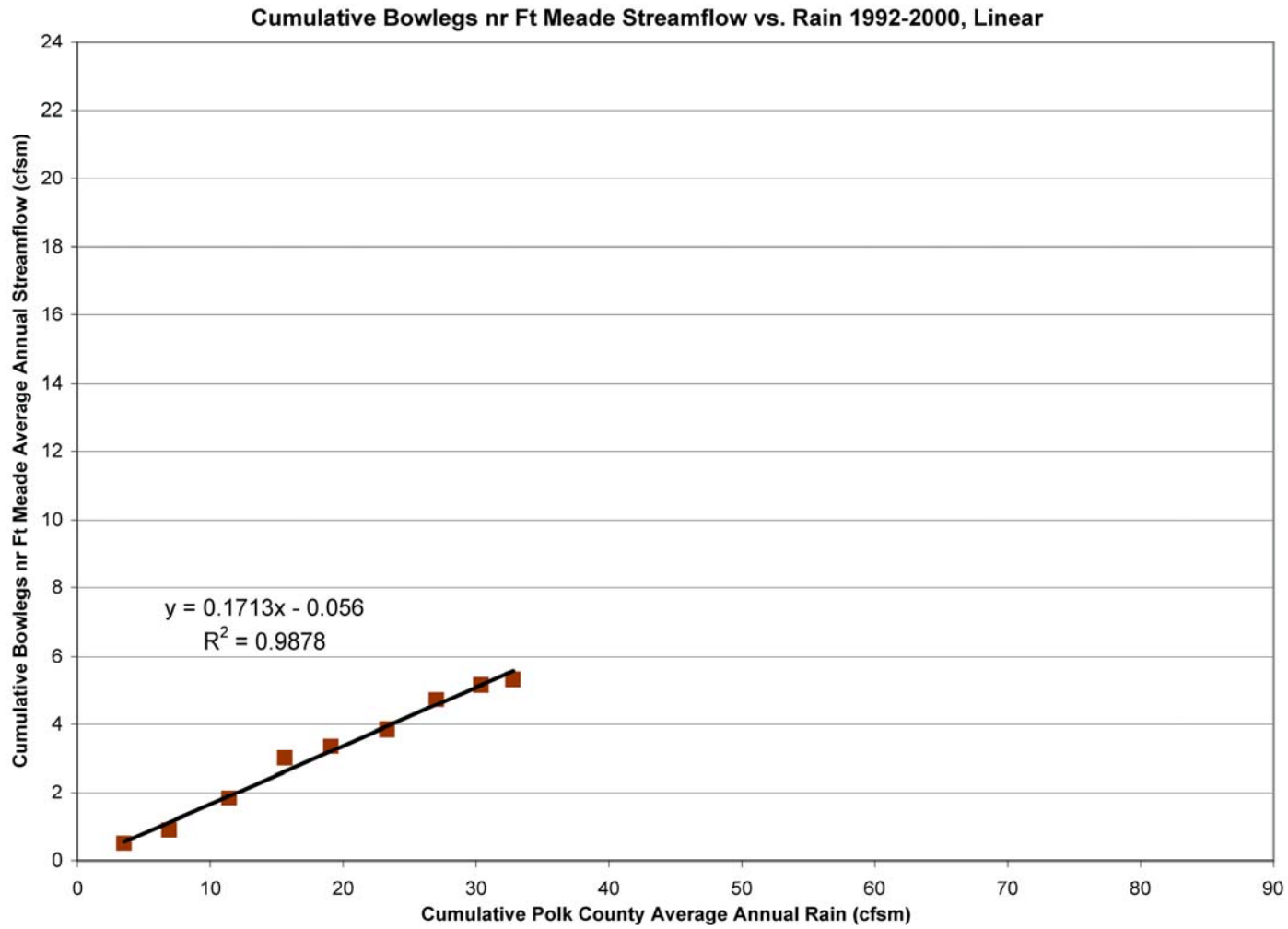


Figure H-10. Bowlegs Creek near Ft. Meade Cumulative Rain Versus Streamflow (Linear).

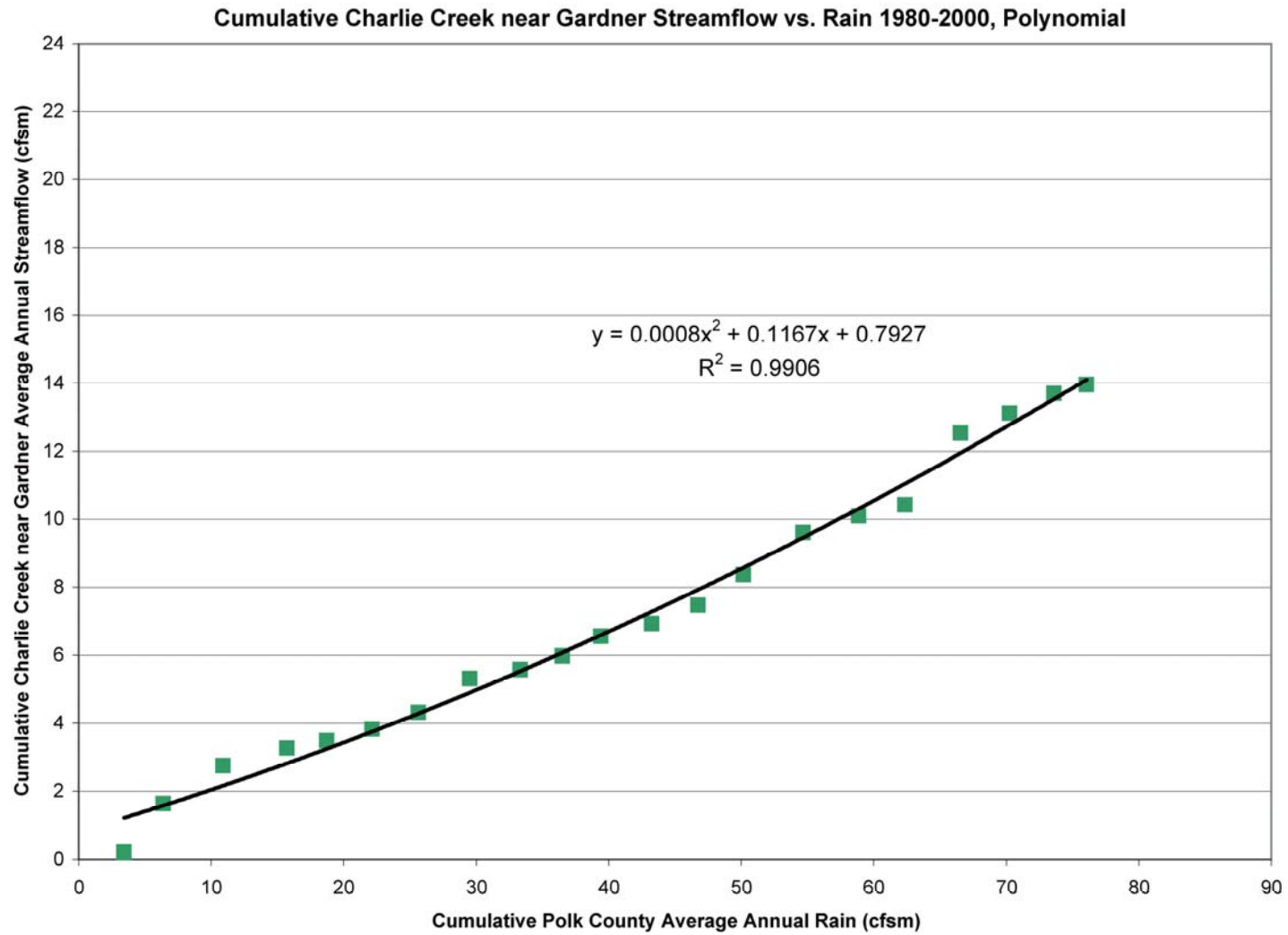


Figure H-11. Charlie Creek near Gardner Cumulative Rain Versus Streamflow (Polynomial).

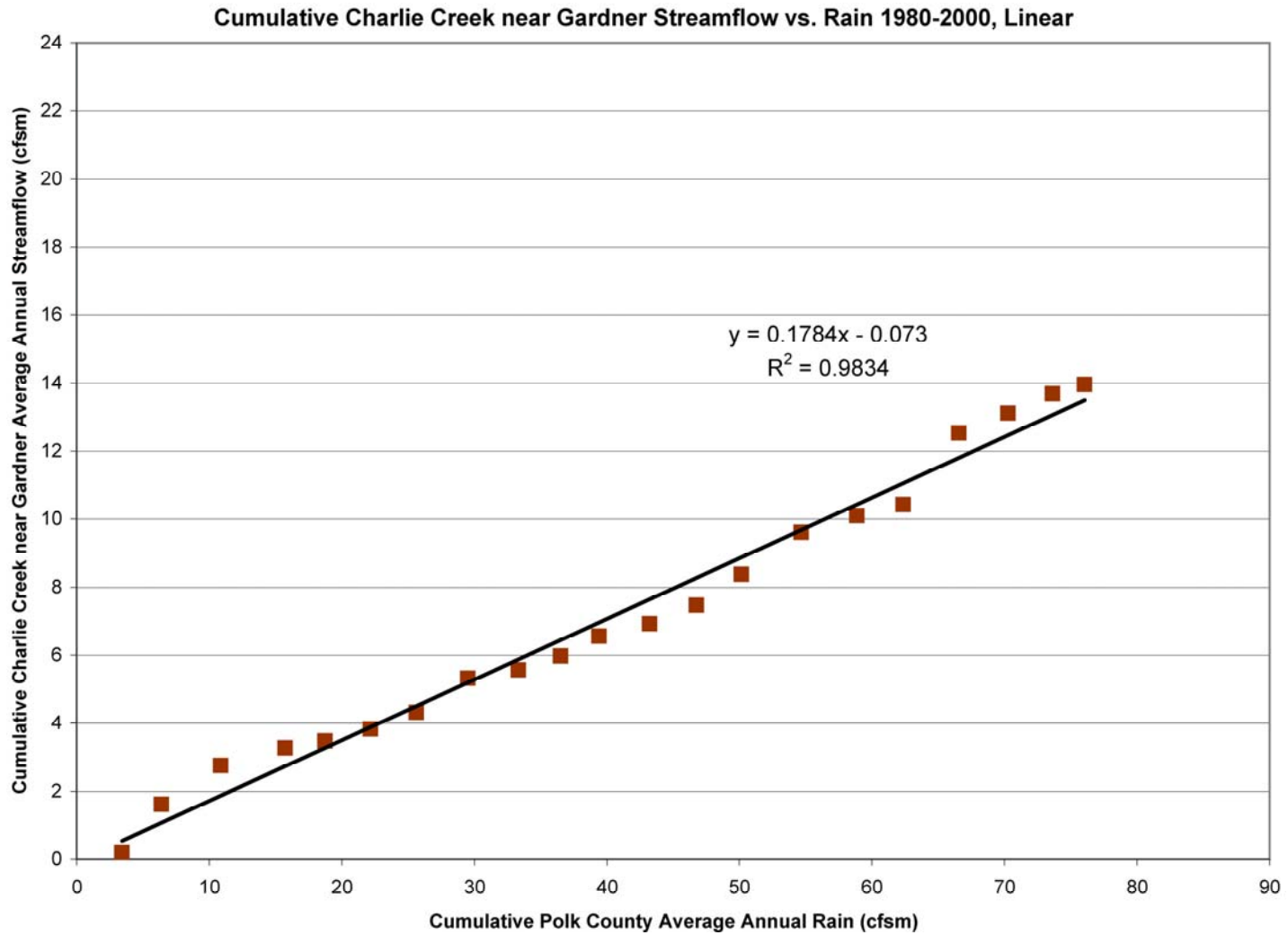


Figure H-12. Charlie Creek near Gardner Cumulative Rain Versus Streamflow (Linear).

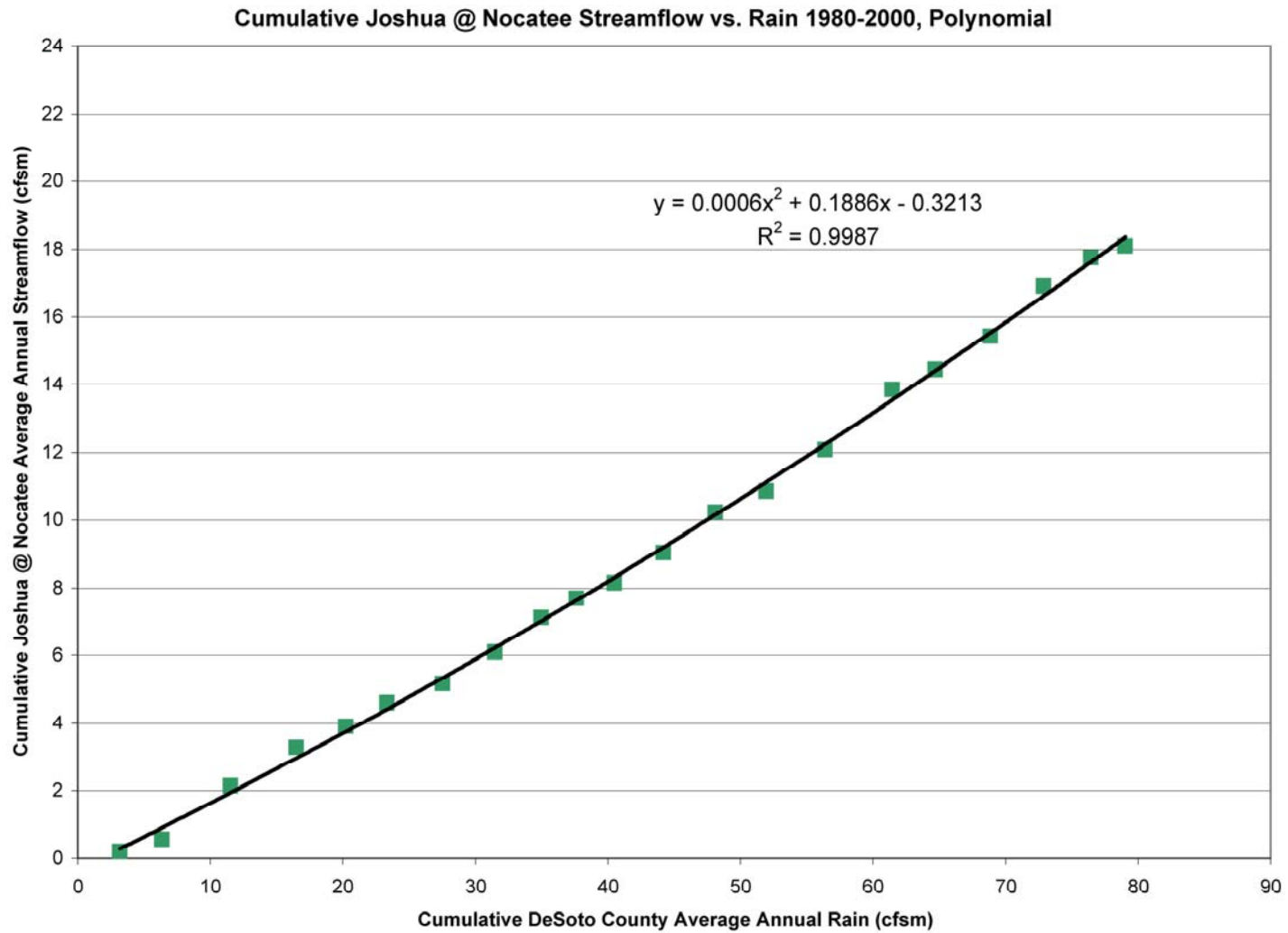


Figure H-13. Joshua Creek @ Nocatee Cumulative Rain Versus Streamflow (Polynomial).

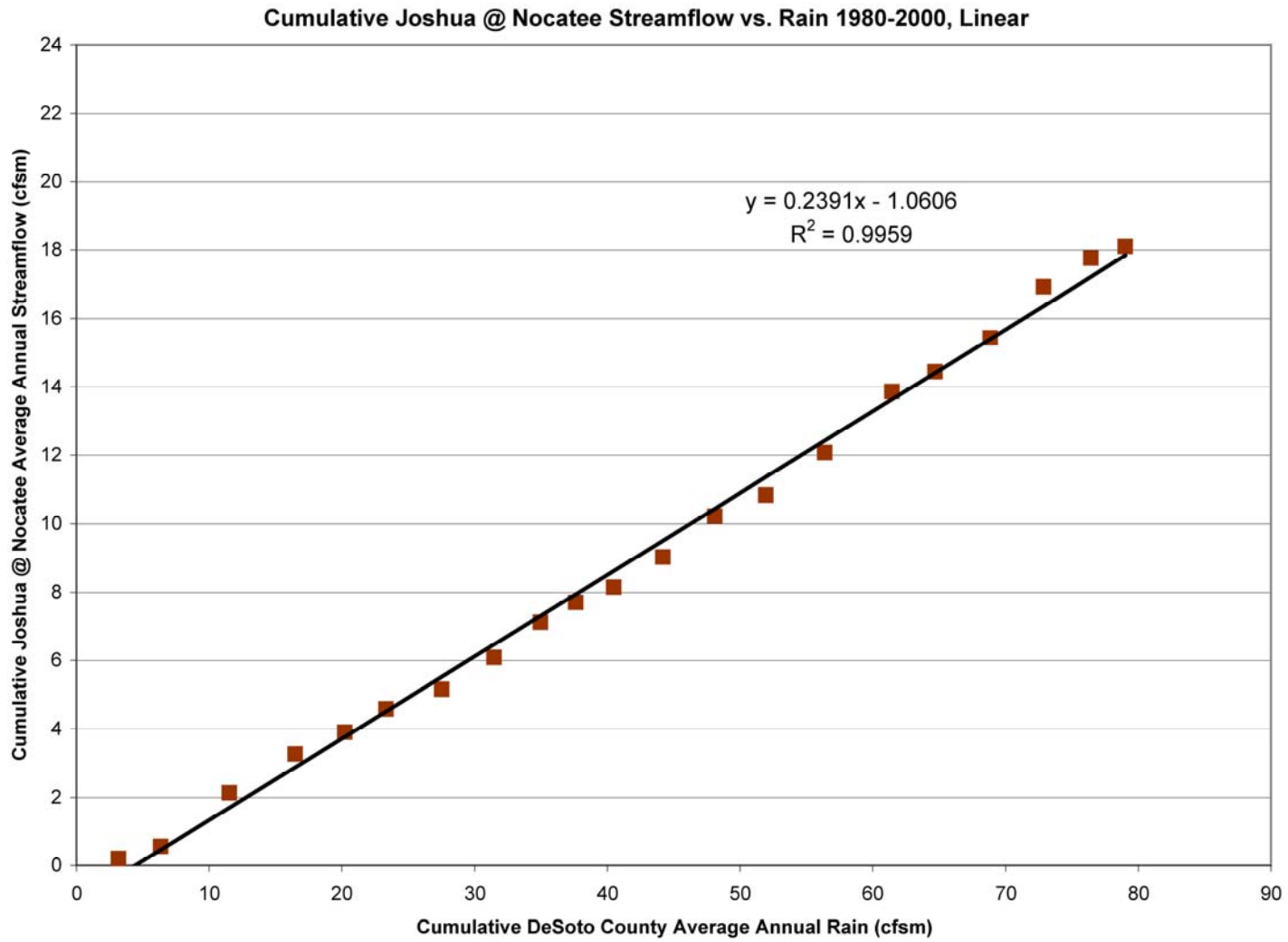


Figure H-14. Joshua Creek @ Nocatee Cumulative Rain Versus Streamflow (Linear).

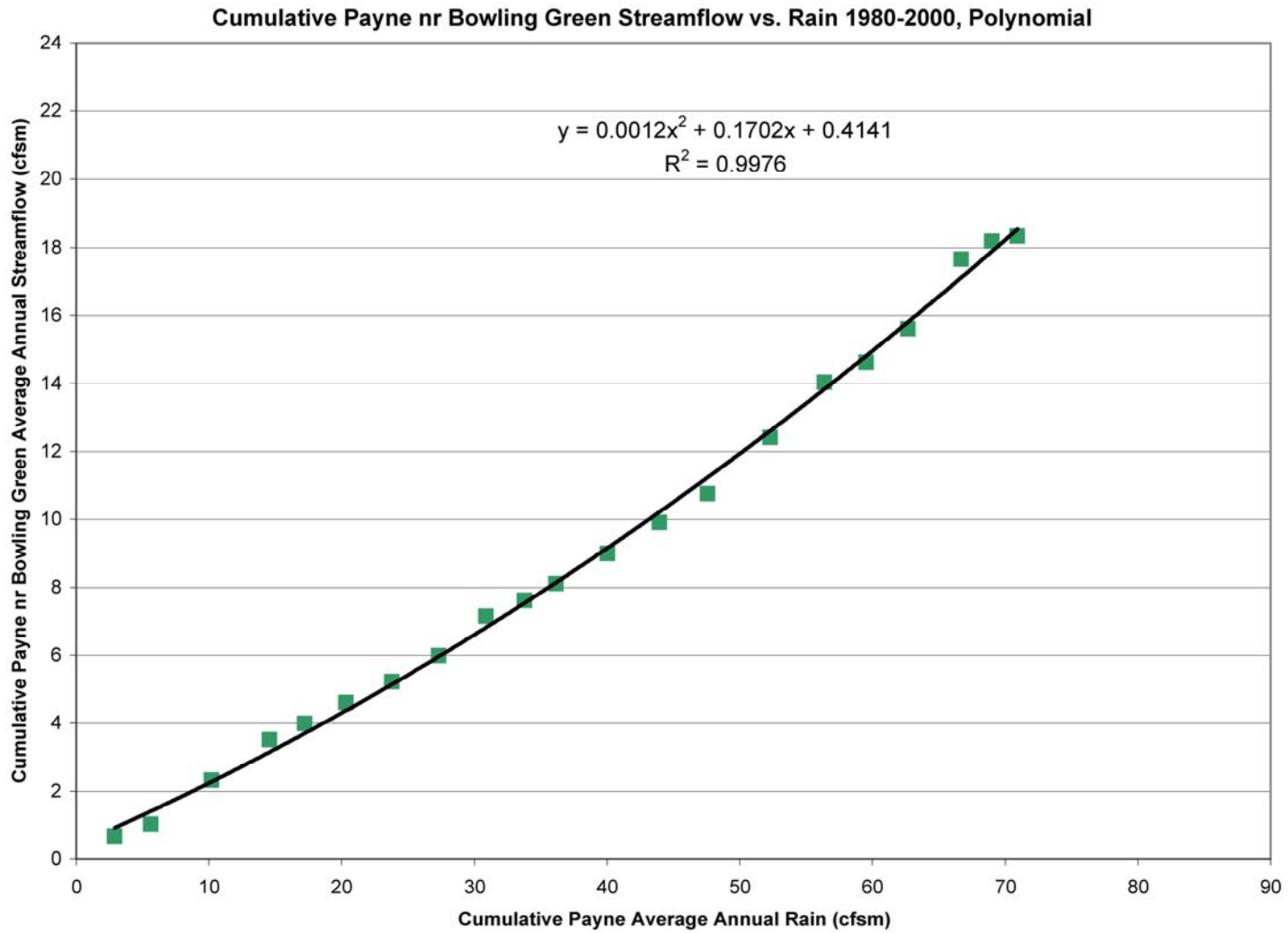


Figure H-15. Payne Creek near Bowling Green Cumulative Rain Versus Streamflow (Polynomial).

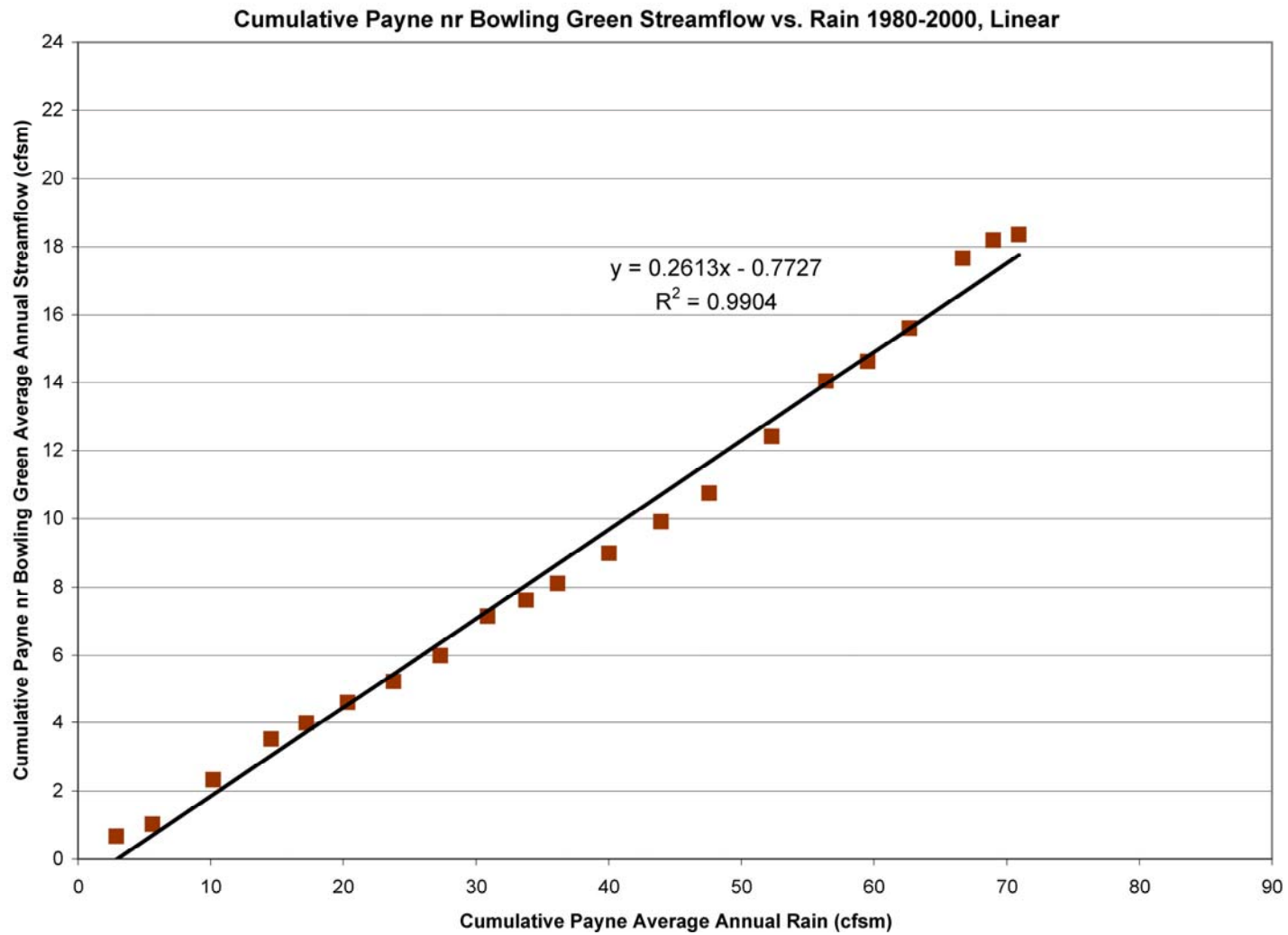


Figure H-16. Payne Creek near Bowling Green Cumulative Rain Versus Streamflow (Linear).

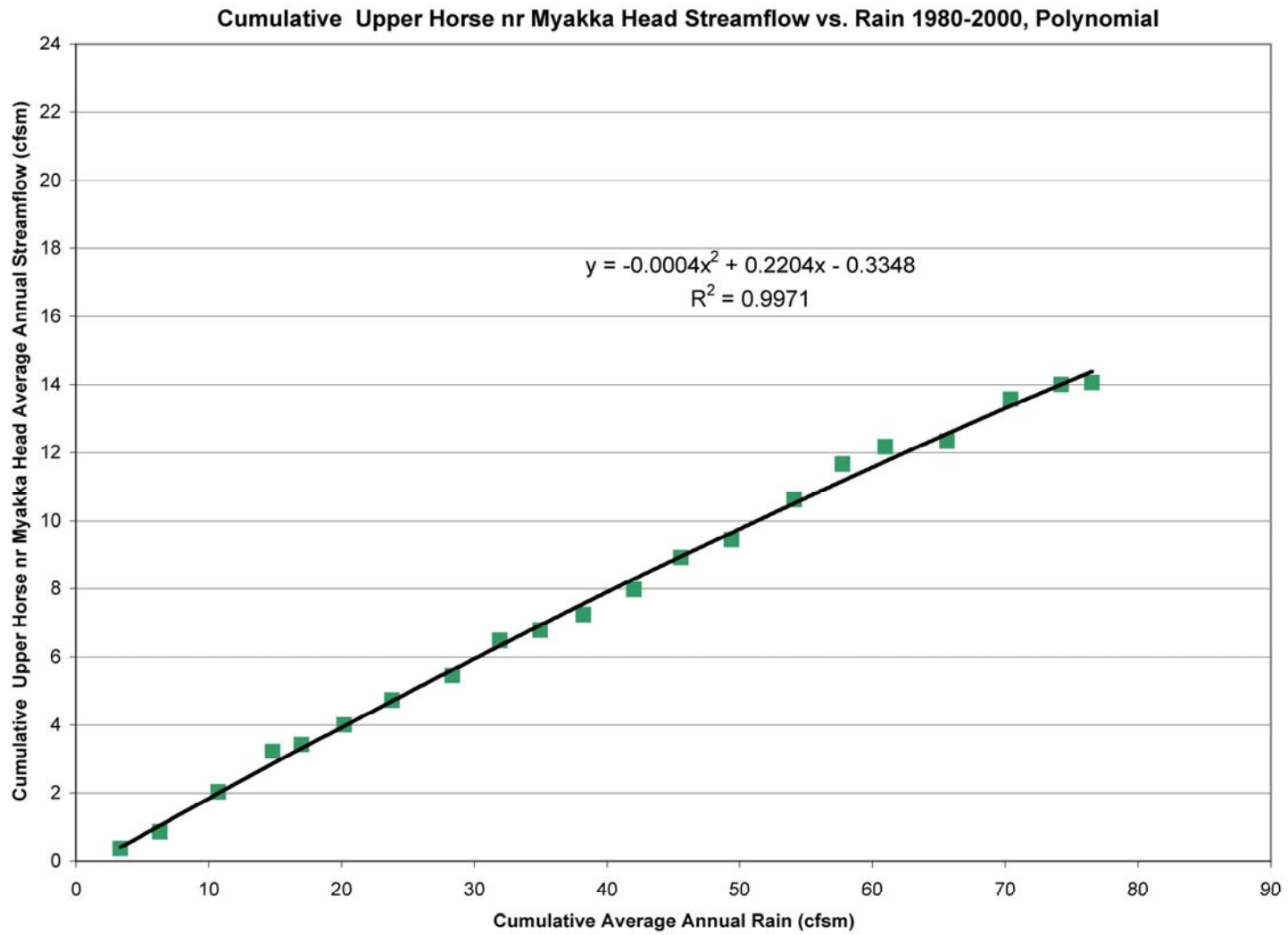


Figure H-17. Upper Horse Creek nr Myakka Head Cumulative Rain Versus Streamflow (Polynomial).

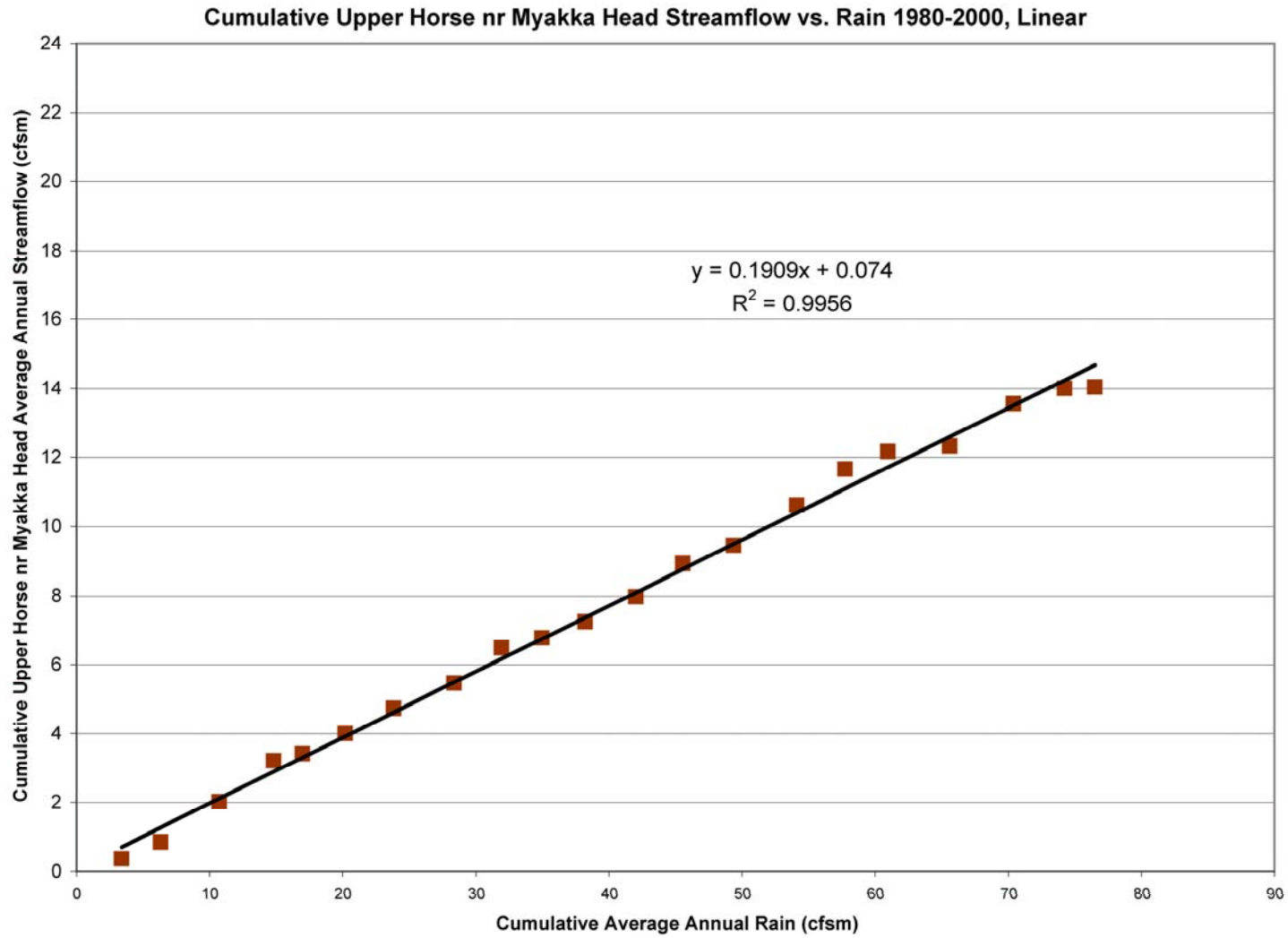


Figure H-18. Upper Horse Creek nr Myakka Head Cumulative Rain Versus Streamflow (Linear).

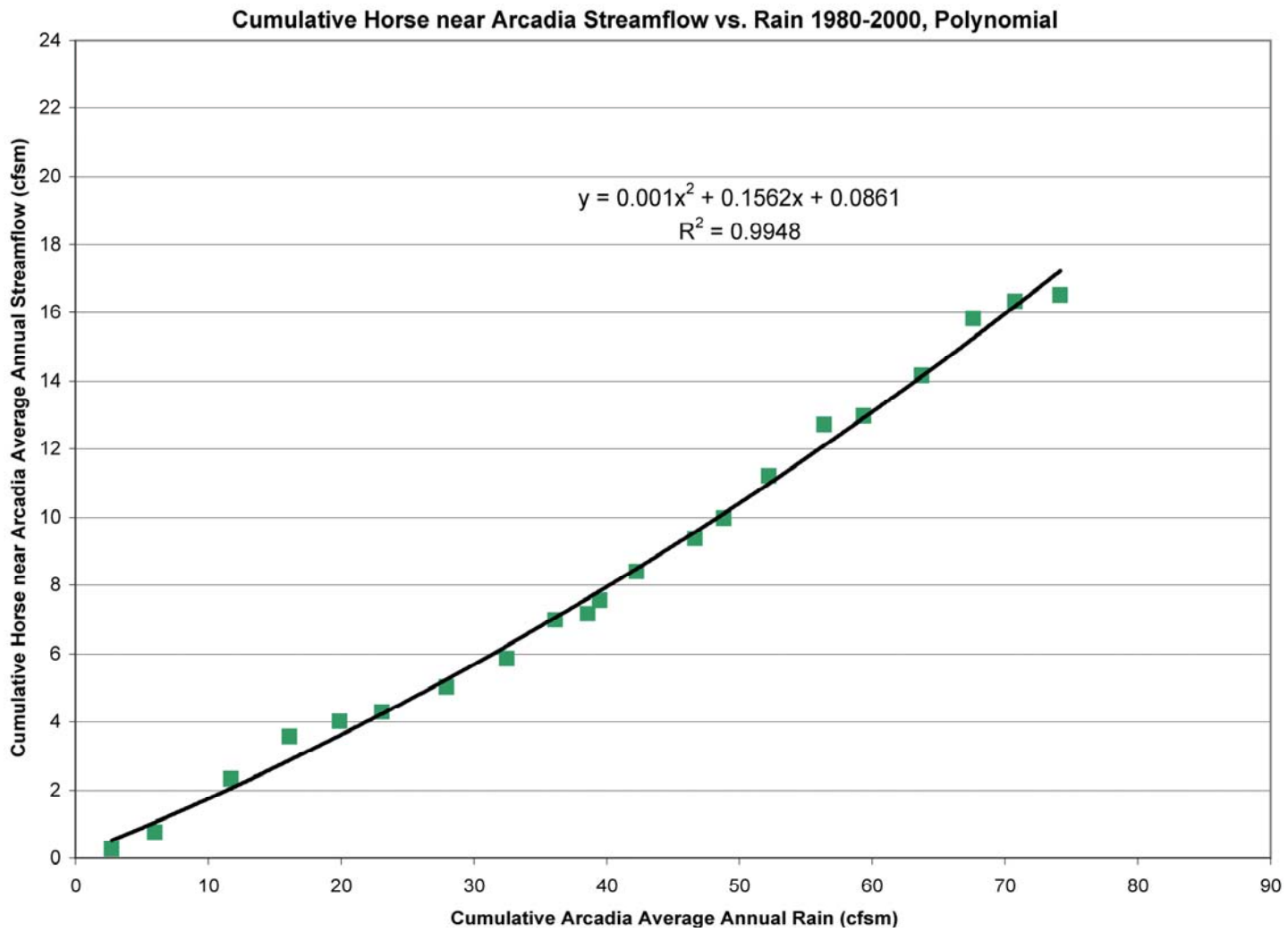


Figure H-19. Horse Creek near Arcadia Cumulative Rain Versus Streamflow (Polynomial).

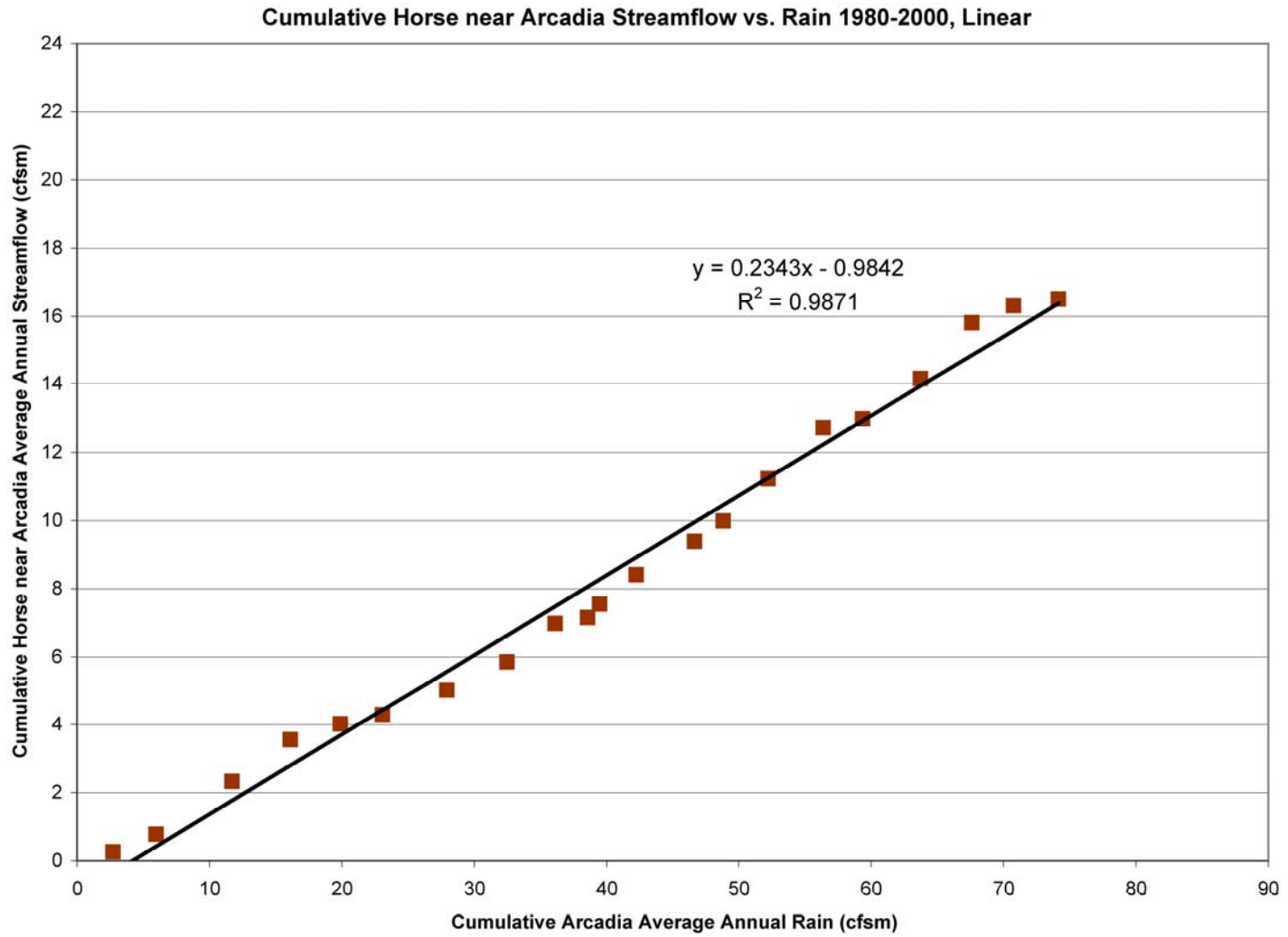


Figure H-20. Horse Creek near Arcadia Cumulative Rain Versus Streamflow (Linear).

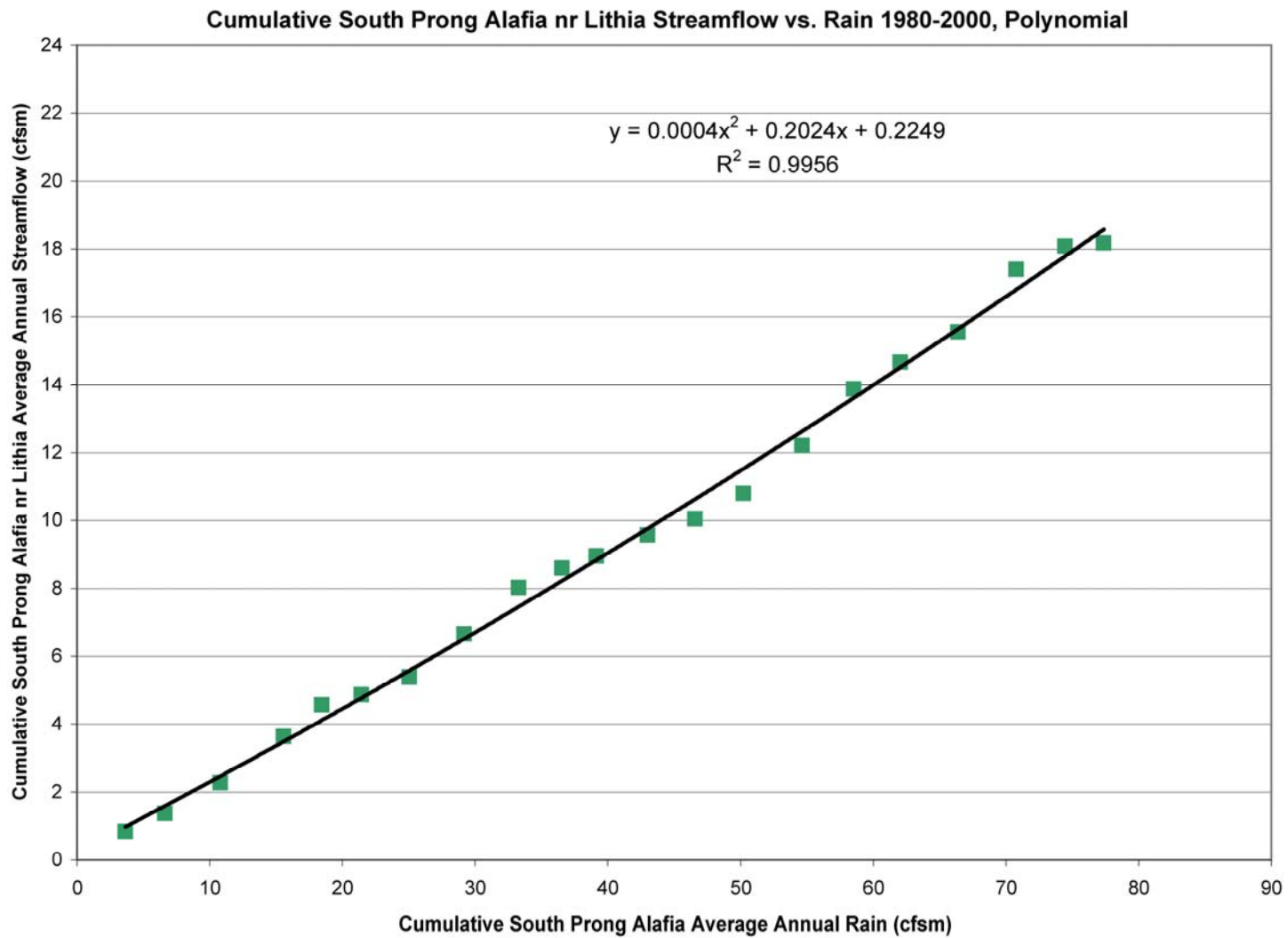


Figure H-21. S Prong Alafia River near Lithia Cumulative Rain Versus Streamflow (Polynomial).

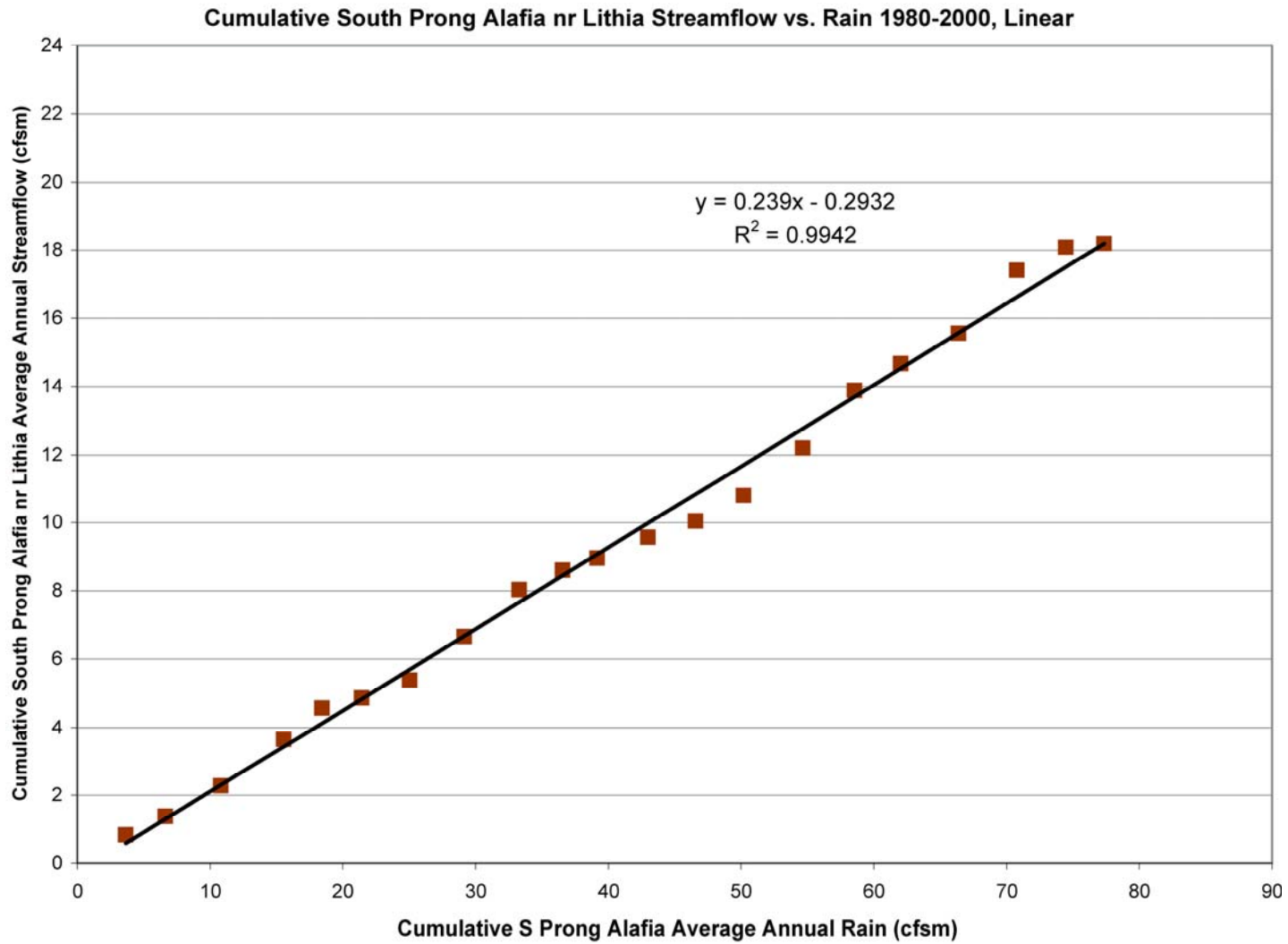


Figure H-22. S Prong Alafia River near Lithia Cumulative Rain Versus Streamflow (Linear).

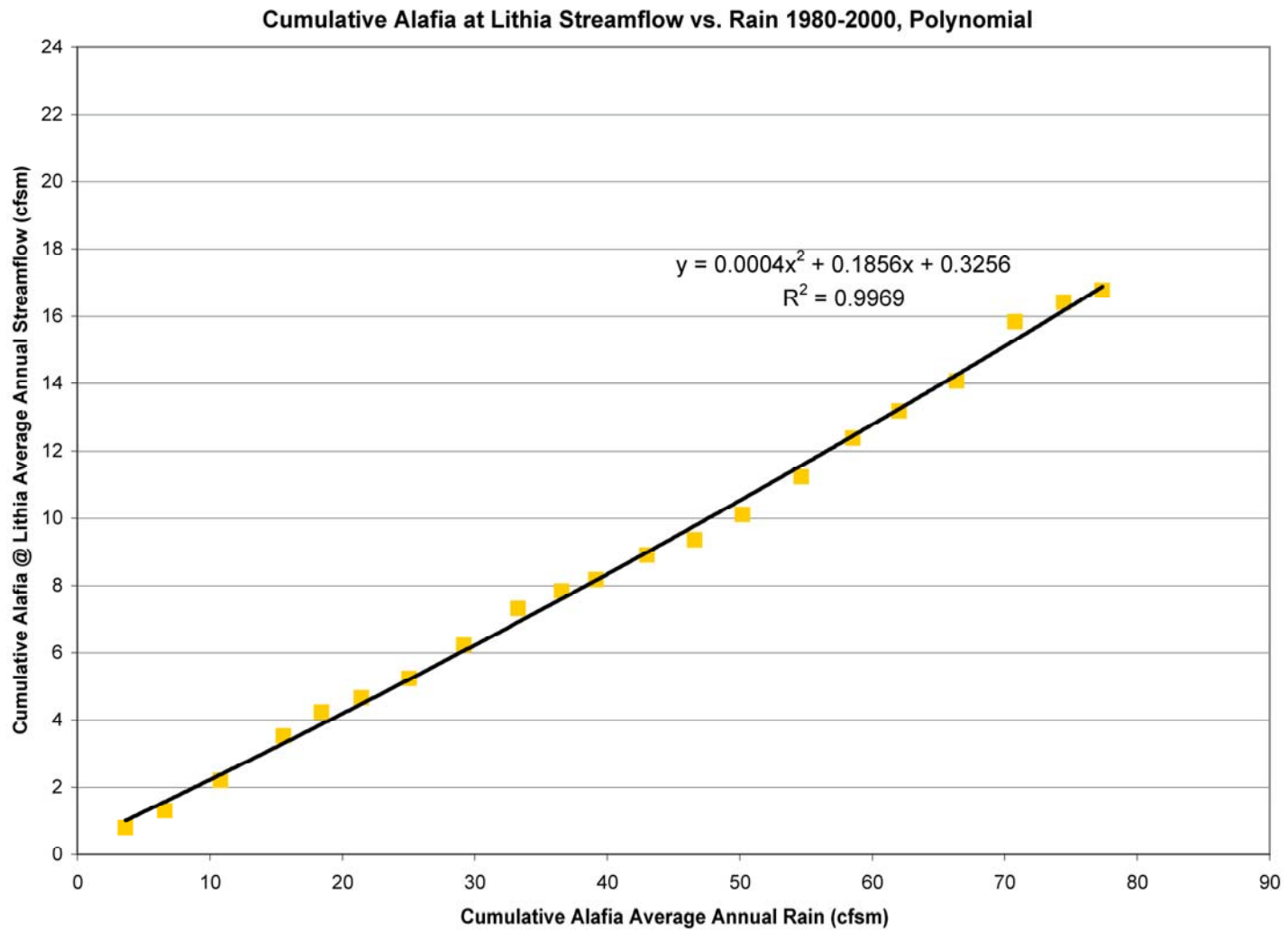


Figure H-23. Alafia River @ Lithia Cumulative Rain Versus Streamflow (Polynomial).

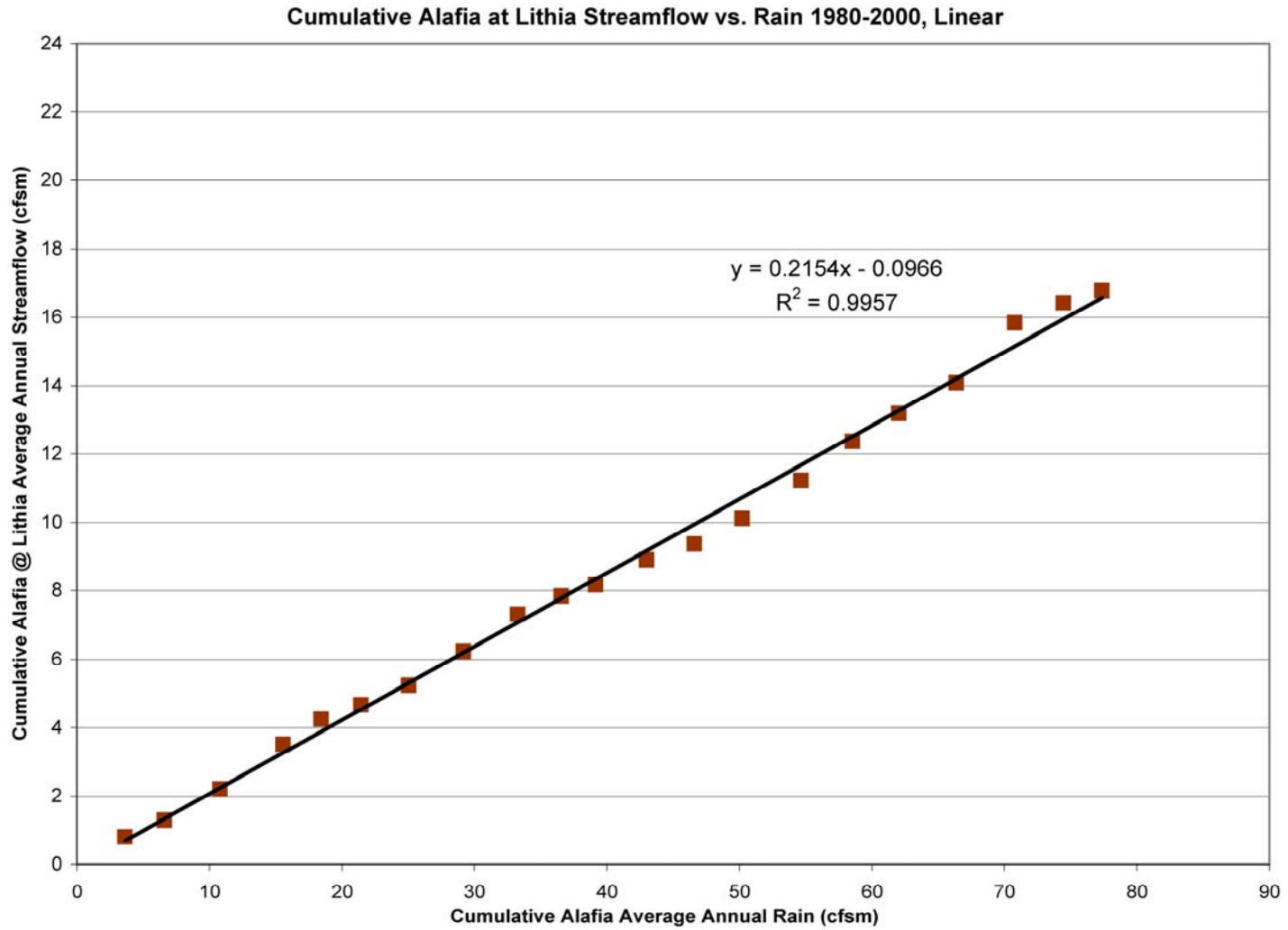


Figure H-24. Alafia River @ Lithia Cumulative Rain Versus Streamflow (Linear).

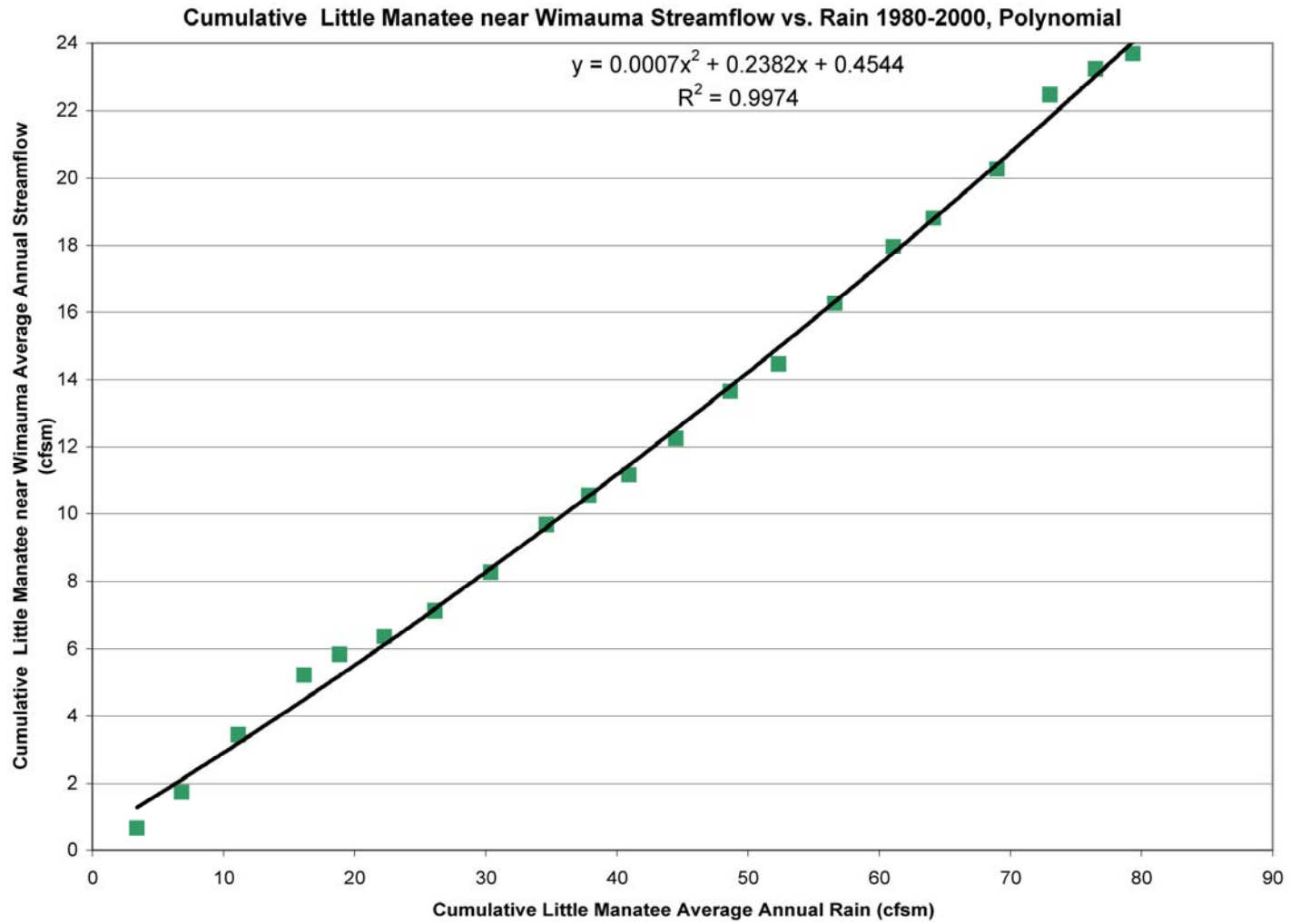


Figure H-25. L Manatee River near Wimauma Cumulative Rain Versus Streamflow (Polynomial).

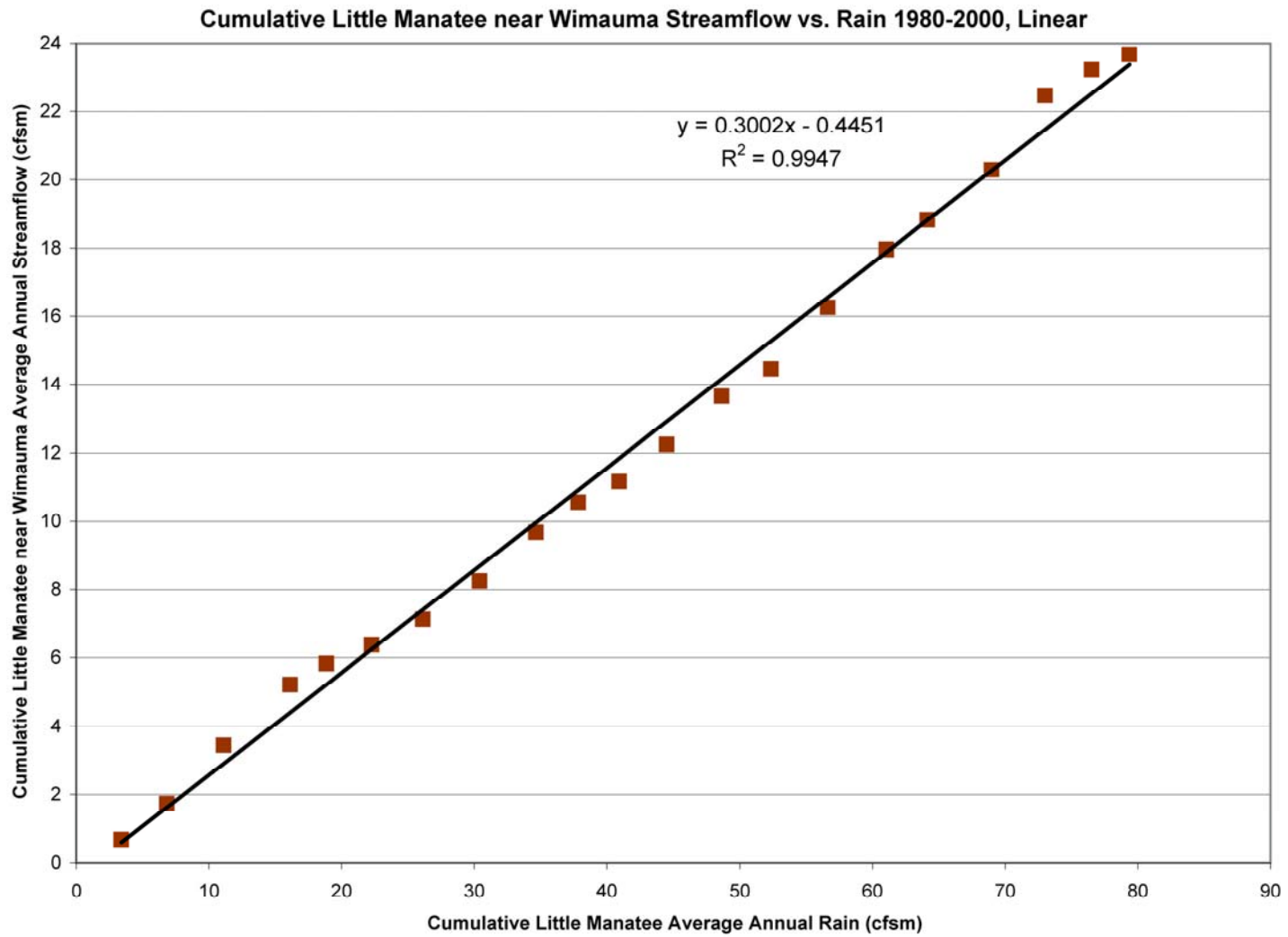


Figure H-26. L Manatee River near Wimauma Cumulative Rain Versus Streamflow (Linear).

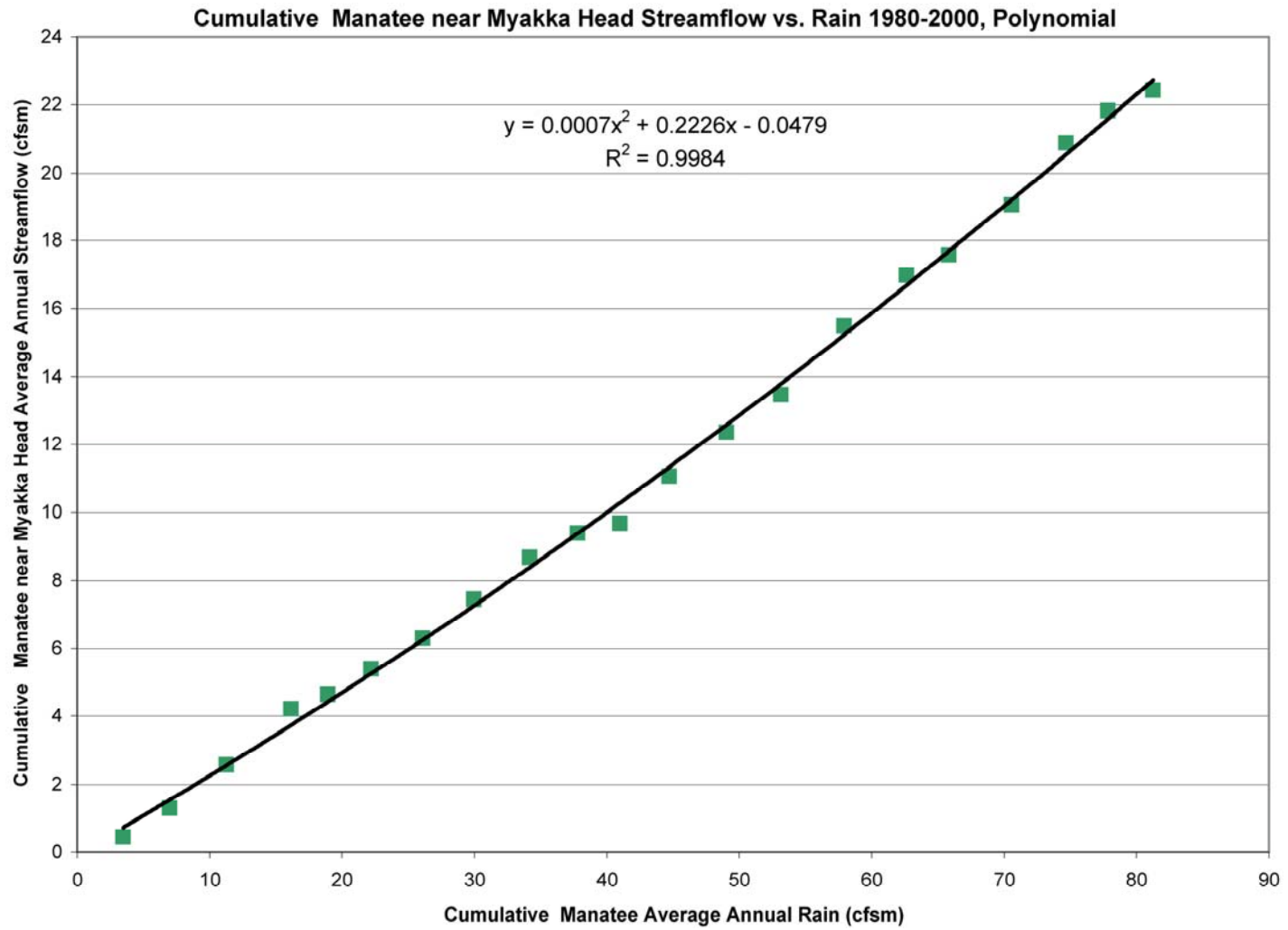


Figure H-27. Manatee River near Myakka Head Cumulative Rain Versus Streamflow (Polynomial).

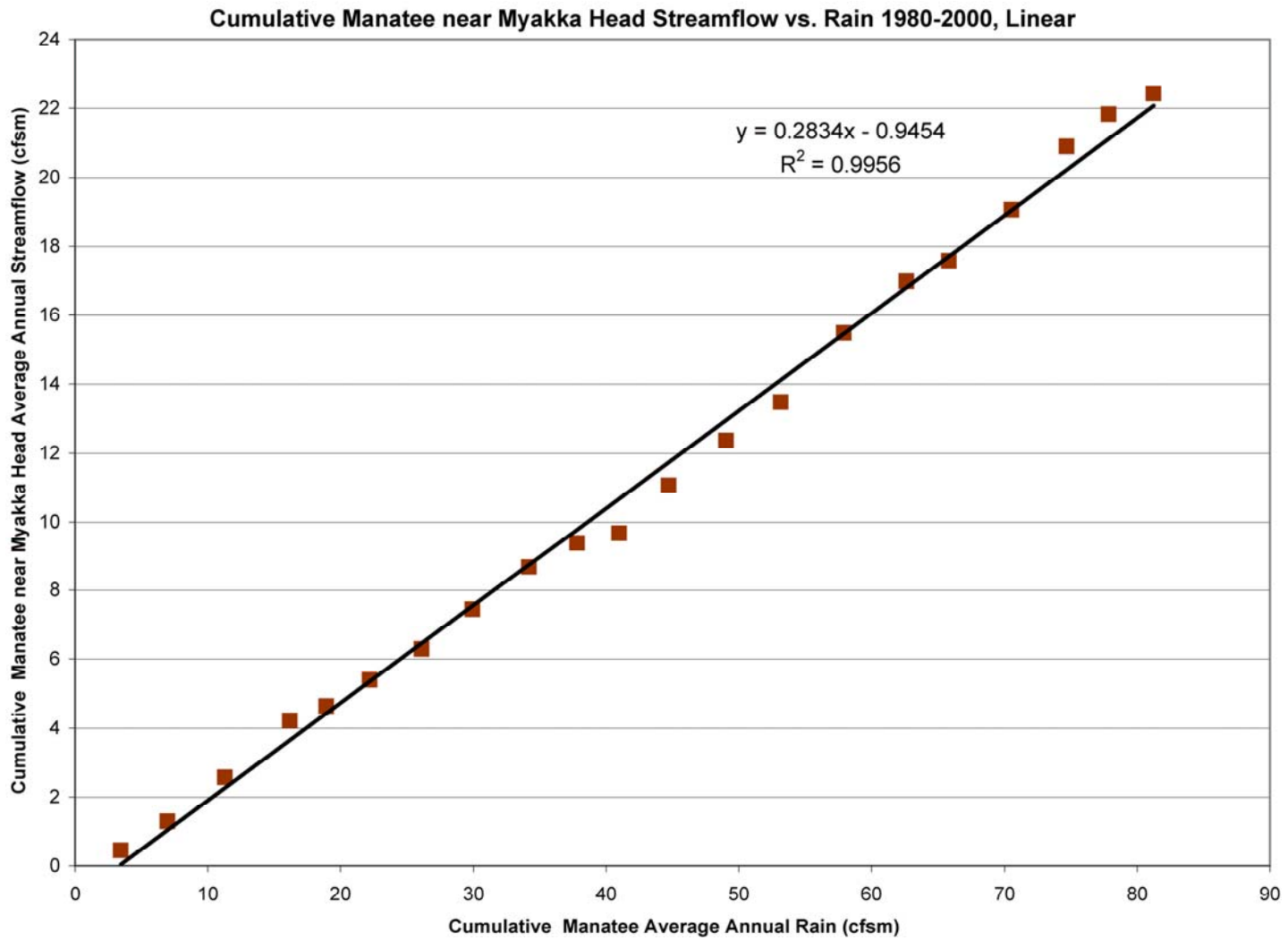


Figure H-28. Manatee River near Myakka Head Cumulative Rain Versus Streamflow (Linear).

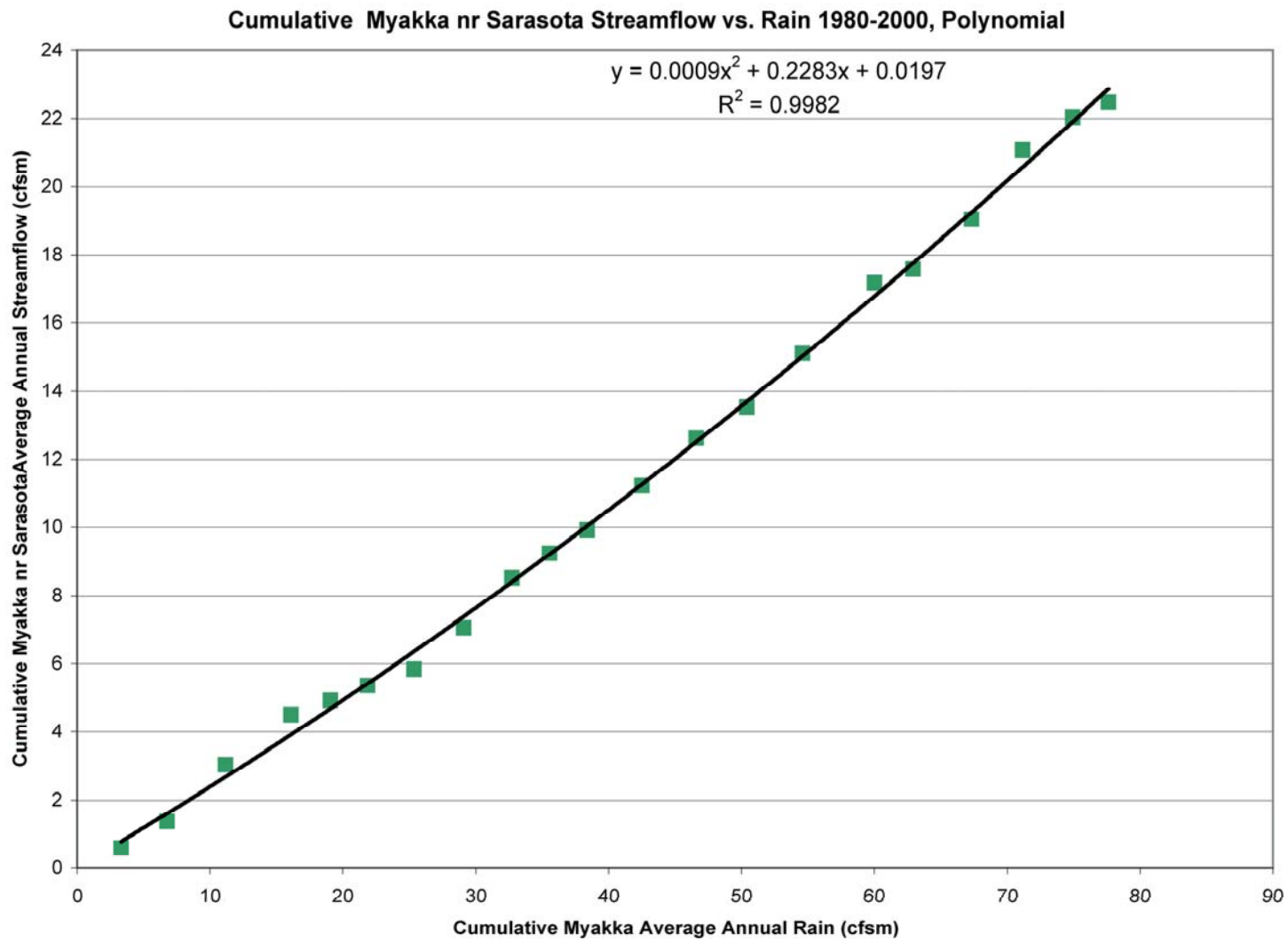


Figure H-29. Myakka River near Sarasota Cumulative Rain Versus Streamflow (Polynomial).

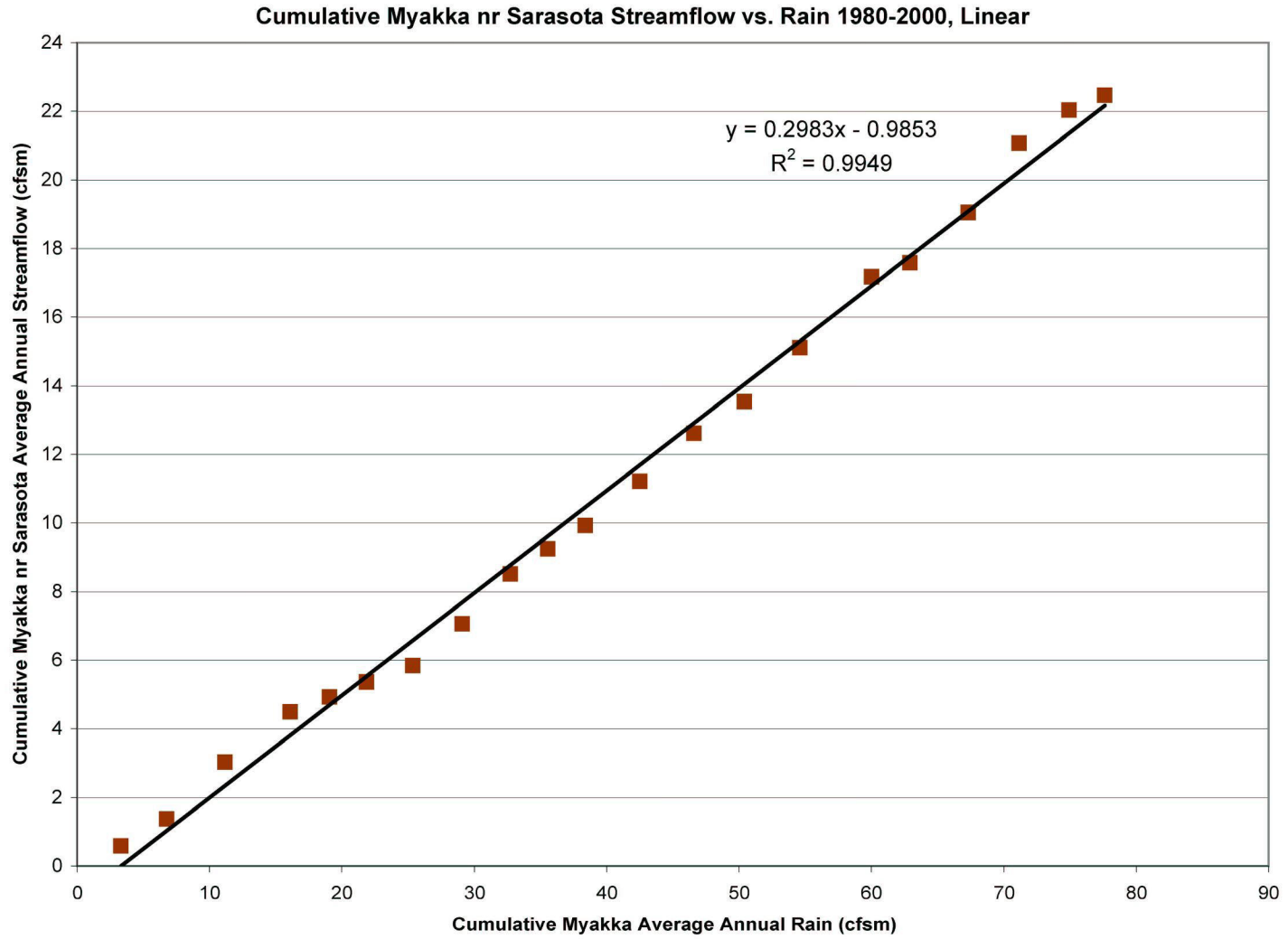


Figure H-30. Myakka River near Sarasota Cumulative Rain Versus Streamflow (Linear).

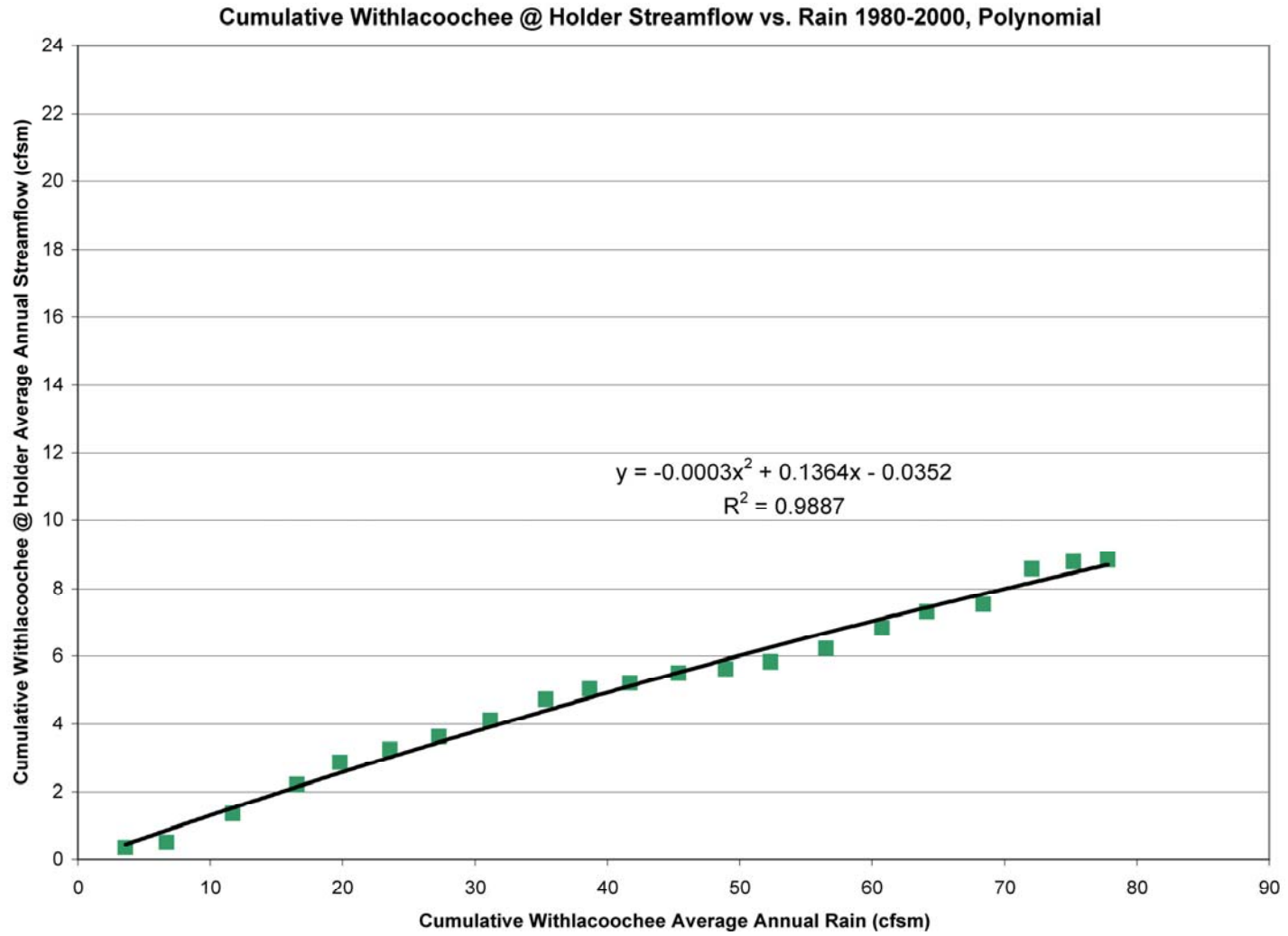


Figure H-31. Withlacoochee River @ Holder Cumulative Rain Versus Streamflow (Polynomial).

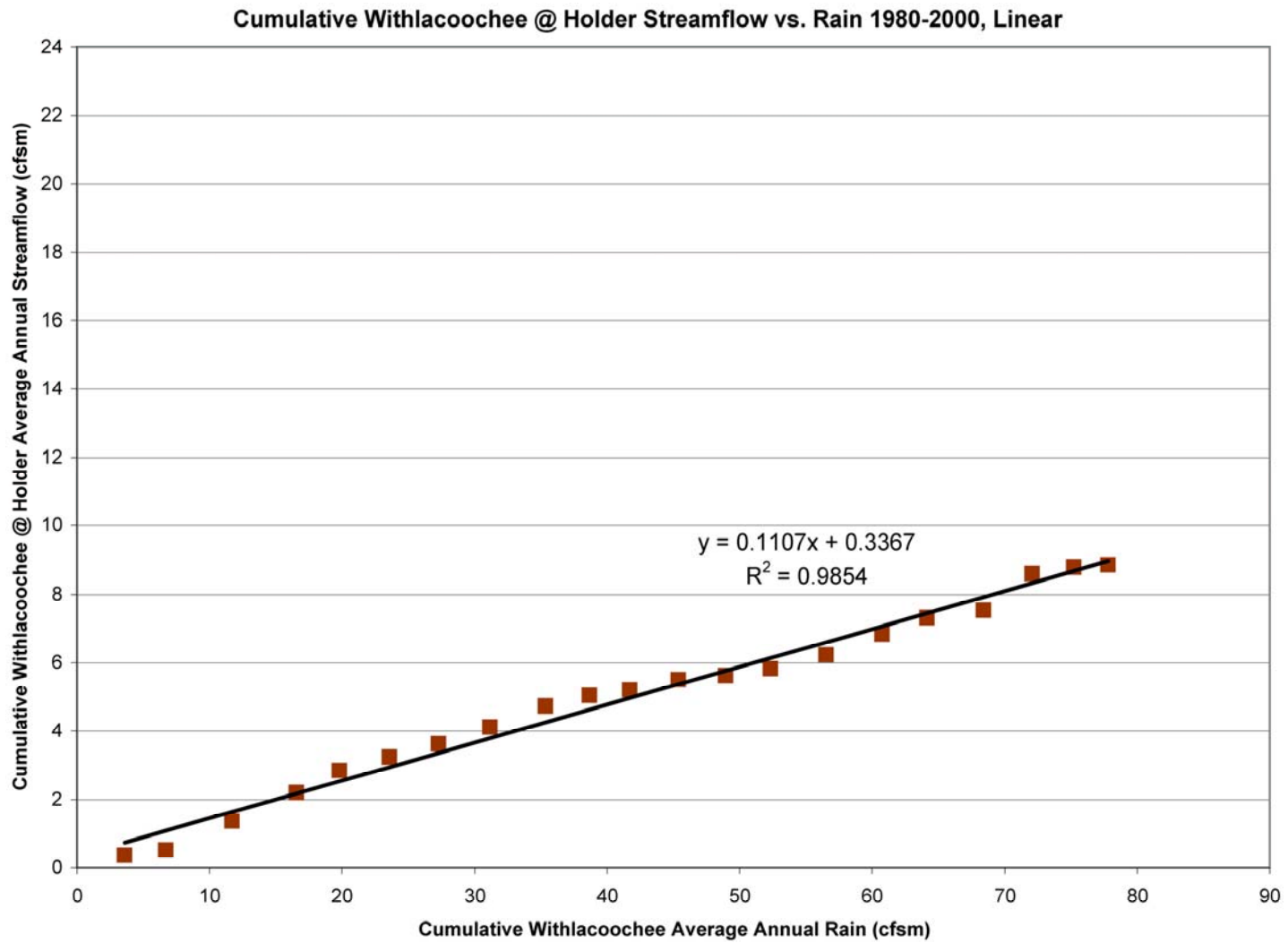


Figure H-32. Withlacoochee River @ Holder Cumulative Rain Versus Streamflow (Linear).

Appendix I

**1980-2000 MAJOR BASINS AND SUB-BASINS CUMULATIVE STREAMFLOW
PERCENT EXCEEDS VERSUS RAIN ANALYSES
(POLYNOMIAL AND LINEAR)**

**1980-2000 MAJOR BASINS AND SUB-BASINS CUMULATIVE STREAMFLOW PERCENT EXCEEDS
VERSUS RAIN ANALYSES (POLYNOMIAL AND LINEAR)**

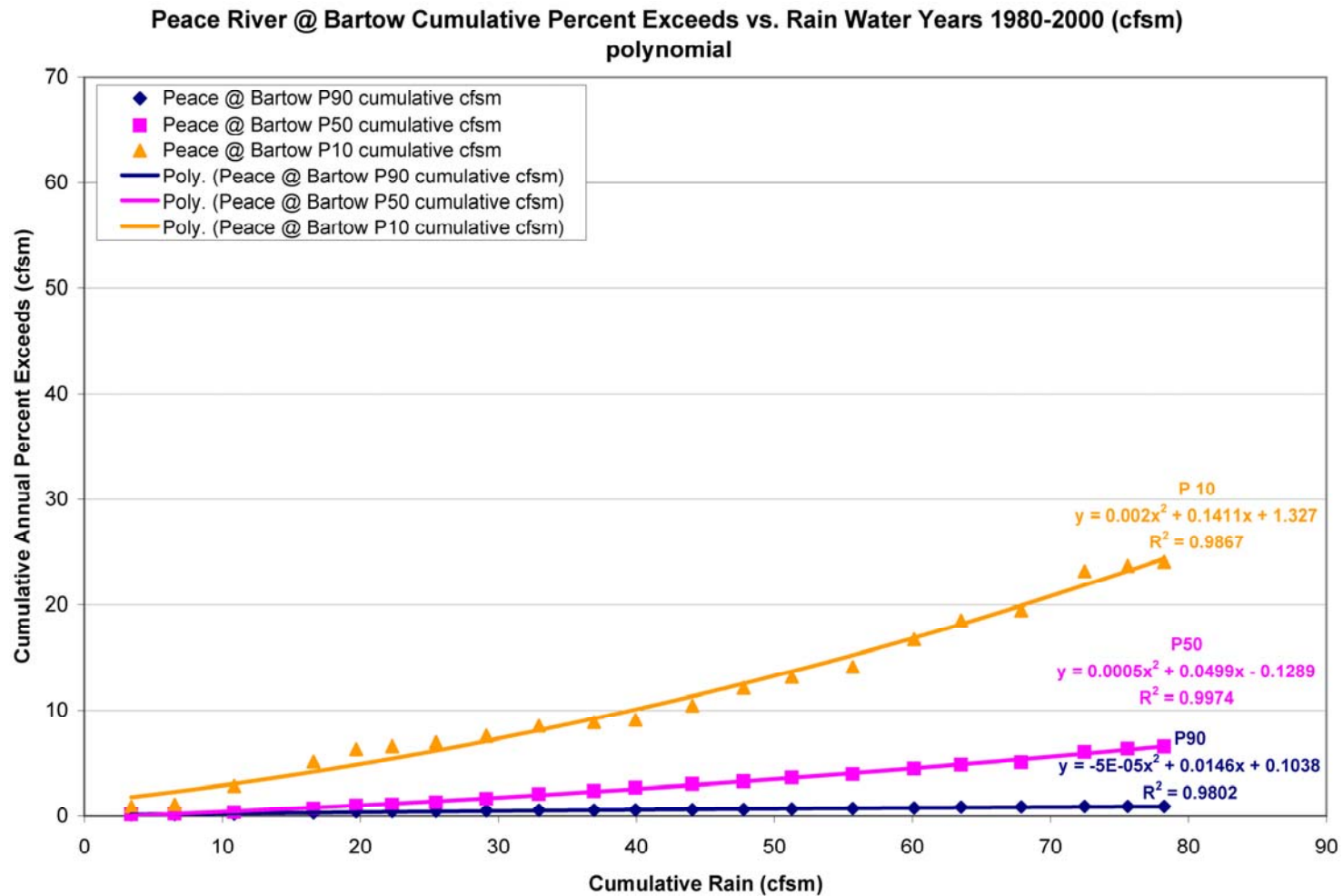


Figure I-1. Peace River @ Bartow Cumulative Rain Versus Percent Exceeds Streamflow (Polynomial).

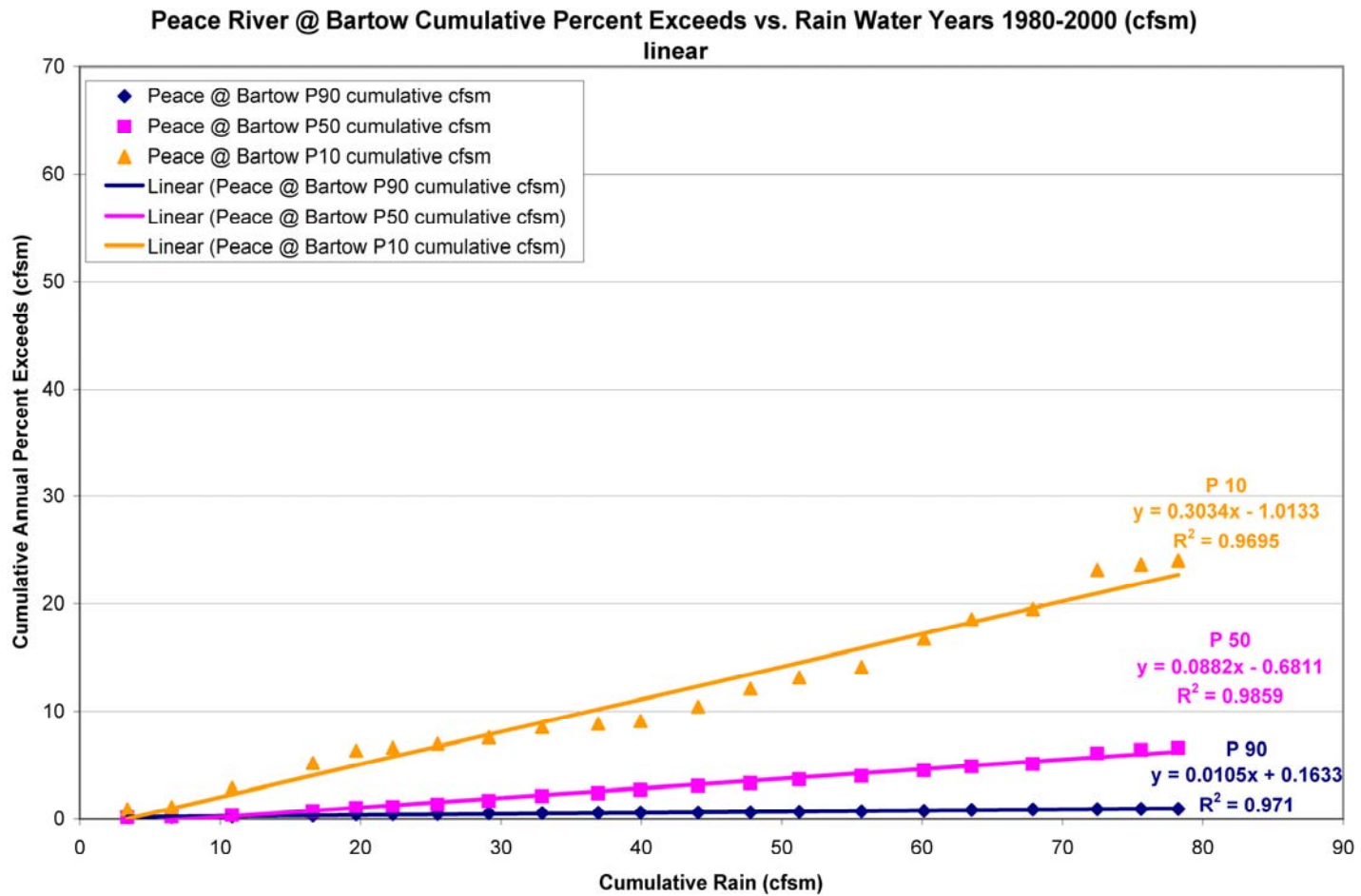


Figure I-2. Peace River @ Bartow Cumulative Rain Versus Percent Exceeds Streamflow (Linear).

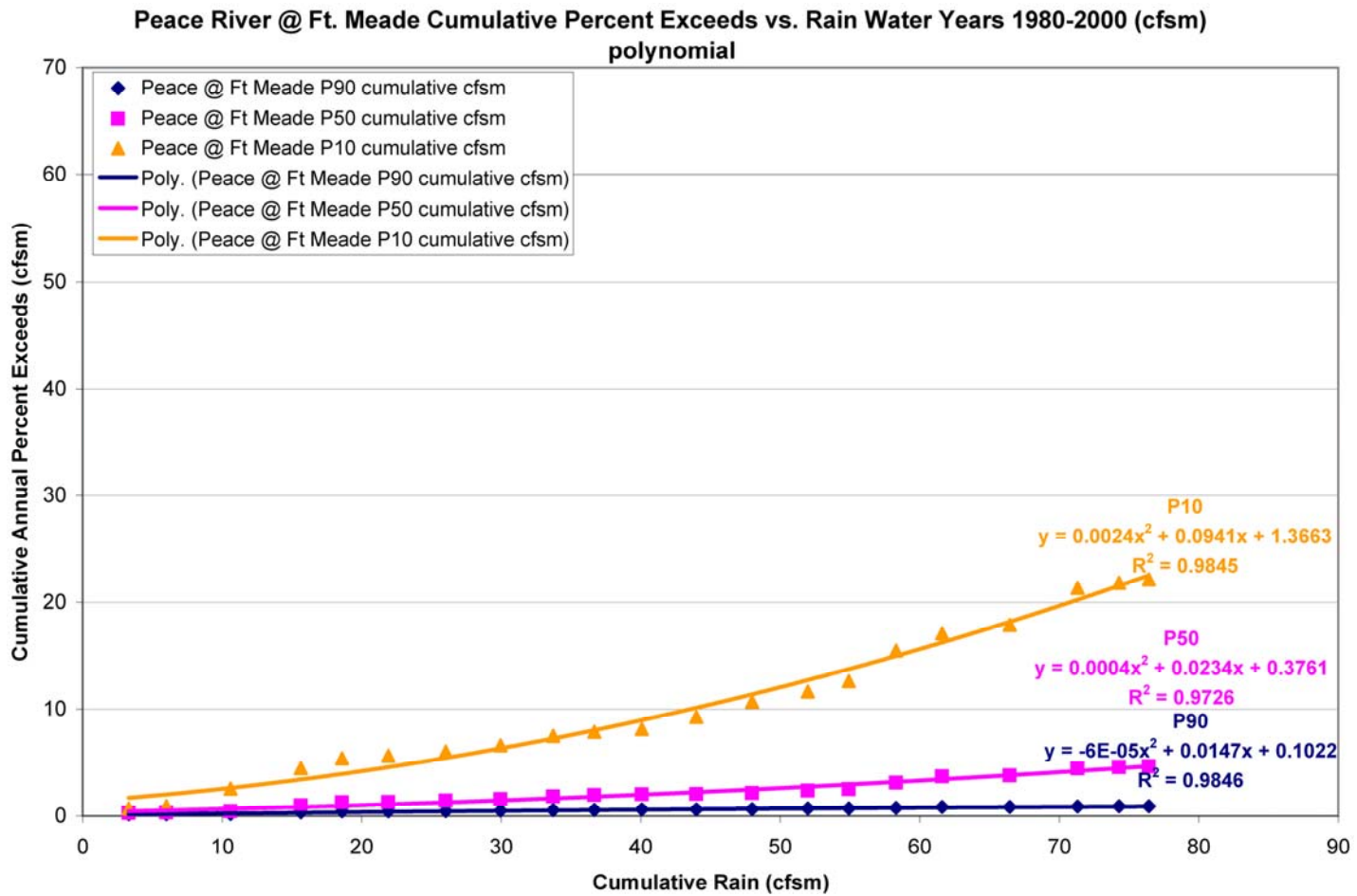


Figure I-3. Peace River @ Ft. Meade Cumulative Rain Versus Percent Exceeds Streamflow (Polynomial).

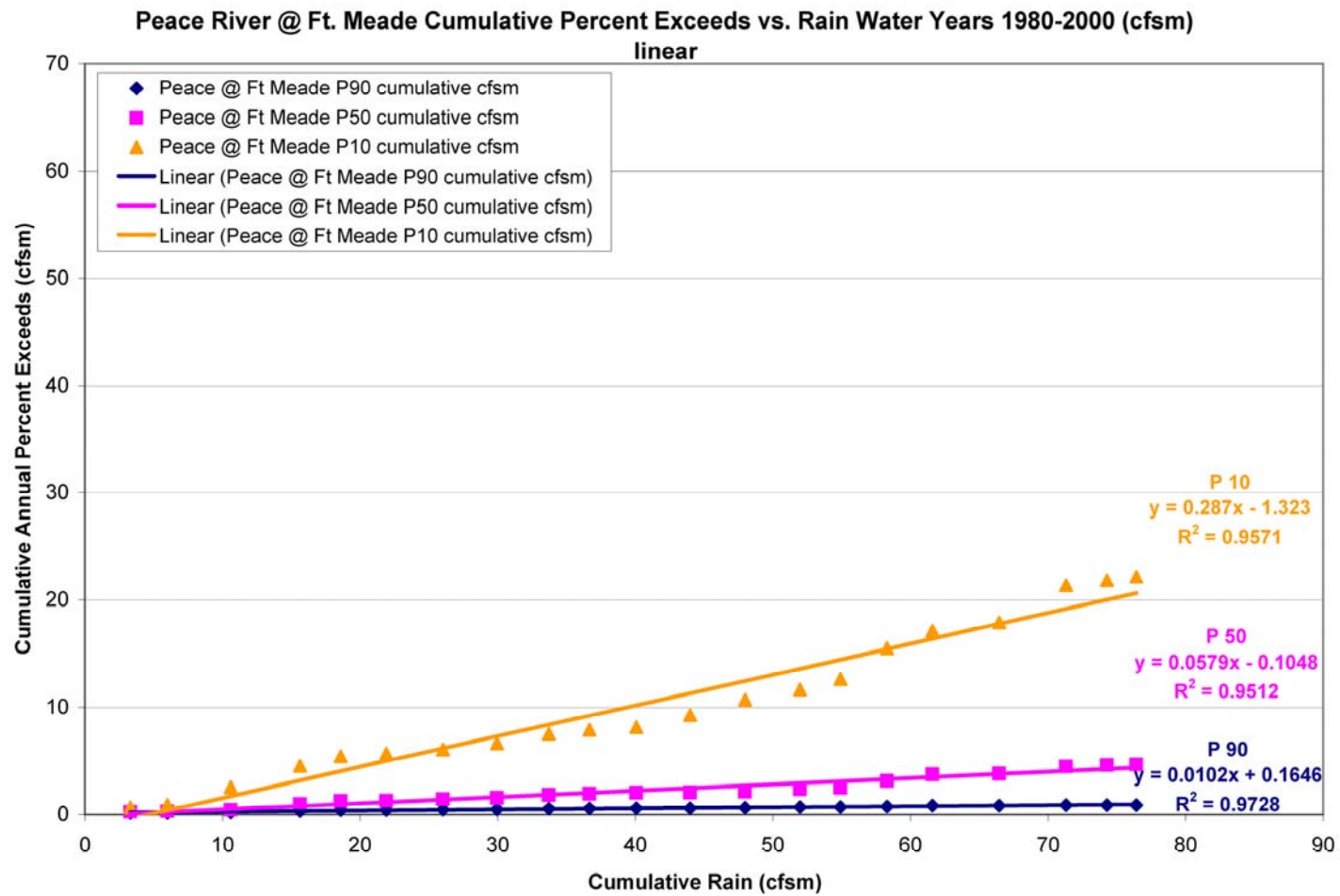


Figure I-4. Peace River @ Ft. Meade Cumulative Rain Versus Percent Exceeds Streamflow (Linear).

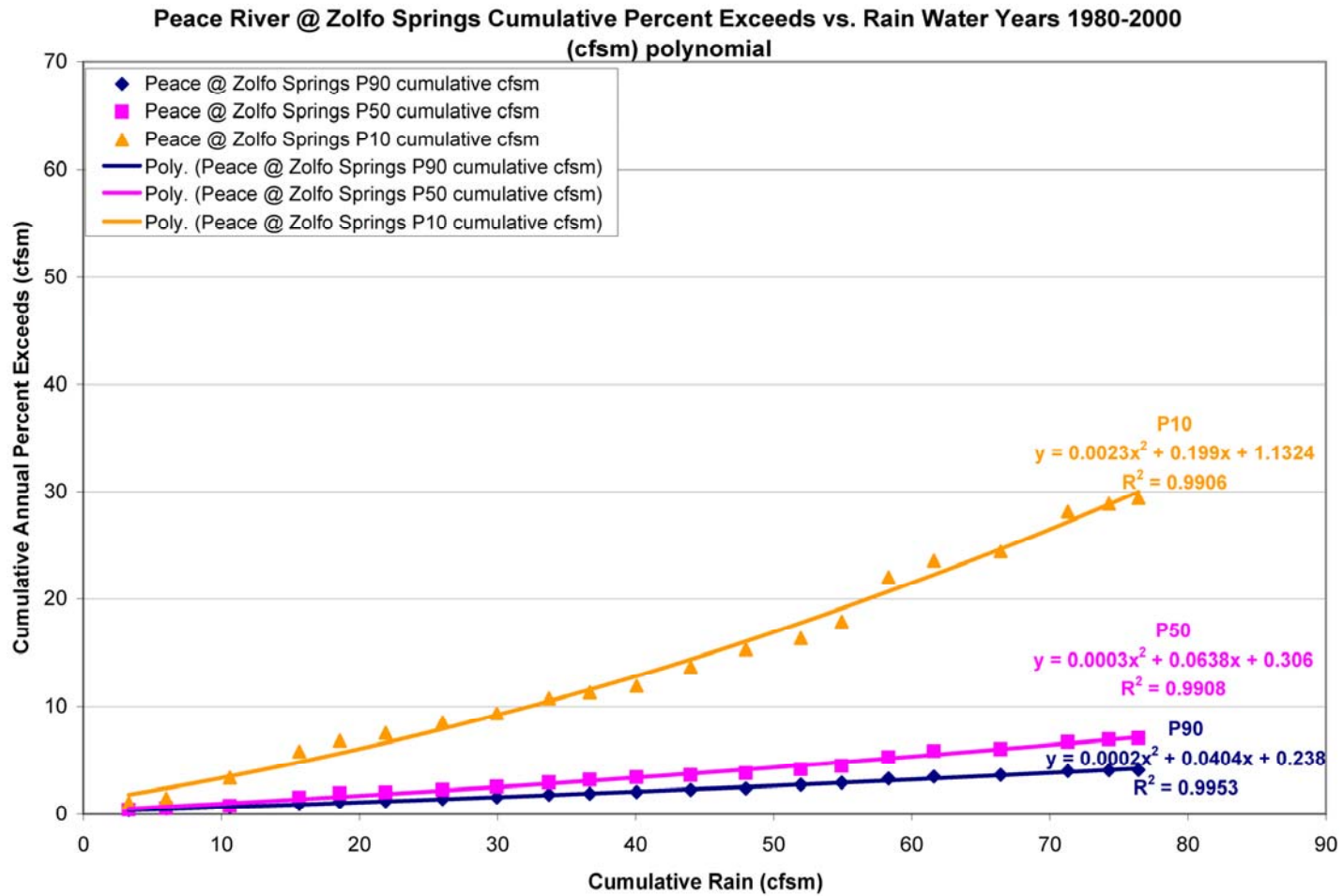


Figure I-5. Peace River @ Zolfo Springs Cumulative Rain Versus Percent Exceeds Streamflow (Polynomial).

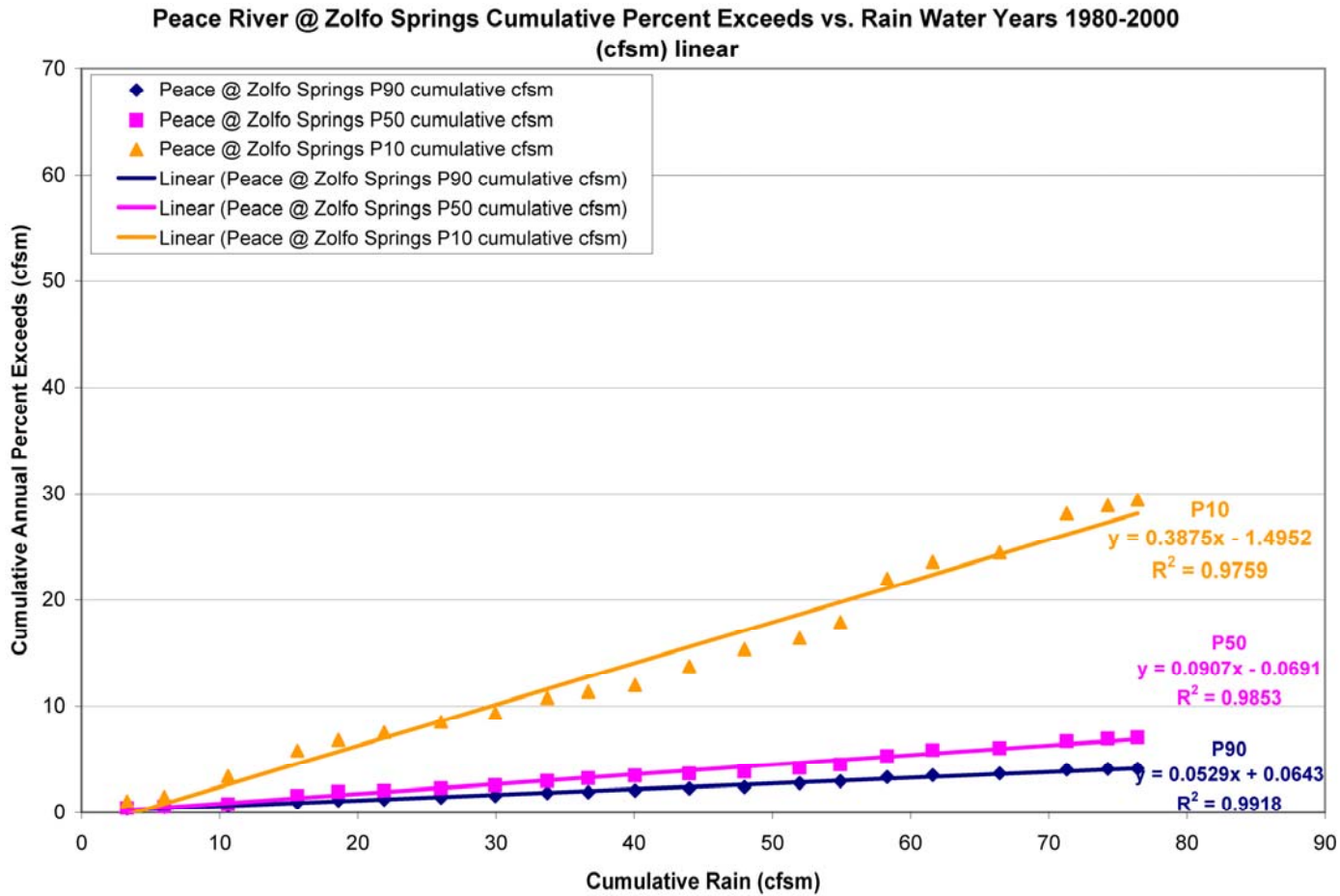


Figure I-6. Peace River @ Zolfo Springs Cumulative Rain Versus Percent Exceeds Streamflow (Linear).

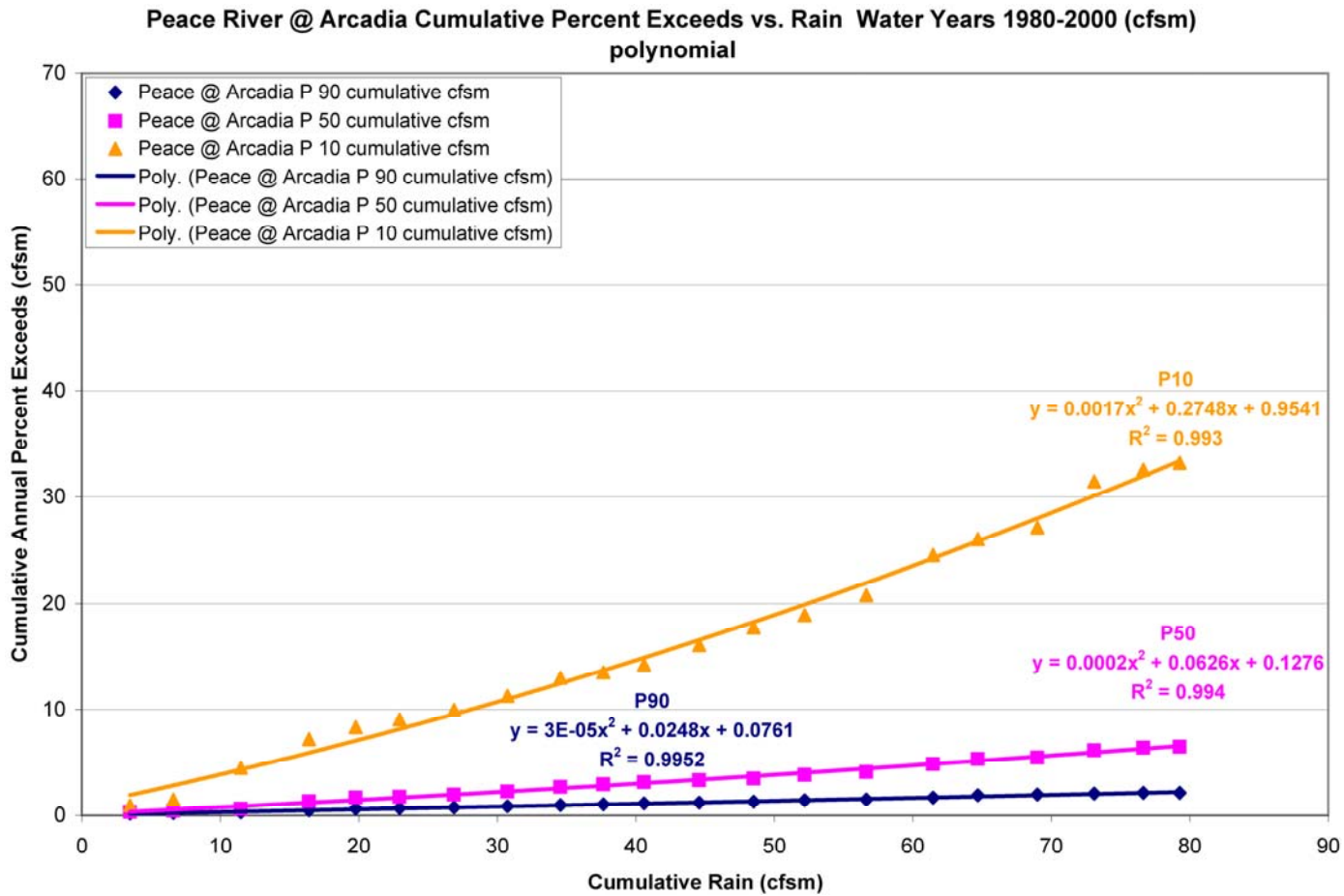


Figure I-7. Peace River @ Arcadia Cumulative Rain Versus Percent Exceeds Streamflow (Polynomial).

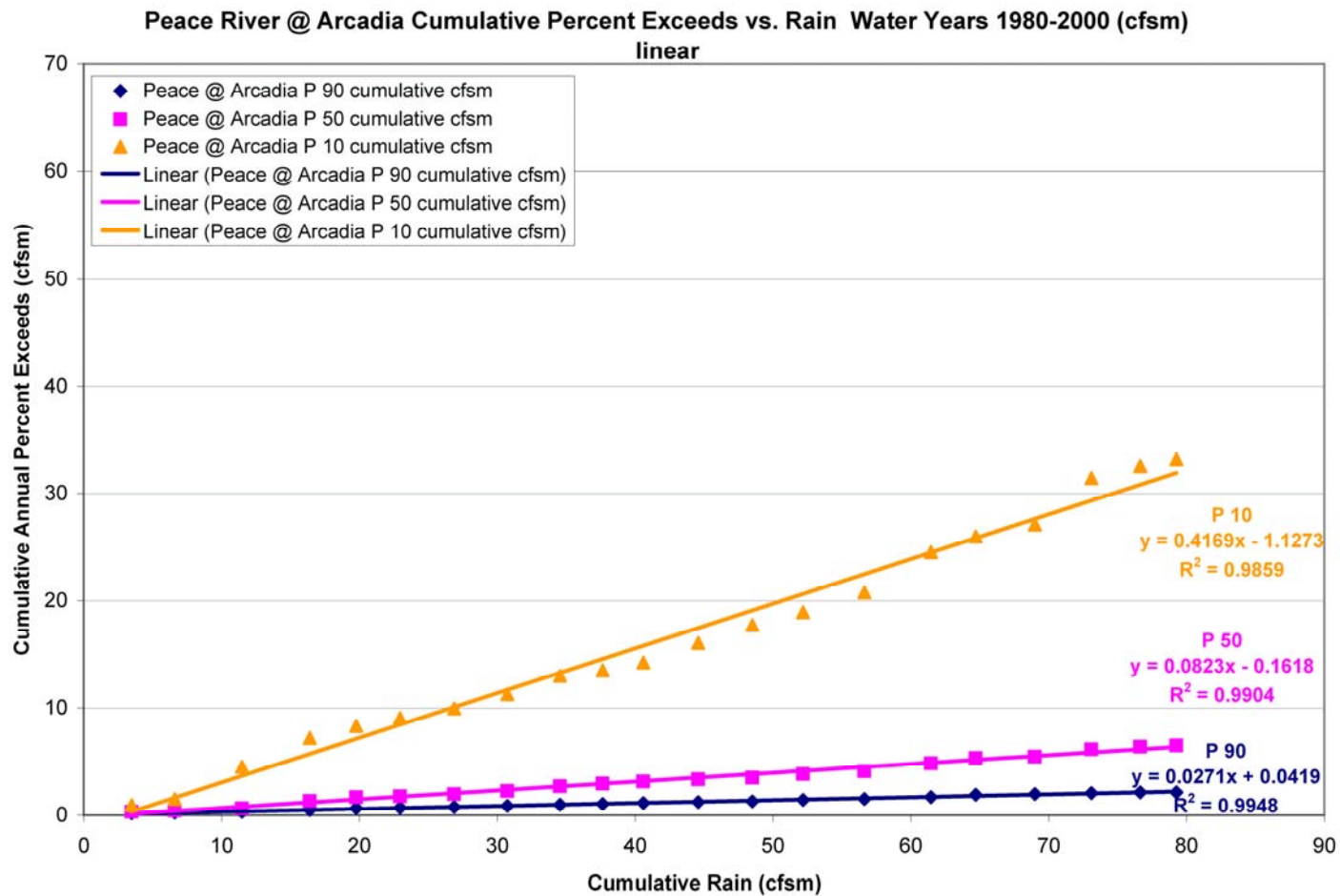


Figure I-8. Peace River @ Arcadia Cumulative Rain Versus Percent Exceeds Streamflow (Linear).

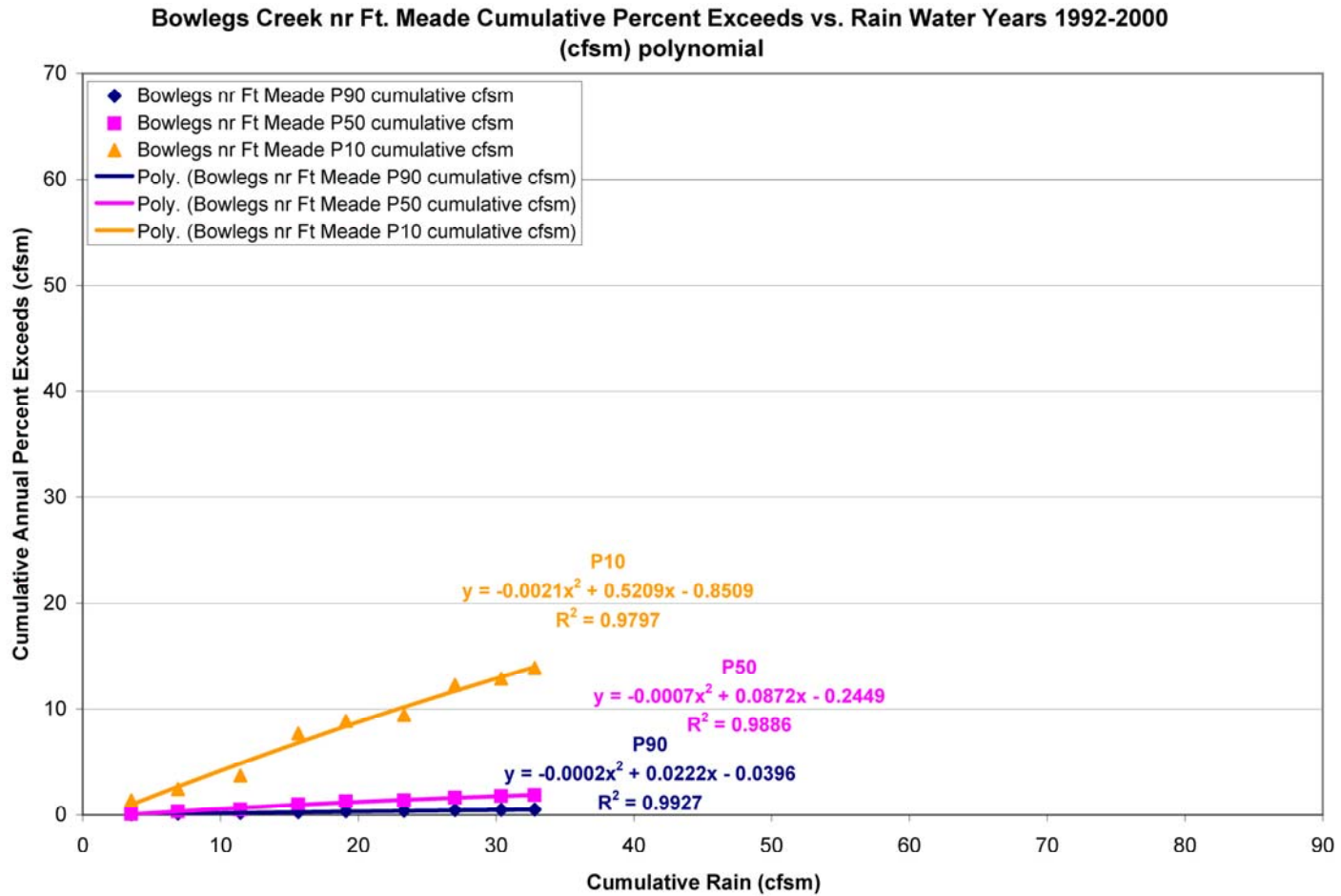


Figure I-9. Bowlegs Creek @ Ft. Meade Cumulative Rain Versus Percent Exceeds Streamflow (Polynomial).

**Bowlegs Creek nr Ft. Meade Cumulative Percent Exceeds vs. Rain Water Years 1992-2000
(cfsm) linear**

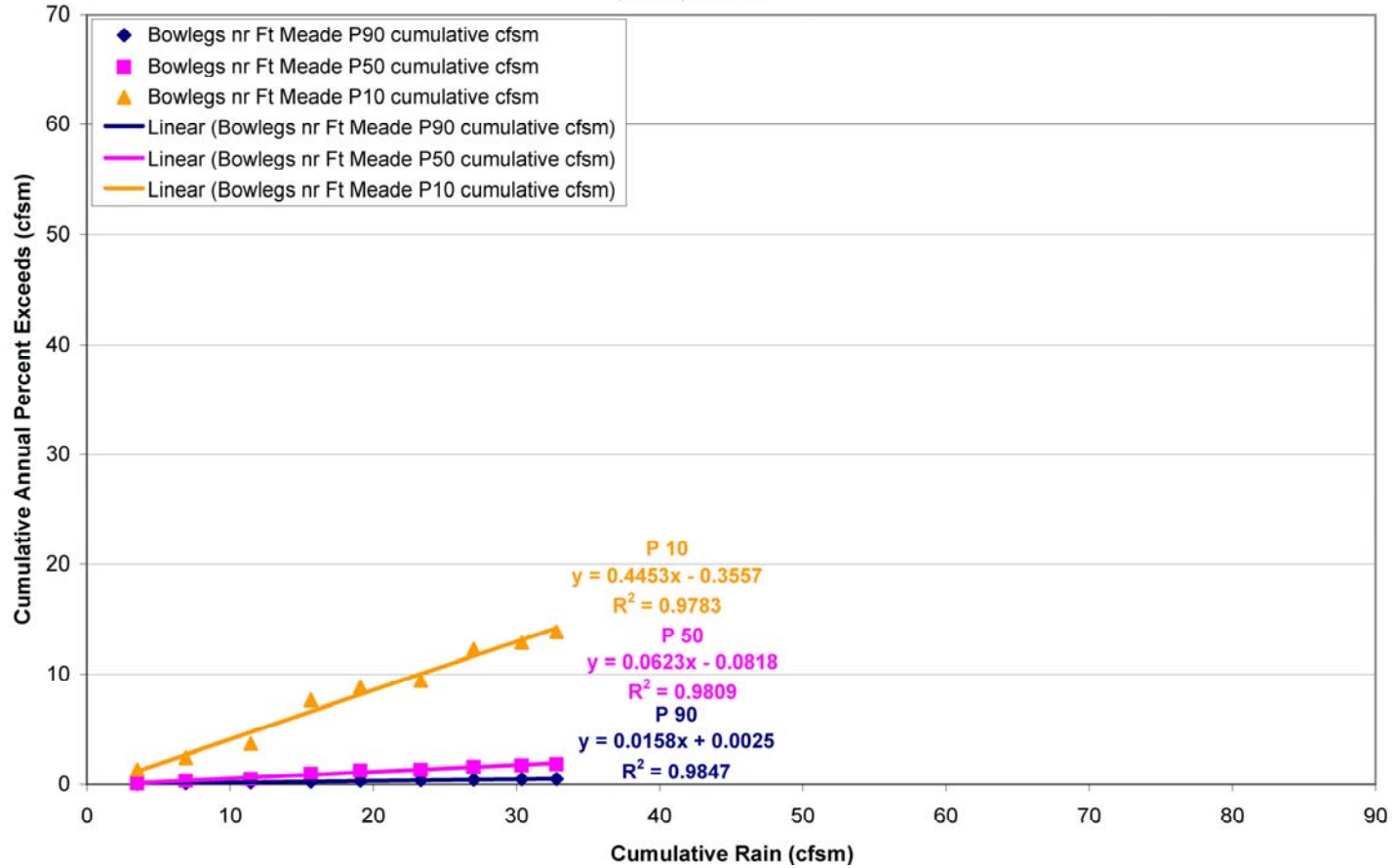


Figure I-10. Bowlegs Creek @ Ft. Meade Cumulative Rain Versus Percent Exceeds Streamflow (Linear).

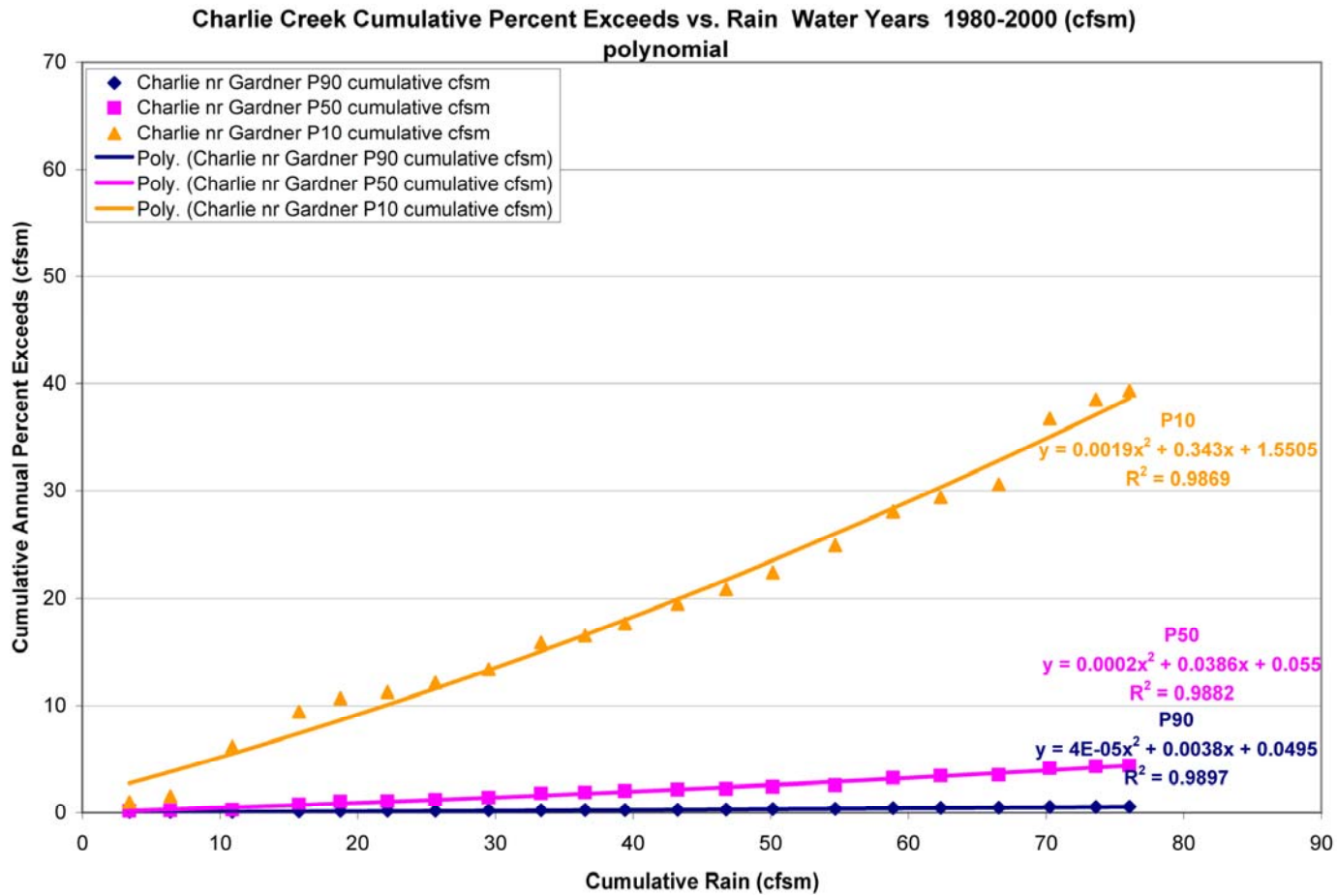


Figure I-11. Charlie Creek near Gardner Cumulative Rain Versus Percent Exceeds Streamflow (Polynomial).

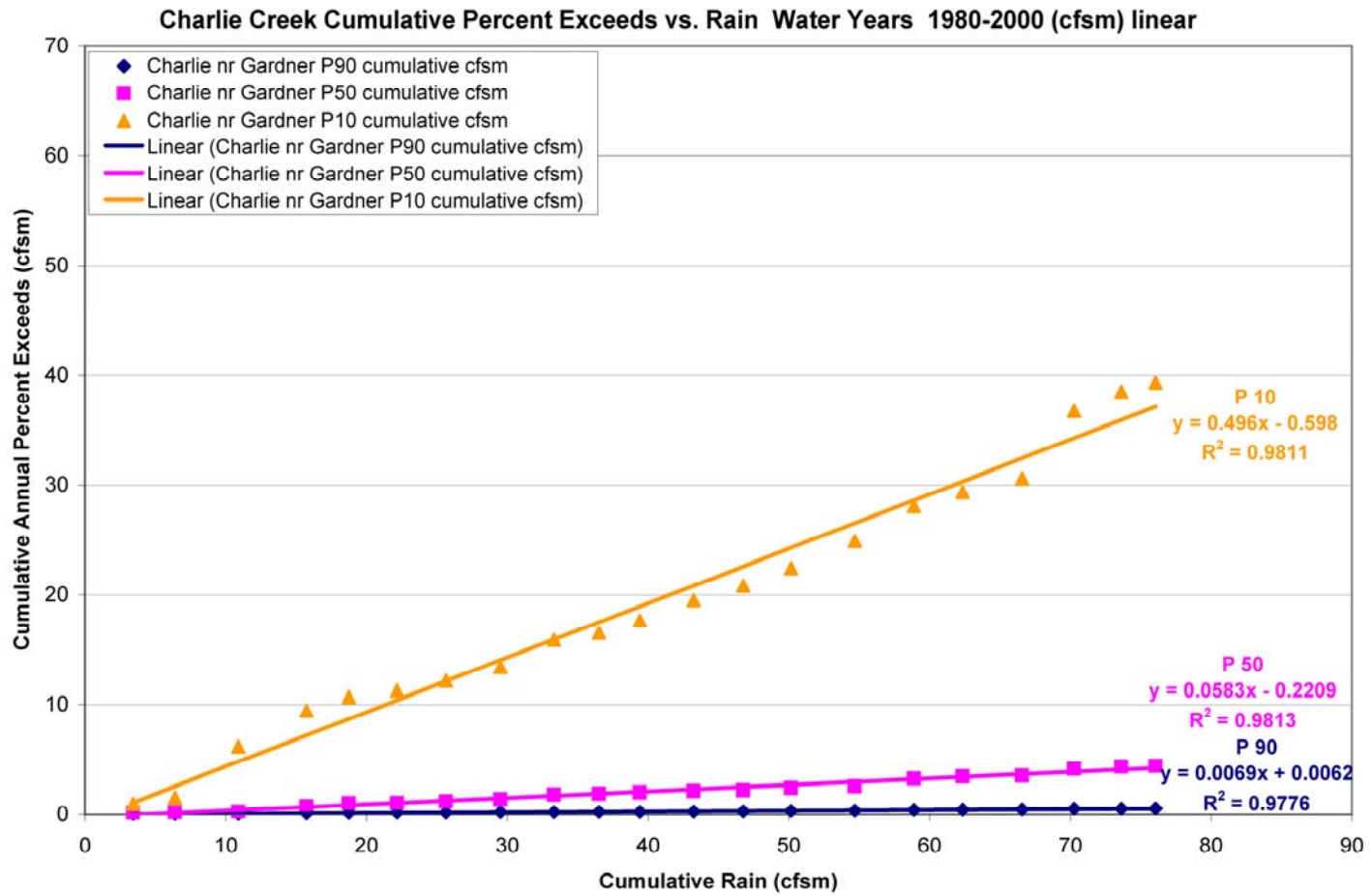


Figure I-12. Charlie Creek near Gardner Cumulative Rain Versus Percent Exceeds Streamflow (Linear).

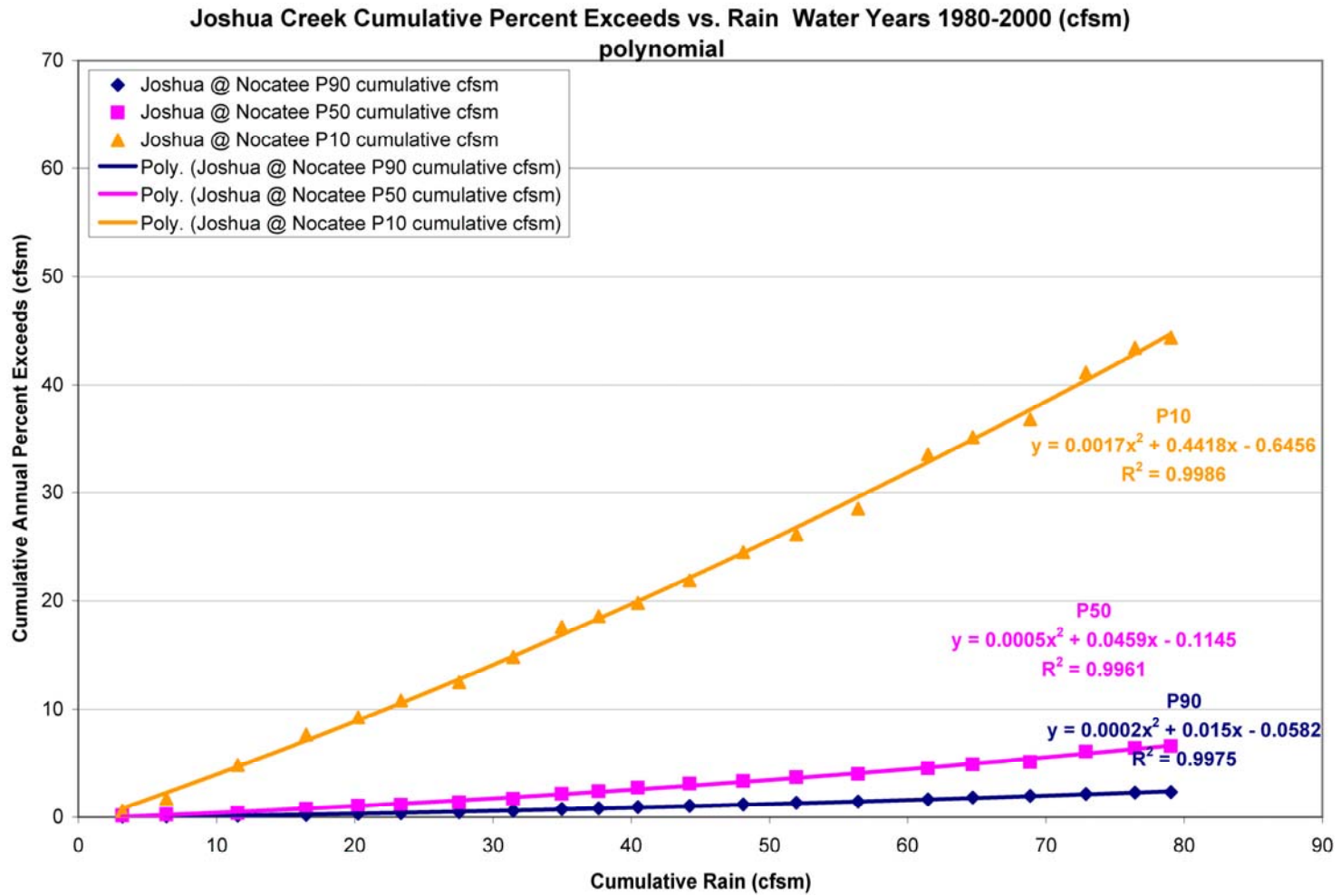


Figure I-13. Joshua Creek @ Nocatee Cumulative Rain Versus Percent Exceeds Streamflow (Polynomial).

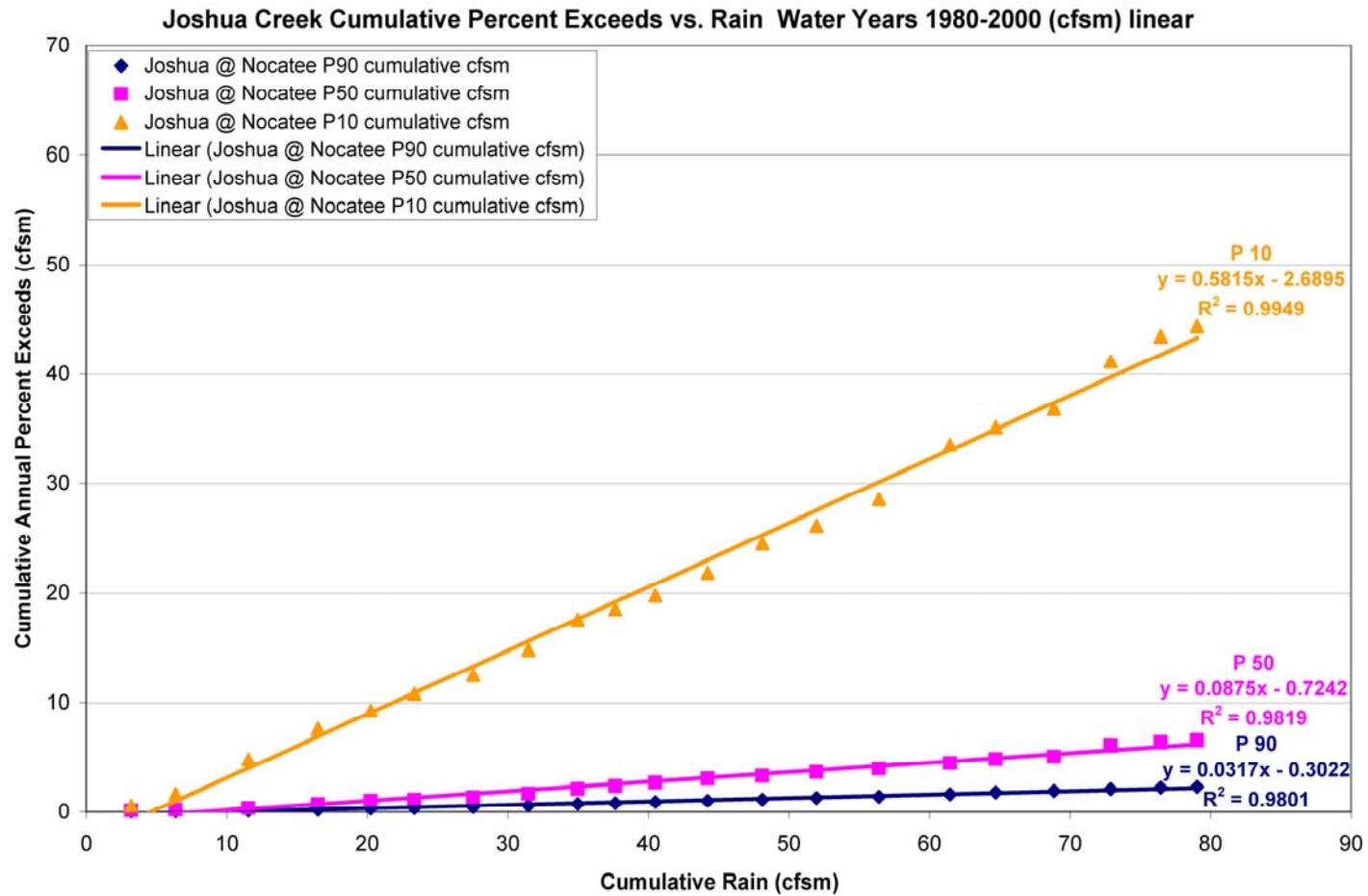


Figure I-14. Joshua Creek @ Nocatee Cumulative Rain Versus Percent Exceeds Streamflow (Linear).

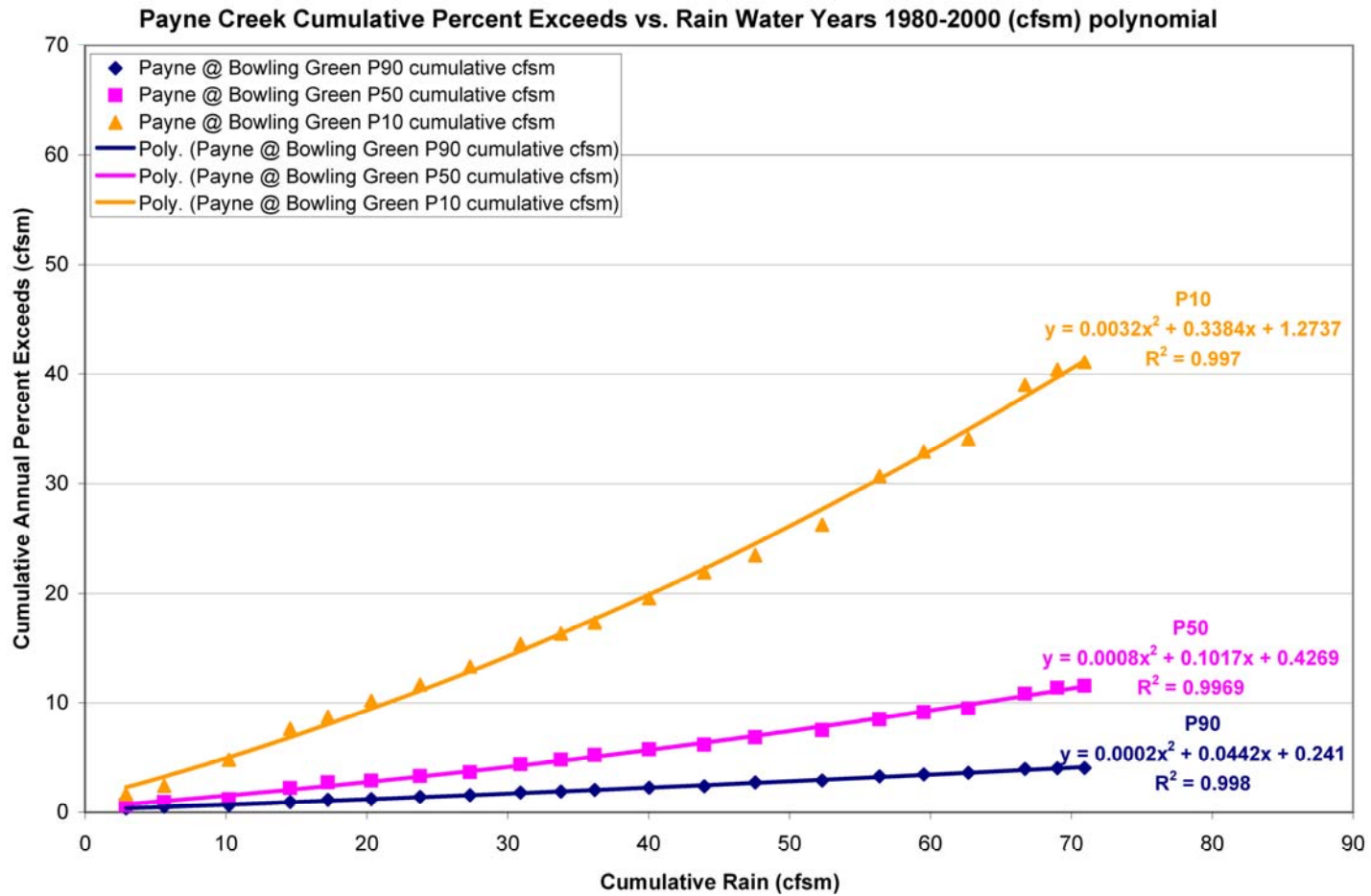


Figure I-15. Payne Creek @ Bowling Green Cumulative Rain Versus Percent Exceeds Streamflow (Polynomial).

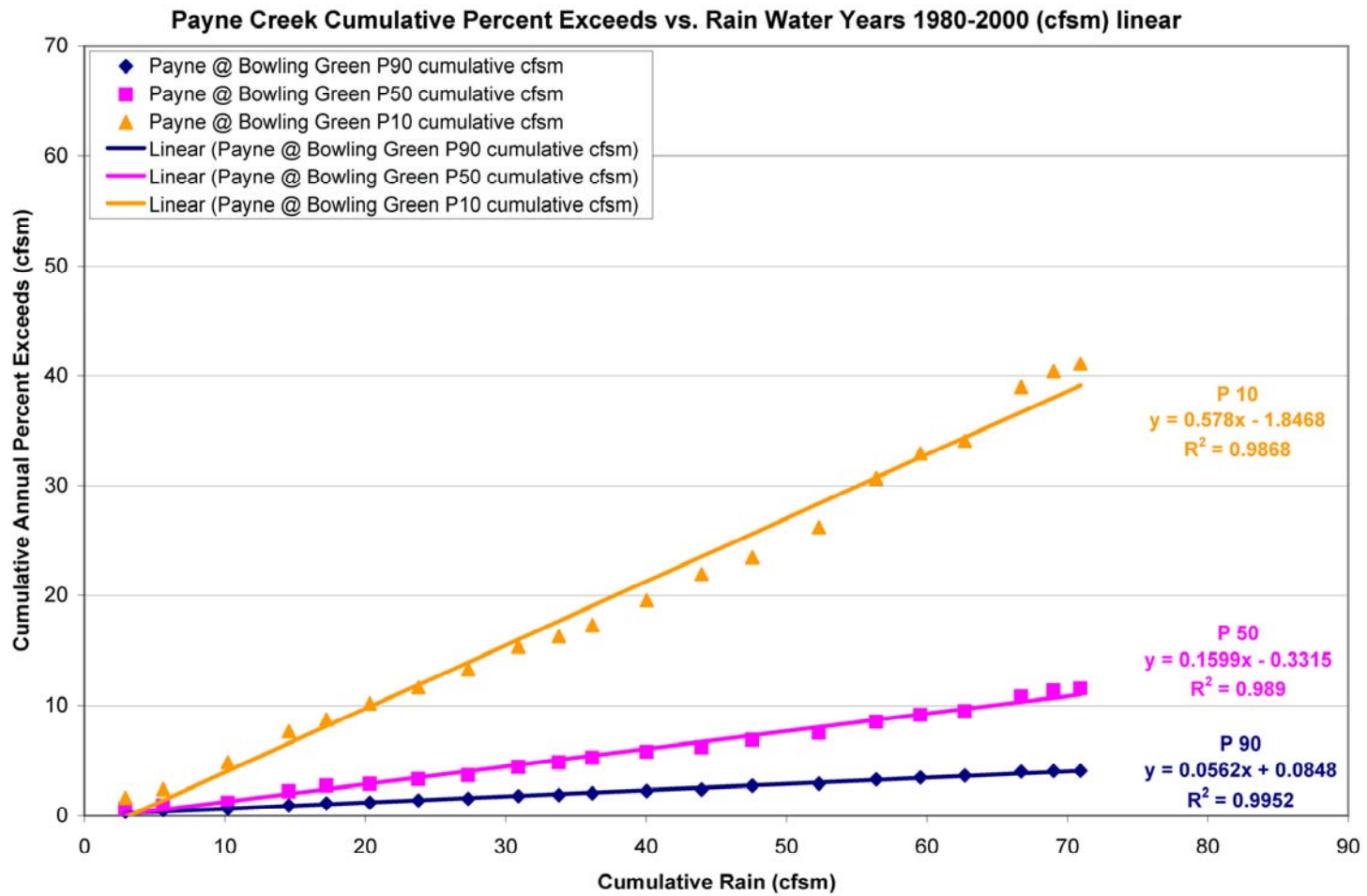


Figure I-16. Payne Creek @ Bowling Green Cumulative Rain Versus Percent Exceeds Streamflow (Linear).

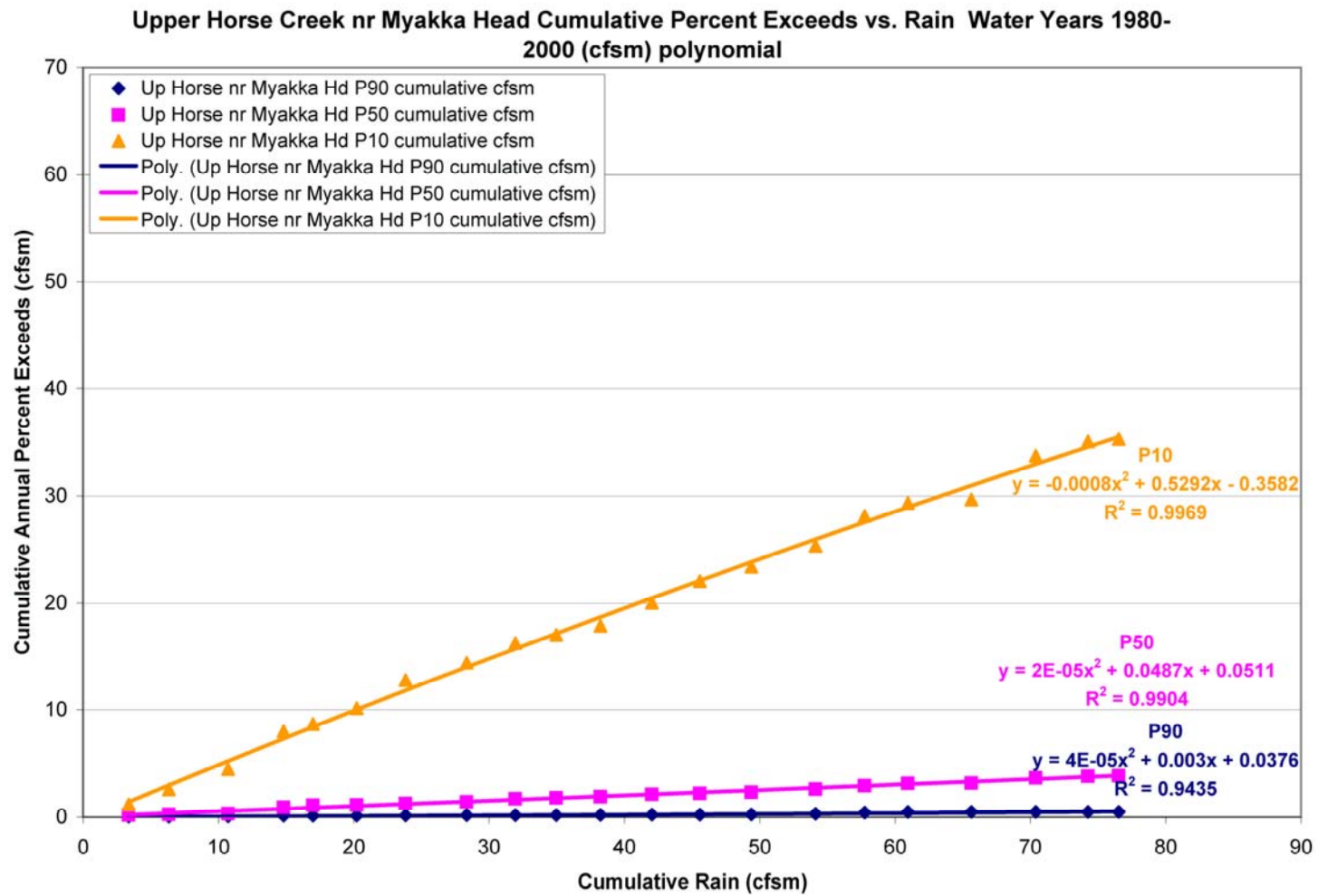


Figure I-17. Upper Horse Creek near Myakka Head Cumulative Rain Versus Percent Exceeds Streamflow (Polynomial).

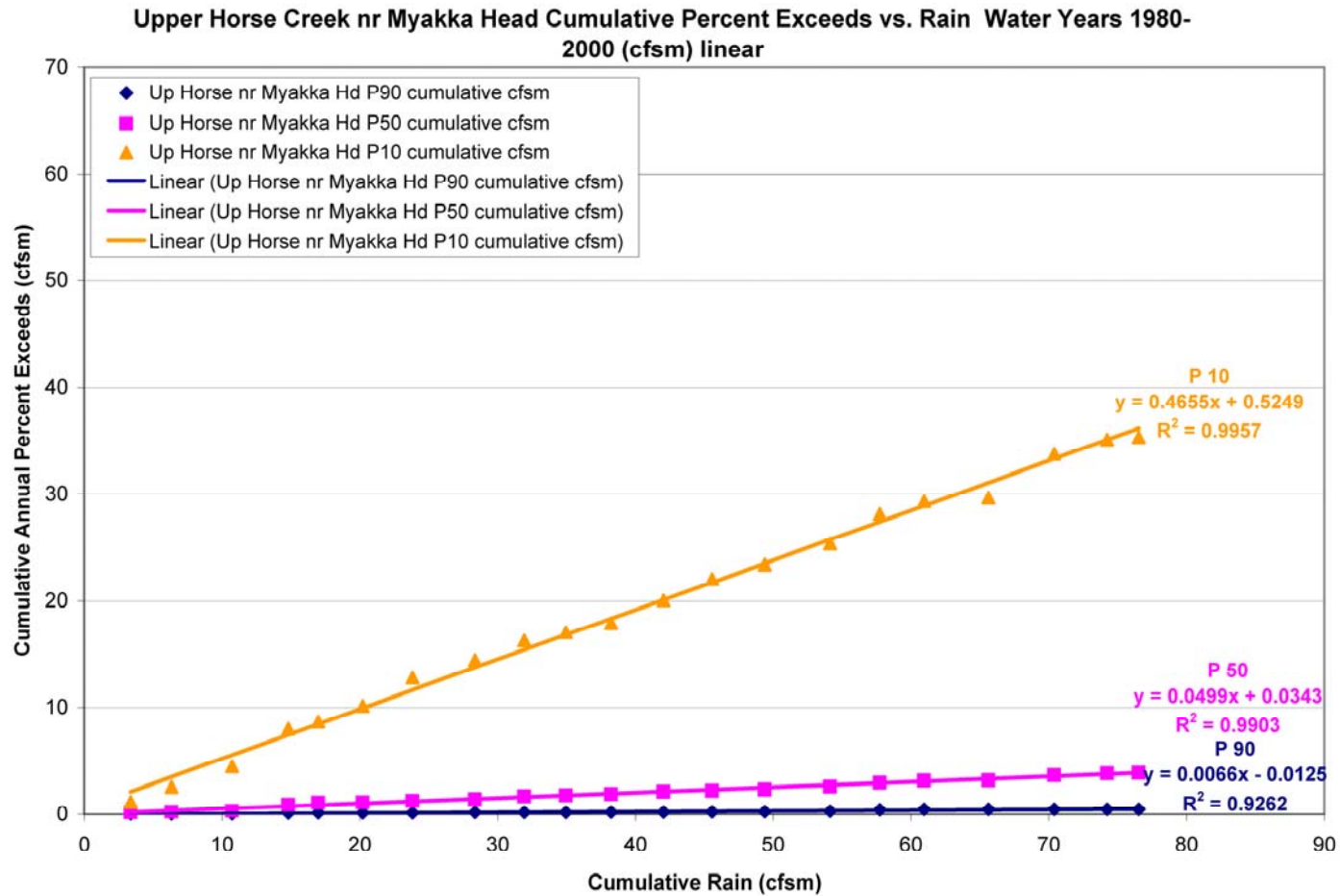


Figure I-18. Upper Horse Creek near Myakka Head Cumulative Rain Versus Percent Exceeds Streamflow (Linear).

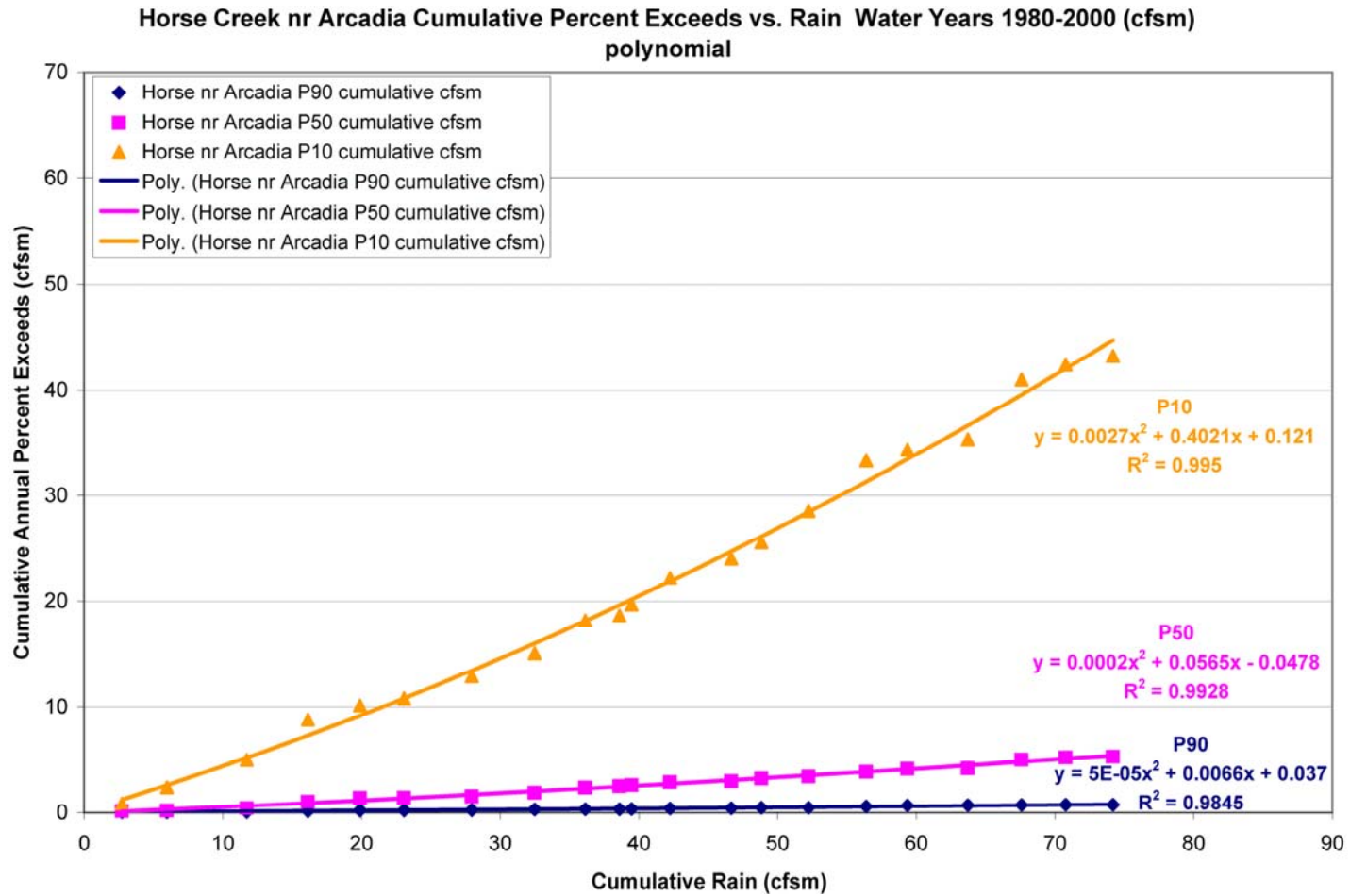


Figure I-19. Horse Creek near Arcadia Cumulative Rain Versus Percent Exceeds Streamflow (Polynomial).

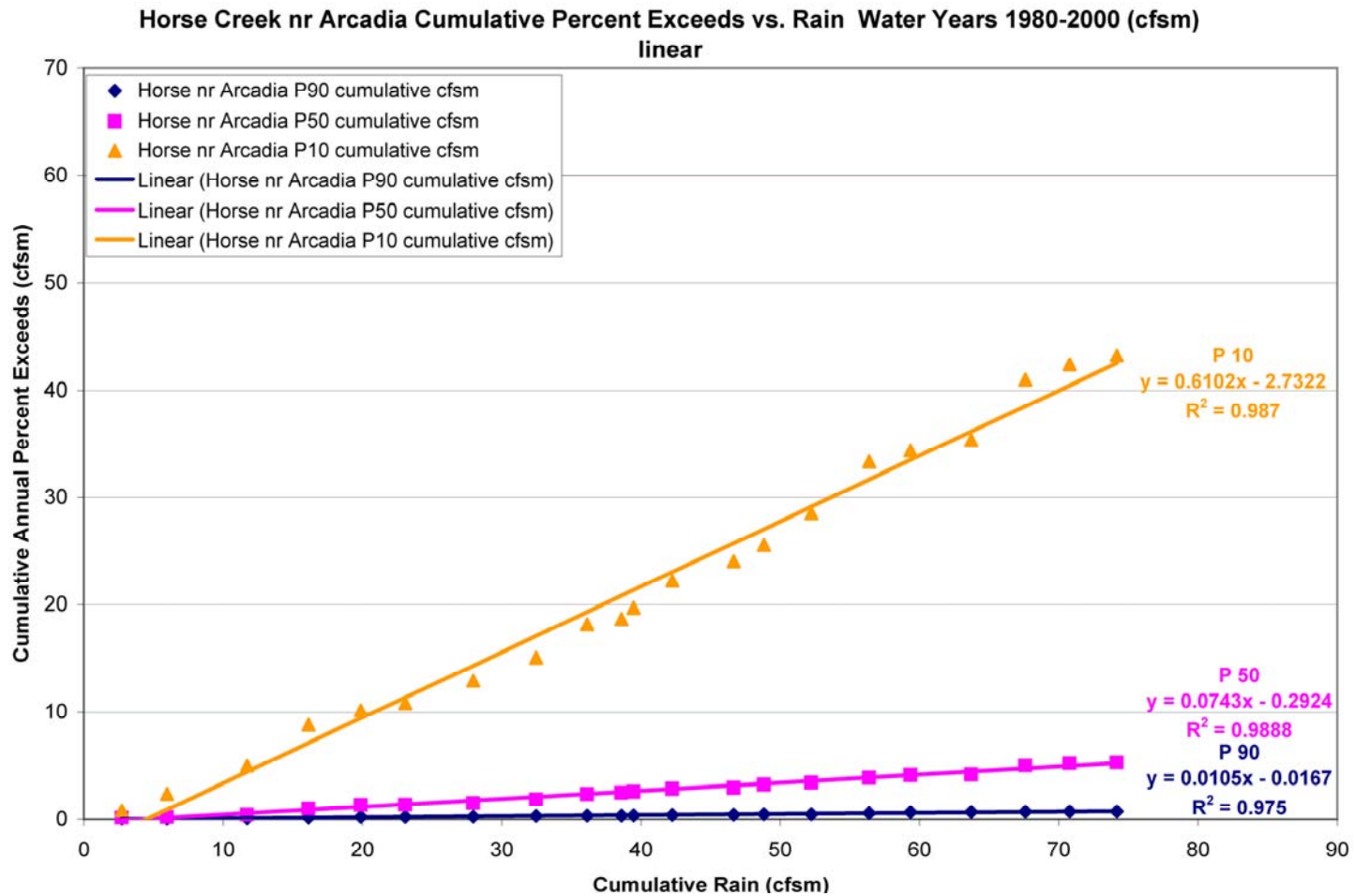


Figure I-20. Horse Creek near Arcadia Cumulative Rain Versus Percent Exceeds Streamflow (Linear).

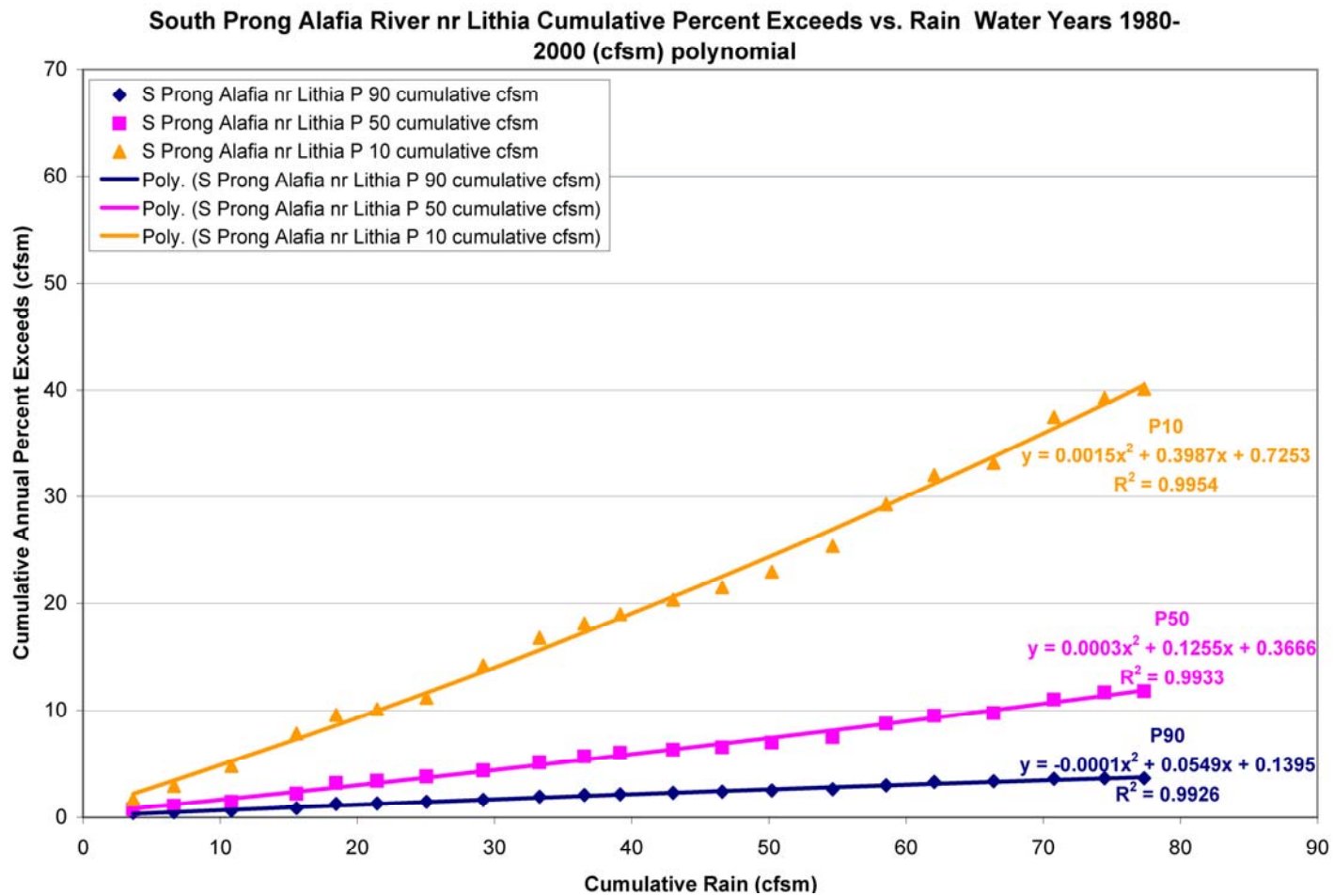


Figure I-21. S Prong Alafia River near Lithia Cumulative Rain Versus Percent Exceeds Streamflow (Polynomial).

South Prong Alafia River nr Lithia Cumulative Percent Exceeds vs. Rain Water Years 1980-2000 (cfsm) linear

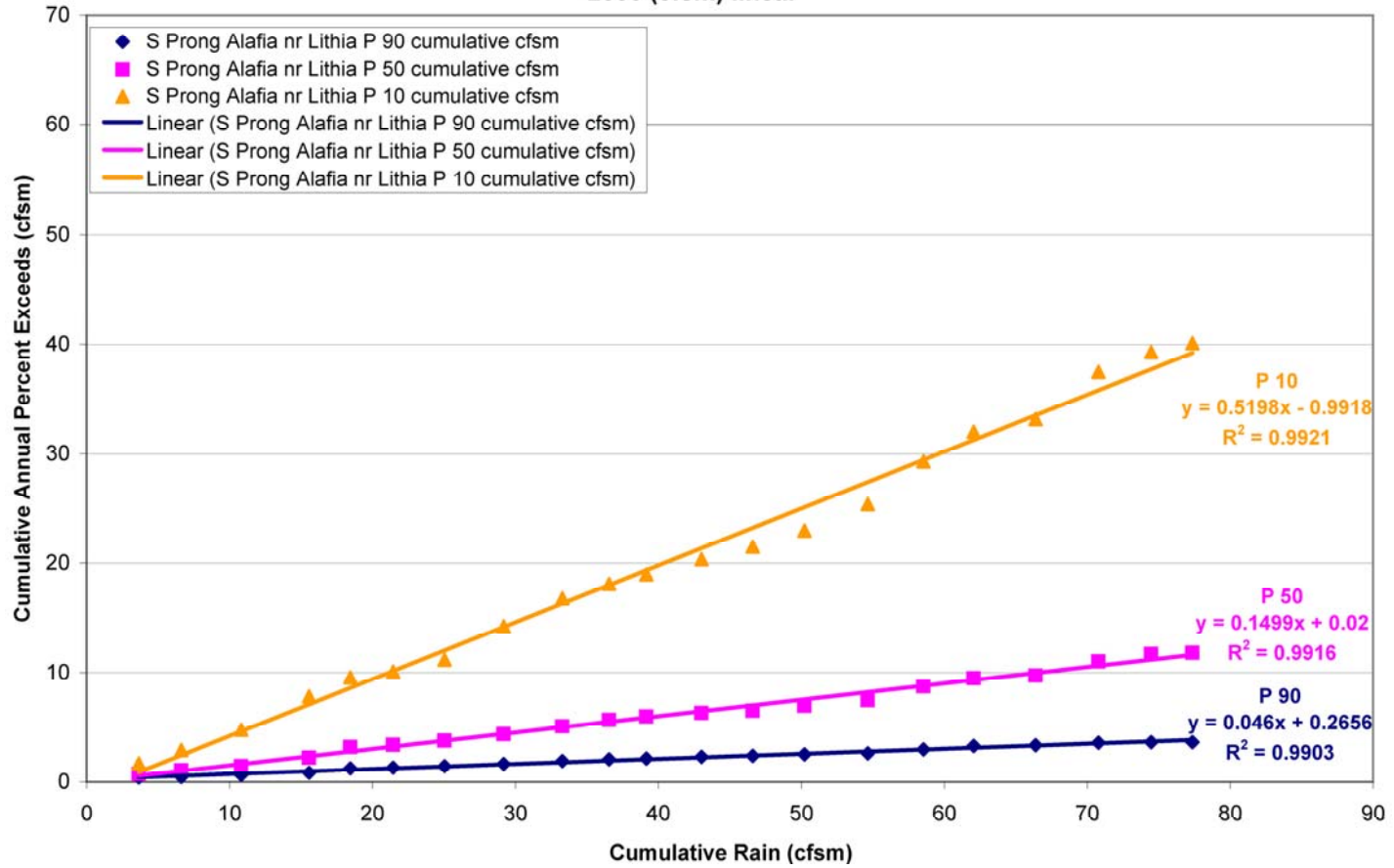


Figure I-22. S Prong Alafia River near Lithia Cumulative Rain Versus Percent Exceeds Streamflow (Linear).

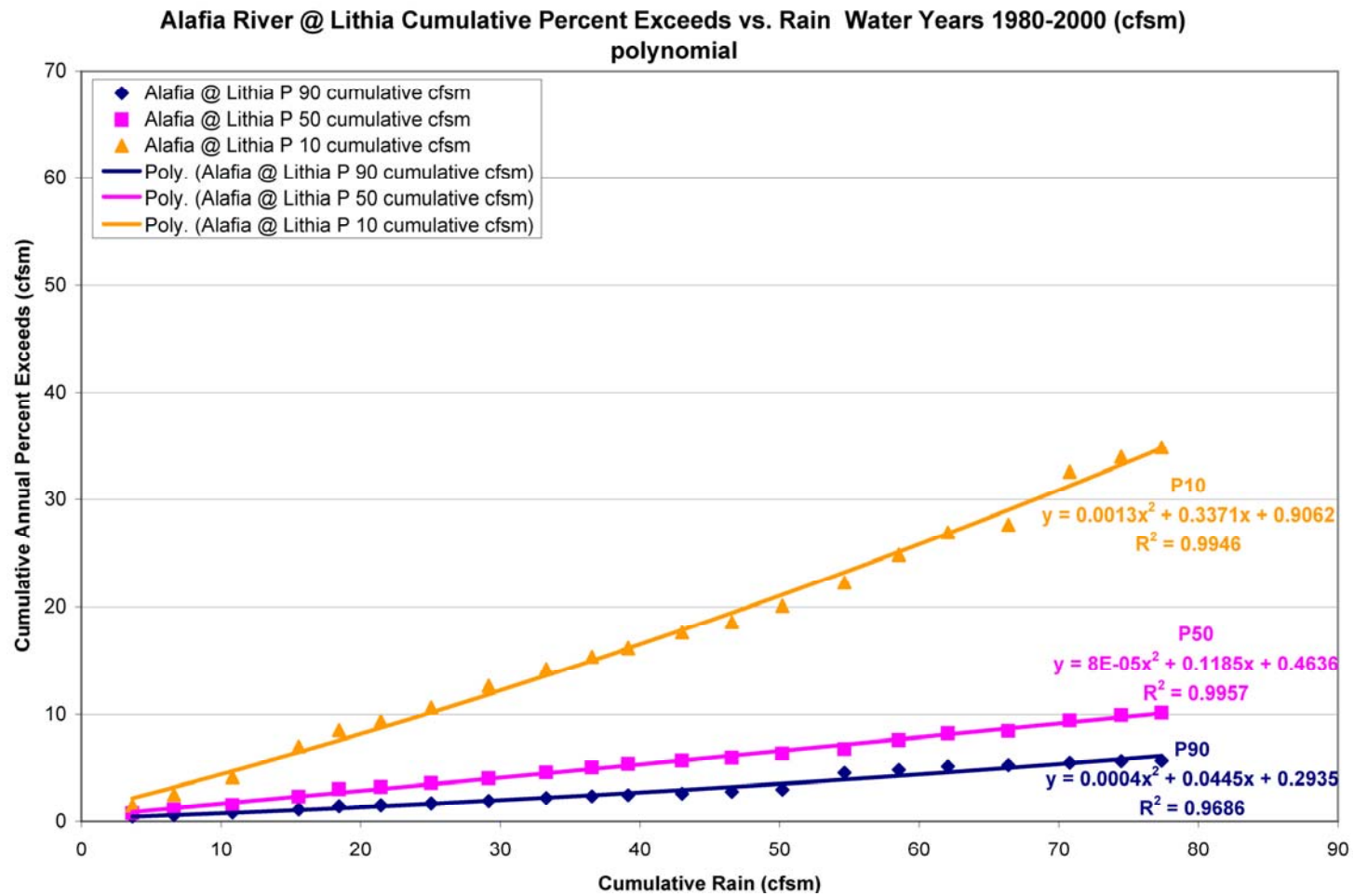


Figure I-23. Alafia River @ Lithia Cumulative Rain Versus Percent Exceeds Streamflow (Polynomial).

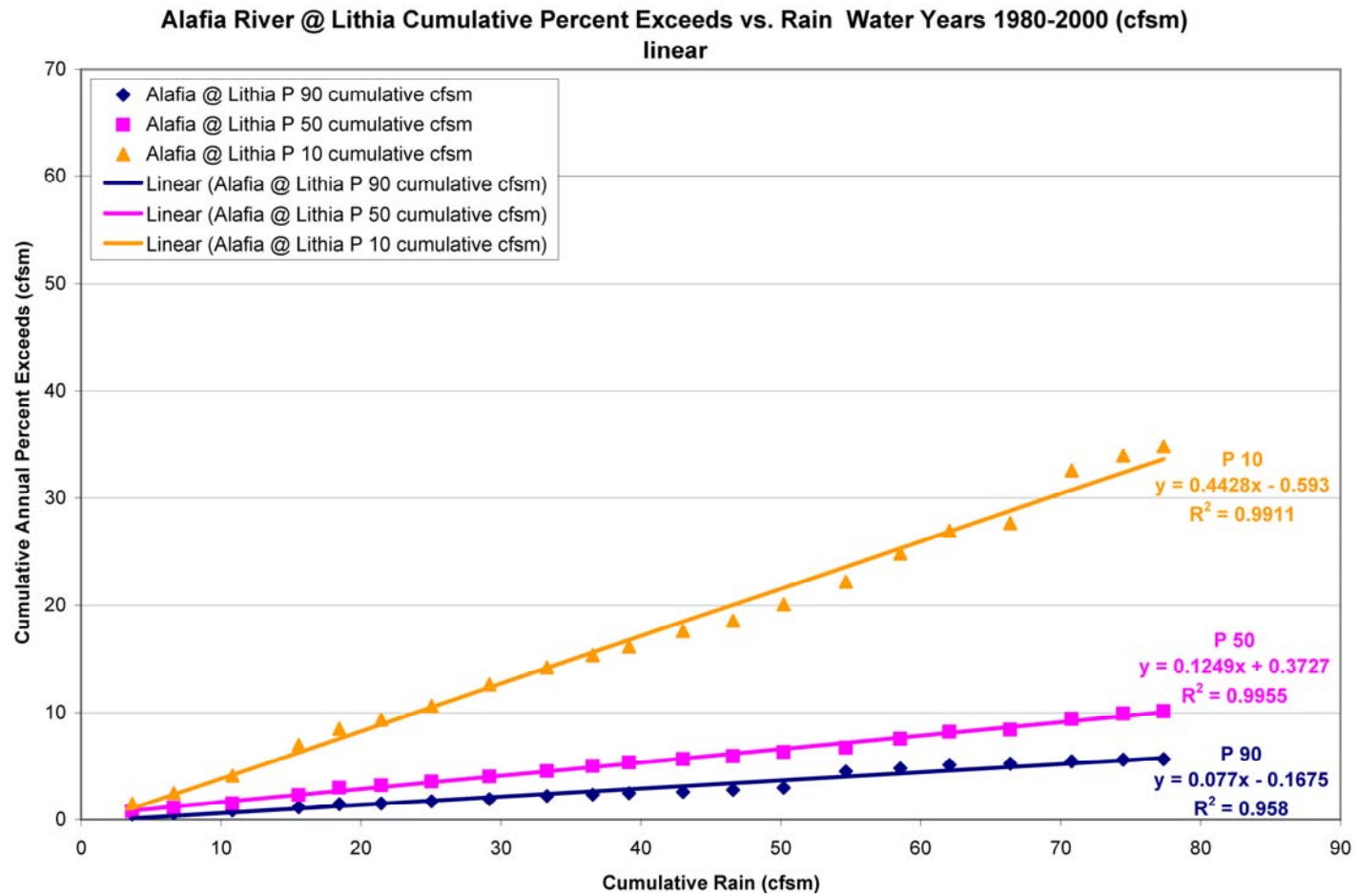


Figure I-24. Alafia River @ Lithia Cumulative Rain Versus Percent Exceeds Streamflow (Linear).

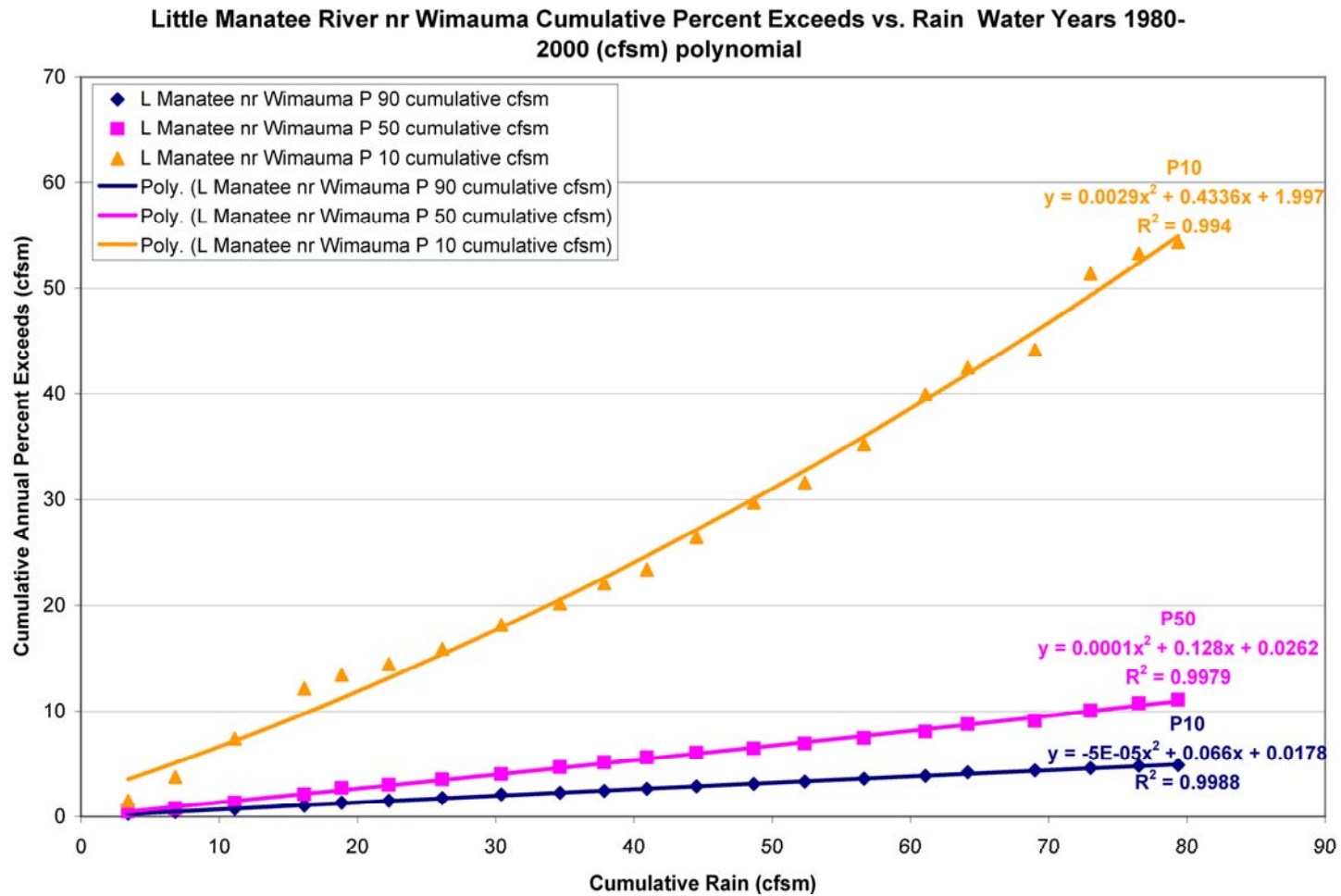


Figure I-25. Little Manatee River near Wimauma Cumulative Rain Versus Percent Exceeds Streamflow (Polynomial).

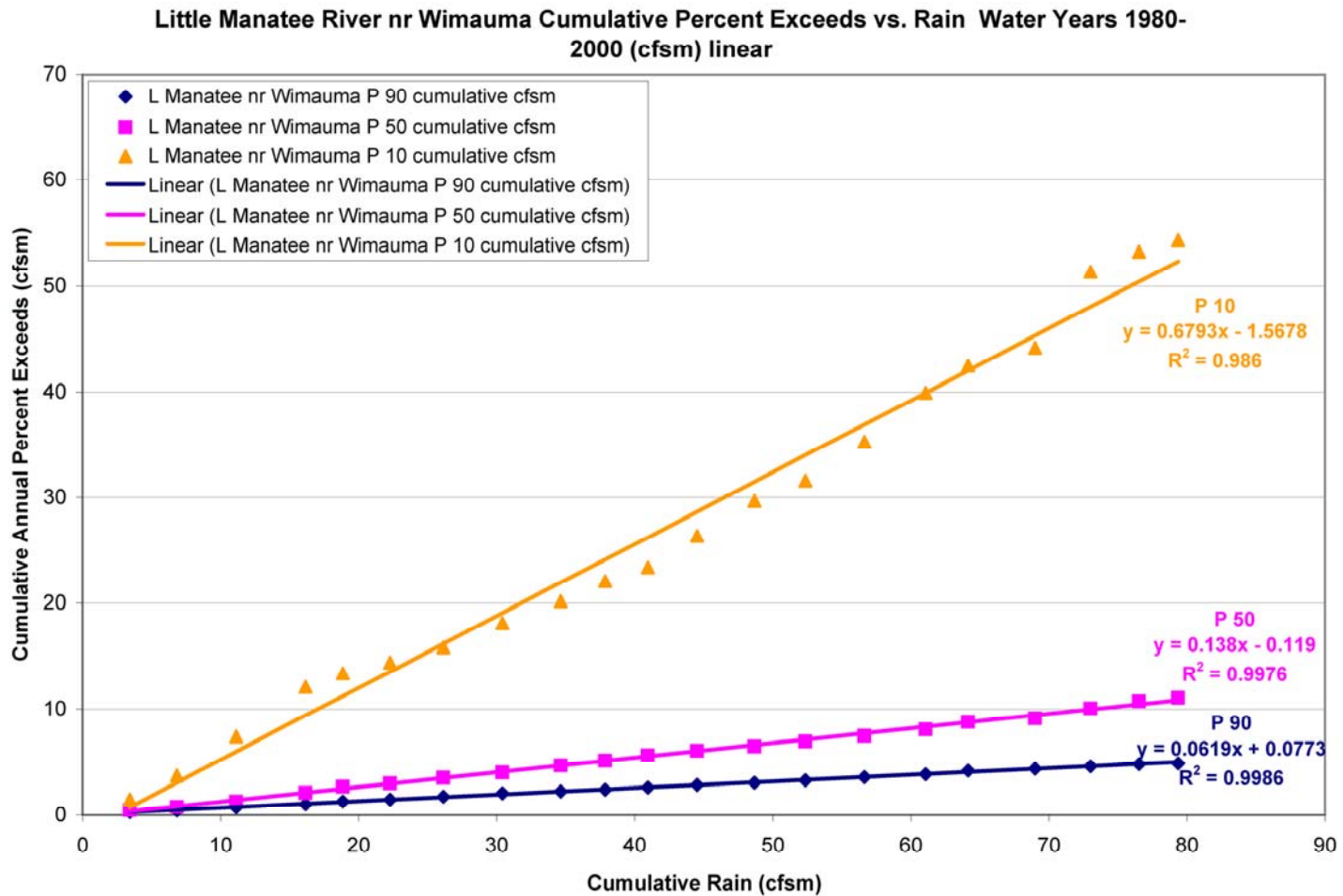


Figure I-26. Little Manatee River near Wimauma Cumulative Rain Versus Percent Exceeds Streamflow (Linear).

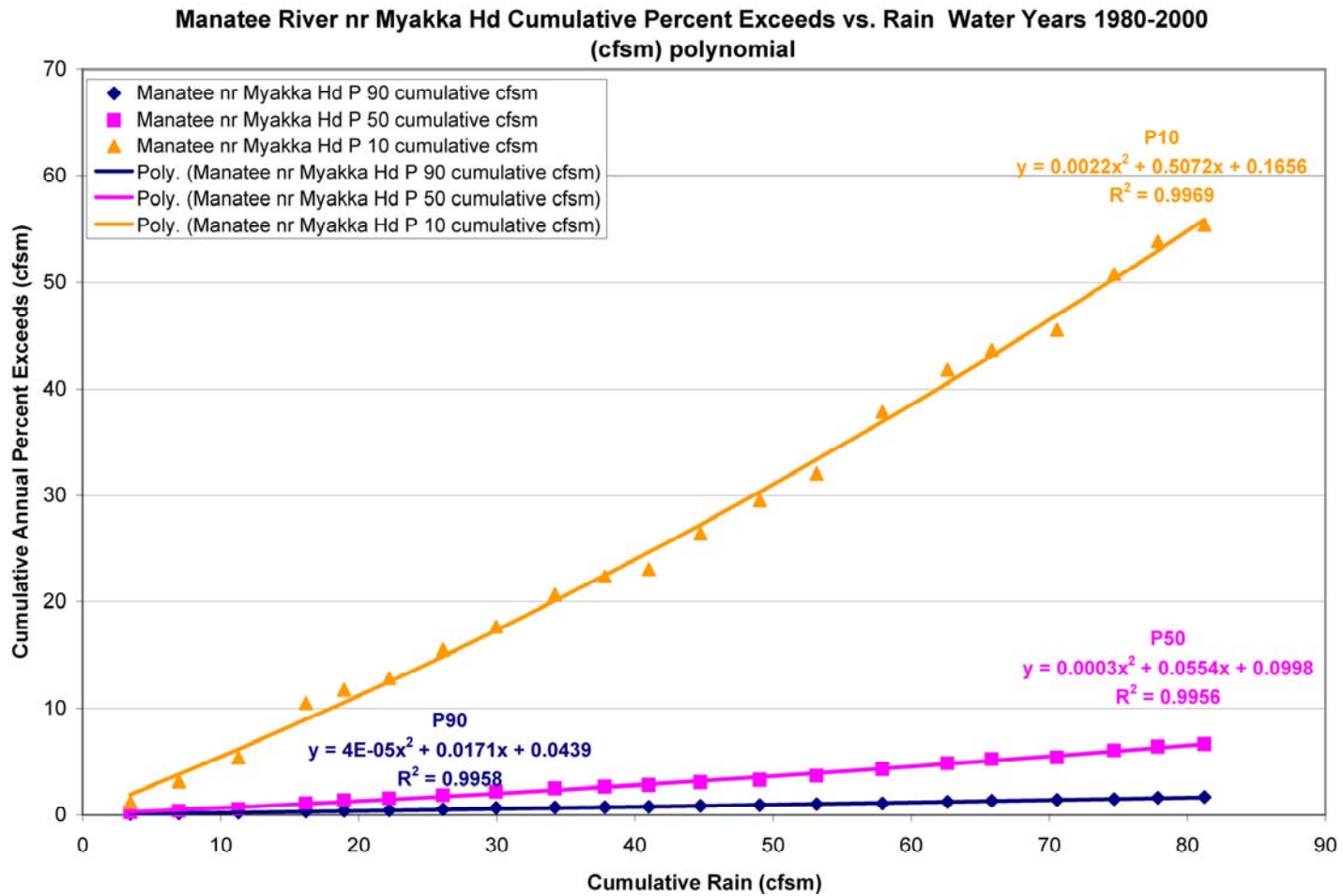


Figure I-27. Manatee River near Myakka Head Cumulative Rain Versus Percent Exceeds Streamflow (Polynomial).

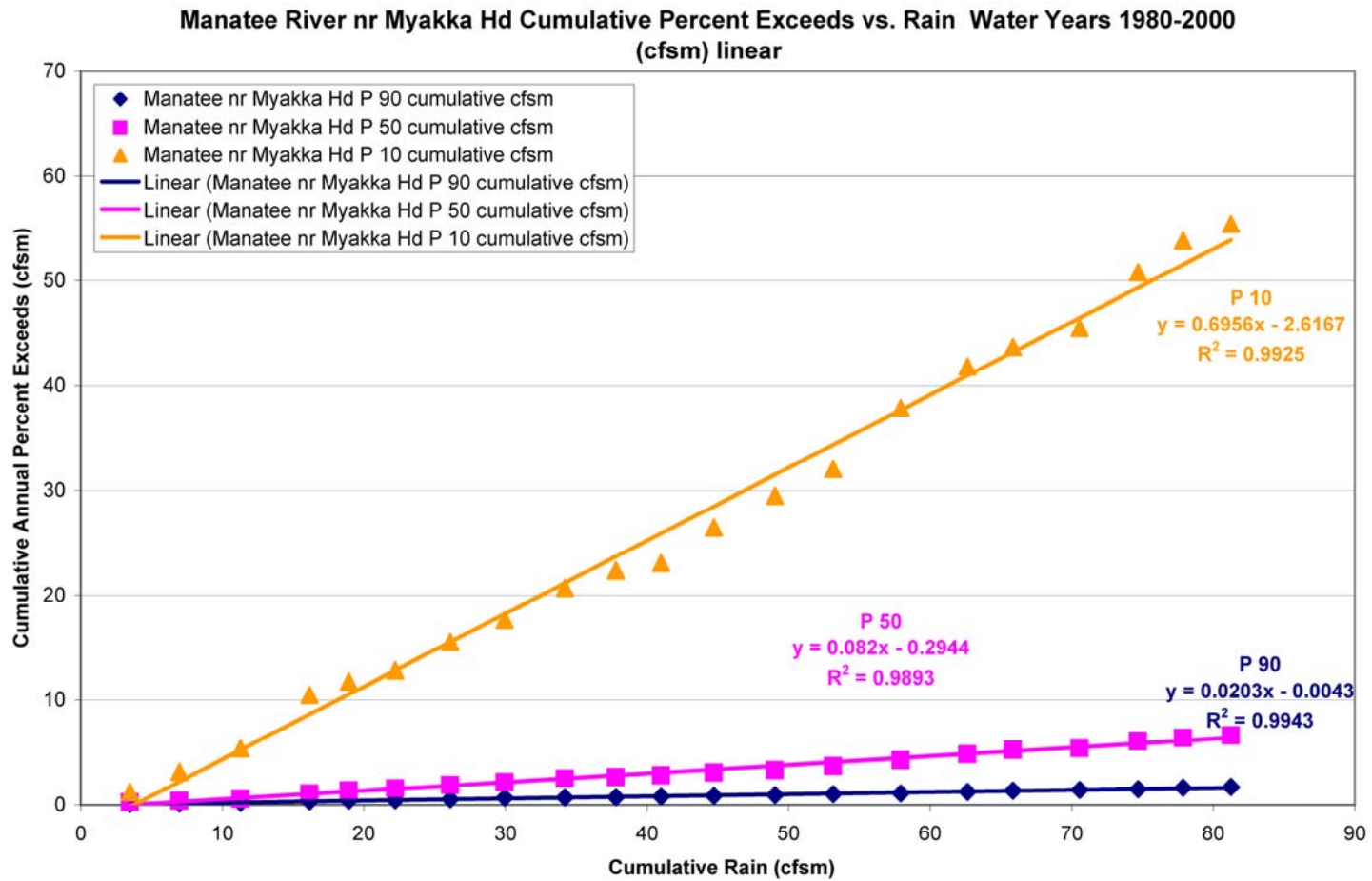


Figure I-28. Manatee River near Myakka Head Cumulative Rain Versus Percent Exceeds Streamflow (Linear).

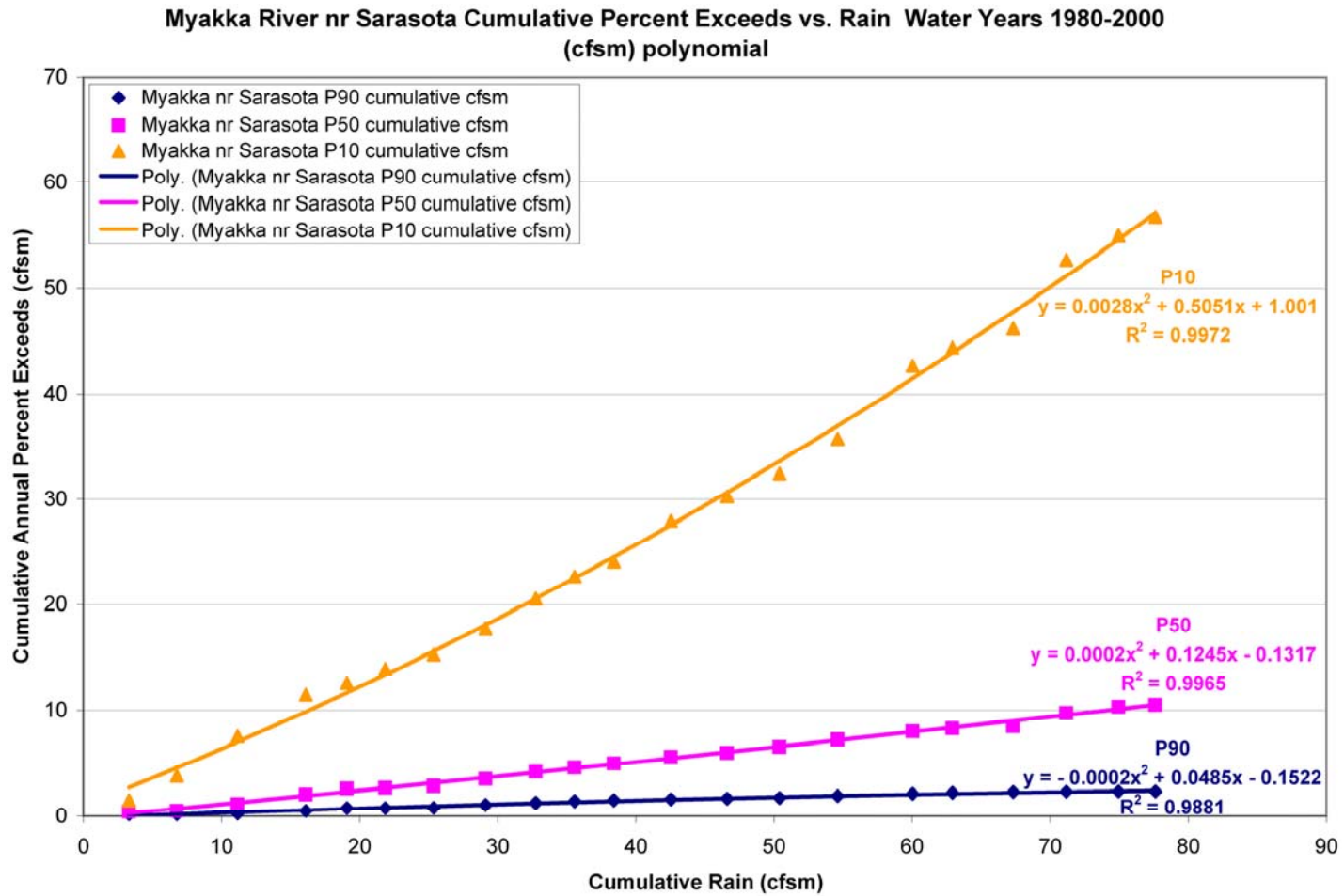


Figure I-29. Myakka River near Sarasota Cumulative Rain Versus Percent Exceeds Streamflow (Polynomial).

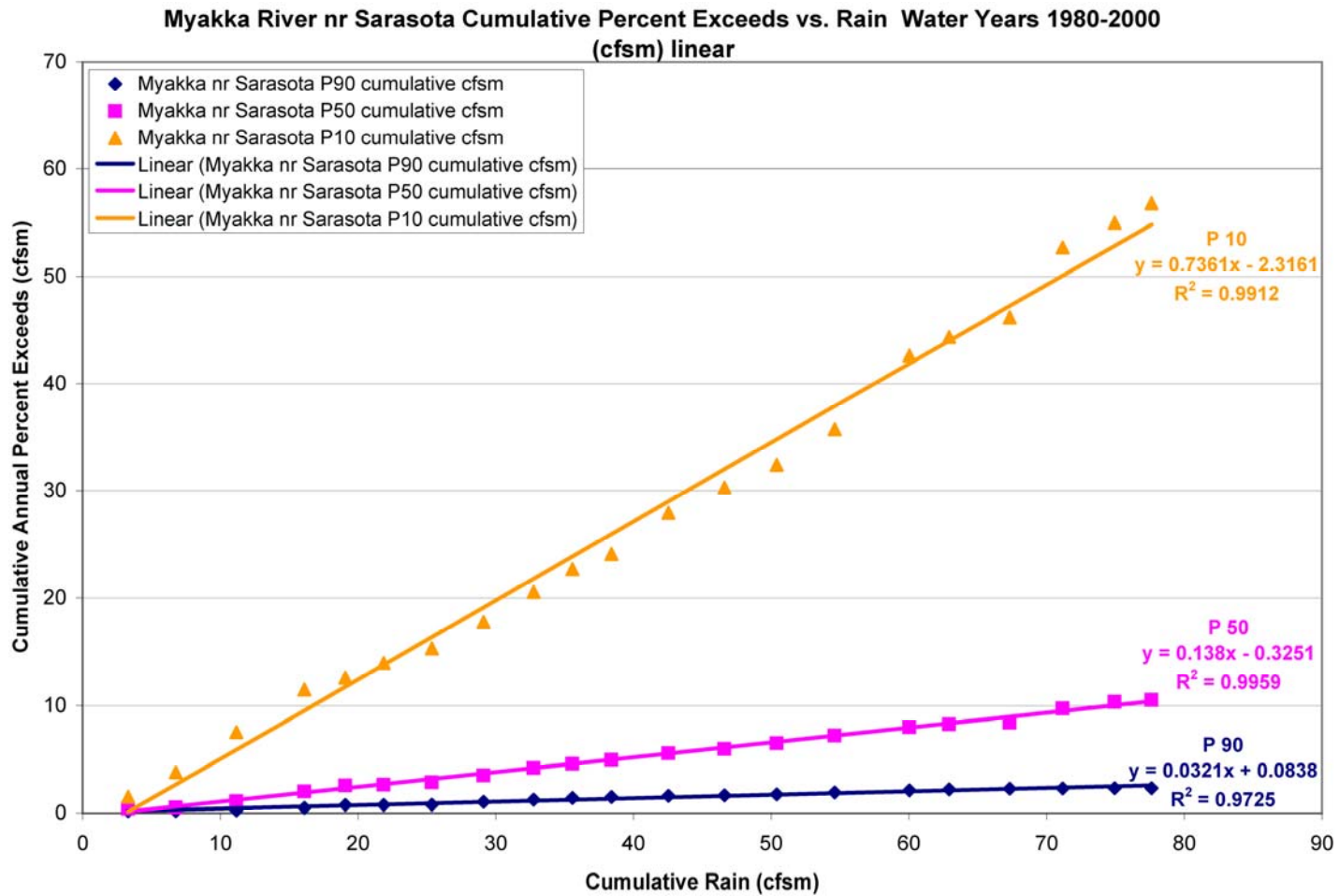


Figure I-30. Myakka River near Sarasota Cumulative Rain Versus Percent Exceeds Streamflow (Linear).

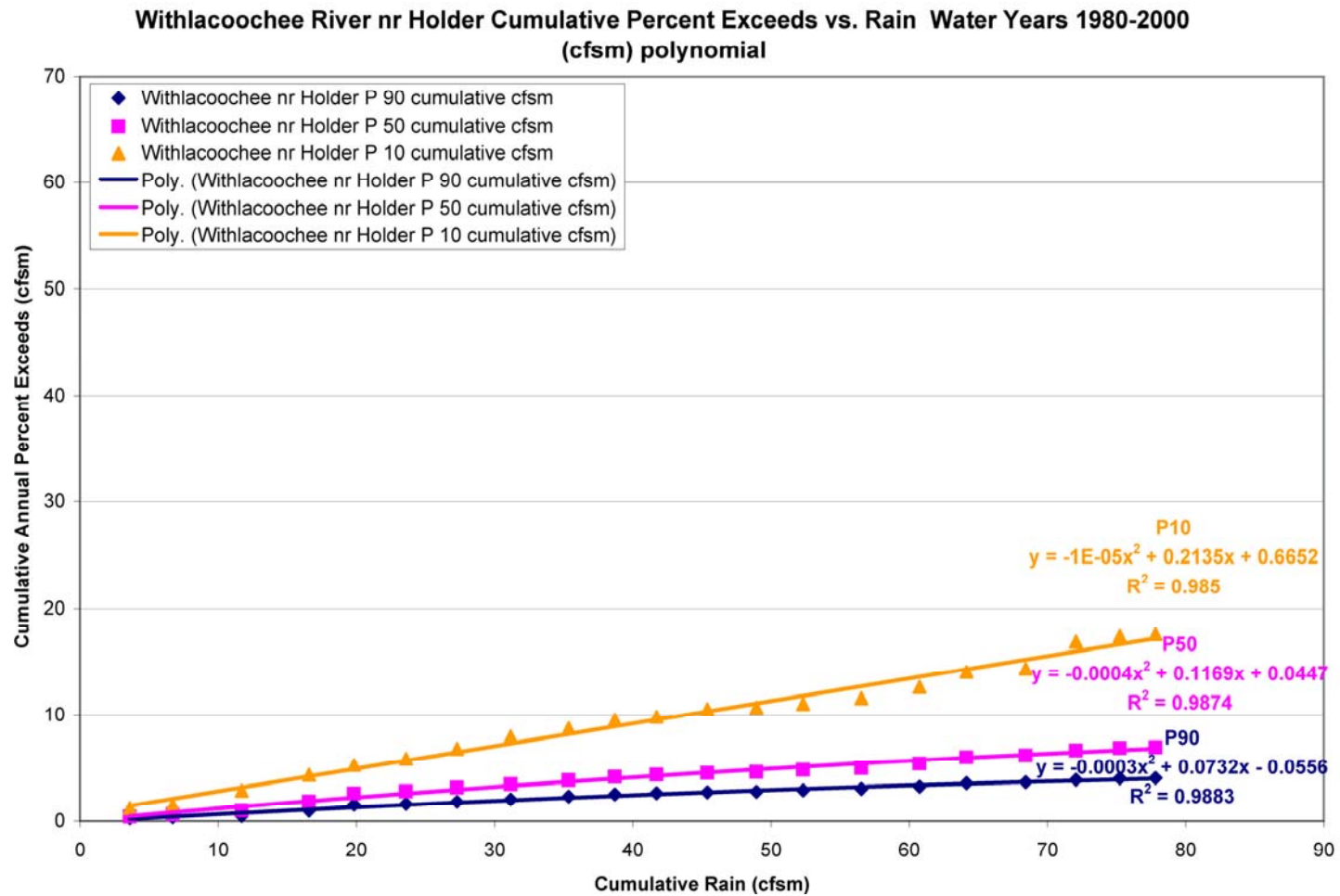


Figure I-31. Withlacoochee River near Holder Cumulative Rain Versus Percent Exceeds Streamflow (Polynomial).

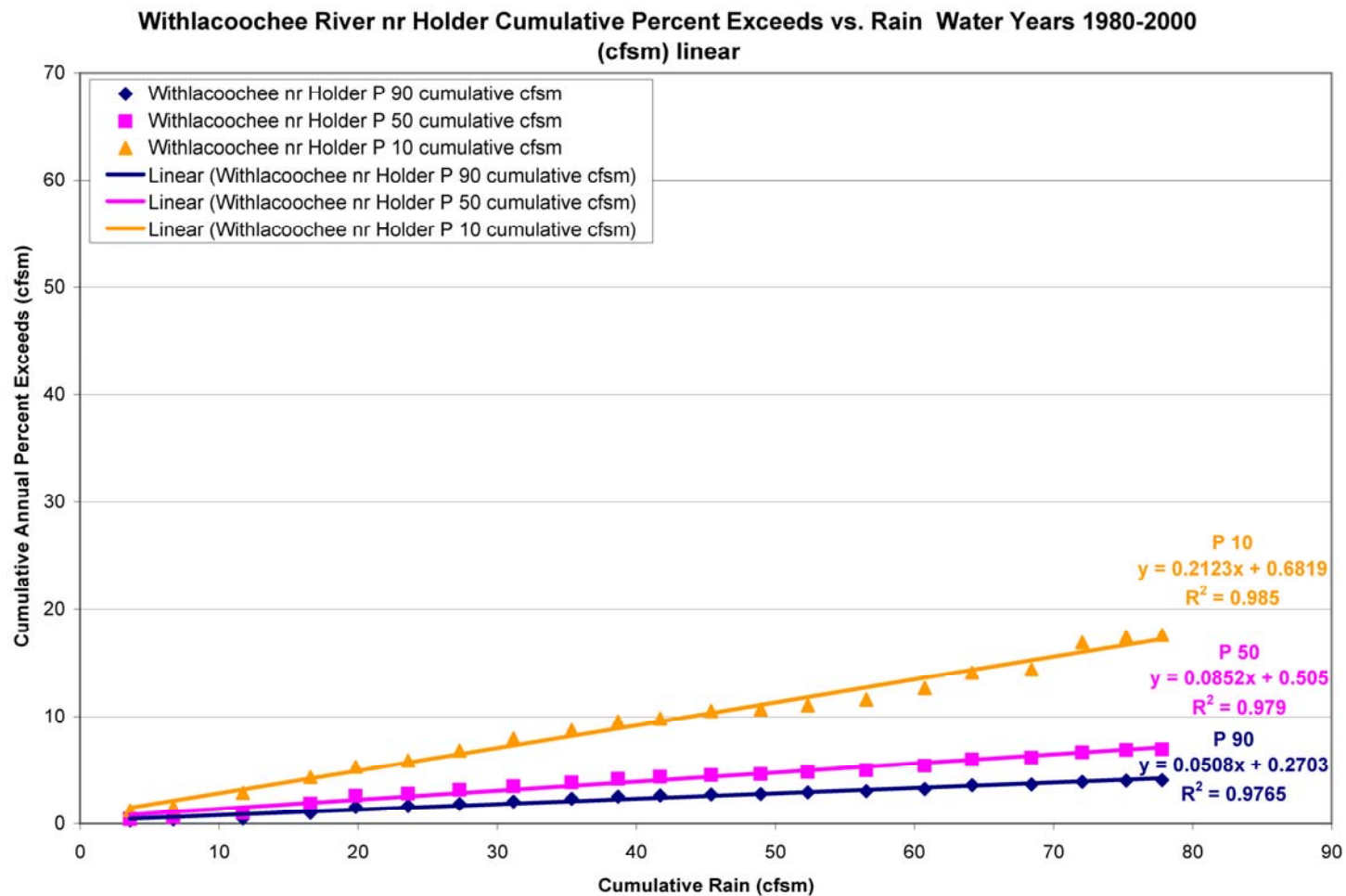


Figure I-32. Withlacoochee River near Holder Cumulative Rain Versus Percent Exceeds Streamflow (Linear).