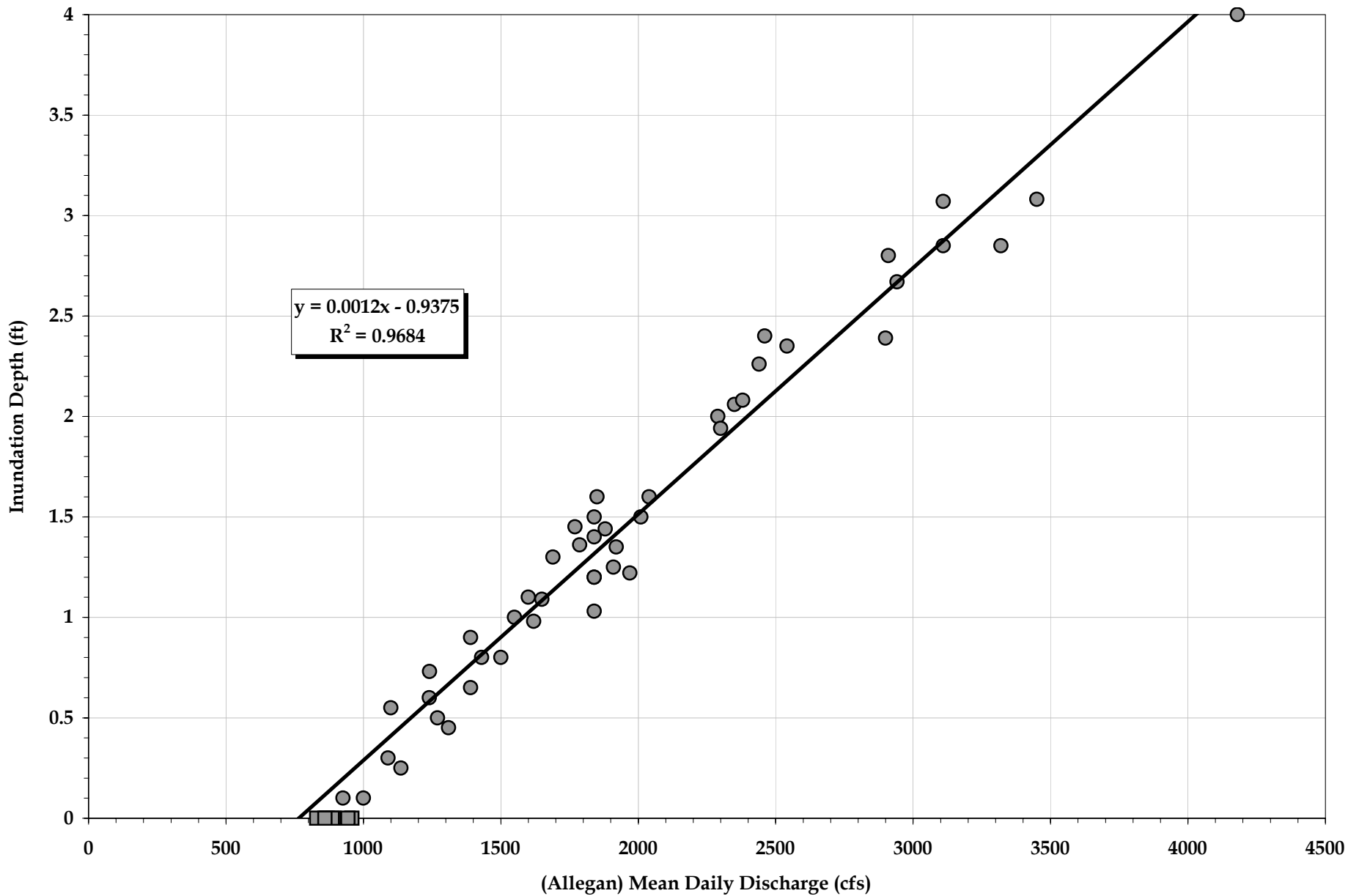


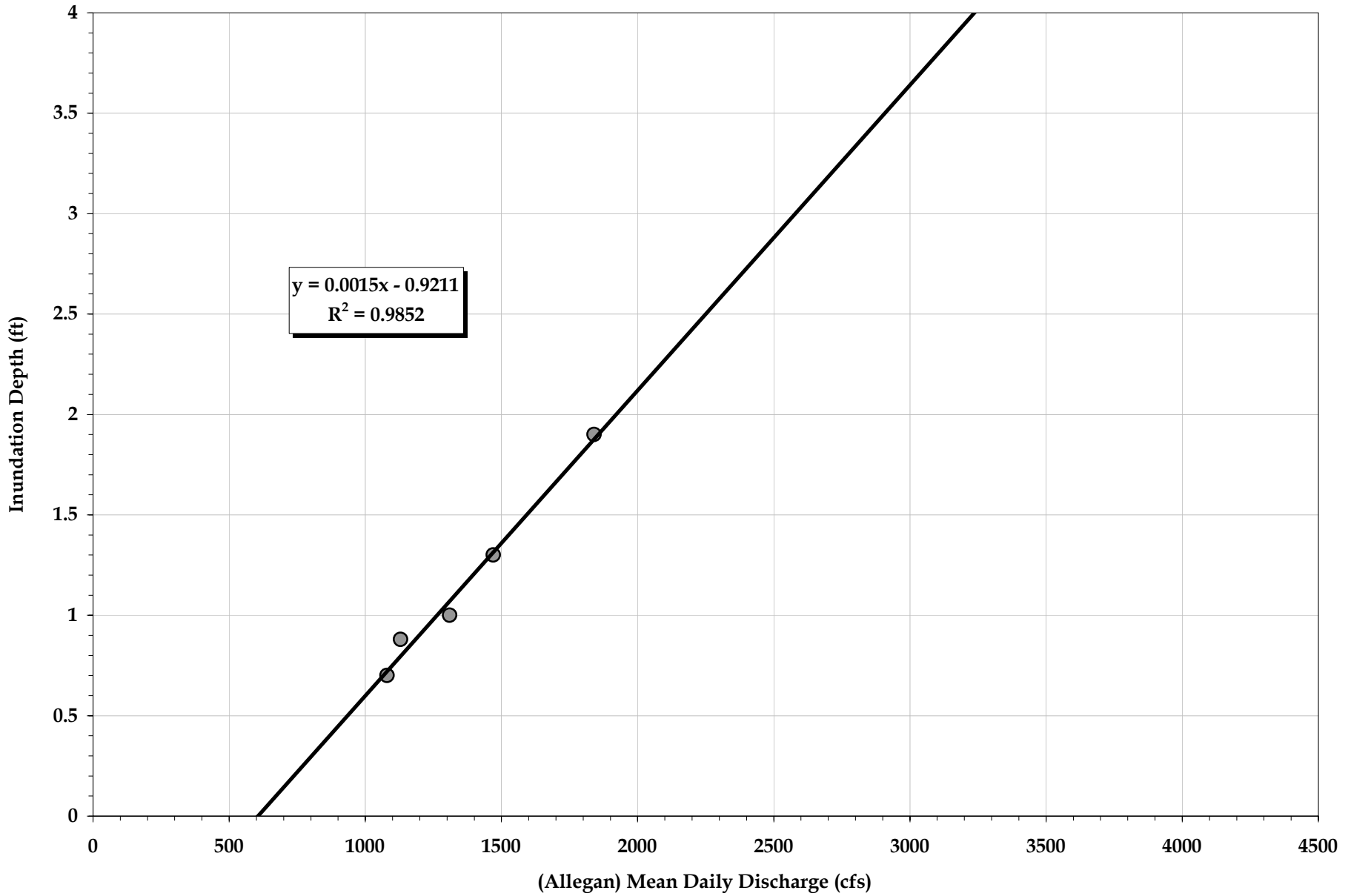
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Appendix B-3	Inundation Depth Correlation At SPMD 2 to (Allegan) Mean Daily Discharge
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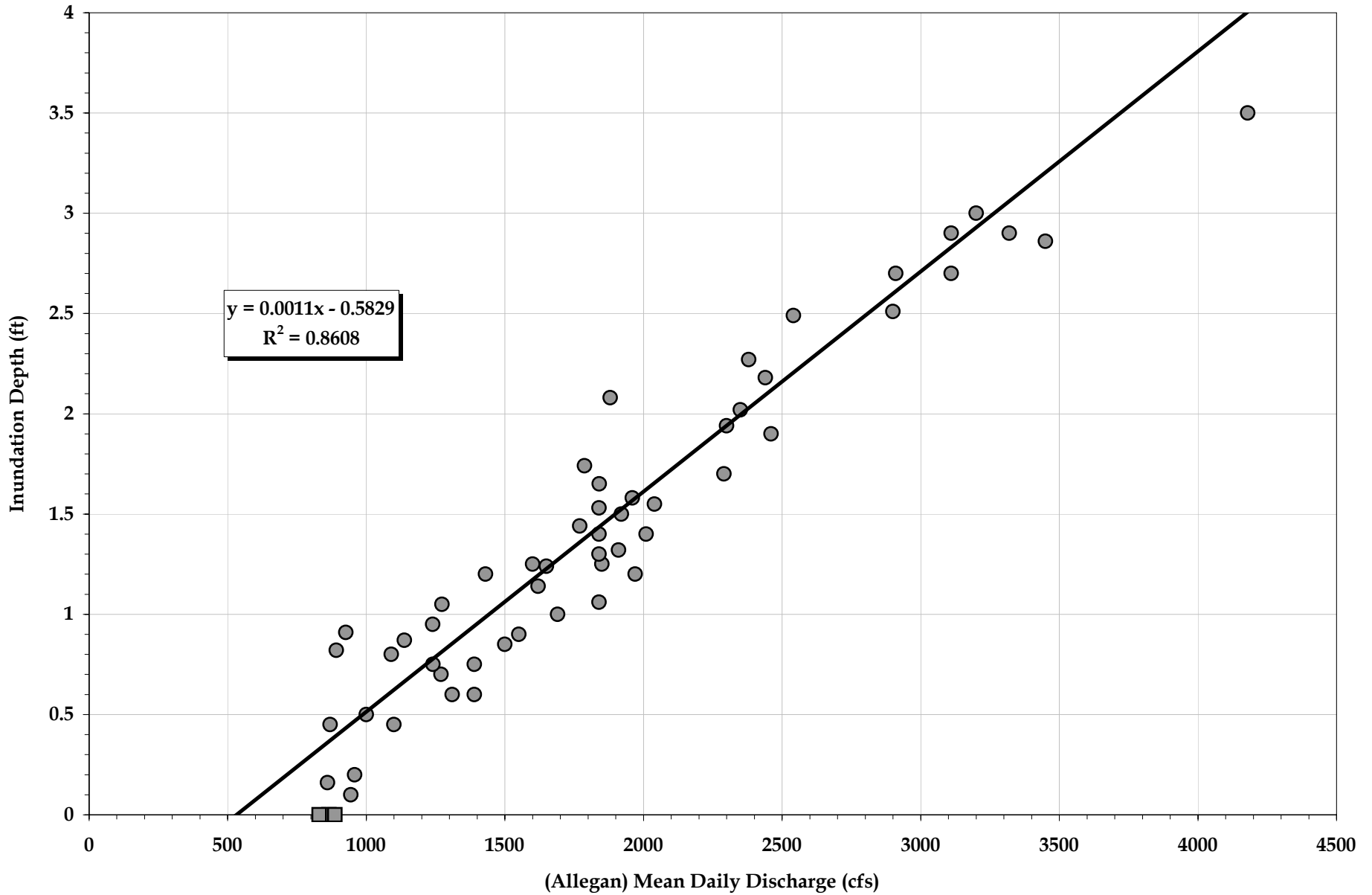
### Appendix B-1 Inundation Depth Correlation At SPMD 1 to (Allegan) Mean Daily Discharge



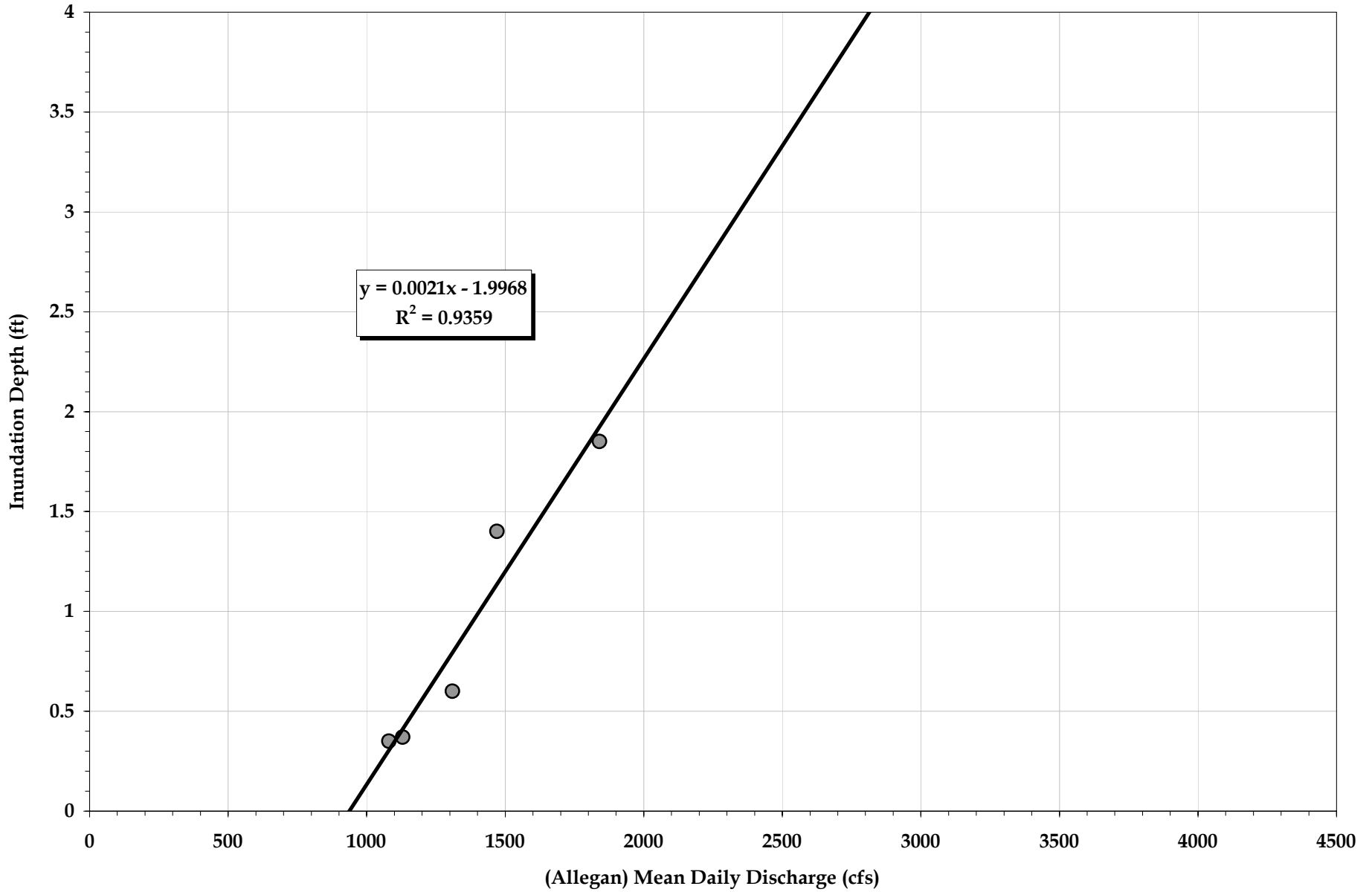
### Appendix B-2 Inundation Depth Correlation At SPMD 1a to (Allegan) Mean Daily Discharge



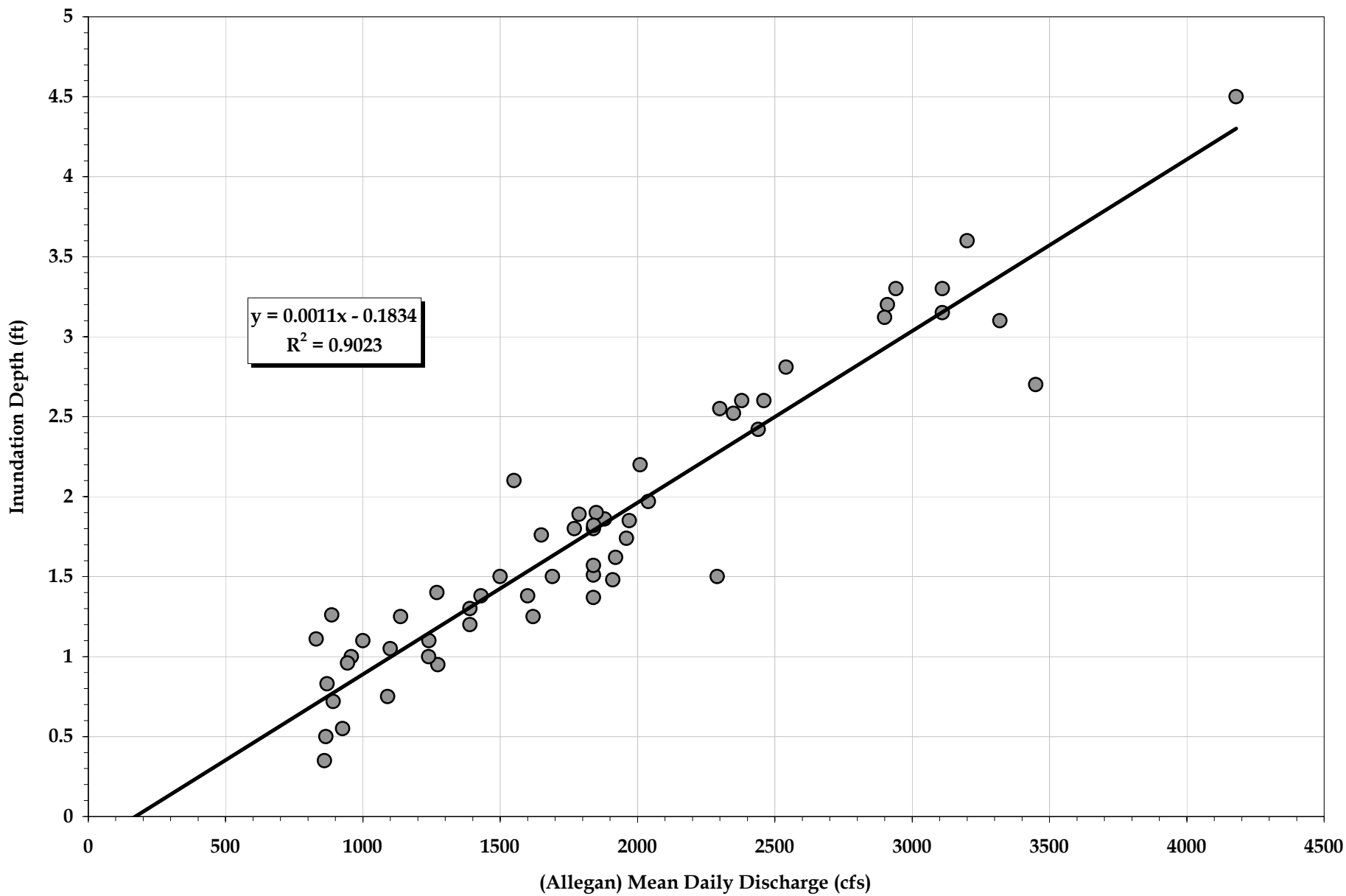
### Appendix B-3 Inundation Depth Correlation At SPMD 2 to (Allegan) Mean Daily Discharge



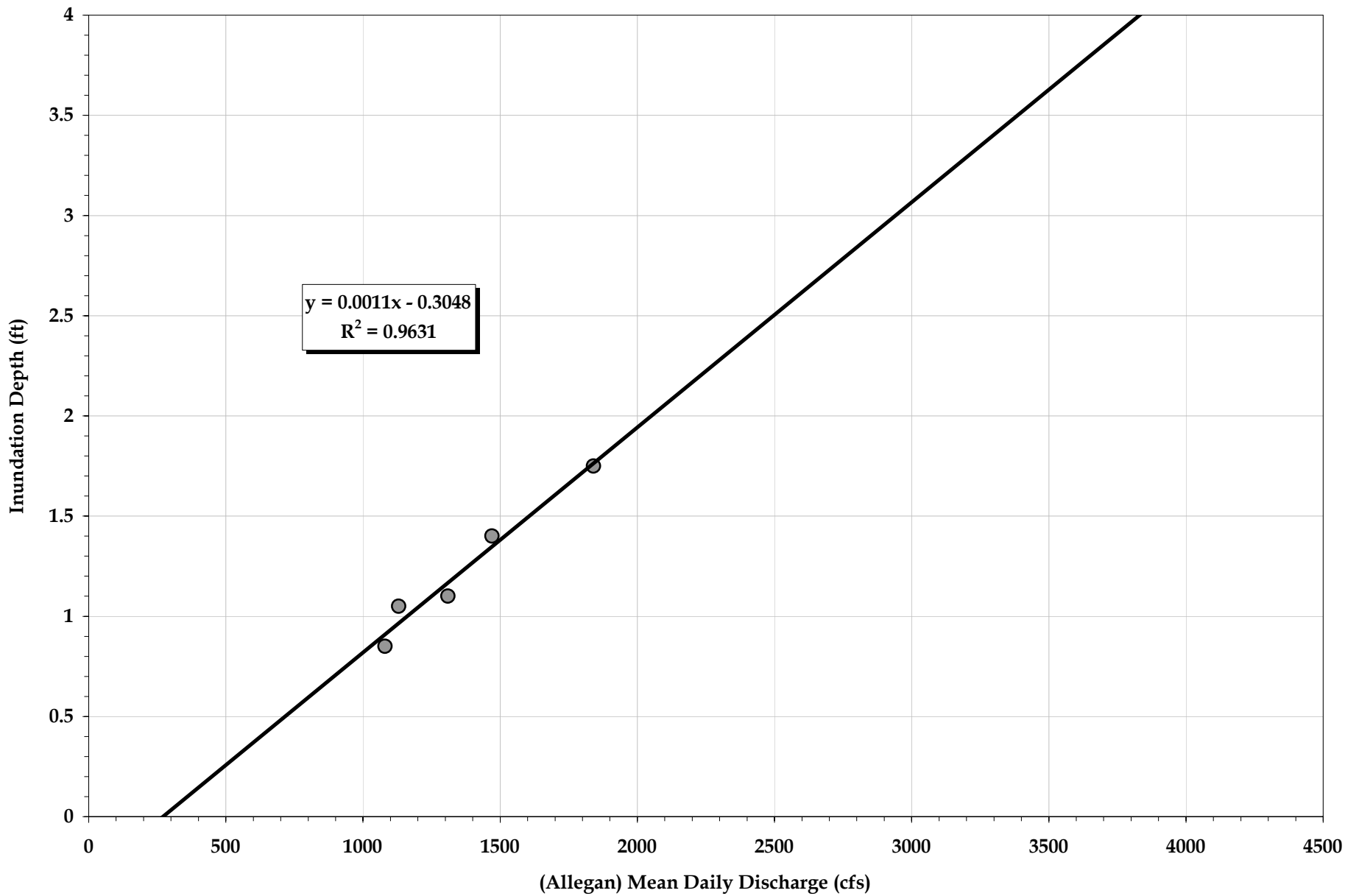
### Appendix B-4 Inundation Depth Correlation At SPMD 2a to (Allegan) Mean Daily Discharge



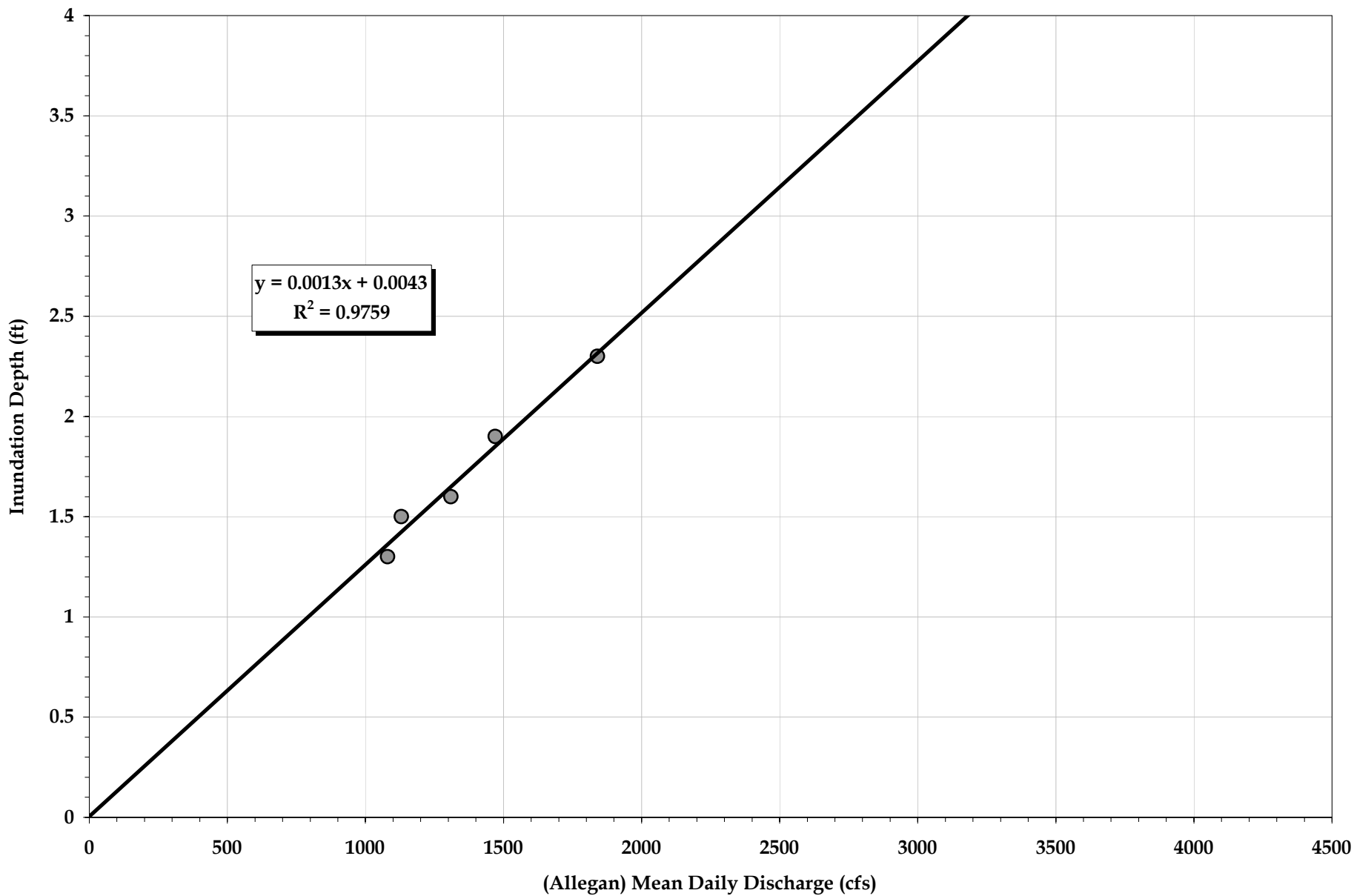
### Appendix B-5 Inundation Depth Correlation At SPMD 3 to (Allegan) Mean Daily Discharge



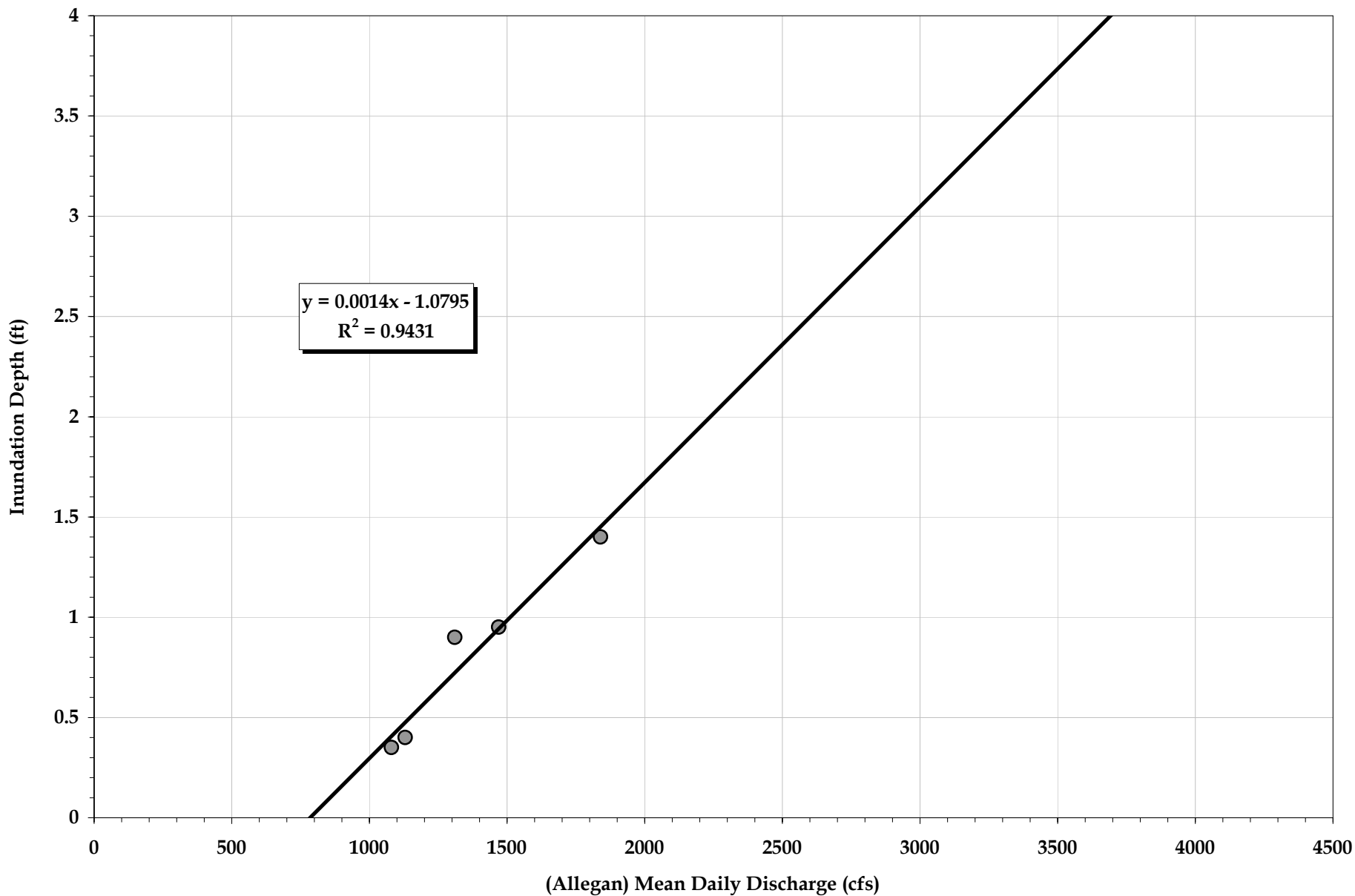
### Appendix B-6 Inundation Depth Correlation At SPMD 5 to (Allegan) Mean Daily Discharge



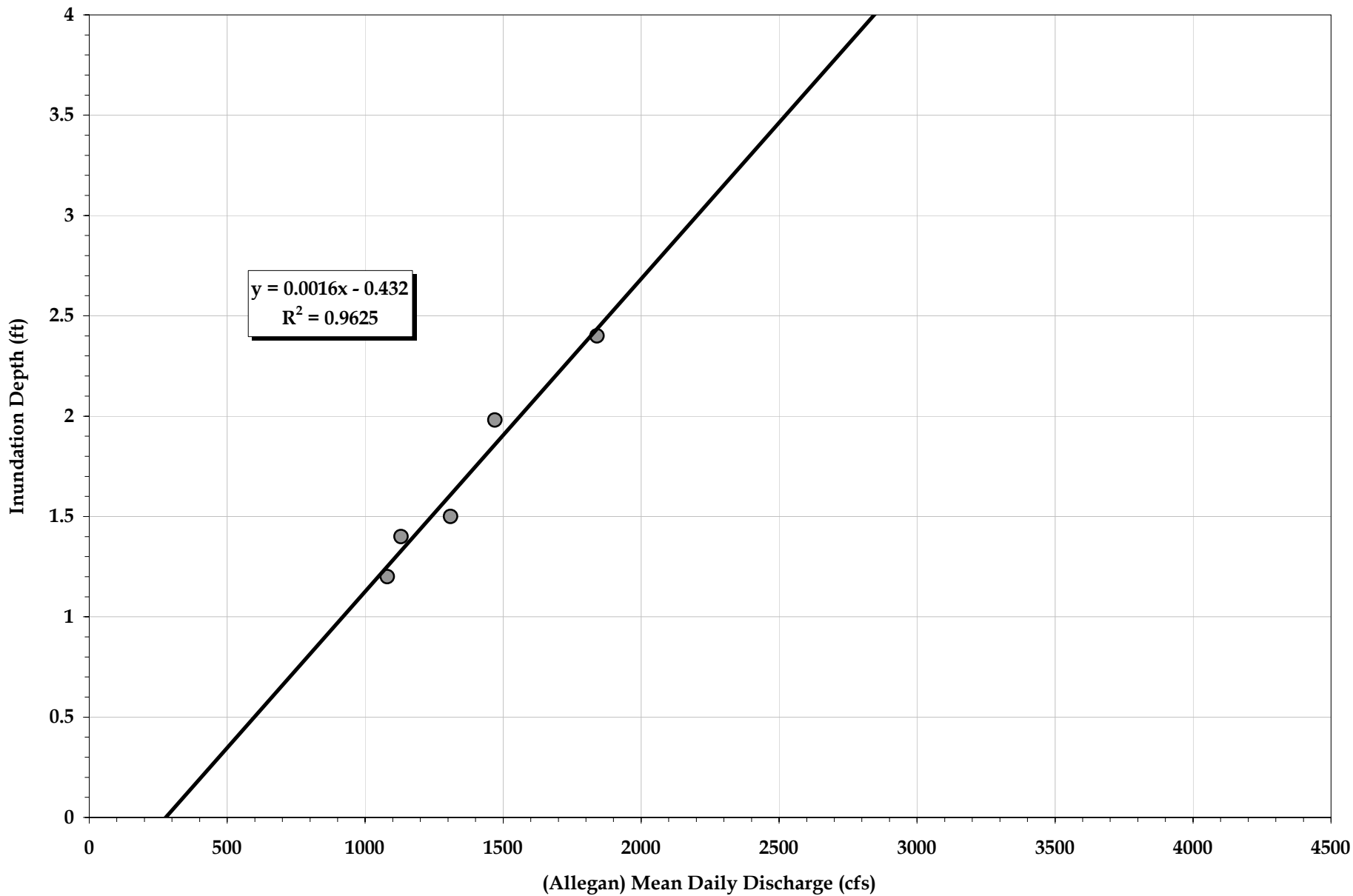
### Appendix B-7 Inundation Depth Correlation At SPMD 6 to (Allegan) Mean Daily Discharge



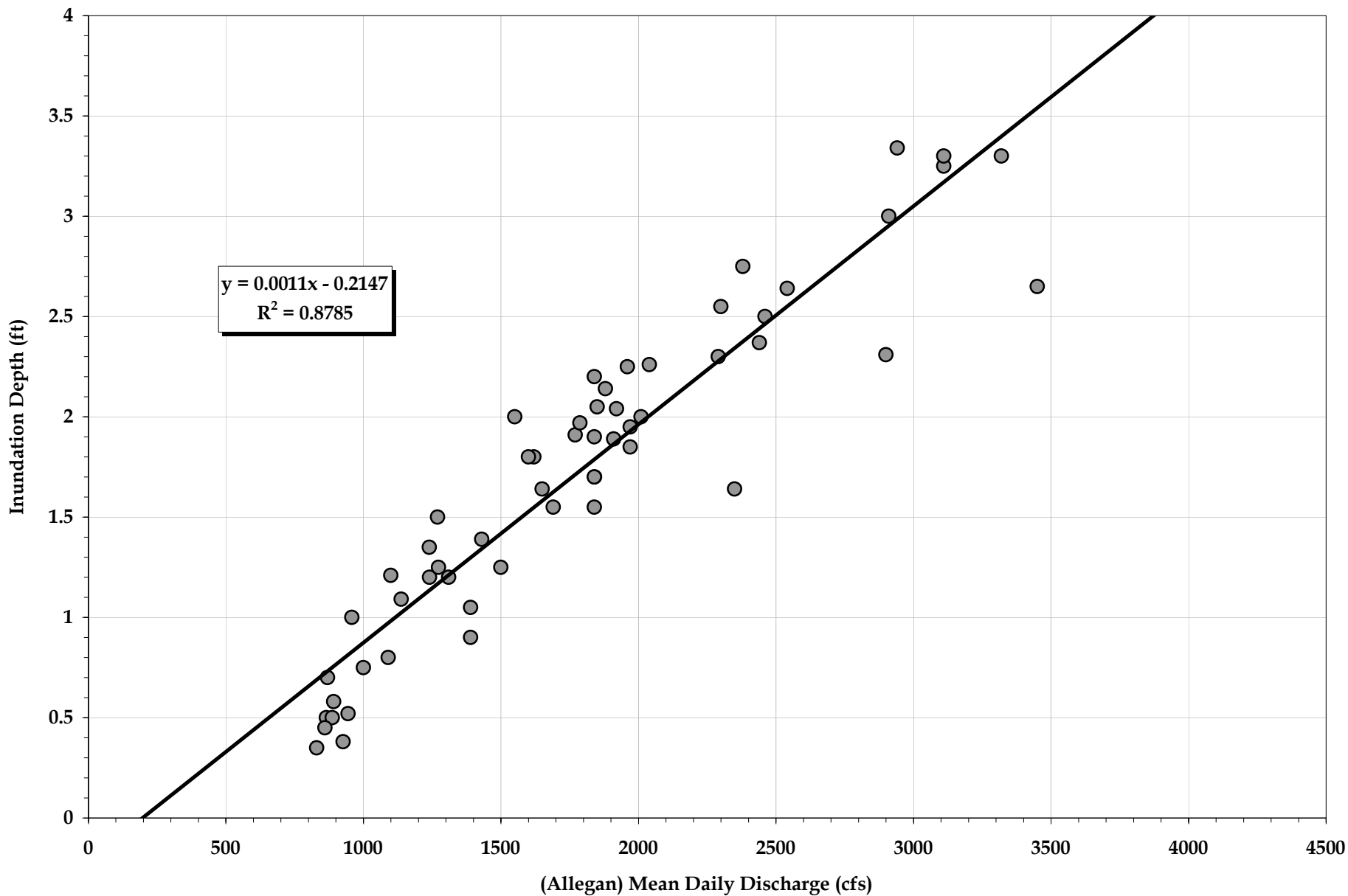
### Appendix B-8 Inundation Depth Correlation At SPMD 7 to (Allegan) Mean Daily Discharge



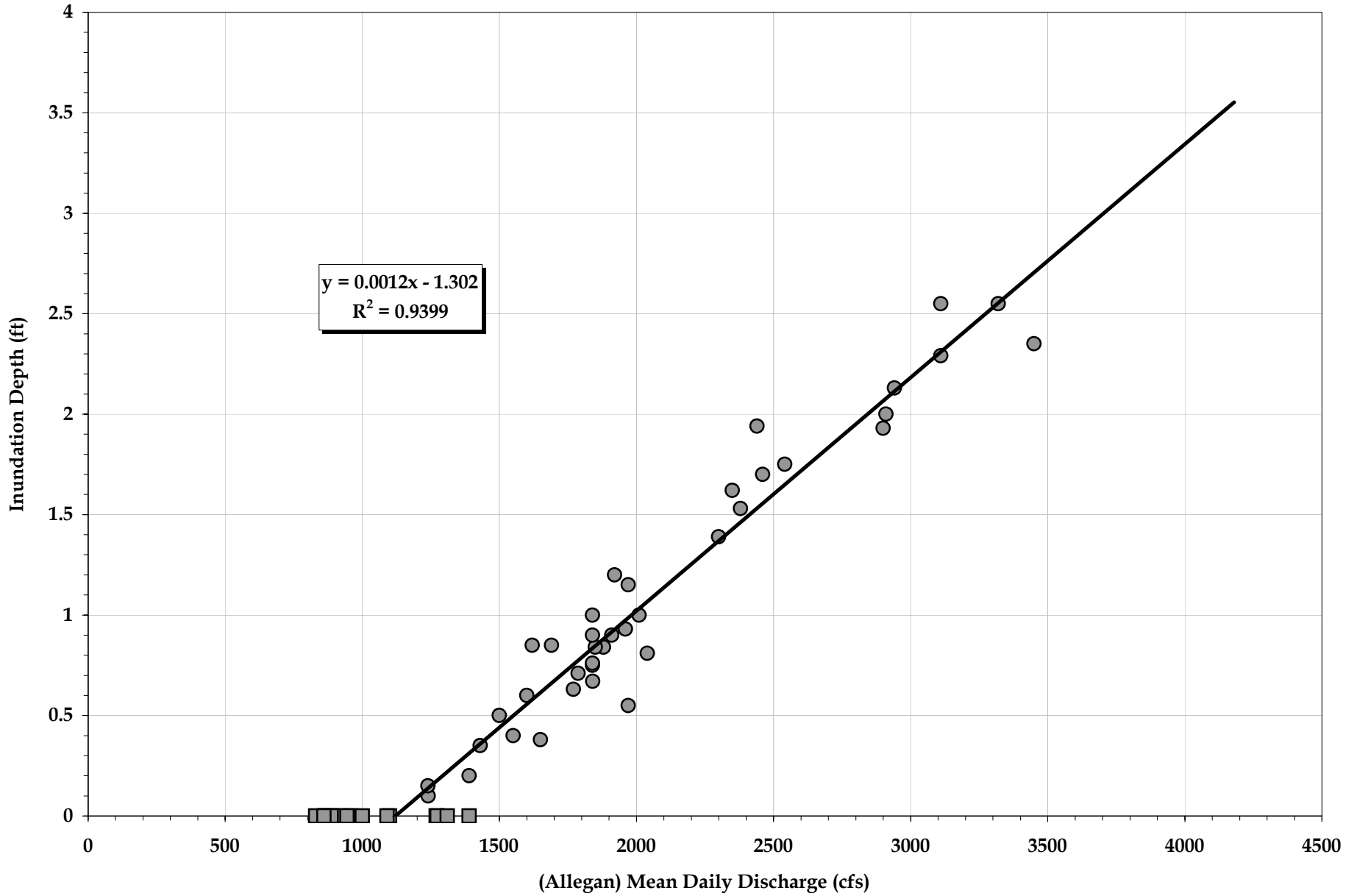
### Appendix B-9 Inundation Depth Correlation At SPMD 8 to (Allegan) Mean Daily Discharge



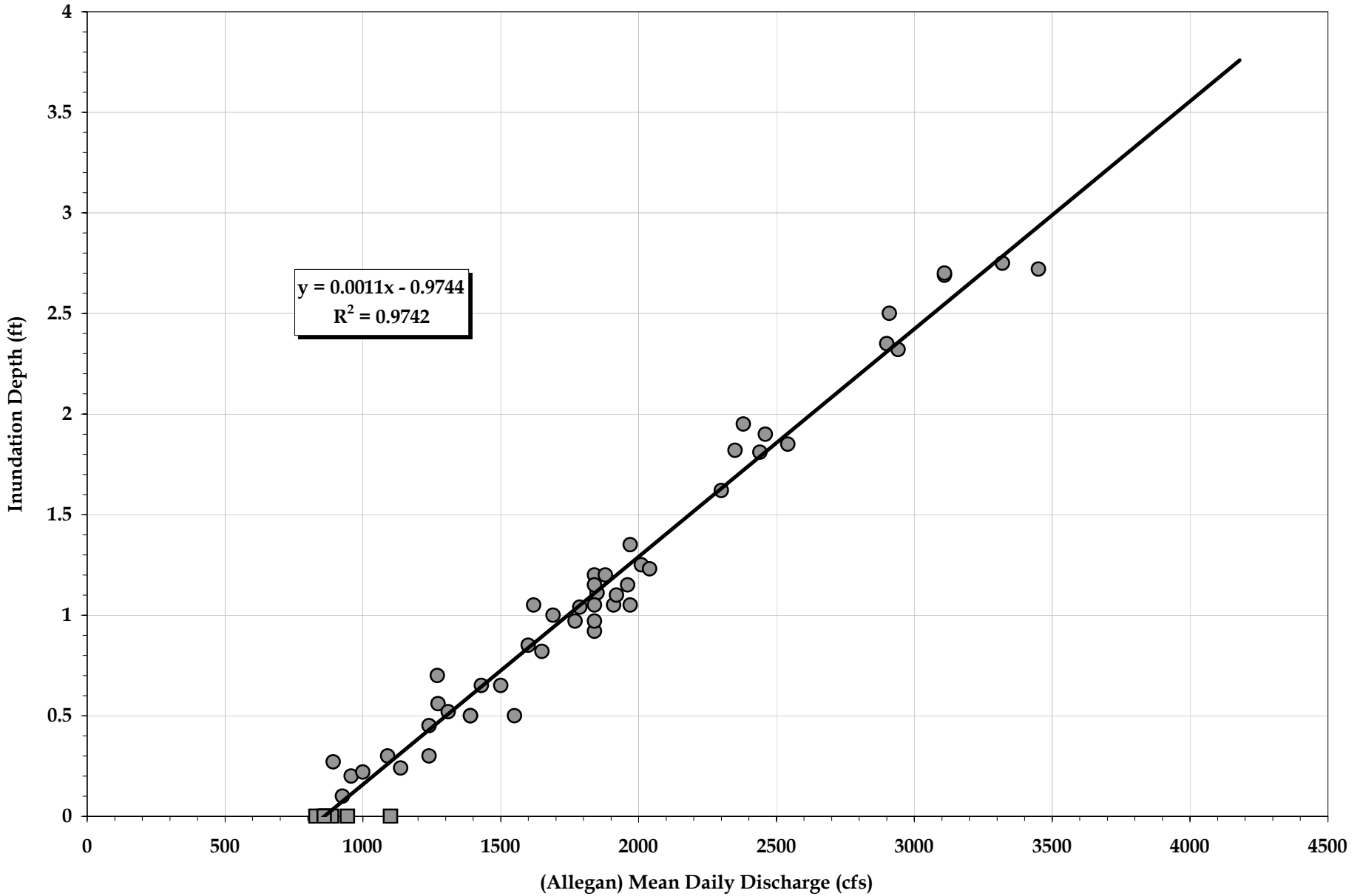
### Appendix B-10 Inundation Depth Correlation At Stake A to (Allegan) Mean Daily Discharge



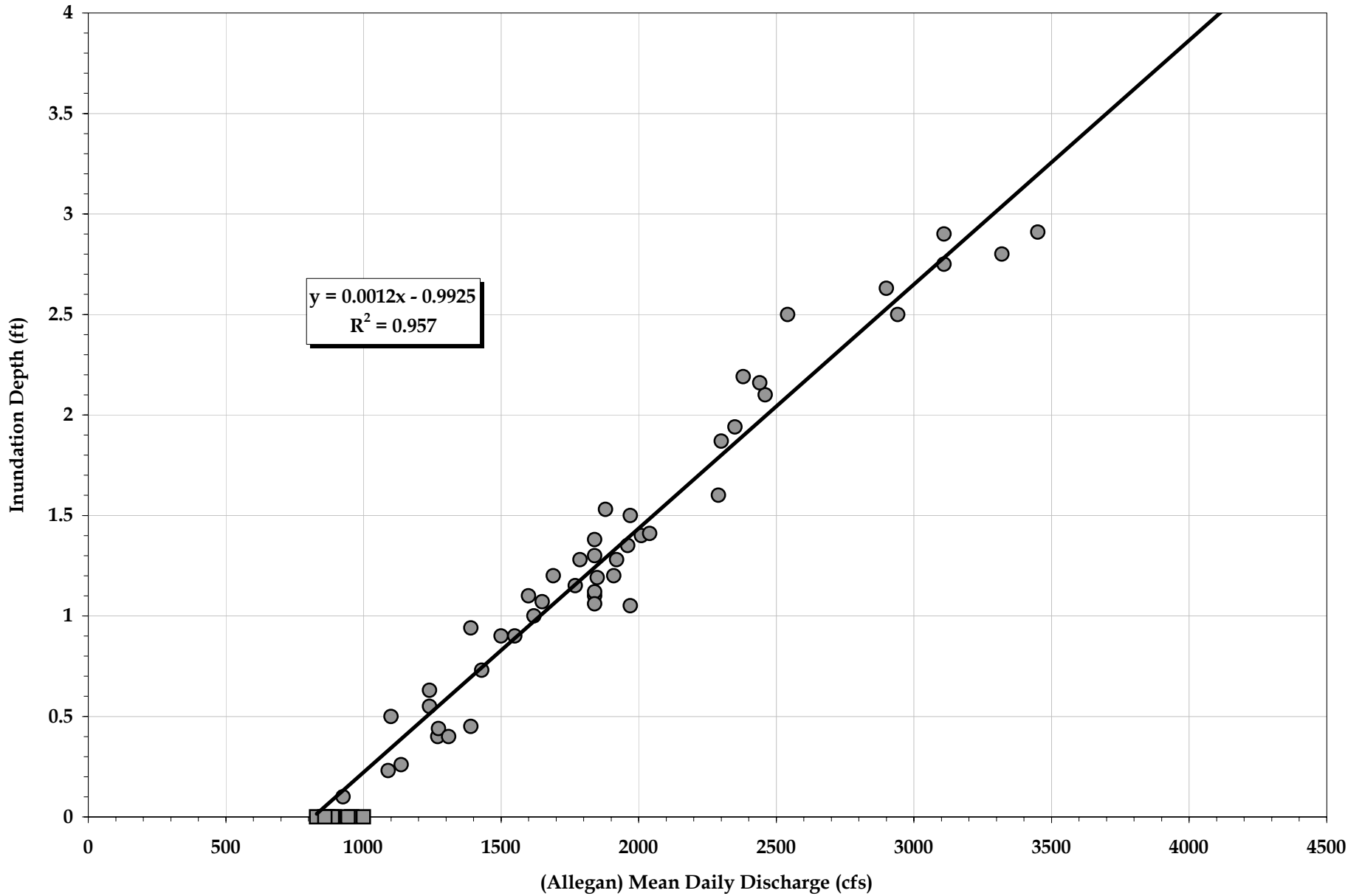
### Appendix B-11 Inundation Depth Correlation At Stake B to (Allegan) Mean Daily Discharge



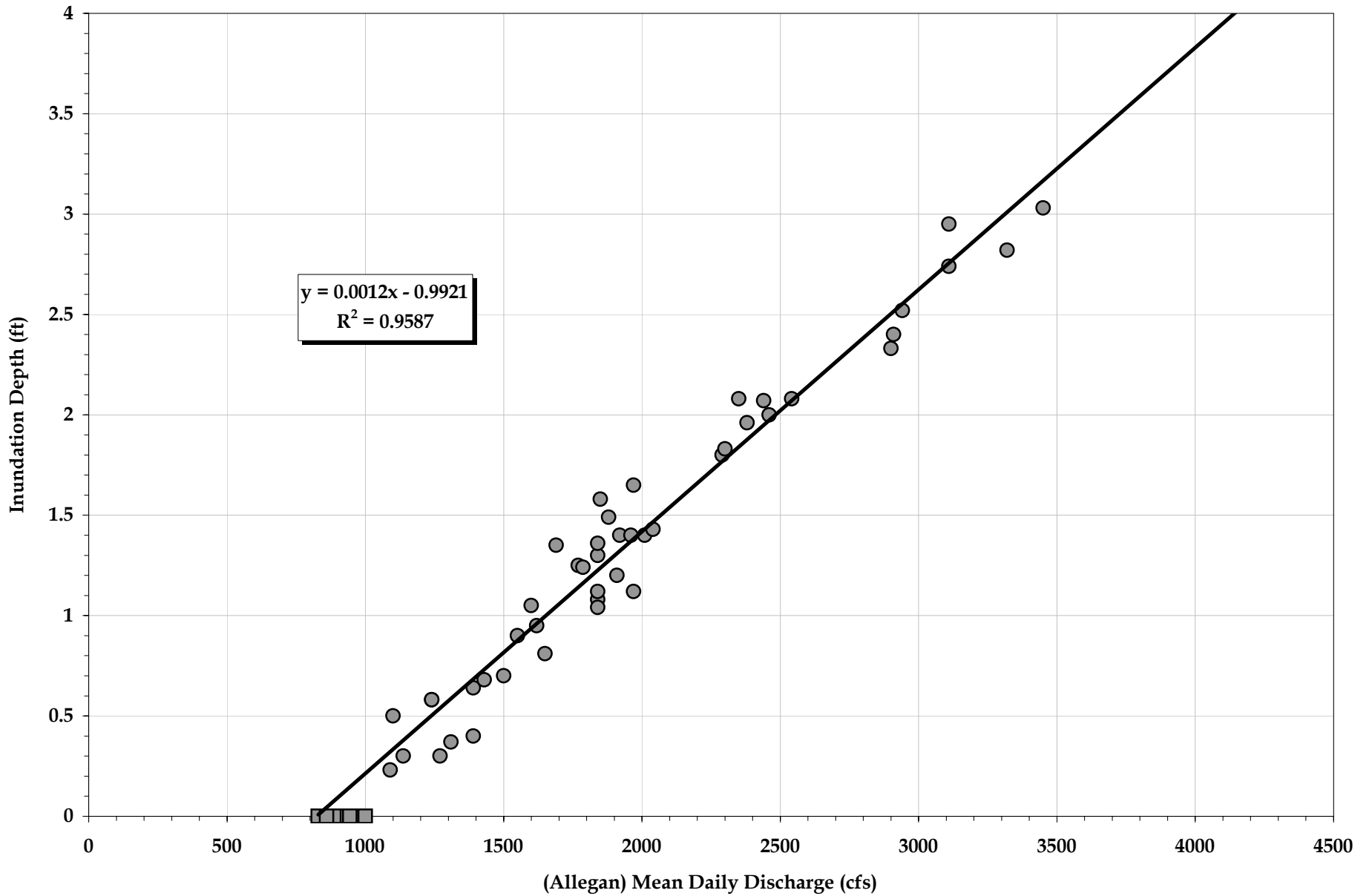
### Appendix B-12 Inundation Depth Correlation At Stake C to (Allegan) Mean Daily Discharge



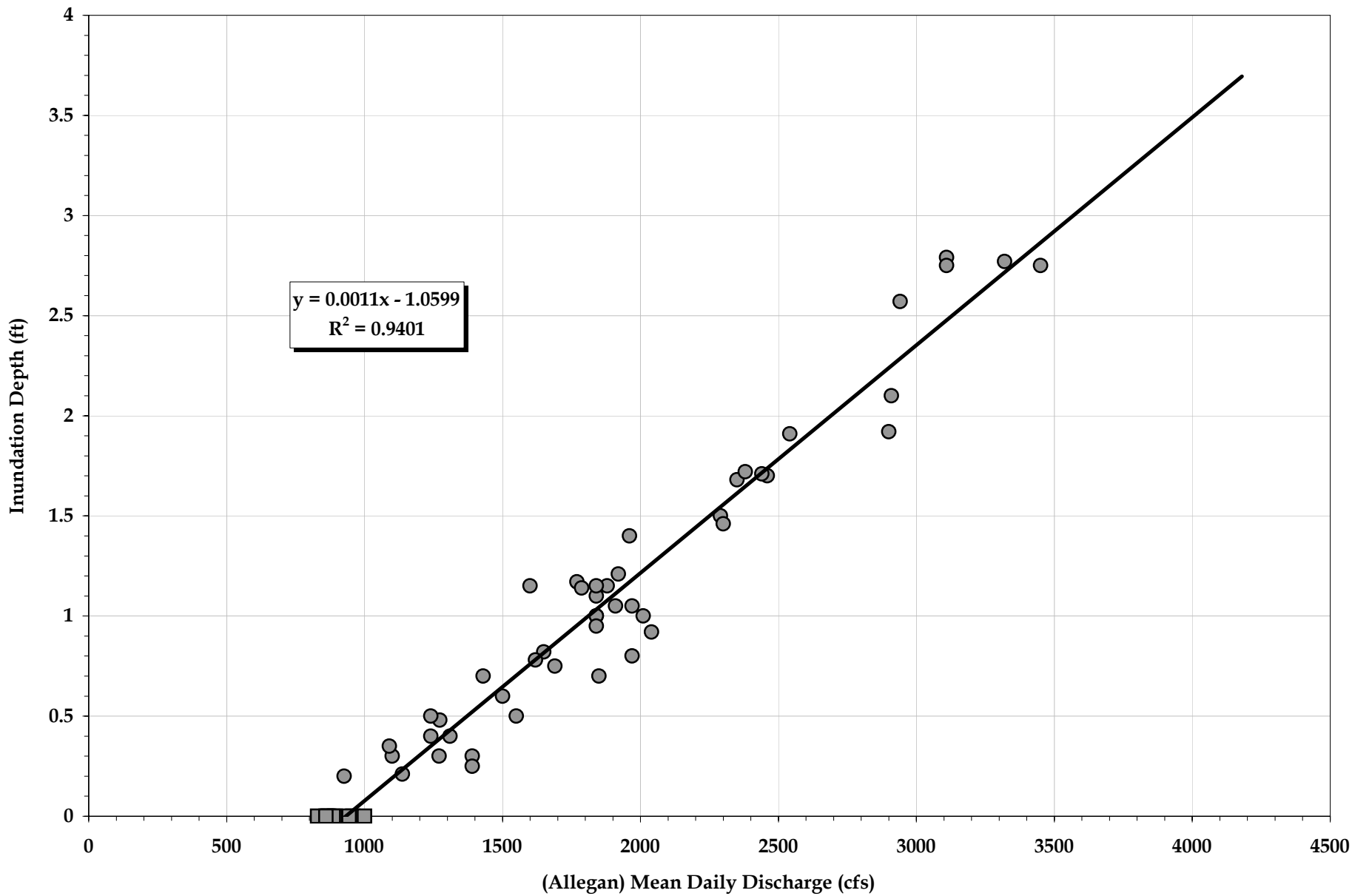
### Appendix B-13 Inundation Depth Correlation At Stake D to (Allegan) Mean Daily Discharge



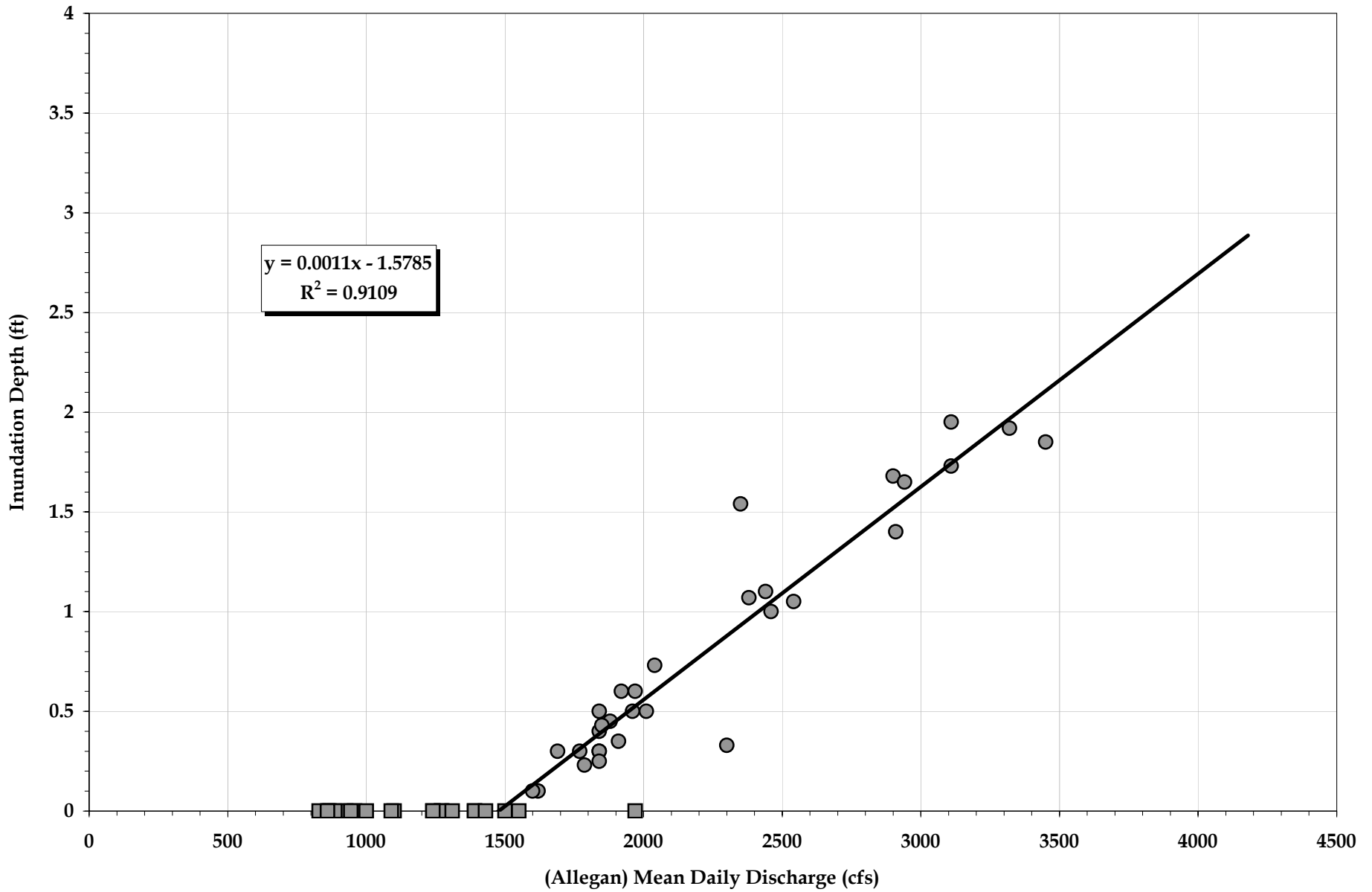
### Appendix B-14 Inundation Depth Correlation At Stake E to (Allegan) Mean Daily Discharge



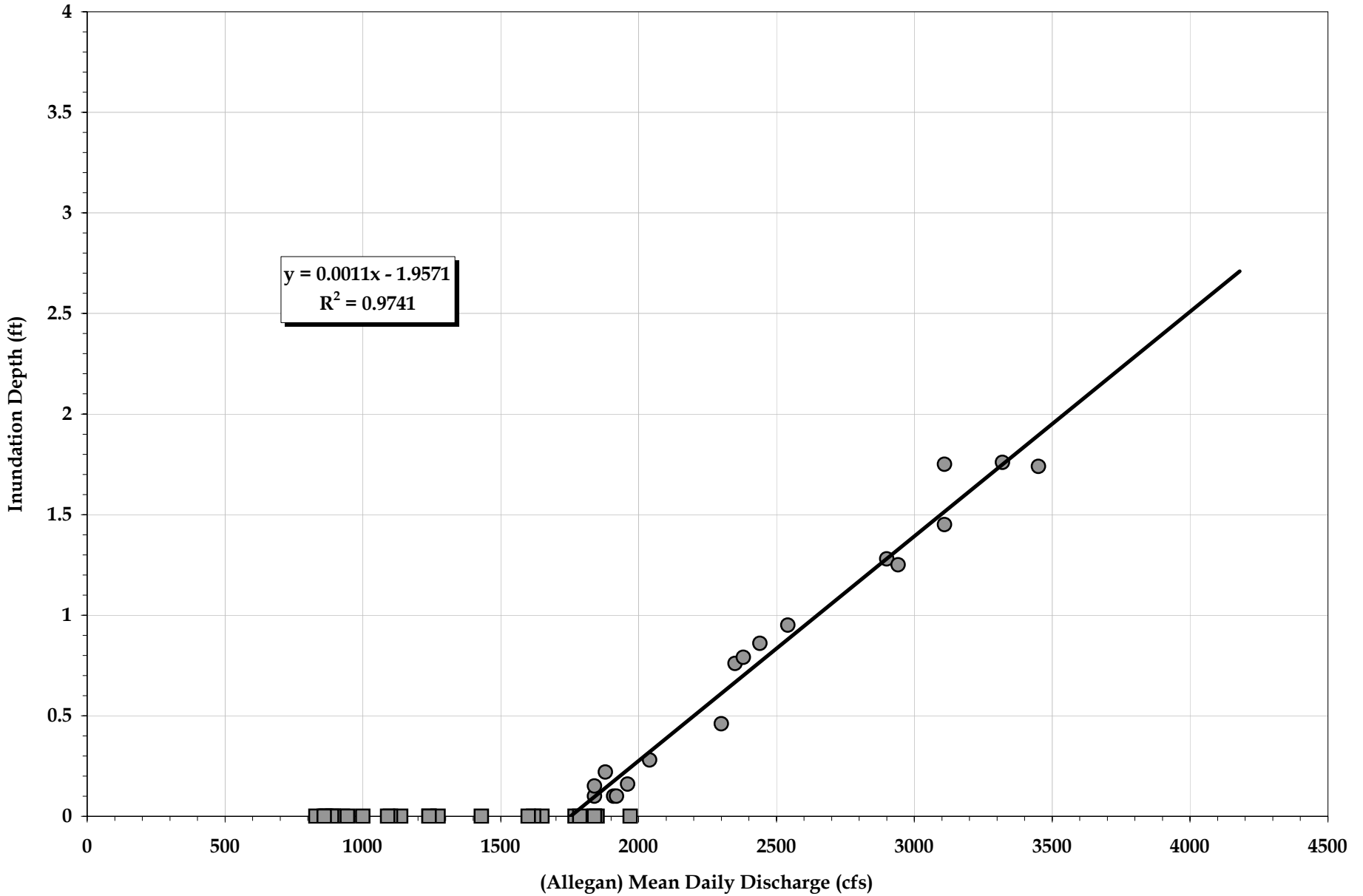
### Appendix B-15 Inundation Depth Correlation At Stake F to (Allegan) Mean Daily Discharge



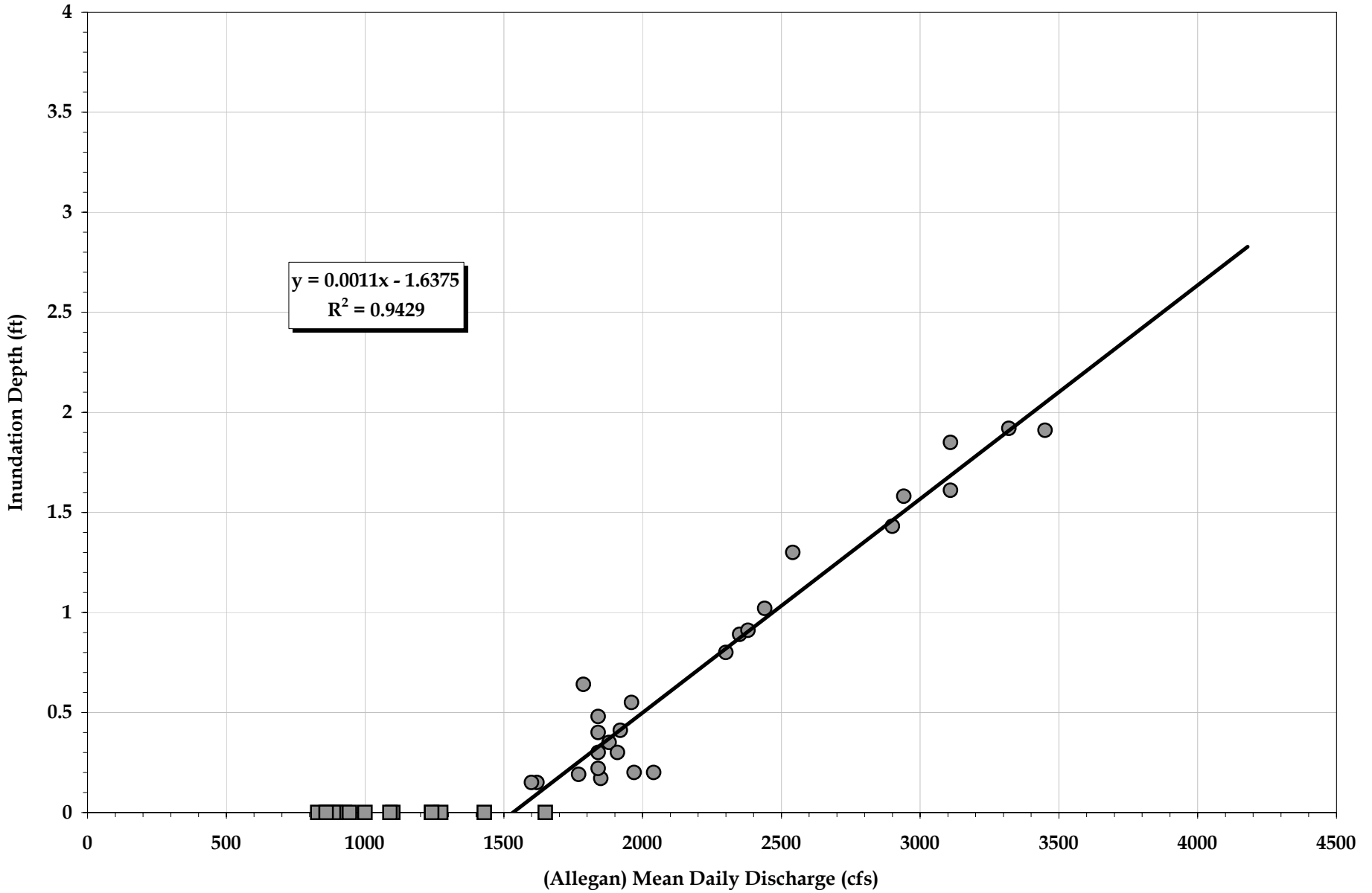
### Appendix B-16 Inundation Depth Correlation At Stake G to (Allegan) Mean Daily Discharge



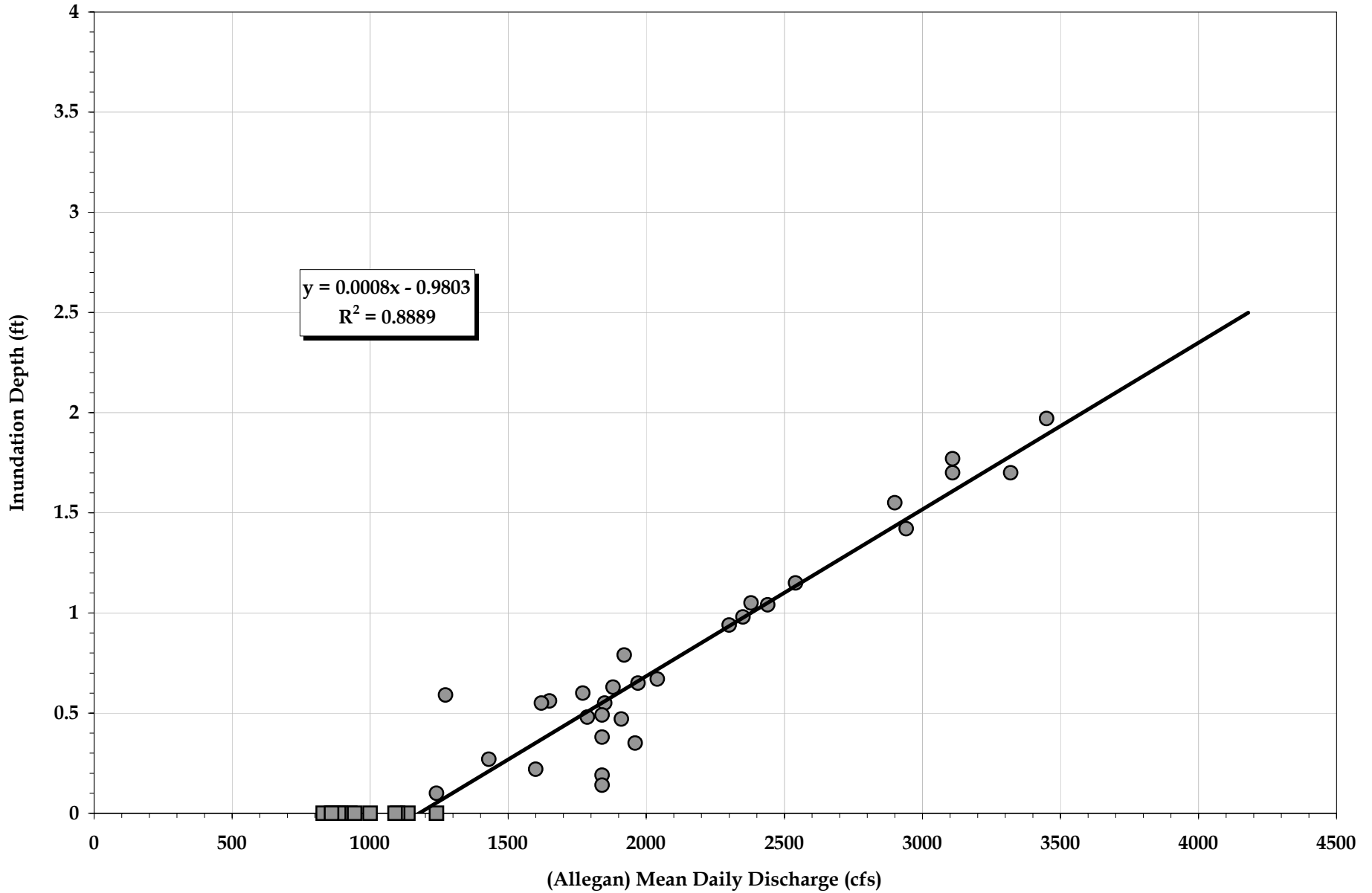
### Appendix B-17 Inundation Depth Correlation At Stake H to (Allegan) Mean Daily Discharge



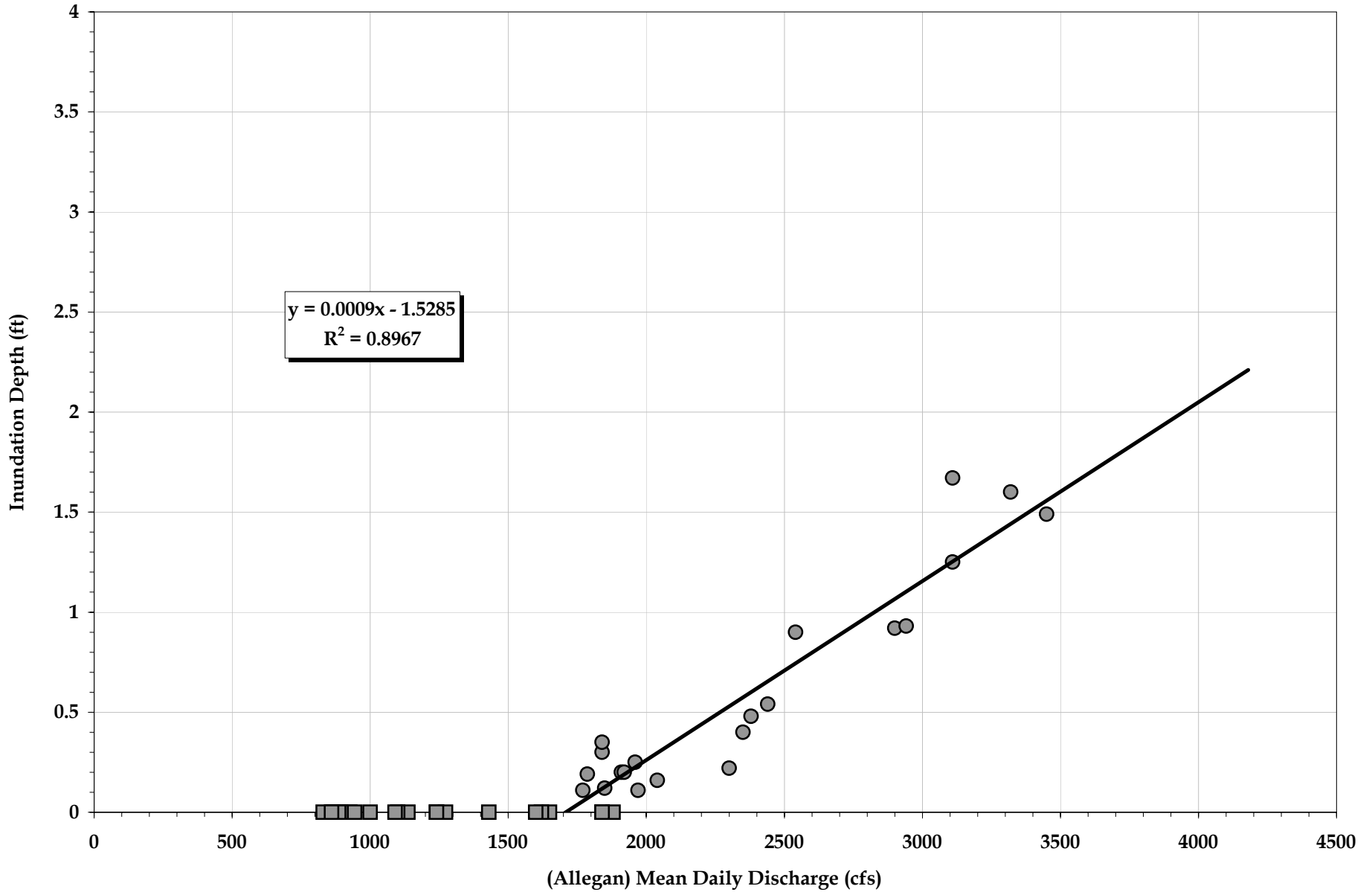
### Appendix B-18 Inundation Depth Correlation At Stake I to (Allegan) Mean Daily Discharge



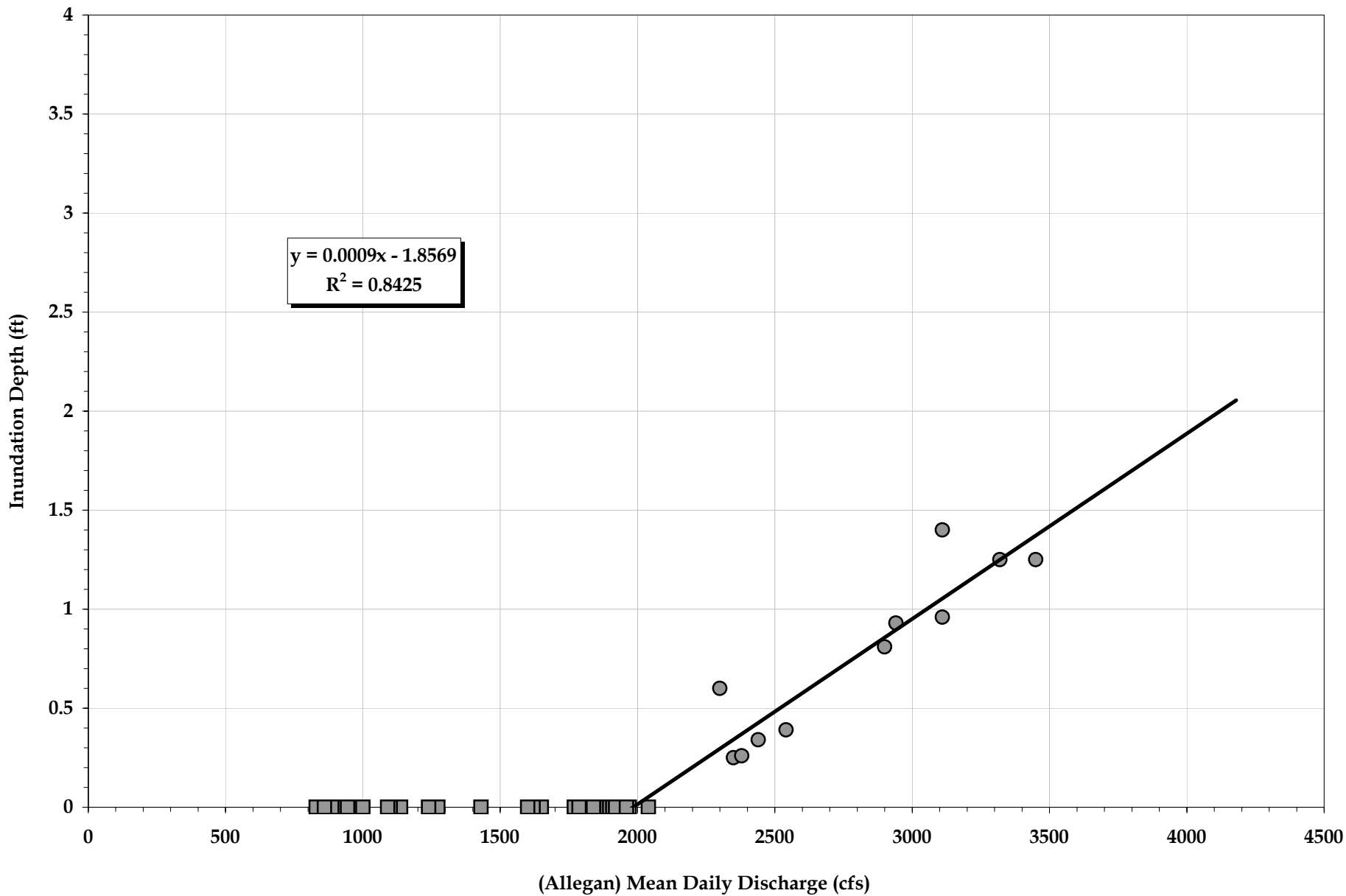
### Appendix B-19 Inundation Depth Correlation At Stake J to (Allegan) Mean Daily Discharge



### Appendix B-20 Inundation Depth Correlation At Stake K to (Allegan) Mean Daily Discharge



### Appendix B-21 Inundation Depth Correlation At Stake L to (Allegan) Mean Daily Discharge



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Appendix C-1	Total Number of Estimated Inundation Days Between 1985 and 2004
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Appendix C-4	Number of Consecutive Days Where Estimated Inundation Depths At Stake C Were Greater Than Zero Feet Between 1985 and 2004
Appendix C-5	Number of Consecutive Days Where Estimated Inundation Depths At Stake D Were Greater Than Zero Feet Between 1985 and 2004
Appendix C-6	Number of Consecutive Days Where Estimated Inundation Depths At Stake E Were Greater Than Zero Feet Between 1985 and 2004
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Appendix C-8	Number of Consecutive Days Where Estimated Inundation Depths At Stake G Were Greater Than Zero Feet Between 1985 and 2004
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Appendix C-13	Number of Consecutive Days Where Estimated Inundation Depths At Stake L Were Greater Than Zero Feet Between 1985 and 2004
Appendix C-14	Number of Consecutive Days Where Estimated Inundation Depths At Stake SPMD 1 Were Greater Than Zero Feet Between 1985 and 2004
Appendix C-15	Number of Consecutive Days Where Estimated Inundation Depths At Stake SPMD 2 Were Greater Than Zero Feet Between 1985 and 2004
Appendix C-16	Number of Consecutive Days Where Estimated Inundation Depths At Stake SPMD 3 Were Greater Than Zero Feet Between 1985 and 2004

**Table C-1**  
**Total Number of Estimated Inundation Days Between 1985 and 2004**

Year	Month	Depth (feet)	A	B	C	D	E	F	G	H	I	J	K	L	SPMD1	SPMD2	SPMD3
1985	January	> 0	31	31	31	31	31	31	21	14	24	31	16	9	31	31	31
1985	January	0.5	31	29	30	31	31	30	13	9	12	13	9	8	31	31	31
1985	January	1	31	12	14	17	17	13	9	7	9	9	7	5	17	30	31
1985	January	1.5	22	9	9	10	10	9	7	5	6	5	3	-	11	13	25
1985	January	2	12	7	7	9	9	7	5	-	4	-	-	-	9	9	12
1985	January	2.5	9	5	5	6	6	5	-	-	-	-	-	-	6	7	9
1985	January	3	6	-	-	3	3	-	-	-	-	-	-	-	4	5	6
1985	January	3.5	3	-	-	-	-	-	-	-	-	-	-	-	-	-	3
1985	February	> 0	28	28	28	28	28	28	7	6	7	28	6	6	28	28	28
1985	February	0.5	28	9	17	26	26	13	6	6	6	6	6	5	28	28	28
1985	February	1	28	6	6	7	7	6	5	5	5	5	5	4	7	12	28
1985	February	1.5	7	5	6	6	6	5	5	5	5	5	4	4	6	6	8
1985	February	2	6	5	5	5	5	5	4	4	4	4	3	2	5	5	6
1985	February	2.5	5	4	4	5	5	4	4	2	4	1	-	-	5	5	5
1985	February	3	5	4	4	4	4	4	2	-	2	-	-	-	4	4	5
1985	February	3.5	4	3	2	4	4	2	-	-	-	-	-	-	4	4	4
1985	February	4	3	-	-	2	2	-	-	-	-	-	-	-	2	2	3
1985	February	4.5	2	-	-	-	-	-	-	-	-	-	-	-	-	-	2
1985	March	> 0	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31
1985	March	0.5	31	31	31	31	31	31	31	31	31	31	31	28	31	31	31
1985	March	1	31	31	31	31	31	31	31	26	31	29	23	20	31	31	31
1985	March	1.5	31	31	31	31	31	31	24	20	22	21	17	15	31	31	31
1985	March	2	31	25	26	29	29	25	18	16	18	15	12	4	30	31	31
1985	March	2.5	29	20	20	22	22	18	15	5	15	3	1	-	22	23	30
1985	March	3	22	16	15	18	18	15	5	-	5	-	-	-	18	18	22
1985	March	3.5	17	9	5	15	15	5	-	-	-	-	-	-	15	15	17
1985	March	4	14	3	-	5	5	-	-	-	-	-	-	-	5	5	14
1985	March	4.5	4	-	-	-	-	-	-	-	-	-	-	-	-	-	4
1985	April	> 0	30	30	30	30	30	30	30	30	30	30	30	28	30	30	30
1985	April	0.5	30	30	30	30	30	30	30	24	30	30	22	20	30	30	30
1985	April	1	30	30	30	30	30	30	21	18	21	21	17	14	30	30	30
1985	April	1.5	30	21	24	28	28	21	17	15	17	15	14	9	29	30	30
1985	April	2	29	17	17	21	21	17	14	12	14	9	6	2	21	21	29
1985	April	2.5	21	14	14	16	16	14	10	4	8	2	-	-	17	17	21
1985	April	3	16	12	12	14	14	10	4	-	4	-	-	-	14	14	17
1985	April	3.5	13	4	4	9	9	4	-	-	-	-	-	-	10	10	14
1985	April	4	7	-	-	4	4	-	-	-	-	-	-	-	4	4	8
1985	April	4.5	2	-	-	-	-	-	-	-	-	-	-	-	-	-	4
1985	May	> 0	31	31	31	31	31	31	26	12	26	31	18	2	31	31	31
1985	May	0.5	31	30	31	31	31	31	11	1	10	12	-	-	31	31	31
1985	May	1	31	10	12	24	24	12	-	-	-	-	-	-	25	31	31
1985	May	1.5	26	-	-	3	3	-	-	-	-	-	-	-	5	11	27
1985	May	2	6	-	-	-	-	-	-	-	-	-	-	-	-	-	6
1985	June	> 0	30	27	30	30	30	30	6	2	6	27	5	-	30	30	30
1985	June	0.5	30	7	20	25	25	13	2	-	2	2	-	-	27	30	30
1985	June	1	30	2	2	6	6	2	-	-	-	-	-	-	6	10	30
1985	June	1.5	6	-	-	1	1	-	-	-	-	-	-	-	1	2	7
1985	June	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	2
1985	July	> 0	31	15	30	30	30	23	4	2	4	9	3	2	30	31	31
1985	July	0.5	31	5	7	8	8	6	2	-	2	2	-	-	9	30	31
1985	July	1	19	2	2	3	3	2	-	-	-	-	-	-	3	6	21
1985	July	1.5	4	-	-	2	2	-	-	-	-	-	-	-	2	2	4
1985	July	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	2
1985	August	> 0	31	8	30	30	23	22	-	-	-	4	-	-	30	31	31
1985	August	0.5	31	-	-	2	2	-	-	-	-	-	-	-	4	24	31
1985	August	1	17	-	-	-	-	-	-	-	-	-	-	-	-	-	20
1985	September	> 0	30	10	30	30	24	18	3	2	3	8	2	-	30	30	30
1985	September	0.5	30	4	7	7	7	5	1	-	1	2	-	-	8	26	30
1985	September	1	12	1	2	3	3	2	-	-	-	-	-	-	3	5	14
1985	September	1.5	3	-	-	-	-	-	-	-	-	-	-	-	-	1	3

**Table C-1**  
**Total Number of Estimated Inundation Days Between 1985 and 2004**

Year	Month	Depth (feet)	A	B	C	D	E	F	G	H	I	J	K	L	SPMD1	SPMD2	SPMD3
1985	September	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1
1985	October	> 0	31	19	31	31	26	25	12	8	12	13	11	6	31	31	31
1985	October	0.5	31	12	12	13	13	12	8	5	8	8	5	-	13	27	31
1985	October	1	21	8	8	12	12	8	3	-	2	1	-	-	12	12	22
1985	October	1.5	12	4	5	6	6	4	-	-	-	-	-	-	6	8	12
1985	October	2	6	-	-	1	1	-	-	-	-	-	-	-	2	3	7
1985	October	2.5	1	-	-	-	-	-	-	-	-	-	-	-	-	-	2
1985	November	> 0	30	30	30	30	30	30	25	20	25	30	24	17	30	30	30
1985	November	0.5	30	27	30	30	30	29	20	17	20	20	16	9	30	30	30
1985	November	1	30	20	20	24	24	20	13	4	12	12	3	-	24	28	30
1985	November	1.5	25	13	17	18	18	13	3	-	3	-	-	-	19	20	26
1985	November	2	19	4	4	12	12	4	-	-	-	-	-	-	12	13	19
1985	November	2.5	12	-	-	2	2	-	-	-	-	-	-	-	2	3	12
1985	November	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-	2
1985	December	> 0	31	31	31	31	31	31	25	22	28	31	23	13	31	31	31
1985	December	0.5	31	28	29	30	30	29	17	12	15	19	10	1	31	31	31
1985	December	1	31	16	22	24	24	19	8	-	5	5	-	-	25	28	31
1985	December	1.5	28	8	12	13	13	8	-	-	-	-	-	-	14	17	28
1985	December	2	14	-	-	5	5	-	-	-	-	-	-	-	5	8	14
1985	December	2.5	5	-	-	-	-	-	-	-	-	-	-	-	-	-	5
1986	January	> 0	31	31	31	31	31	31	19	9	20	31	13	5	31	31	31
1986	January	0.5	31	21	28	31	31	28	8	3	8	8	3	-	31	31	31
1986	January	1	31	8	9	15	15	8	-	-	-	-	-	-	18	27	31
1986	January	1.5	20	-	3	6	6	-	-	-	-	-	-	-	6	8	21
1986	January	2	7	-	-	-	-	-	-	-	-	-	-	-	-	-	8
1986	February	> 0	28	28	28	28	28	28	28	24	28	28	25	15	28	28	28
1986	February	0.5	28	28	28	28	28	28	19	13	18	21	11	-	28	28	28
1986	February	1	28	19	24	26	26	21	8	-	5	1	-	-	28	28	28
1986	February	1.5	28	8	12	15	15	8	-	-	-	-	-	-	15	19	28
1986	February	2	15	-	-	1	1	-	-	-	-	-	-	-	2	8	15
1986	February	2.5	1	-	-	-	-	-	-	-	-	-	-	-	-	-	2
1986	March	> 0	31	31	31	31	31	31	31	31	31	31	31	21	31	31	31
1986	March	0.5	31	31	31	31	31	31	27	21	26	28	21	14	31	31	31
1986	March	1	31	26	31	31	31	27	19	13	18	18	12	10	31	31	31
1986	March	1.5	31	19	21	21	21	19	12	10	12	11	7	5	22	27	31
1986	March	2	22	13	13	18	18	12	7	5	7	5	4	-	18	19	24
1986	March	2.5	18	10	10	11	11	9	5	2	5	-	-	-	12	12	18
1986	March	3	11	5	5	7	7	5	1	-	-	-	-	-	7	7	12
1986	March	3.5	7	3	1	5	5	1	-	-	-	-	-	-	5	5	7
1986	March	4	4	-	-	1	1	-	-	-	-	-	-	-	1	1	4
1986	April	> 0	30	30	30	30	30	30	29	27	30	30	28	4	30	30	30
1986	April	0.5	30	30	30	30	30	30	23	-	20	24	-	-	30	30	30
1986	April	1	30	22	27	28	28	23	-	-	-	-	-	-	29	30	30
1986	April	1.5	30	-	-	11	11	-	-	-	-	-	-	-	14	23	30
1986	April	2	15	-	-	-	-	-	-	-	-	-	-	-	-	-	18
1986	May	> 0	31	31	31	31	31	31	22	14	26	31	16	6	31	31	31
1986	May	0.5	31	27	29	31	31	29	9	4	8	10	4	-	31	31	31
1986	May	1	31	9	14	20	20	10	2	-	1	-	-	-	21	29	31
1986	May	1.5	25	3	4	7	7	4	-	-	-	-	-	-	8	9	26
1986	May	2	8	-	-	-	-	-	-	-	-	-	-	-	-	2	8
1986	June	> 0	30	30	30	30	30	30	23	18	23	30	21	15	30	30	30
1986	June	0.5	30	23	29	30	30	25	16	13	16	16	13	3	30	30	30
1986	June	1	30	16	18	22	22	16	12	2	11	8	-	-	23	24	30
1986	June	1.5	23	12	13	16	16	12	-	-	-	-	-	-	16	16	23
1986	June	2	16	-	2	7	7	-	-	-	-	-	-	-	8	12	16
1986	June	2.5	8	-	-	-	-	-	-	-	-	-	-	-	-	-	8
1986	July	> 0	31	30	31	31	31	31	13	11	14	30	12	8	31	31	31
1986	July	0.5	31	17	24	28	28	20	9	8	9	11	7	3	30	31	31
1986	July	1	31	9	11	12	12	11	5	2	5	5	1	-	13	19	31
1986	July	1.5	14	5	7	8	8	5	2	-	1	-	-	-	8	9	14

**Table C-1**  
**Total Number of Estimated Inundation Days Between 1985 and 2004**

Year	Month	Depth (feet)	A	B	C	D	E	F	G	H	I	J	K	L	SPMD1	SPMD2	SPMD3
1986	July	2	8	2	2	5	5	2	-	-	-	-	-	-	5	5	9
1986	July	2.5	5	-	-	-	-	-	-	-	-	-	-	-	1	1	5
1986	July	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
1986	August	> 0	31	14	31	31	26	21	1	-	2	12	-	-	31	31	31
1986	August	0.5	31	2	7	11	11	5	-	-	-	-	-	-	12	26	31
1986	August	1	18	-	-	1	1	-	-	-	-	-	-	-	1	4	21
1986	August	1.5	2	-	-	-	-	-	-	-	-	-	-	-	-	-	2
1986	September	> 0	30	13	30	30	28	24	6	6	6	13	6	5	30	30	30
1986	September	0.5	30	7	7	12	12	7	5	5	5	6	5	5	13	29	30
1986	September	1	18	5	6	6	6	6	5	5	5	5	3	2	6	7	20
1986	September	1.5	6	5	5	5	5	5	3	2	3	2	1	-	5	5	7
1986	September	2	5	4	5	5	5	4	1	-	1	-	-	-	5	5	5
1986	September	2.5	5	2	2	3	3	1	-	-	-	-	-	-	3	3	5
1986	September	3	3	-	-	1	1	-	-	-	-	-	-	-	1	1	3
1986	September	3.5	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1
1986	October	> 0	31	31	31	31	31	31	31	30	31	31	30	19	31	31	31
1986	October	0.5	31	31	31	31	31	31	26	18	25	28	18	15	31	31	31
1986	October	1	31	25	30	31	31	27	17	14	17	17	13	11	31	31	31
1986	October	1.5	31	17	18	19	19	17	13	11	13	11	11	7	22	26	31
1986	October	2	23	13	14	17	17	13	11	10	11	7	5	-	17	17	24
1986	October	2.5	17	11	11	12	12	11	7	4	7	-	-	-	13	13	17
1986	October	3	12	10	9	11	11	7	2	-	2	-	-	-	11	11	12
1986	October	3.5	11	5	4	7	7	2	-	-	-	-	-	-	7	7	11
1986	October	4	6	-	-	2	2	-	-	-	-	-	-	-	3	2	6
1986	October	4.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
1986	November	> 0	30	30	30	30	30	30	23	7	24	30	11	3	30	30	30
1986	November	0.5	30	26	29	30	30	29	3	1	3	4	1	-	30	30	30
1986	November	1	30	3	7	19	19	4	-	-	-	-	-	-	22	29	30
1986	November	1.5	24	-	1	3	3	-	-	-	-	-	-	-	3	3	26
1986	November	2	3	-	-	-	-	-	-	-	-	-	-	-	-	-	3
1986	December	> 0	31	31	31	31	31	31	31	21	31	31	25	10	31	31	31
1986	December	0.5	31	31	31	31	31	31	19	3	15	21	2	-	31	31	31
1986	December	1	31	17	21	27	27	20	-	-	-	-	-	-	31	31	31
1986	December	1.5	31	-	2	12	12	-	-	-	-	-	-	-	14	19	31
1986	December	2	14	-	-	-	-	-	-	-	-	-	-	-	-	-	14
1987	January	> 0	31	28	30	30	29	29	22	-	22	28	1	-	30	31	31
1987	January	0.5	31	24	28	28	28	27	-	-	-	-	-	-	28	30	31
1987	January	1	28	-	-	6	6	-	-	-	-	-	-	-	22	27	29
1987	January	1.5	22	-	-	-	-	-	-	-	-	-	-	-	-	-	22
1987	February	> 0	28	28	28	28	28	28	5	-	13	28	-	-	28	28	28
1987	February	0.5	28	13	18	26	26	16	-	-	-	-	-	-	28	28	28
1987	February	1	28	-	-	-	-	-	-	-	-	-	-	-	1	16	28
1987	February	1.5	12	-	-	-	-	-	-	-	-	-	-	-	-	-	13
1987	March	> 0	31	31	31	31	31	31	28	10	29	31	12	5	31	31	31
1987	March	0.5	31	29	31	31	31	31	10	5	8	10	5	-	31	31	31
1987	March	1	31	8	10	13	13	10	2	-	1	1	-	-	27	31	31
1987	March	1.5	29	2	5	5	5	3	-	-	-	-	-	-	6	10	29
1987	March	2	7	-	-	-	-	-	-	-	-	-	-	-	1	2	7
1987	March	2.5	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1
1987	April	> 0	30	30	30	30	30	30	20	6	22	30	8	-	30	30	30
1987	April	0.5	30	23	27	30	30	25	3	-	1	5	-	-	30	30	30
1987	April	1	30	2	6	9	9	5	-	-	-	-	-	-	20	25	30
1987	April	1.5	22	-	-	-	-	-	-	-	-	-	-	-	-	3	22
1987	April	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1
1987	May	> 0	31	17	29	29	28	24	-	-	-	16	-	-	29	31	31
1987	May	0.5	31	-	3	12	12	1	-	-	-	-	-	-	16	29	31
1987	May	1	21	-	-	-	-	-	-	-	-	-	-	-	-	1	23
1987	June	> 0	30	3	9	9	7	6	-	-	-	2	-	-	9	20	30
1987	June	0.5	30	-	-	1	1	-	-	-	-	-	-	-	2	7	30
1987	June	1	4	-	-	-	-	-	-	-	-	-	-	-	-	-	5

**Table C-1**  
**Total Number of Estimated Inundation Days Between 1985 and 2004**

Year	Month	Depth (feet)	A	B	C	D	E	F	G	H	I	J	K	L	SPMD1	SPMD2	SPMD3
1987	July	> 0	31	-	4	4	1	-	-	-	-	-	-	-	4	20	31
1987	July	0.5	31	-	-	-	-	-	-	-	-	-	-	-	-	2	31
1987	August	> 0	31	7	10	10	9	9	4	2	4	5	3	-	10	16	31
1987	August	0.5	31	5	5	5	5	5	2	-	1	2	-	-	5	10	31
1987	August	1	8	1	2	4	4	2	-	-	-	-	-	-	4	5	8
1987	August	1.5	4	-	-	-	-	-	-	-	-	-	-	-	-	2	4
1987	August	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1
1987	September	> 0	30	20	26	26	26	24	-	-	1	18	-	-	26	29	30
1987	September	0.5	30	6	9	17	17	6	-	-	-	-	-	-	18	26	30
1987	September	1	23	-	-	-	-	-	-	-	-	-	-	-	-	6	23
1987	September	1.5	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1
1987	October	> 0	31	13	28	28	24	22	-	-	-	11	-	-	28	31	31
1987	October	0.5	31	-	4	8	8	3	-	-	-	-	-	-	13	25	31
1987	October	1	18	-	-	-	-	-	-	-	-	-	-	-	-	2	21
1987	November	> 0	30	16	30	30	30	29	5	-	5	13	1	-	30	30	30
1987	November	0.5	30	5	7	12	12	5	-	-	-	-	-	-	13	30	30
1987	November	1	23	-	-	2	2	-	-	-	-	-	-	-	5	5	24
1987	November	1.5	5	-	-	-	-	-	-	-	-	-	-	-	-	-	5
1987	December	> 0	31	31	31	31	31	31	31	27	31	31	31	15	31	31	31
1987	December	0.5	31	31	31	31	31	31	21	14	19	23	14	8	31	31	31
1987	December	1	31	19	27	31	31	21	13	6	11	10	2	-	31	31	31
1987	December	1.5	31	13	14	15	15	13	3	-	1	-	-	-	19	21	31
1987	December	2	19	4	6	9	9	3	-	-	-	-	-	-	11	13	19
1987	December	2.5	11	-	-	-	-	-	-	-	-	-	-	-	1	2	11
1987	December	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
1988	January	> 0	31	31	31	31	31	31	20	11	20	31	17	6	31	31	31
1988	January	0.5	31	23	27	31	31	25	9	5	9	10	4	-	31	31	31
1988	January	1	31	9	11	19	19	10	3	-	2	2	-	-	20	25	31
1988	January	1.5	20	4	5	7	7	4	-	-	-	-	-	-	8	9	21
1988	January	2	9	-	-	2	2	-	-	-	-	-	-	-	2	3	9
1988	January	2.5	2	-	-	-	-	-	-	-	-	-	-	-	-	-	2
1988	February	> 0	29	29	29	29	29	29	28	21	28	29	26	6	29	29	29
1988	February	0.5	29	28	29	29	29	29	15	5	12	20	5	4	29	29	29
1988	February	1	29	14	21	27	27	17	4	3	4	4	-	-	28	29	29
1988	February	1.5	28	5	5	10	10	5	-	-	-	-	-	-	11	15	28
1988	February	2	11	-	2	4	4	-	-	-	-	-	-	-	4	4	11
1988	February	2.5	4	-	-	-	-	-	-	-	-	-	-	-	-	-	4
1988	March	> 0	31	31	31	31	31	31	31	22	31	31	28	2	31	31	31
1988	March	0.5	31	31	31	31	31	31	17	1	14	19	1	-	31	31	31
1988	March	1	31	14	22	31	31	18	-	-	-	-	-	-	31	31	31
1988	March	1.5	31	1	1	6	6	1	-	-	-	-	-	-	9	17	31
1988	March	2	9	-	-	-	-	-	-	-	-	-	-	-	-	-	11
1988	April	> 0	30	30	30	30	30	30	30	25	30	30	30	14	30	30	30
1988	April	0.5	30	30	30	30	30	30	21	14	20	24	12	7	30	30	30
1988	April	1	30	20	25	30	30	23	10	7	9	8	6	4	30	30	30
1988	April	1.5	30	10	12	17	17	10	6	4	5	4	2	1	18	21	30
1988	April	2	18	7	7	8	8	6	2	2	2	1	-	-	8	10	19
1988	April	2.5	8	4	4	5	5	2	1	-	-	-	-	-	5	6	8
1988	April	3	5	2	2	2	2	1	-	-	-	-	-	-	2	2	5
1988	April	3.5	2	-	-	1	1	-	-	-	-	-	-	-	1	1	2
1988	May	> 0	31	29	30	30	30	30	3	-	3	27	1	-	30	31	31
1988	May	0.5	31	4	20	26	26	10	-	-	-	-	-	-	27	30	31
1988	May	1	29	-	-	2	2	-	-	-	-	-	-	-	3	6	30
1988	May	1.5	3	-	-	-	-	-	-	-	-	-	-	-	-	-	3
1988	June	> 0	30	1	8	8	2	2	-	-	-	-	-	-	8	12	30
1988	June	0.5	28	-	-	-	-	-	-	-	-	-	-	-	-	2	30
1988	June	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	2
1988	July	> 0	31	-	4	4	-	-	-	-	-	-	-	-	4	7	31
1988	July	0.5	19	-	-	-	-	-	-	-	-	-	-	-	-	-	21
1988	August	> 0	31	-	2	2	1	-	-	-	-	-	-	-	2	11	31
1988	August	0.5	27	-	-	-	-	-	-	-	-	-	-	-	-	1	27
1988	September	> 0	30	11	14	14	14	13	9	6	9	11	7	4	14	18	30

**Table C-1**  
**Total Number of Estimated Inundation Days Between 1985 and 2004**

Year	Month	Depth (feet)	A	B	C	D	E	F	G	H	I	J	K	L	SPMD1	SPMD2	SPMD3
1988	September	0.5	30	10	11	11	11	11	4	3	4	6	3	1	11	14	30
1988	September	1	12	4	6	8	8	5	3	1	3	3	-	-	9	11	13
1988	September	1.5	9	3	3	4	4	3	-	-	-	-	-	-	4	4	9
1988	September	2	4	-	1	3	3	-	-	-	-	-	-	-	3	3	4
1988	September	2.5	3	-	-	-	-	-	-	-	-	-	-	-	-	-	3
1988	October	> 0	31	28	31	31	31	31	14	9	15	24	12	-	31	31	31
1988	October	0.5	31	17	22	24	24	19	5	-	2	7	-	-	24	31	31
1988	October	1	28	2	9	14	14	6	-	-	-	-	-	-	14	17	28
1988	October	1.5	14	-	-	-	-	-	-	-	-	-	-	-	-	5	16
1988	October	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
1988	November	> 0	30	30	30	30	30	30	26	23	26	30	23	21	30	30	30
1988	November	0.5	30	30	30	30	30	30	23	20	22	23	20	14	30	30	30
1988	November	1	30	22	23	24	24	23	19	13	18	16	5	-	26	30	30
1988	November	1.5	26	19	20	22	22	20	7	-	4	-	-	-	22	23	28
1988	November	2	22	11	12	16	16	8	-	-	-	-	-	-	17	19	22
1988	November	2.5	17	-	-	3	3	-	-	-	-	-	-	-	4	5	18
1988	November	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	4
1988	December	> 0	31	31	31	31	31	31	27	18	27	31	19	2	31	31	31
1988	December	0.5	31	30	31	31	31	31	10	1	9	16	-	-	31	31	31
1988	December	1	31	9	18	21	21	14	-	-	-	-	-	-	27	30	31
1988	December	1.5	27	-	-	6	6	-	-	-	-	-	-	-	7	10	28
1988	December	2	7	-	-	-	-	-	-	-	-	-	-	-	-	-	8
1989	January	> 0	31	31	31	31	31	31	31	16	31	31	26	4	31	31	31
1989	January	0.5	31	31	31	31	31	31	11	2	10	13	2	-	31	31	31
1989	January	1	31	10	16	31	31	13	2	-	1	-	-	-	31	31	31
1989	January	1.5	31	2	2	5	5	2	-	-	-	-	-	-	8	11	31
1989	January	2	9	-	-	-	-	-	-	-	-	-	-	-	-	2	10
1989	February	> 0	28	28	28	28	28	28	13	5	15	26	7	2	28	28	28
1989	February	0.5	28	19	23	25	25	21	4	1	4	4	-	-	26	28	28
1989	February	1	28	4	5	8	8	4	-	-	-	-	-	-	13	21	28
1989	February	1.5	14	-	1	3	3	-	-	-	-	-	-	-	3	4	15
1989	February	2	4	-	-	-	-	-	-	-	-	-	-	-	-	-	4
1989	March	> 0	31	31	31	31	31	31	24	18	24	31	18	17	31	31	31
1989	March	0.5	31	27	29	31	31	27	18	16	18	18	16	8	31	31	31
1989	March	1	31	18	18	19	19	18	16	6	13	10	5	-	24	27	31
1989	March	1.5	24	16	16	17	17	16	5	-	4	-	-	-	18	18	25
1989	March	2	18	6	6	10	10	5	-	-	-	-	-	-	11	16	18
1989	March	2.5	11	-	-	4	4	-	-	-	-	-	-	-	4	5	12
1989	March	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	4
1989	April	> 0	30	30	30	30	30	30	30	23	30	30	27	12	30	30	30
1989	April	0.5	30	30	30	30	30	30	18	12	17	19	12	8	30	30	30
1989	April	1	30	17	23	29	29	18	10	7	10	9	1	-	30	30	30
1989	April	1.5	30	10	12	13	13	10	2	-	1	-	-	-	16	18	30
1989	April	2	16	5	7	9	9	2	-	-	-	-	-	-	9	10	16
1989	April	2.5	9	-	-	-	-	-	-	-	-	-	-	-	1	1	9
1989	May	> 0	31	31	31	31	31	31	11	1	12	31	1	1	31	31	31
1989	May	0.5	31	23	30	31	31	26	1	1	1	1	1	1	31	31	31
1989	May	1	31	1	1	4	4	1	1	1	1	1	1	-	11	24	31
1989	May	1.5	11	1	1	1	1	1	1	-	1	-	-	-	1	1	13
1989	May	2	1	1	1	1	1	1	-	-	-	-	-	-	1	1	1
1989	May	2.5	1	-	-	1	1	-	-	-	-	-	-	-	1	1	1
1989	May	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1
1989	June	> 0	30	30	30	30	30	30	30	29	30	30	30	20	30	30	30
1989	June	0.5	30	30	30	30	30	30	28	17	28	28	17	12	30	30	30
1989	June	1	30	28	29	30	30	28	13	11	12	12	10	9	30	30	30

**Table C-1**  
**Total Number of Estimated Inundation Days Between 1985 and 2004**

Year	Month	Depth (feet)	A	B	C	D	E	F	G	H	I	J	K	L	SPMD1	SPMD2	SPMD3
1989	June	1.5	30	15	17	23	23	16	10	9	10	9	9	7	26	28	30
1989	June	2	26	11	11	12	12	10	9	8	9	7	6	4	12	13	26
1989	June	2.5	12	9	9	10	10	9	7	6	7	4	2	-	10	10	12
1989	June	3	10	8	8	9	9	8	4	-	4	-	-	-	9	9	10
1989	June	3.5	9	6	6	7	7	6	-	-	-	-	-	-	7	7	9
1989	June	4	6	3	-	4	4	-	-	-	-	-	-	-	6	4	6
1989	June	4.5	4	-	-	-	-	-	-	-	-	-	-	-	-	-	4
1989	July	> 0	31	28	31	31	31	31	6	2	7	28	4	-	31	31	31
1989	July	0.5	31	8	19	24	24	14	1	-	1	2	-	-	28	31	31
1989	July	1	31	1	2	5	5	1	-	-	-	-	-	-	6	14	31
1989	July	1.5	7	-	-	-	-	-	-	-	-	-	-	-	-	1	8
1989	August	> 0	31	21	31	31	29	27	-	-	1	16	-	-	31	31	31
1989	August	0.5	31	3	10	13	13	5	-	-	-	-	-	-	16	30	31
1989	August	1	23	-	-	-	-	-	-	-	-	-	-	-	-	4	26
1989	August	1.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3
1989	September	> 0	30	30	30	30	30	30	15	8	20	28	9	-	30	30	30
1989	September	0.5	30	20	24	26	26	22	4	-	3	5	-	-	28	30	30
1989	September	1	30	3	8	11	11	4	-	-	-	-	-	-	13	22	30
1989	September	1.5	20	-	-	-	-	-	-	-	-	-	-	-	-	4	20
1989	September	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	3
1989	October	> 0	31	14	31	31	31	31	-	-	-	14	-	-	31	31	31
1989	October	0.5	31	1	4	8	8	2	-	-	-	-	-	-	14	31	31
1989	October	1	20	-	-	-	-	-	-	-	-	-	-	-	-	2	29
1989	November	> 0	30	28	30	30	30	30	16	11	16	28	16	7	30	30	30
1989	November	0.5	30	18	24	24	24	20	9	7	9	10	7	-	28	30	30
1989	November	1	30	9	11	16	16	10	5	-	3	-	-	-	16	20	30
1989	November	1.5	16	5	7	8	8	5	-	-	-	-	-	-	8	9	16
1989	November	2	9	-	-	-	-	-	-	-	-	-	-	-	-	5	9
1989	December	> 0	31	18	29	29	27	23	5	-	5	15	1	-	29	31	31
1989	December	0.5	31	6	12	13	13	7	-	-	-	-	-	-	15	28	31
1989	December	1	19	-	-	3	3	-	-	-	-	-	-	-	5	7	23
1989	December	1.5	5	-	-	-	-	-	-	-	-	-	-	-	-	-	5
1990	January	> 0	31	31	31	31	31	31	27	21	27	31	25	11	31	31	31
1990	January	0.5	31	27	30	30	30	28	19	6	18	20	4	-	31	31	31
1990	January	1	31	19	21	26	26	20	3	-	-	-	-	-	27	28	31
1990	January	1.5	27	3	4	12	12	3	-	-	-	-	-	-	16	19	27
1990	January	2	16	-	-	-	-	-	-	-	-	-	-	-	-	3	16
1990	February	> 0	28	28	28	28	28	28	28	23	28	28	27	6	28	28	28
1990	February	0.5	28	28	28	28	28	28	13	6	11	17	6	2	28	28	28
1990	February	1	28	12	23	28	28	16	5	1	5	4	-	-	28	28	28
1990	February	1.5	28	5	6	6	6	5	-	-	-	-	-	-	9	13	28
1990	February	2	10	1	1	3	3	1	-	-	-	-	-	-	4	5	10
1990	February	2.5	4	-	-	-	-	-	-	-	-	-	-	-	-	-	4
1990	March	> 0	31	31	31	31	31	31	31	31	31	31	31	26	31	31	31
1990	March	0.5	31	31	31	31	31	31	30	22	30	30	22	13	31	31	31
1990	March	1	31	30	31	31	31	30	18	12	16	16	10	8	31	31	31
1990	March	1.5	31	19	22	28	28	20	10	8	9	8	6	4	28	30	31
1990	March	2	29	11	12	15	15	10	7	5	6	4	3	1	16	18	29
1990	March	2.5	16	8	8	9	9	8	4	3	4	1	-	-	9	10	16
1990	March	3	9	5	5	6	6	5	3	-	2	-	-	-	6	7	9
1990	March	3.5	6	3	3	4	4	3	-	-	-	-	-	-	5	4	6
1990	March	4	3	-	-	3	3	-	-	-	-	-	-	-	3	3	4
1990	March	4.5	1	-	-	-	-	-	-	-	-	-	-	-	-	-	2
1990	April	> 0	30	30	30	30	30	30	30	30	30	30	30	24	30	30	30
1990	April	0.5	30	30	30	30	30	30	29	20	29	30	18	-	30	30	30

**Table C-1**  
**Total Number of Estimated Inundation Days Between 1985 and 2004**

Year	Month	Depth (feet)	A	B	C	D	E	F	G	H	I	J	K	L	SPMD1	SPMD2	SPMD3
1990	April	1	30	29	30	30	30	30	14	-	9	4	-	-	30	30	30
1990	April	1.5	30	15	18	25	25	15	-	-	-	-	-	-	28	29	30
1990	April	2	28	-	-	4	4	-	-	-	-	-	-	-	6	14	28
1990	April	2.5	4	-	-	-	-	-	-	-	-	-	-	-	-	-	6
1990	May	> 0	31	31	31	31	31	31	31	28	31	31	29	13	31	31	31
1990	May	0.5	31	31	31	31	31	31	22	13	21	27	13	7	31	31	31
1990	May	1	31	21	28	30	30	25	11	7	10	9	7	4	31	31	31
1990	May	1.5	31	11	13	15	15	12	7	4	7	4	-	-	16	22	31
1990	May	2	16	7	7	9	9	7	1	-	-	-	-	-	9	11	19
1990	May	2.5	9	4	4	5	5	3	-	-	-	-	-	-	6	7	9
1990	May	3	5	-	-	-	-	-	-	-	-	-	-	-	-	1	6
1990	June	> 0	30	29	30	30	30	30	9	2	10	27	3	-	30	30	30
1990	June	0.5	30	10	20	24	24	14	-	-	-	1	-	-	27	30	30
1990	June	1	30	-	2	5	5	1	-	-	-	-	-	-	9	14	30
1990	June	1.5	10	-	-	-	-	-	-	-	-	-	-	-	-	-	10
1990	July	> 0	31	24	31	31	30	28	10	3	12	24	5	-	31	31	31
1990	July	0.5	31	12	15	18	18	13	2	-	1	2	-	-	24	31	31
1990	July	1	25	2	3	9	9	2	-	-	-	-	-	-	10	13	28
1990	July	1.5	12	-	-	-	-	-	-	-	-	-	-	-	-	2	12
1990	July	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
1990	August	> 0	31	11	31	31	28	24	5	-	5	10	-	-	31	31	31
1990	August	0.5	31	5	7	9	9	7	-	-	-	-	-	-	10	29	31
1990	August	1	16	-	-	-	-	-	-	-	-	-	-	-	4	7	21
1990	August	1.5	5	-	-	-	-	-	-	-	-	-	-	-	-	-	5
1990	September	> 0	30	16	29	29	27	24	-	-	-	14	-	-	29	29	30
1990	September	0.5	29	-	6	11	11	2	-	-	-	-	-	-	15	28	29
1990	September	1	20	-	-	-	-	-	-	-	-	-	-	-	-	1	22
1990	October	> 0	31	28	31	31	30	28	24	15	24	28	17	10	31	31	31
1990	October	0.5	31	24	28	28	28	27	14	10	13	14	10	8	28	31	31
1990	October	1	28	14	15	19	19	14	10	6	9	8	6	-	23	26	28
1990	October	1.5	24	10	10	11	11	10	6	-	6	-	-	-	13	14	24
1990	October	2	13	6	6	8	8	6	-	-	-	-	-	-	8	10	13
1990	October	2.5	8	-	-	6	6	-	-	-	-	-	-	-	6	6	8
1990	October	3	5	-	-	-	-	-	-	-	-	-	-	-	-	-	6
1990	November	> 0	30	30	30	30	30	30	26	19	26	30	25	12	30	30	30
1990	November	0.5	30	26	29	29	29	28	16	11	16	17	11	10	30	30	30
1990	November	1	30	16	19	26	26	16	11	10	11	11	9	2	26	28	30
1990	November	1.5	26	11	11	14	14	11	9	2	9	4	2	-	14	16	26
1990	November	2	15	10	10	11	11	9	2	-	2	-	-	-	11	11	16
1990	November	2.5	11	2	2	7	7	2	-	-	-	-	-	-	9	9	11
1990	November	3	7	-	-	2	2	-	-	-	-	-	-	-	2	2	8
1990	November	3.5	2	-	-	-	-	-	-	-	-	-	-	-	-	-	2
1990	December	> 0	31	31	31	31	31	31	31	28	31	31	28	25	31	31	31
1990	December	0.5	31	31	31	31	31	31	28	14	28	28	13	10	31	31	31
1990	December	1	31	28	28	29	29	28	11	10	11	11	9	6	31	31	31
1990	December	1.5	31	11	14	27	27	11	9	7	8	7	4	3	28	28	31
1990	December	2	28	9	9	10	10	9	5	3	5	3	1	-	11	11	28
1990	December	2.5	11	6	6	8	8	6	3	1	2	-	-	-	8	9	11
1990	December	3	8	3	3	4	4	3	-	-	-	-	-	-	5	5	8
1990	December	3.5	3	1	1	3	3	-	-	-	-	-	-	-	3	3	4
1990	December	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-	2
1991	January	> 0	31	31	31	31	31	31	31	31	31	31	31	21	31	31	31
1991	January	0.5	31	31	31	31	31	31	29	16	28	30	15	7	31	31	31
1991	January	1	31	28	31	31	31	29	11	7	10	9	6	3	31	31	31
1991	January	1.5	31	11	16	23	23	12	6	4	6	5	3	1	26	29	31

**Table C-1**  
**Total Number of Estimated Inundation Days Between 1985 and 2004**

Year	Month	Depth (feet)	A	B	C	D	E	F	G	H	I	J	K	L	SPMD1	SPMD2	SPMD3
1991	January	2	27	6	7	8	8	6	3	1	3	1	-	-	9	11	27
1991	January	2.5	9	3	3	6	6	3	1	-	-	-	-	-	6	6	9
1991	January	3	6	1	1	3	3	1	-	-	-	-	-	-	3	3	6
1991	January	3.5	3	-	-	1	1	-	-	-	-	-	-	-	1	1	3
1991	February	> 0	28	28	28	28	28	28	28	24	28	28	18	13	28	28	28
1991	February	0.5	28	28	28	28	28	28	21	11	20	22	10	-	28	28	28
1991	February	1	28	21	24	28	28	22	7	-	7	-	-	-	28	28	28
1991	February	1.5	28	7	11	14	14	9	-	-	-	-	-	-	18	21	28
1991	February	2	19	-	-	-	-	-	-	-	-	-	-	-	3	7	19
1991	February	2.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3
1991	March	> 0	31	31	31	31	31	31	31	31	31	31	31	19	31	31	31
1991	March	0.5	31	31	31	31	31	31	27	17	26	29	17	8	31	31	31
1991	March	1	31	26	31	31	31	28	13	4	12	10	4	3	31	31	31
1991	March	1.5	31	14	17	22	22	15	4	3	4	3	1	-	24	27	31
1991	March	2	24	4	4	10	10	4	2	-	1	-	-	-	11	13	25
1991	March	2.5	11	3	3	4	4	2	-	-	-	-	-	-	4	4	11
1991	March	3	4	-	-	1	1	-	-	-	-	-	-	-	2	2	4
1991	March	3.5	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1
1991	April	> 0	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
1991	April	0.5	30	30	30	30	30	30	30	30	30	30	30	18	30	30	30
1991	April	1	30	30	30	30	30	30	28	17	23	22	15	4	30	30	30
1991	April	1.5	30	28	30	30	30	29	15	4	13	6	1	-	30	30	30
1991	April	2	30	17	17	21	21	15	1	-	1	-	-	-	22	28	30
1991	April	2.5	22	4	4	11	11	2	-	-	-	-	-	-	12	15	22
1991	April	3	11	-	-	1	1	-	-	-	-	-	-	-	1	1	12
1991	April	3.5	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1
1991	May	> 0	31	31	31	31	31	31	31	24	31	31	26	7	31	31	31
1991	May	0.5	31	31	31	31	31	31	19	4	15	21	4	-	31	31	31
1991	May	1	31	16	24	27	27	20	2	-	2	1	-	-	30	31	31
1991	May	1.5	31	2	4	10	10	3	-	-	-	-	-	-	11	19	31
1991	May	2	13	-	-	1	1	-	-	-	-	-	-	-	1	2	13
1991	May	2.5	1	-	-	-	-	-	-	-	-	-	-	-	-	-	2
1991	June	> 0	30	23	30	30	28	25	6	-	8	19	3	-	30	30	30
1991	June	0.5	30	9	14	19	19	10	-	-	-	-	-	-	19	28	30
1991	June	1	23	-	-	5	5	-	-	-	-	-	-	-	5	10	24
1991	June	1.5	8	-	-	-	-	-	-	-	-	-	-	-	-	-	9
1991	July	> 0	31	9	30	30	21	17	-	-	-	9	-	-	30	31	31
1991	July	0.5	31	-	3	6	6	1	-	-	-	-	-	-	9	22	31
1991	July	1	9	-	-	-	-	-	-	-	-	-	-	-	-	1	15
1991	August	> 0	31	9	29	29	22	22	2	-	3	9	-	-	29	30	31
1991	August	0.5	31	4	7	8	8	6	-	-	-	-	-	-	9	25	31
1991	August	1	12	-	-	-	-	-	-	-	-	-	-	-	1	5	14
1991	August	1.5	3	-	-	-	-	-	-	-	-	-	-	-	-	-	4
1991	September	> 0	30	1	20	20	10	8	-	-	-	1	-	-	20	26	30
1991	September	0.5	29	1	1	1	1	1	-	-	-	-	-	-	1	11	29
1991	September	1	4	-	-	-	-	-	-	-	-	-	-	-	-	1	6
1991	October	> 0	31	25	30	30	30	30	10	5	12	25	7	5	30	31	31
1991	October	0.5	31	12	18	22	22	15	5	5	5	5	5	2	25	30	31
1991	October	1	28	5	5	8	8	5	5	1	5	5	1	-	10	15	30
1991	October	1.5	12	5	5	5	5	5	1	-	1	-	-	-	5	5	12
1991	October	2	5	1	1	5	5	1	-	-	-	-	-	-	5	5	5
1991	October	2.5	5	-	-	1	1	-	-	-	-	-	-	-	1	1	5
1991	October	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1
1991	November	> 0	30	30	30	30	30	30	23	16	27	30	18	9	30	30	30
1991	November	0.5	30	27	29	30	30	29	16	6	13	16	6	1	30	30	30

**Table C-1**  
**Total Number of Estimated Inundation Days Between 1985 and 2004**

Year	Month	Depth (feet)	A	B	C	D	E	F	G	H	I	J	K	L	SPMD1	SPMD2	SPMD3
1991	November	1	30	13	16	18	18	16	3	1	3	3	1	-	22	29	30
1991	November	1.5	27	3	6	10	10	3	1	-	1	-	-	-	12	16	27
1991	November	2	12	1	1	2	2	1	-	-	-	-	-	-	3	3	12
1991	November	2.5	3	-	-	1	1	-	-	-	-	-	-	-	1	1	3
1991	November	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1
1991	December	> 0	31	31	31	31	31	31	31	27	31	31	31	19	31	31	31
1991	December	0.5	31	31	31	31	31	31	25	18	23	25	18	13	31	31	31
1991	December	1	31	24	27	31	31	25	18	10	17	16	7	-	31	31	31
1991	December	1.5	31	18	18	19	19	18	7	-	4	-	-	-	19	25	31
1991	December	2	19	8	10	16	16	7	-	-	-	-	-	-	16	18	21
1991	December	2.5	16	-	-	2	2	-	-	-	-	-	-	-	4	7	16
1991	December	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-	3
1992	January	> 0	31	31	31	31	31	31	28	21	31	31	25	10	31	31	31
1992	January	0.5	31	31	31	31	31	31	15	8	14	17	7	-	31	31	31
1992	January	1	31	14	21	27	27	16	3	-	1	-	-	-	28	31	31
1992	January	1.5	31	4	7	11	11	4	-	-	-	-	-	-	11	15	31
1992	January	2	11	-	-	-	-	-	-	-	-	-	-	-	-	3	13
1992	February	> 0	29	29	29	29	29	29	22	12	27	29	12	8	29	29	29
1992	February	0.5	29	27	29	29	29	29	11	6	11	11	6	-	29	29	29
1992	February	1	29	11	12	14	14	11	-	-	-	-	-	-	20	28	29
1992	February	1.5	27	-	6	10	10	-	-	-	-	-	-	-	11	11	27
1992	February	2	11	-	-	-	-	-	-	-	-	-	-	-	-	-	11
1992	March	> 0	31	31	31	31	31	31	31	31	31	31	31	14	31	31	31
1992	March	0.5	31	31	31	31	31	31	25	10	24	27	9	-	31	31	31
1992	March	1	31	24	31	31	31	26	8	-	4	3	-	-	31	31	31
1992	March	1.5	31	8	10	20	20	8	-	-	-	-	-	-	21	25	31
1992	March	2	22	-	-	3	3	-	-	-	-	-	-	-	4	8	22
1992	March	2.5	3	-	-	-	-	-	-	-	-	-	-	-	-	-	4
1992	April	> 0	30	30	30	30	30	30	30	25	30	30	30	10	30	30	30
1992	April	0.5	30	30	30	30	30	30	19	10	17	23	10	5	30	30	30
1992	April	1	30	18	25	30	30	23	8	4	7	6	-	-	30	30	30
1992	April	1.5	30	8	10	11	11	8	2	-	-	-	-	-	14	19	30
1992	April	2	15	2	2	6	6	2	-	-	-	-	-	-	6	8	15
1992	April	2.5	6	-	-	-	-	-	-	-	-	-	-	-	-	-	6
1992	May	> 0	31	31	31	31	31	31	13	7	16	30	8	3	31	31	31
1992	May	0.5	31	16	20	27	27	17	6	2	5	7	2	-	31	31	31
1992	May	1	31	6	7	9	9	6	2	-	1	-	-	-	13	17	31
1992	May	1.5	16	2	2	3	3	2	-	-	-	-	-	-	4	6	16
1992	May	2	4	-	-	-	-	-	-	-	-	-	-	-	1	2	5
1992	May	2.5	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1
1992	June	> 0	30	17	28	28	28	24	-	-	-	17	-	-	28	30	30
1992	June	0.5	30	3	9	13	13	6	-	-	-	-	-	-	17	28	30
1992	June	1	19	-	-	-	-	-	-	-	-	-	-	-	-	3	22
1992	June	1.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
1992	July	> 0	31	19	26	26	23	22	-	-	4	18	-	-	26	27	31
1992	July	0.5	31	6	15	18	18	11	-	-	-	-	-	-	18	23	31
1992	July	1	19	-	-	-	-	-	-	-	-	-	-	-	-	9	19
1992	July	1.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6
1992	August	> 0	31	18	30	30	28	26	6	6	10	16	6	2	30	30	31
1992	August	0.5	31	11	14	16	16	12	5	2	5	5	2	-	17	28	31
1992	August	1	19	5	6	6	6	5	1	-	1	-	-	-	6	11	22
1992	August	1.5	10	1	2	2	2	1	-	-	-	-	-	-	2	5	11
1992	August	2	2	-	-	-	-	-	-	-	-	-	-	-	-	1	3
1992	September	> 0	30	26	30	30	30	30	6	4	8	24	5	-	30	30	30
1992	September	0.5	30	10	22	23	23	14	3	-	3	4	-	-	24	30	30

**Table C-1**  
**Total Number of Estimated Inundation Days Between 1985 and 2004**

Year	Month	Depth (feet)	A	B	C	D	E	F	G	H	I	J	K	L	SPMD1	SPMD2	SPMD3
1992	September	1	29	3	4	5	5	4	-	-	-	-	-	-	6	12	30
1992	September	1.5	8	-	-	-	-	-	-	-	-	-	-	-	-	3	8
1992	September	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1
1992	October	> 0	31	28	31	31	30	30	16	11	17	28	12	6	31	31	31
1992	October	0.5	31	17	18	25	25	17	10	5	8	10	5	-	28	30	31
1992	October	1	28	8	11	12	12	10	2	-	2	-	-	-	14	17	29
1992	October	1.5	17	2	5	6	6	3	-	-	-	-	-	-	8	10	17
1992	October	2	8	-	-	-	-	-	-	-	-	-	-	-	-	2	8
1992	November	> 0	30	30	30	30	30	30	28	28	28	30	28	25	30	30	30
1992	November	0.5	30	29	30	30	30	30	28	24	27	28	24	13	30	30	30
1992	November	1	30	28	28	28	28	28	22	11	20	17	8	3	28	30	30
1992	November	1.5	28	22	24	26	26	23	9	3	5	3	-	-	26	28	28
1992	November	2	26	9	11	16	16	9	1	-	-	-	-	-	19	22	27
1992	November	2.5	17	3	3	4	4	1	-	-	-	-	-	-	5	8	20
1992	November	3	4	-	-	-	-	-	-	-	-	-	-	-	-	1	4
1992	December	> 0	31	31	31	31	31	31	29	24	29	31	27	8	31	31	31
1992	December	0.5	31	29	31	31	31	30	18	6	16	19	5	-	31	31	31
1992	December	1	31	16	24	29	29	19	2	-	2	-	-	-	29	30	31
1992	December	1.5	29	3	5	12	12	3	-	-	-	-	-	-	13	18	29
1992	December	2	14	-	-	-	-	-	-	-	-	-	-	-	-	2	14
1992	December	2.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
1993	January	> 0	31	31	31	31	31	31	31	31	31	31	31	29	31	31	31
1993	January	0.5	31	31	31	31	31	31	31	28	30	31	28	15	31	31	31
1993	January	1	31	30	31	31	31	31	27	14	27	23	14	7	31	31	31
1993	January	1.5	31	27	28	29	29	27	14	7	13	7	7	4	29	31	31
1993	January	2	30	14	14	23	23	14	7	5	7	4	2	-	24	27	30
1993	January	2.5	24	7	7	13	13	7	4	1	3	-	-	-	13	14	25
1993	January	3	13	5	5	7	7	4	-	-	-	-	-	-	7	7	13
1993	January	3.5	7	2	1	3	3	-	-	-	-	-	-	-	4	4	7
1993	January	4	3	-	-	-	-	-	-	-	-	-	-	-	-	-	3
1993	February	> 0	28	28	28	28	28	28	28	12	28	28	23	-	28	28	28
1993	February	0.5	28	28	28	28	28	28	3	-	2	9	-	-	28	28	28
1993	February	1	28	3	12	26	26	8	-	-	-	-	-	-	28	28	28
1993	February	1.5	28	-	-	-	-	-	-	-	-	-	-	-	1	3	28
1993	February	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	2
1993	March	> 0	31	31	31	31	31	31	31	27	31	31	28	20	31	31	31
1993	March	0.5	31	31	31	31	31	31	26	17	25	27	15	8	31	31	31
1993	March	1	31	25	27	29	29	27	13	8	9	8	7	6	31	31	31
1993	March	1.5	31	13	16	22	22	13	7	6	7	7	5	4	23	26	31
1993	March	2	23	8	8	8	8	7	6	4	6	4	3	-	8	13	23
1993	March	2.5	8	6	6	7	7	6	4	-	4	-	-	-	7	7	8
1993	March	3	7	4	4	5	5	4	-	-	-	-	-	-	6	6	7
1993	March	3.5	5	1	-	4	4	-	-	-	-	-	-	-	4	4	5
1993	March	4	4	-	-	-	-	-	-	-	-	-	-	-	-	-	4
1993	April	> 0	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
1993	April	0.5	30	30	30	30	30	30	30	30	30	30	30	17	30	30	30
1993	April	1	30	30	30	30	30	30	30	16	24	24	15	9	30	30	30
1993	April	1.5	30	30	30	30	30	30	15	9	15	11	7	4	30	30	30
1993	April	2	30	15	16	24	24	15	9	5	9	4	2	-	24	30	30
1993	April	2.5	24	9	9	15	15	9	4	2	3	-	-	-	15	15	24
1993	April	3	15	5	4	8	8	4	-	-	-	-	-	-	9	9	15
1993	April	3.5	7	2	2	3	3	1	-	-	-	-	-	-	4	4	7
1993	April	4	3	-	-	-	-	-	-	-	-	-	-	-	1	-	3
1993	May	> 0	31	31	31	31	31	31	23	14	26	31	18	10	31	31	31
1993	May	0.5	31	27	30	31	31	29	13	9	13	13	9	4	31	31	31

**Table C-1**  
**Total Number of Estimated Inundation Days Between 1985 and 2004**

Year	Month	Depth (feet)	A	B	C	D	E	F	G	H	I	J	K	L	SPMD1	SPMD2	SPMD3
1993	May	1	31	13	14	20	20	13	9	-	9	9	-	-	21	27	31
1993	May	1.5	25	9	9	10	10	9	-	-	-	-	-	-	11	13	27
1993	May	2	12	-	-	8	8	-	-	-	-	-	-	-	9	9	13
1993	May	2.5	9	-	-	-	-	-	-	-	-	-	-	-	-	-	9
1993	June	> 0	30	30	30	30	30	30	30	21	30	30	24	17	30	30	30
1993	June	0.5	30	30	30	30	30	30	21	16	21	21	13	2	30	30	30
1993	June	1	30	21	21	25	25	21	8	1	8	5	-	-	30	30	30
1993	June	1.5	30	9	15	19	19	10	-	-	-	-	-	-	20	21	30
1993	June	2	20	-	1	5	5	-	-	-	-	-	-	-	6	8	20
1993	June	2.5	5	-	-	-	-	-	-	-	-	-	-	-	-	-	6
1993	July	> 0	31	31	31	31	31	31	22	8	27	31	12	1	31	31	31
1993	July	0.5	31	27	30	31	31	30	6	1	6	6	-	-	31	31	31
1993	July	1	31	6	8	15	15	6	-	-	-	-	-	-	19	29	31
1993	July	1.5	27	-	-	2	2	-	-	-	-	-	-	-	3	6	27
1993	July	2	3	-	-	-	-	-	-	-	-	-	-	-	-	-	4
1993	August	> 0	31	24	30	30	29	29	1	-	3	22	-	-	30	30	31
1993	August	0.5	31	3	11	19	19	8	-	-	-	-	-	-	23	29	31
1993	August	1	26	-	-	-	-	-	-	-	-	-	-	-	1	7	29
1993	August	1.5	3	-	-	-	-	-	-	-	-	-	-	-	-	-	3
1993	September	> 0	30	30	30	30	30	30	26	16	27	30	20	4	30	30	30
1993	September	0.5	30	27	29	30	30	28	13	3	11	13	2	-	30	30	30
1993	September	1	30	11	16	23	23	13	-	-	-	-	-	-	25	28	30
1993	September	1.5	27	1	3	5	5	1	-	-	-	-	-	-	6	13	27
1993	September	2	8	-	-	-	-	-	-	-	-	-	-	-	-	-	10
1993	October	> 0	31	31	31	31	31	31	31	20	31	31	23	18	31	31	31
1993	October	0.5	31	31	31	31	31	31	20	15	19	20	15	9	31	31	31
1993	October	1	31	20	20	29	29	20	12	9	12	10	9	3	31	31	31
1993	October	1.5	31	13	15	19	19	14	9	4	8	4	2	-	19	20	31
1993	October	2	19	9	9	10	10	9	3	-	2	-	-	-	10	12	19
1993	October	2.5	10	3	4	7	7	3	-	-	-	-	-	-	8	9	10
1993	October	3	7	-	-	2	2	-	-	-	-	-	-	-	3	3	7
1993	October	3.5	1	-	-	-	-	-	-	-	-	-	-	-	-	-	2
1993	November	> 0	30	30	30	30	30	30	30	11	30	30	22	-	30	30	30
1993	November	0.5	30	30	30	30	30	30	4	-	2	4	-	-	30	30	30
1993	November	1	30	2	11	28	28	4	-	-	-	-	-	-	30	30	30
1993	November	1.5	30	-	-	-	-	-	-	-	-	-	-	-	-	4	30
1993	November	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1
1993	December	> 0	31	29	31	31	30	30	25	11	26	28	12	-	31	31	31
1993	December	0.5	31	26	28	28	28	27	2	-	-	7	-	-	28	30	31
1993	December	1	29	-	11	12	12	4	-	-	-	-	-	-	22	27	29
1993	December	1.5	26	-	-	-	-	-	-	-	-	-	-	-	-	2	26
1994	January	> 0	31	27	31	31	29	27	4	1	8	26	2	-	31	31	31
1994	January	0.5	31	9	20	22	22	15	-	-	-	-	-	-	27	29	31
1994	January	1	27	-	1	3	3	-	-	-	-	-	-	-	4	12	27
1994	January	1.5	7	-	-	-	-	-	-	-	-	-	-	-	-	-	8
1994	February	> 0	28	28	28	28	28	28	16	8	18	28	9	8	28	28	28
1994	February	0.5	28	24	27	28	28	26	8	7	8	8	7	5	28	28	28
1994	February	1	28	8	8	13	13	8	7	5	7	7	5	4	15	26	28
1994	February	1.5	18	7	7	8	8	7	5	4	4	4	3	-	8	8	22
1994	February	2	8	5	5	7	7	5	4	-	4	-	-	-	7	7	8
1994	February	2.5	7	4	4	4	4	4	-	-	-	-	-	-	4	5	7
1994	February	3	4	-	-	4	4	-	-	-	-	-	-	-	4	4	4
1994	February	3.5	3	-	-	-	-	-	-	-	-	-	-	-	-	-	3
1994	March	> 0	31	31	31	31	31	31	31	31	31	31	31	22	31	31	31
1994	March	0.5	31	31	31	31	31	31	31	18	29	31	18	5	31	31	31

**Table C-1**  
**Total Number of Estimated Inundation Days Between 1985 and 2004**

Year	Month	Depth (feet)	A	B	C	D	E	F	G	H	I	J	K	L	SPMD1	SPMD2	SPMD3
1994	March	1	31	29	31	31	31	31	13	2	12	10	-	-	31	31	31
1994	March	1.5	31	14	18	24	24	15	-	-	-	-	-	-	26	31	31
1994	March	2	26	1	2	10	10	-	-	-	-	-	-	-	10	13	28
1994	March	2.5	10	-	-	-	-	-	-	-	-	-	-	-	-	-	11
1994	April	> 0	30	30	30	30	30	30	27	15	27	30	18	6	30	30	30
1994	April	0.5	30	30	30	30	30	30	13	5	12	13	5	-	30	30	30
1994	April	1	30	12	15	22	22	13	3	-	3	1	-	-	27	30	30
1994	April	1.5	27	3	5	8	8	3	-	-	-	-	-	-	9	13	28
1994	April	2	10	-	-	1	1	-	-	-	-	-	-	-	1	3	11
1994	April	2.5	1	-	-	-	-	-	-	-	-	-	-	-	-	-	2
1994	May	> 0	31	22	31	31	29	28	13	7	13	22	9	4	31	31	31
1994	May	0.5	31	15	19	20	20	18	7	2	7	7	2	-	22	30	31
1994	May	1	23	7	7	9	9	7	1	-	-	-	-	-	12	17	28
1994	May	1.5	13	1	2	4	4	1	-	-	-	-	-	-	5	7	14
1994	May	2	5	-	-	-	-	-	-	-	-	-	-	-	-	1	5
1994	June	> 0	30	14	26	26	19	17	7	7	7	14	7	6	26	26	30
1994	June	0.5	30	8	12	13	13	10	6	6	6	6	6	5	14	19	30
1994	June	1	14	6	7	7	7	6	6	3	6	6	2	-	7	10	16
1994	June	1.5	7	6	6	6	6	6	2	-	1	-	-	-	6	6	7
1994	June	2	6	3	3	6	6	2	-	-	-	-	-	-	6	6	6
1994	June	2.5	6	-	-	1	1	-	-	-	-	-	-	-	1	2	6
1994	June	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1
1994	July	> 0	31	30	31	31	31	30	13	9	16	26	11	4	31	31	31
1994	July	0.5	31	18	23	25	25	20	8	2	8	9	2	-	26	31	31
1994	July	1	30	8	9	12	12	9	1	-	1	1	-	-	13	20	30
1994	July	1.5	16	1	2	7	7	1	-	-	-	-	-	-	7	8	18
1994	July	2	7	-	-	1	1	-	-	-	-	-	-	-	1	1	7
1994	July	2.5	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1
1994	August	> 0	31	24	31	31	30	30	16	14	18	23	15	11	31	31	31
1994	August	0.5	31	18	22	23	23	21	13	10	12	14	10	7	23	30	31
1994	August	1	24	13	14	15	15	13	10	7	10	9	7	1	16	20	26
1994	August	1.5	18	10	10	11	11	10	7	2	7	3	-	-	12	13	18
1994	August	2	12	7	7	9	9	7	-	-	-	-	-	-	10	10	12
1994	August	2.5	9	1	1	6	6	-	-	-	-	-	-	-	7	7	10
1994	August	3	6	-	-	-	-	-	-	-	-	-	-	-	-	-	7
1994	September	> 0	30	10	29	29	26	21	-	-	-	4	-	-	29	29	30
1994	September	0.5	30	-	3	4	4	1	-	-	-	-	-	-	4	26	30
1994	September	1	12	-	-	-	-	-	-	-	-	-	-	-	-	-	15
1994	October	> 0	31	26	31	31	31	29	-	-	-	11	-	-	31	31	31
1994	October	0.5	31	-	5	8	8	2	-	-	-	-	-	-	11	31	31
1994	October	1	26	-	-	-	-	-	-	-	-	-	-	-	-	2	27
1994	November	> 0	30	30	30	30	30	30	22	18	25	30	19	10	30	30	30
1994	November	0.5	30	29	30	30	30	30	16	8	15	17	8	-	30	30	30
1994	November	1	30	15	18	21	21	16	7	-	7	6	-	-	22	29	30
1994	November	1.5	25	7	8	12	12	7	-	-	-	-	-	-	13	16	27
1994	November	2	13	-	-	6	6	-	-	-	-	-	-	-	6	7	13
1994	November	2.5	6	-	-	-	-	-	-	-	-	-	-	-	-	-	6
1994	December	> 0	31	31	31	31	31	31	31	27	31	31	30	7	31	31	31
1994	December	0.5	31	31	31	31	31	31	20	5	19	23	2	-	31	31	31
1994	December	1	31	19	27	30	30	22	2	-	1	-	-	-	31	31	31
1994	December	1.5	31	2	4	8	8	2	-	-	-	-	-	-	11	20	31
1994	December	2	13	-	-	-	-	-	-	-	-	-	-	-	-	2	15
1995	January	> 0	31	31	31	31	31	31	21	18	24	29	18	12	31	31	31
1995	January	0.5	31	27	29	29	29	28	16	6	16	17	6	-	29	31	31
1995	January	1	31	16	18	18	18	16	5	-	4	3	-	-	21	27	31

**Table C-1**  
**Total Number of Estimated Inundation Days Between 1985 and 2004**

Year	Month	Depth (feet)	A	B	C	D	E	F	G	H	I	J	K	L	SPMD1	SPMD2	SPMD3
1995	January	1.5	23	5	6	14	14	5	-	-	-	-	-	-	14	16	26
1995	January	2	15	-	-	2	2	-	-	-	-	-	-	-	3	5	15
1995	January	2.5	3	-	-	-	-	-	-	-	-	-	-	-	-	-	3
1995	February	> 0	28	26	28	28	28	28	7	-	13	25	1	-	28	28	28
1995	February	0.5	28	17	22	24	24	17	-	-	-	-	-	-	26	28	28
1995	February	1	26	-	-	4	4	-	-	-	-	-	-	-	6	17	27
1995	February	1.5	10	-	-	-	-	-	-	-	-	-	-	-	-	-	17
1995	March	> 0	31	31	31	31	31	31	28	17	31	31	23	13	31	31	31
1995	March	0.5	31	31	31	31	31	31	15	13	14	16	13	7	31	31	31
1995	March	1	31	15	17	24	24	16	12	5	10	9	4	-	27	31	31
1995	March	1.5	31	13	13	13	13	13	4	-	2	-	-	-	14	15	31
1995	March	2	14	4	5	8	8	4	-	-	-	-	-	-	9	12	14
1995	March	2.5	9	-	-	1	1	-	-	-	-	-	-	-	2	4	10
1995	March	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
1995	April	> 0	30	30	30	30	30	30	24	21	30	30	22	6	30	30	30
1995	April	0.5	30	30	30	30	30	30	16	5	15	18	5	-	30	30	30
1995	April	1	30	16	21	22	22	16	4	-	3	-	-	-	24	30	30
1995	April	1.5	28	4	5	7	7	4	-	-	-	-	-	-	9	16	30
1995	April	2	11	-	-	-	-	-	-	-	-	-	-	-	1	4	15
1995	April	2.5	1	-	-	-	-	-	-	-	-	-	-	-	-	-	2
1995	May	> 0	31	31	31	31	31	31	26	21	28	31	23	3	31	31	31
1995	May	0.5	31	29	31	31	31	29	16	2	14	18	2	-	31	31	31
1995	May	1	31	14	21	24	24	17	-	-	-	-	-	-	24	29	31
1995	May	1.5	27	1	2	4	4	1	-	-	-	-	-	-	5	16	29
1995	May	2	6	-	-	-	-	-	-	-	-	-	-	-	-	-	9
1995	June	> 0	30	21	26	26	25	23	4	1	5	20	3	-	26	30	30
1995	June	0.5	30	8	9	15	15	9	-	-	-	1	-	-	20	25	30
1995	June	1	21	-	1	3	3	-	-	-	-	-	-	-	3	8	22
1995	June	1.5	5	-	-	-	-	-	-	-	-	-	-	-	-	-	7
1995	July	> 0	31	17	25	25	24	21	1	-	1	11	-	-	25	27	31
1995	July	0.5	31	5	8	11	11	6	-	-	-	-	-	-	11	24	31
1995	July	1	17	-	-	-	-	-	-	-	-	-	-	-	1	6	20
1995	July	1.5	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1
1995	August	> 0	31	21	28	28	23	23	6	3	7	19	4	-	28	30	31
1995	August	0.5	31	10	15	18	18	13	2	-	2	2	-	-	19	23	31
1995	August	1	21	2	3	4	4	2	-	-	-	-	-	-	5	12	22
1995	August	1.5	7	-	-	1	1	-	-	-	-	-	-	-	1	2	8
1995	August	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1
1995	September	> 0	30	1	9	9	8	5	-	-	-	-	-	-	9	30	30
1995	September	0.5	30	-	-	-	-	-	-	-	-	-	-	-	-	9	30
1995	September	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	4
1995	October	> 0	31	5	19	19	10	9	-	-	-	5	-	-	19	31	31
1995	October	0.5	31	-	-	4	4	-	-	-	-	-	-	-	5	10	31
1995	October	1	5	-	-	-	-	-	-	-	-	-	-	-	-	-	8
1995	November	> 0	30	30	30	30	30	30	19	14	20	30	16	5	30	30	30
1995	November	0.5	30	20	24	30	30	20	7	4	7	10	4	1	30	30	30
1995	November	1	30	7	14	17	17	10	4	1	3	1	-	-	19	20	30
1995	November	1.5	19	4	4	6	6	4	-	-	-	-	-	-	6	7	20
1995	November	2	6	1	1	1	1	1	-	-	-	-	-	-	2	4	6
1995	November	2.5	1	-	-	-	-	-	-	-	-	-	-	-	-	-	2
1995	December	> 0	31	18	29	29	26	24	4	-	6	17	2	-	29	30	31
1995	December	0.5	31	8	12	14	14	11	-	-	-	-	-	-	17	27	31
1995	December	1	19	-	-	3	3	-	-	-	-	-	-	-	4	11	22
1995	December	1.5	6	-	-	-	-	-	-	-	-	-	-	-	-	-	6

**Table C-1**  
**Total Number of Estimated Inundation Days Between 1985 and 2004**

Year	Month	Depth (feet)	A	B	C	D	E	F	G	H	I	J	K	L	SPMD1	SPMD2	SPMD3
1996	January	> 0	31	13	31	31	20	17	8	4	9	12	6	-	31	31	31
1996	January	0.5	31	9	12	12	12	11	2	-	-	3	-	-	12	21	31
1996	January	1	15	-	4	8	8	2	-	-	-	-	-	-	8	11	16
1996	January	1.5	9	-	-	-	-	-	-	-	-	-	-	-	-	2	9
1996	February	> 0	29	16	28	28	28	27	2	1	2	13	2	-	28	29	29
1996	February	0.5	29	2	4	10	11	3	1	-	1	1	-	-	14	28	29
1996	February	1	17	1	1	2	2	1	-	-	-	-	-	-	2	2	21
1996	February	1.5	2	-	-	-	-	-	-	-	-	-	-	-	1	1	2
1996	February	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1
1996	March	> 0	31	30	31	31	31	31	6	5	9	30	6	5	31	31	31
1996	March	0.5	31	13	19	27	27	15	5	4	5	5	4	-	30	31	31
1996	March	1	31	5	5	6	6	5	1	-	1	-	-	-	6	13	31
1996	March	1.5	9	1	4	5	5	1	-	-	-	-	-	-	5	5	11
1996	March	2	5	-	-	-	-	-	-	-	-	-	-	-	-	1	5
1996	April	> 0	30	25	30	30	30	30	13	11	14	22	13	6	30	30	30
1996	April	0.5	30	14	16	20	20	15	10	4	8	10	4	-	23	30	30
1996	April	1	30	9	11	13	13	10	1	-	-	-	-	-	13	15	30
1996	April	1.5	14	2	4	6	6	3	-	-	-	-	-	-	6	10	14
1996	April	2	6	-	-	-	-	-	-	-	-	-	-	-	-	1	8
1996	May	> 0	31	31	31	31	31	31	21	16	25	31	17	3	31	31	31
1996	May	0.5	31	27	30	31	31	28	12	-	9	15	-	-	31	31	31
1996	May	1	31	9	16	19	19	14	-	-	-	-	-	-	20	28	31
1996	May	1.5	25	-	-	5	5	-	-	-	-	-	-	-	6	12	27
1996	May	2	6	-	-	-	-	-	-	-	-	-	-	-	-	-	6
1996	June	> 0	30	30	30	30	30	30	15	12	15	30	14	6	30	30	30
1996	June	0.5	30	17	21	28	28	19	8	6	7	9	6	-	30	30	30
1996	June	1	30	7	12	15	15	9	4	-	2	1	-	-	15	18	30
1996	June	1.5	15	5	6	6	6	6	-	-	-	-	-	-	7	8	15
1996	June	2	7	-	-	1	1	-	-	-	-	-	-	-	1	4	7
1996	June	2.5	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1
1996	July	> 0	31	4	11	11	7	4	-	-	-	2	-	-	11	11	31
1996	July	0.5	31	-	-	1	1	-	-	-	-	-	-	-	3	8	31
1996	July	1	4	-	-	-	-	-	-	-	-	-	-	-	-	-	4
1996	August	> 0	31	-	-	-	-	-	-	-	-	-	-	-	-	-	31
1996	August	0.5	28	-	-	-	-	-	-	-	-	-	-	-	-	-	29
1996	September	> 0	29	-	4	4	-	-	-	-	-	-	-	-	4	5	29
1996	September	0.5	20	-	-	-	-	-	-	-	-	-	-	-	-	3	22
1996	October	> 0	31	1	15	15	8	8	-	-	-	1	-	-	15	16	31
1996	October	0.5	31	-	-	-	-	-	-	-	-	-	-	-	1	11	31
1996	October	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	5
1996	November	> 0	30	20	30	30	27	25	1	-	3	15	-	-	30	30	30
1996	November	0.5	30	3	6	12	12	4	-	-	-	-	-	-	15	27	30
1996	November	1	21	-	-	1	1	-	-	-	-	-	-	-	1	4	24
1996	November	1.5	3	-	-	-	-	-	-	-	-	-	-	-	-	-	3
1996	December	> 0	31	28	30	30	30	30	7	5	7	28	6	-	30	30	31
1996	December	0.5	31	7	15	23	24	14	3	-	3	4	-	-	28	30	31
1996	December	1	29	3	5	6	6	3	-	-	-	-	-	-	7	13	30
1996	December	1.5	7	-	-	2	2	-	-	-	-	-	-	-	2	3	7
1996	December	2	3	-	-	-	-	-	-	-	-	-	-	-	-	-	3
1997	January	> 0	31	26	31	31	30	29	16	9	16	24	9	-	31	31	31
1997	January	0.5	31	16	18	22	22	17	2	-	1	5	-	-	24	30	31
1997	January	1	29	1	9	12	12	3	-	-	-	-	-	-	15	17	29
1997	January	1.5	16	-	-	-	-	-	-	-	-	-	-	-	-	2	16
1997	February	> 0	28	28	28	28	28	28	17	8	18	28	13	8	28	28	28

**Table C-1**  
**Total Number of Estimated Inundation Days Between 1985 and 2004**

Year	Month	Depth (feet)	A	B	C	D	E	F	G	H	I	J	K	L	SPMD1	SPMD2	SPMD3
1997	February	0.5	28	19	24	28	28	22	8	8	8	8	8	8	28	28	28
1997	February	1	28	8	8	15	15	8	8	7	8	8	7	6	15	22	28
1997	February	1.5	18	8	8	8	8	8	7	6	7	7	5	2	8	8	19
1997	February	2	8	7	7	8	8	7	6	3	5	2	-	-	8	8	8
1997	February	2.5	8	6	6	7	7	6	2	-	2	-	-	-	7	7	8
1997	February	3	7	3	3	5	5	2	-	-	-	-	-	-	6	6	7
1997	February	3.5	5	-	-	2	2	-	-	-	-	-	-	-	2	2	5
1997	February	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	2
1997	March	> 0	31	31	31	31	31	31	31	31	31	31	31	21	31	31	31
1997	March	0.5	31	31	31	31	31	31	31	15	30	31	15	9	31	31	31
1997	March	1	31	30	31	31	31	31	11	8	11	10	7	5	31	31	31
1997	March	1.5	31	11	15	25	25	12	7	5	6	5	4	-	28	31	31
1997	March	2	28	7	8	10	10	7	4	-	4	-	-	-	11	11	29
1997	March	2.5	10	5	5	6	6	4	-	-	-	-	-	-	6	7	11
1997	March	3	6	-	-	4	4	-	-	-	-	-	-	-	4	4	6
1997	March	3.5	4	-	-	-	-	-	-	-	-	-	-	-	-	-	4
1997	April	> 0	30	30	30	30	30	30	27	19	30	30	22	11	30	30	30
1997	April	0.5	30	30	30	30	30	30	18	10	17	19	10	5	30	30	30
1997	April	1	30	17	19	25	25	19	8	5	7	7	3	-	26	30	30
1997	April	1.5	30	8	10	13	13	9	3	1	3	1	-	-	14	18	30
1997	April	2	16	4	5	7	7	4	-	-	-	-	-	-	7	8	16
1997	April	2.5	7	-	-	3	3	-	-	-	-	-	-	-	3	3	7
1997	April	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	3
1997	May	> 0	31	31	31	31	31	31	27	17	31	31	23	1	31	31	31
1997	May	0.5	31	31	31	31	31	31	13	-	11	15	-	-	31	31	31
1997	May	1	31	12	17	26	26	13	-	-	-	-	-	-	27	31	31
1997	May	1.5	31	-	-	4	4	-	-	-	-	-	-	-	5	13	31
1997	May	2	6	-	-	-	-	-	-	-	-	-	-	-	-	-	8
1997	June	> 0	30	30	30	30	30	30	18	9	19	26	11	6	30	30	30
1997	June	0.5	30	19	23	24	24	22	6	6	6	7	5	-	26	30	30
1997	June	1	30	6	9	16	16	7	4	-	3	-	-	-	18	20	30
1997	June	1.5	19	4	5	6	6	4	-	-	-	-	-	-	6	6	19
1997	June	2	6	-	-	-	-	-	-	-	-	-	-	-	2	4	6
1997	June	2.5	2	-	-	-	-	-	-	-	-	-	-	-	-	-	2
1997	July	> 0	31	12	25	25	21	19	-	-	2	9	-	-	25	27	31
1997	July	0.5	31	2	5	7	7	4	-	-	-	-	-	-	10	25	31
1997	July	1	14	-	-	-	-	-	-	-	-	-	-	-	-	4	16
1997	July	1.5	2	-	-	-	-	-	-	-	-	-	-	-	-	-	2
1997	August	> 0	31	11	20	20	19	14	-	-	-	8	-	-	20	23	31
1997	August	0.5	30	-	-	1	2	-	-	-	-	-	-	-	9	20	31
1997	August	1	13	-	-	-	-	-	-	-	-	-	-	-	-	-	14
1997	September	> 0	30	21	24	24	23	23	11	9	13	21	10	3	24	26	30
1997	September	0.5	30	14	18	21	21	15	7	-	7	8	-	-	21	23	30
1997	September	1	21	7	9	10	10	7	-	-	-	-	-	-	10	15	21
1997	September	1.5	12	-	-	5	5	-	-	-	-	-	-	-	5	7	14
1997	September	2	5	-	-	-	-	-	-	-	-	-	-	-	-	-	6
1997	October	> 0	31	19	30	30	28	25	-	-	-	14	-	-	30	31	31
1997	October	0.5	31	-	4	9	9	3	-	-	-	-	-	-	14	29	31
1997	October	1	23	-	-	-	-	-	-	-	-	-	-	-	-	2	24
1997	November	> 0	30	30	30	30	30	30	7	-	9	27	-	-	30	30	30
1997	November	0.5	30	10	15	23	24	11	-	-	-	-	-	-	27	30	30
1997	November	1	30	-	-	3	3	-	-	-	-	-	-	-	6	10	30
1997	November	1.5	9	-	-	-	-	-	-	-	-	-	-	-	-	-	9
1997	December	> 0	31	31	31	31	31	31	5	-	6	31	1	-	31	31	31
1997	December	0.5	31	7	17	30	30	7	-	-	-	-	-	-	31	31	31

**Table C-1**  
**Total Number of Estimated Inundation Days Between 1985 and 2004**

Year	Month	Depth (feet)	A	B	C	D	E	F	G	H	I	J	K	L	SPMD1	SPMD2	SPMD3
1997	December	1	31	-	-	2	2	-	-	-	-	-	-	-	4	7	31
1997	December	1.5	6	-	-	-	-	-	-	-	-	-	-	-	-	-	7
1998	January	> 0	31	31	31	31	31	31	28	21	28	31	23	12	31	31	31
1998	January	0.5	31	28	31	31	31	29	16	12	15	18	12	9	31	31	31
1998	January	1	31	15	21	28	28	17	11	8	11	10	7	5	28	29	31
1998	January	1.5	28	11	12	13	13	12	7	5	7	5	4	1	13	16	28
1998	January	2	13	8	8	10	10	7	4	3	4	1	-	-	10	11	14
1998	January	2.5	10	5	5	7	7	4	1	-	1	-	-	-	7	7	11
1998	January	3	7	3	3	4	4	2	-	-	-	-	-	-	4	4	7
1998	January	3.5	4	-	-	1	1	-	-	-	-	-	-	-	1	1	4
1998	January	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1
1998	February	> 0	28	28	28	28	28	28	27	24	28	28	24	16	28	28	28
1998	February	0.5	28	28	28	28	28	28	21	14	17	23	13	8	28	28	28
1998	February	1	28	19	24	26	26	23	12	7	9	9	6	3	26	28	28
1998	February	1.5	28	12	13	16	16	13	6	3	5	3	1	-	16	21	28
1998	February	2	16	7	7	9	9	6	2	-	2	-	-	-	9	12	17
1998	February	2.5	9	3	3	5	5	2	-	-	-	-	-	-	5	6	9
1998	February	3	5	-	-	2	2	-	-	-	-	-	-	-	2	2	5
1998	February	3.5	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1
1998	March	> 0	31	31	31	31	31	31	31	31	31	31	31	26	31	31	31
1998	March	0.5	31	31	31	31	31	31	31	25	31	31	24	19	31	31	31
1998	March	1	31	31	31	31	31	31	22	15	22	22	14	8	31	31	31
1998	March	1.5	31	22	25	27	27	22	14	8	12	8	4	-	28	31	31
1998	March	2	29	14	15	22	22	14	5	-	4	-	-	-	22	22	30
1998	March	2.5	22	8	8	11	11	6	-	-	-	-	-	-	12	14	22
1998	March	3	11	-	-	4	4	-	-	-	-	-	-	-	5	5	11
1998	March	3.5	4	-	-	-	-	-	-	-	-	-	-	-	-	-	4
1998	April	> 0	30	30	30	30	30	30	30	30	30	30	30	25	30	30	30
1998	April	0.5	30	30	30	30	30	30	30	25	30	30	25	17	30	30	30
1998	April	1	30	30	30	30	30	30	24	17	21	21	13	3	30	30	30
1998	April	1.5	30	24	25	27	27	25	13	3	10	4	1	-	28	30	30
1998	April	2	29	14	17	21	21	14	2	-	1	-	-	-	21	24	30
1998	April	2.5	21	3	3	7	7	3	-	-	-	-	-	-	10	13	21
1998	April	3	6	-	-	1	1	-	-	-	-	-	-	-	2	2	8
1998	April	3.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
1998	May	> 0	31	31	31	31	31	31	18	15	18	31	16	12	31	31	31
1998	May	0.5	31	18	22	29	29	19	13	11	13	15	10	9	31	31	31
1998	May	1	31	13	15	16	16	15	9	9	9	9	8	-	17	19	31
1998	May	1.5	18	9	10	12	12	9	8	-	8	-	-	-	12	13	18
1998	May	2	12	8	9	9	9	8	-	-	-	-	-	-	9	9	13
1998	May	2.5	9	-	-	8	8	-	-	-	-	-	-	-	8	8	9
1998	May	3	5	-	-	-	-	-	-	-	-	-	-	-	-	-	8
1998	June	> 0	30	30	30	30	30	30	3	2	4	26	2	-	30	30	30
1998	June	0.5	30	4	9	20	20	7	1	-	-	1	-	-	26	30	30
1998	June	1	30	-	2	2	2	1	-	-	-	-	-	-	3	6	30
1998	June	1.5	4	-	-	-	-	-	-	-	-	-	-	-	-	1	4
1998	July	> 0	31	28	31	31	30	30	5	3	6	24	4	2	31	31	31
1998	July	0.5	31	6	12	18	18	8	2	2	2	2	2	-	24	30	31
1998	July	1	29	2	3	5	5	2	1	-	-	-	-	-	5	8	30
1998	July	1.5	5	1	2	2	2	1	-	-	-	-	-	-	2	2	6
1998	July	2	2	-	-	-	-	-	-	-	-	-	-	-	-	1	2
1998	August	> 0	31	14	28	28	24	22	-	-	-	8	-	-	28	28	31
1998	August	0.5	31	-	-	6	6	-	-	-	-	-	-	-	8	25	31
1998	August	1	14	-	-	-	-	-	-	-	-	-	-	-	-	-	19
1998	September	> 0	30	-	18	18	5	4	-	-	-	-	-	-	18	19	30

**Table C-1**  
**Total Number of Estimated Inundation Days Between 1985 and 2004**

Year	Month	Depth (feet)	A	B	C	D	E	F	G	H	I	J	K	L	SPMD1	SPMD2	SPMD3
1998	September	0.5	30	-	-	-	-	-	-	-	-	-	-	-	-	6	30
1998	September	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
1998	October	> 0	31	7	27	27	19	15	-	-	-	3	-	-	27	27	31
1998	October	0.5	31	1	2	3	3	2	-	-	-	-	-	-	3	20	31
1998	October	1	7	-	-	-	-	-	-	-	-	-	-	-	-	2	10
1998	November	> 0	30	12	29	29	26	25	1	-	1	9	-	-	29	30	30
1998	November	0.5	30	1	4	8	8	3	-	-	-	-	-	-	9	26	30
1998	November	1	13	-	-	-	-	-	-	-	-	-	-	-	-	2	19
1998	November	1.5	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1
1998	December	> 0	31	11	30	30	25	23	-	-	2	8	-	-	30	30	31
1998	December	0.5	31	2	5	7	7	5	-	-	-	-	-	-	8	26	31
1998	December	1	14	-	-	-	-	-	-	-	-	-	-	-	-	3	20
1998	December	1.5	1	-	-	-	-	-	-	-	-	-	-	-	-	-	2
1999	January	> 0	31	15	26	26	21	18	9	9	9	14	9	8	26	26	31
1999	January	0.5	30	9	13	13	13	10	9	8	9	9	8	8	15	22	30
1999	January	1	16	9	9	9	9	9	8	8	8	8	7	4	9	10	18
1999	January	1.5	9	8	8	9	9	8	7	4	6	4	2	-	9	9	9
1999	January	2	9	7	8	8	8	7	2	-	2	-	-	-	8	8	9
1999	January	2.5	8	4	4	5	5	3	-	-	-	-	-	-	6	7	8
1999	January	3	5	-	-	2	2	-	-	-	-	-	-	-	2	2	5
1999	January	3.5	2	-	-	-	-	-	-	-	-	-	-	-	-	-	2
1999	February	> 0	28	28	28	28	28	28	19	13	20	26	13	5	28	28	28
1999	February	0.5	28	22	25	26	26	22	9	3	8	11	3	1	26	28	28
1999	February	1	28	8	13	15	15	11	1	-	1	1	-	-	19	22	28
1999	February	1.5	20	2	3	6	6	2	-	-	-	-	-	-	6	9	21
1999	February	2	6	-	-	1	1	-	-	-	-	-	-	-	1	1	7
1999	February	2.5	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1
1999	March	> 0	31	31	31	31	31	31	7	4	13	28	4	-	31	31	31
1999	March	0.5	31	17	28	28	28	23	1	-	1	3	-	-	28	31	31
1999	March	1	31	1	4	6	6	3	-	-	-	-	-	-	6	20	31
1999	March	1.5	13	-	-	-	-	-	-	-	-	-	-	-	-	1	16
1999	April	> 0	30	28	30	30	30	29	25	19	26	28	22	12	30	30	30
1999	April	0.5	30	26	28	28	28	27	16	8	15	16	8	8	28	30	30
1999	April	1	28	15	19	22	22	16	8	8	8	8	8	6	25	27	29
1999	April	1.5	26	8	8	13	13	8	8	6	8	6	5	3	14	16	26
1999	April	2	14	8	8	8	8	8	5	3	5	3	1	-	8	8	14
1999	April	2.5	8	6	6	8	8	5	3	-	2	-	-	-	8	8	8
1999	April	3	8	3	3	5	5	3	-	-	-	-	-	-	5	5	8
1999	April	3.5	5	1	-	2	2	-	-	-	-	-	-	-	3	3	5
1999	April	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-	2
1999	May	> 0	31	30	31	31	30	30	8	4	10	26	5	2	31	31	31
1999	May	0.5	31	14	23	25	25	16	4	1	3	4	1	-	26	30	31
1999	May	1	30	3	4	5	5	4	1	-	1	1	-	-	8	14	30
1999	May	1.5	10	1	1	2	2	1	-	-	-	-	-	-	2	4	10
1999	May	2	3	-	-	1	1	-	-	-	-	-	-	-	1	1	3
1999	May	2.5	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1
1999	June	> 0	30	9	21	21	20	16	-	-	1	5	-	-	21	21	30
1999	June	0.5	30	1	3	4	4	2	-	-	-	-	-	-	5	20	30
1999	June	1	10	-	-	-	-	-	-	-	-	-	-	-	-	2	13
1999	June	1.5	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1
1999	July	> 0	31	14	22	22	19	19	7	4	7	12	4	-	22	24	31
1999	July	0.5	30	8	10	11	11	10	2	-	2	3	-	-	12	19	30
1999	July	1	14	2	4	5	5	3	-	-	-	-	-	-	6	9	15
1999	July	1.5	7	-	-	1	1	-	-	-	-	-	-	-	2	2	8
1999	July	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	2

**Table C-1**  
**Total Number of Estimated Inundation Days Between 1985 and 2004**

Year	Month	Depth (feet)	A	B	C	D	E	F	G	H	I	J	K	L	SPMD1	SPMD2	SPMD3
1999	August	> 0	31	-	1	1	1	1	-	-	-	-	-	-	1	5	31
1999	August	0.5	29	-	-	-	-	-	-	-	-	-	-	-	-	1	29
1999	August	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
1999	September	> 0	25	-	1	1	-	-	-	-	-	-	-	-	1	1	25
1999	September	0.5	13	-	-	-	-	-	-	-	-	-	-	-	-	-	15
1999	October	> 0	31	-	-	-	-	-	-	-	-	-	-	-	-	1	31
1999	October	0.5	31	-	-	-	-	-	-	-	-	-	-	-	-	-	31
1999	November	> 0	30	-	6	6	2	1	-	-	-	-	-	-	6	7	30
1999	November	0.5	30	-	-	-	-	-	-	-	-	-	-	-	-	3	30
1999	November	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
1999	December	> 0	31	8	23	23	18	13	-	-	-	4	-	-	23	23	31
1999	December	0.5	30	-	2	3	3	-	-	-	-	-	-	-	4	18	30
1999	December	1	10	-	-	-	-	-	-	-	-	-	-	-	-	-	11
2000	January	> 0	31	1	17	17	9	7	-	-	-	1	-	-	17	19	31
2000	January	0.5	31	-	-	1	1	-	-	-	-	-	-	-	1	10	31
2000	January	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	4
2000	February	> 0	29	6	7	7	7	7	3	-	3	5	2	-	7	9	29
2000	February	0.5	29	4	5	5	5	5	-	-	-	-	-	-	5	7	29
2000	February	1	6	-	-	2	2	-	-	-	-	-	-	-	3	4	6
2000	February	1.5	3	-	-	-	-	-	-	-	-	-	-	-	-	-	4
2000	March	> 0	31	15	30	30	26	20	2	-	2	8	-	-	30	31	31
2000	March	0.5	31	3	6	8	8	4	-	-	-	-	-	-	8	27	31
2000	March	1	18	-	-	-	-	-	-	-	-	-	-	-	1	4	18
2000	March	1.5	2	-	-	-	-	-	-	-	-	-	-	-	-	-	3
2000	April	> 0	30	14	25	25	24	19	9	8	10	13	9	7	25	27	30
2000	April	0.5	30	10	11	12	12	10	7	6	7	8	5	1	13	24	30
2000	April	1	15	7	8	9	9	8	5	1	5	3	-	-	9	10	16
2000	April	1.5	10	5	6	7	7	5	-	-	-	-	-	-	7	7	10
2000	April	2	7	-	-	3	3	-	-	-	-	-	-	-	4	5	7
2000	April	2.5	3	-	-	-	-	-	-	-	-	-	-	-	-	-	4
2000	May	> 0	31	30	31	31	31	30	22	16	22	29	18	12	31	31	31
2000	May	0.5	31	25	26	29	29	26	13	11	13	14	10	8	29	31	31
2000	May	1	30	13	16	18	18	13	10	7	10	9	4	-	19	26	30
2000	May	1.5	22	10	10	13	13	10	4	-	4	-	-	-	13	13	23
2000	May	2	13	5	6	9	9	4	-	-	-	-	-	-	9	10	13
2000	May	2.5	9	-	-	1	1	-	-	-	-	-	-	-	4	4	9
2000	May	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	3
2000	June	> 0	30	29	30	30	30	30	17	10	19	29	14	3	30	30	30
2000	June	0.5	30	20	28	29	29	25	8	3	7	8	3	2	29	30	30
2000	June	1	30	8	10	15	15	8	3	2	3	2	-	-	17	23	30
2000	June	1.5	18	3	3	4	4	3	-	-	-	-	-	-	4	8	20
2000	June	2	6	1	2	2	2	1	-	-	-	-	-	-	2	3	6
2000	June	2.5	2	-	-	-	-	-	-	-	-	-	-	-	-	-	3
2000	July	> 0	31	16	25	25	22	19	1	-	1	15	-	-	25	25	31
2000	July	0.5	31	5	13	14	14	10	-	-	-	-	-	-	15	23	31
2000	July	1	17	-	-	-	-	-	-	-	-	-	-	-	-	10	18
2000	July	1.5	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1
2000	August	> 0	31	14	27	27	22	18	-	-	1	8	-	-	27	27	31
2000	August	0.5	31	2	7	8	8	5	-	-	-	-	-	-	8	23	31
2000	August	1	14	-	-	-	-	-	-	-	-	-	-	-	-	3	15
2000	August	1.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
2000	September	> 0	30	13	23	23	20	18	-	-	-	9	-	-	23	23	30
2000	September	0.5	30	1	8	9	9	6	-	-	-	-	-	-	9	20	30
2000	September	1	13	-	-	-	-	-	-	-	-	-	-	-	-	4	15

**Table C-1**  
**Total Number of Estimated Inundation Days Between 1985 and 2004**

Year	Month	Depth (feet)	A	B	C	D	E	F	G	H	I	J	K	L	SPMD1	SPMD2	SPMD3
2000	September	1.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
2000	October	> 0	31	23	31	31	28	26	4	-	5	21	3	-	31	31	31
2000	October	0.5	31	5	9	16	16	9	-	-	-	-	-	-	21	29	31
2000	October	1	23	-	-	3	3	-	-	-	-	-	-	-	4	9	24
2000	October	1.5	4	-	-	-	-	-	-	-	-	-	-	-	-	-	5
2000	November	> 0	30	25	30	30	29	29	17	12	20	23	15	4	30	30	30
2000	November	0.5	30	20	21	21	21	21	7	3	5	7	1	-	23	30	30
2000	November	1	26	6	12	15	15	7	-	-	-	-	-	-	17	20	27
2000	November	1.5	19	-	1	4	4	-	-	-	-	-	-	-	4	7	20
2000	November	2	5	-	-	-	-	-	-	-	-	-	-	-	-	-	5
2000	December	> 0	31	31	31	31	31	31	14	4	17	30	6	1	31	31	31
2000	December	0.5	31	19	28	29	29	26	3	-	3	3	-	-	30	31	31
2000	December	1	31	3	4	8	8	3	-	-	-	-	-	-	13	25	31
2000	December	1.5	15	-	-	1	1	-	-	-	-	-	-	-	2	3	19
2000	December	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	2
2001	January	> 0	31	31	31	31	31	31	3	1	7	31	2	-	31	31	31
2001	January	0.5	31	13	28	28	28	18	-	-	-	-	-	-	31	31	31
2001	January	1	31	-	1	3	3	-	-	-	-	-	-	-	3	16	31
2001	January	1.5	7	-	-	-	-	-	-	-	-	-	-	-	-	-	9
2001	February	> 0	28	28	28	28	28	28	28	28	28	28	28	20	28	28	28
2001	February	0.5	28	28	28	28	28	28	25	20	22	28	19	17	28	28	28
2001	February	1	28	22	28	28	28	26	18	16	18	18	16	14	28	28	28
2001	February	1.5	28	18	19	20	20	18	16	14	16	14	13	9	20	23	28
2001	February	2	20	16	16	18	18	16	14	11	13	9	5	4	18	18	21
2001	February	2.5	18	14	14	16	16	14	10	4	8	4	4	1	16	16	18
2001	February	3	16	11	11	13	13	10	4	3	4	1	1	-	13	14	16
2001	February	3.5	13	5	4	9	9	4	2	1	1	-	-	-	10	10	13
2001	February	4	8	4	3	4	4	3	-	-	-	-	-	-	4	4	8
2001	February	4.5	4	1	1	3	3	-	-	-	-	-	-	-	3	2	4
2001	February	5	1	-	-	1	1	-	-	-	-	-	-	-	1	-	1
2001	March	> 0	31	31	31	31	31	31	31	27	31	31	31	20	31	31	31
2001	March	0.5	31	31	31	31	31	31	25	19	24	27	18	7	31	31	31
2001	March	1	31	24	27	31	31	25	17	7	10	9	6	4	31	31	31
2001	March	1.5	31	17	19	21	21	18	6	5	6	5	4	2	23	25	31
2001	March	2	23	7	7	8	8	6	4	3	4	2	2	-	10	17	24
2001	March	2.5	9	4	5	6	6	4	3	-	2	-	-	-	6	6	10
2001	March	3	6	3	3	4	4	3	-	-	-	-	-	-	4	4	6
2001	March	3.5	4	1	-	2	2	-	-	-	-	-	-	-	3	2	4
2001	March	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-	2
2001	April	> 0	30	30	30	30	30	30	30	20	30	30	30	7	30	30	30
2001	April	0.5	30	30	30	30	30	30	13	7	12	14	7	1	30	30	30
2001	April	1	30	12	20	30	30	13	5	-	5	3	-	-	30	30	30
2001	April	1.5	30	5	7	8	8	6	-	-	-	-	-	-	10	13	30
2001	April	2	10	-	-	3	3	-	-	-	-	-	-	-	4	5	11
2001	April	2.5	4	-	-	-	-	-	-	-	-	-	-	-	-	-	4
2001	May	> 0	31	31	31	31	31	31	22	18	24	31	19	17	31	31	31
2001	May	0.5	31	26	31	31	31	29	17	17	17	17	17	16	31	31	31
2001	May	1	31	17	18	20	20	17	17	16	16	16	16	8	21	28	31
2001	May	1.5	24	17	17	17	17	17	16	9	16	11	6	4	17	17	25
2001	May	2	17	16	16	16	16	16	7	5	7	4	3	1	16	17	17
2001	May	2.5	16	8	8	15	15	7	4	2	3	1	-	-	16	16	16
2001	May	3	14	5	5	7	7	4	2	-	1	-	-	-	7	7	16
2001	May	3.5	6	3	2	3	3	2	-	-	-	-	-	-	4	4	6
2001	May	4	3	1	-	2	2	-	-	-	-	-	-	-	2	2	3
2001	May	4.5	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1

**Table C-1**  
**Total Number of Estimated Inundation Days Between 1985 and 2004**

Year	Month	Depth (feet)	A	B	C	D	E	F	G	H	I	J	K	L	SPMD1	SPMD2	SPMD3
2001	June	> 0	30	30	30	30	30	30	29	26	30	30	27	14	30	30	30
2001	June	0.5	30	30	30	30	30	30	23	11	22	24	11	7	30	30	30
2001	June	1	30	22	26	28	28	24	10	4	8	7	3	-	28	30	30
2001	June	1.5	29	10	11	15	15	10	3	-	3	-	-	-	15	23	30
2001	June	2	16	3	3	7	7	3	-	-	-	-	-	-	8	10	18
2001	June	2.5	7	-	-	1	1	-	-	-	-	-	-	-	3	3	8
2001	June	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	2
2001	July	> 0	31	16	30	30	23	22	-	-	1	14	-	-	30	31	31
2001	July	0.5	31	2	6	10	10	5	-	-	-	-	-	-	14	24	31
2001	July	1	18	-	-	-	-	-	-	-	-	-	-	-	-	5	20
2001	July	1.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
2001	August	> 0	31	14	24	24	19	16	8	4	8	13	7	2	24	31	31
2001	August	0.5	31	8	11	12	12	10	3	2	2	4	2	1	13	21	31
2001	August	1	16	3	4	8	8	3	1	1	1	1	1	-	8	9	16
2001	August	1.5	8	1	2	2	2	1	1	-	-	-	-	-	2	3	8
2001	August	2	2	1	1	1	1	1	-	-	-	-	-	-	1	1	2
2001	August	2.5	1	-	-	-	-	-	-	-	-	-	-	-	-	1	1
2001	September	> 0	30	23	30	30	29	26	9	5	10	22	6	-	30	30	30
2001	September	0.5	30	11	14	18	18	12	4	-	2	4	-	-	22	30	30
2001	September	1	24	2	5	7	7	4	-	-	-	-	-	-	7	12	24
2001	September	1.5	10	-	-	2	2	-	-	-	-	-	-	-	2	4	10
2001	September	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	2
2001	October	> 0	31	30	31	31	31	31	27	24	27	30	27	20	31	31	31
2001	October	0.5	31	27	28	30	30	28	21	19	20	22	19	18	30	31	31
2001	October	1	31	21	24	27	27	21	19	17	18	18	16	6	27	27	31
2001	October	1.5	27	19	19	20	20	19	16	6	15	7	3	1	20	21	27
2001	October	2	20	17	17	18	18	16	4	1	4	1	-	-	18	19	20
2001	October	2.5	18	6	6	15	15	5	1	-	1	-	-	-	15	16	18
2001	October	3	14	1	1	4	4	1	-	-	-	-	-	-	4	4	15
2001	October	3.5	3	-	-	1	1	-	-	-	-	-	-	-	1	1	4
2001	October	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
2001	November	> 0	30	30	30	30	30	30	30	22	30	30	30	10	30	30	30
2001	November	0.5	30	30	30	30	30	30	19	9	14	21	9	2	30	30	30
2001	November	1	30	16	22	30	30	20	7	2	7	5	-	-	30	30	30
2001	November	1.5	30	7	9	12	12	7	-	-	-	-	-	-	12	18	30
2001	November	2	12	-	1	4	4	-	-	-	-	-	-	-	5	7	12
2001	November	2.5	5	-	-	-	-	-	-	-	-	-	-	-	-	-	6
2001	December	> 0	31	31	31	31	31	31	31	29	31	31	31	14	31	31	31
2001	December	0.5	31	31	31	31	31	31	23	10	21	26	9	-	31	31	31
2001	December	1	31	21	29	31	31	23	5	-	2	-	-	-	31	31	31
2001	December	1.5	31	6	10	16	16	6	-	-	-	-	-	-	18	23	31
2001	December	2	18	-	-	-	-	-	-	-	-	-	-	-	1	5	19
2001	December	2.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
2002	January	> 0	31	31	31	31	31	31	31	26	31	31	30	3	31	31	31
2002	January	0.5	31	31	31	31	31	31	18	-	16	21	-	-	31	31	31
2002	January	1	31	16	26	31	31	18	-	-	-	-	-	-	31	31	31
2002	January	1.5	31	-	-	4	4	-	-	-	-	-	-	-	7	16	31
2002	January	2	7	-	-	-	-	-	-	-	-	-	-	-	-	-	11
2002	February	> 0	28	28	28	28	28	28	28	28	28	28	28	12	28	28	28
2002	February	0.5	28	28	28	28	28	28	26	9	25	28	9	7	28	28	28
2002	February	1	28	25	28	28	28	26	9	6	9	8	2	-	28	28	28
2002	February	1.5	28	9	9	19	19	9	2	-	2	-	-	-	22	26	28
2002	February	2	23	3	3	8	8	2	-	-	-	-	-	-	9	9	24
2002	February	2.5	9	-	-	1	1	-	-	-	-	-	-	-	2	2	9
2002	February	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	2

**Table C-1**  
**Total Number of Estimated Inundation Days Between 1985 and 2004**

Year	Month	Depth (feet)	A	B	C	D	E	F	G	H	I	J	K	L	SPMD1	SPMD2	SPMD3
2002	March	> 0	31	31	31	31	31	31	31	31	31	31	31	23	31	31	31
2002	March	0.5	31	31	31	31	31	31	31	22	31	31	21	13	31	31	31
2002	March	1	31	31	31	31	31	31	20	11	18	18	10	7	31	31	31
2002	March	1.5	31	21	21	25	25	21	10	7	9	8	7	3	26	31	31
2002	March	2	26	11	11	18	18	10	7	4	7	3	2	1	18	20	29
2002	March	2.5	18	7	7	9	9	7	3	2	3	1	-	-	9	10	18
2002	March	3	9	5	4	7	7	3	1	-	1	-	-	-	7	7	9
2002	March	3.5	7	2	2	3	3	2	-	-	-	-	-	-	3	3	7
2002	March	4	3	-	-	1	1	-	-	-	-	-	-	-	2	1	3
2002	March	4.5	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1
2002	April	> 0	30	30	30	30	30	30	30	30	30	30	30	19	30	30	30
2002	April	0.5	30	30	30	30	30	30	25	13	25	27	12	8	30	30	30
2002	April	1	30	25	30	30	30	26	9	7	9	9	6	-	30	30	30
2002	April	1.5	30	10	13	21	21	10	6	-	4	-	-	-	22	25	30
2002	April	2	23	6	7	9	9	6	-	-	-	-	-	-	9	9	24
2002	April	2.5	9	-	-	4	4	-	-	-	-	-	-	-	4	6	9
2002	April	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	4
2002	May	> 0	31	31	31	31	31	31	31	30	31	31	31	18	31	31	31
2002	May	0.5	31	31	31	31	31	31	30	17	27	30	17	10	31	31	31
2002	May	1	31	28	30	31	31	30	13	10	12	11	9	3	31	31	31
2002	May	1.5	31	13	17	22	22	13	9	3	9	5	2	-	24	28	31
2002	May	2	25	9	10	11	11	9	3	1	3	-	-	-	11	13	26
2002	May	2.5	11	3	3	9	9	3	-	-	-	-	-	-	9	9	11
2002	May	3	7	1	1	2	2	-	-	-	-	-	-	-	3	3	9
2002	May	3.5	2	-	-	-	-	-	-	-	-	-	-	-	-	-	2
2002	June	> 0	30	27	30	30	30	30	12	7	12	26	10	-	30	30	30
2002	June	0.5	30	14	20	25	25	19	4	-	1	4	-	-	26	30	30
2002	June	1	30	3	7	10	10	4	-	-	-	-	-	-	12	18	30
2002	June	1.5	12	-	-	-	-	-	-	-	-	-	-	-	-	4	12
2002	July	> 0	31	7	16	16	11	9	-	-	-	4	-	-	16	28	31
2002	July	0.5	31	1	2	4	4	2	-	-	-	-	-	-	5	11	31
2002	July	1	8	-	-	-	-	-	-	-	-	-	-	-	-	2	9
2002	August	> 0	31	18	31	31	26	23	4	1	4	13	1	-	31	31	31
2002	August	0.5	31	4	9	12	12	7	-	-	-	-	-	-	13	27	31
2002	August	1	20	-	1	2	2	-	-	-	-	-	-	-	3	7	20
2002	August	1.5	4	-	-	-	-	-	-	-	-	-	-	-	-	-	4
2002	September	> 0	30	-	6	6	2	2	-	-	-	-	-	-	6	23	30
2002	September	0.5	30	-	-	-	-	-	-	-	-	-	-	-	-	2	30
2002	September	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	2
2002	October	> 0	31	1	18	18	3	3	-	-	-	1	-	-	18	30	31
2002	October	0.5	31	-	-	1	1	-	-	-	-	-	-	-	1	4	31
2002	October	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	2
2002	November	> 0	30	8	29	29	19	17	-	-	-	2	-	-	29	30	30
2002	November	0.5	30	-	-	1	1	-	-	-	-	-	-	-	2	21	30
2002	November	1	9	-	-	-	-	-	-	-	-	-	-	-	-	-	14
2002	December	> 0	31	11	29	29	19	15	-	-	-	10	-	-	29	30	31
2002	December	0.5	31	-	2	8	8	-	-	-	-	-	-	-	10	19	31
2002	December	1	14	-	-	-	-	-	-	-	-	-	-	-	-	-	14
2003	January	> 0	31	6	23	23	14	9	-	-	-	5	-	-	23	28	31
2003	January	0.5	31	-	-	1	1	-	-	-	-	-	-	-	5	17	31
2003	January	1	7	-	-	-	-	-	-	-	-	-	-	-	-	-	8
2003	February	> 0	28	3	13	13	7	5	-	-	-	3	-	-	13	26	28
2003	February	0.5	28	-	-	1	1	-	-	-	-	-	-	-	3	7	28
2003	February	1	3	-	-	-	-	-	-	-	-	-	-	-	-	-	5

**Table C-1**  
**Total Number of Estimated Inundation Days Between 1985 and 2004**

Year	Month	Depth (feet)	A	B	C	D	E	F	G	H	I	J	K	L	SPMD1	SPMD2	SPMD3
2003	February	> 0	28	3	13	13	7	5	-	-	-	3	-	-	13	26	28
2003	February	0.5	28	-	-	1	1	-	-	-	-	-	-	-	3	7	28
2003	February	1	3	-	-	-	-	-	-	-	-	-	-	-	-	-	5
2003	March	> 0	31	17	21	21	18	17	12	8	14	17	10	2	21	31	31
2003	March	0.5	31	16	16	17	17	16	7	1	6	7	-	-	17	18	31
2003	March	1	17	6	8	10	10	7	-	-	-	-	-	-	12	16	17
2003	March	1.5	14	-	-	3	3	-	-	-	-	-	-	-	4	7	16
2003	March	2	4	-	-	-	-	-	-	-	-	-	-	-	-	-	5
2003	April	> 0	30	28	30	30	30	30	15	12	17	28	12	9	30	30	30
2003	April	0.5	30	19	21	25	26	21	11	9	11	11	9	7	28	30	30
2003	April	1	28	11	12	13	13	11	9	6	8	7	5	1	14	20	28
2003	April	1.5	16	9	9	10	10	9	5	1	5	2	1	-	10	11	18
2003	April	2	10	6	6	7	7	5	1	-	1	-	-	-	8	9	10
2003	April	2.5	7	1	1	5	5	1	-	-	-	-	-	-	5	5	8
2003	April	3	4	-	-	1	1	-	-	-	-	-	-	-	1	1	5
2003	April	3.5	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1
2003	May	> 0	31	31	31	31	31	31	22	17	23	31	20	7	31	31	31
2003	May	0.5	31	24	26	31	31	25	14	7	13	16	7	2	31	31	31
2003	May	1	31	14	17	21	21	15	6	2	5	3	2	-	22	24	31
2003	May	1.5	23	6	7	8	8	6	2	-	2	-	-	-	11	14	24
2003	May	2	12	2	2	3	3	2	-	-	-	-	-	-	4	6	12
2003	May	2.5	3	-	-	1	1	-	-	-	-	-	-	-	2	2	4
2003	May	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	2
2003	June	> 0	30	11	26	26	19	17	-	-	-	8	-	-	26	30	30
2003	June	0.5	30	-	-	2	2	-	-	-	-	-	-	-	8	19	30
2003	June	1	13	-	-	-	-	-	-	-	-	-	-	-	-	-	17
2003	July	> 0	31	1	8	8	2	1	-	-	-	-	-	-	8	12	31
2003	July	0.5	29	-	-	-	-	-	-	-	-	-	-	-	-	2	30
2003	July	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1
2003	August	> 0	31	-	3	3	-	-	-	-	-	-	-	-	3	6	31
2003	August	0.5	30	-	-	-	-	-	-	-	-	-	-	-	-	-	31
2003	September	> 0	30	2	7	7	5	4	-	-	-	1	-	-	7	8	30
2003	September	0.5	24	-	-	1	1	-	-	-	-	-	-	-	1	6	29
2003	September	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	3
2003	October	> 0	31	4	18	18	9	8	-	-	-	3	-	-	18	20	31
2003	October	0.5	31	-	1	1	1	-	-	-	-	-	-	-	3	9	31
2003	October	1	5	-	-	-	-	-	-	-	-	-	-	-	-	-	7
2003	November	> 0	30	29	29	29	29	29	19	17	22	27	18	5	29	30	30
2003	November	0.5	30	23	24	26	26	24	16	4	15	16	3	1	27	29	30
2003	November	1	29	15	17	18	18	16	3	-	2	2	-	-	18	24	29
2003	November	1.5	21	3	3	8	8	3	-	-	-	-	-	-	12	15	22
2003	November	2	14	-	-	2	2	-	-	-	-	-	-	-	2	3	15
2003	November	2.5	2	-	-	-	-	-	-	-	-	-	-	-	-	-	2
2003	December	> 0	31	31	31	31	31	31	4	1	8	31	2	-	31	31	31
2003	December	0.5	31	9	18	25	25	15	1	-	-	1	-	-	31	31	31
2003	December	1	31	-	1	3	3	1	-	-	-	-	-	-	3	14	31
2003	December	1.5	4	-	-	-	-	-	-	-	-	-	-	-	-	1	8
2004	January	> 0	31	17	29	29	27	24	5	-	6	14	-	-	29	29	31
2004	January	0.5	31	7	9	12	12	7	-	-	-	-	-	-	14	28	31
2004	January	1	19	-	-	2	2	-	-	-	-	-	-	-	5	7	20
2004	January	1.5	6	-	-	-	-	-	-	-	-	-	-	-	-	-	7

**Table C-1**  
**Total Number of Estimated Inundation Days Between 1985 and 2004**

Year	Month	Depth (feet)	A	B	C	D	E	F	G	H	I	J	K	L	SPMD1	SPMD2	SPMD3
2004	February	> 0	29	11	28	28	23	18	1	-	2	8	-	-	28	29	29
2004	February	0.5	29	4	7	8	8	4	-	-	-	-	-	-	8	26	29
2004	February	1	16	-	-	1	1	-	-	-	-	-	-	-	1	4	17
2004	February	1.5	1	-	-	-	-	-	-	-	-	-	-	-	-	-	3
2004	March	> 0	31	31	31	31	31	31	31	31	31	31	31	19	31	31	31
2004	March	0.5	31	31	31	31	31	31	30	15	26	30	15	10	31	31	31
2004	March	1	31	29	31	31	31	30	14	10	14	11	9	6	31	31	31
2004	March	1.5	31	15	15	20	20	15	9	6	9	7	4	-	21	29	31
2004	March	2	21	10	10	11	11	10	5	1	5	-	-	-	12	14	22
2004	March	2.5	11	6	6	9	9	5	-	-	-	-	-	-	9	9	13
2004	March	3	9	1	1	4	4	-	-	-	-	-	-	-	5	5	9
2004	March	3.5	4	-	-	-	-	-	-	-	-	-	-	-	-	-	4
2004	April	> 0	30	24	30	30	28	28	7	3	8	21	3	-	30	30	30
2004	April	0.5	30	9	13	16	16	10	2	-	1	2	-	-	21	30	30
2004	April	1	25	1	3	4	4	2	-	-	-	-	-	-	6	10	26
2004	April	1.5	8	-	-	-	-	-	-	-	-	-	-	-	1	2	8
2004	April	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1
2004	May	> 0	31	31	31	31	31	31	21	21	21	31	21	20	31	31	31
2004	May	0.5	31	22	26	31	31	25	20	19	20	20	19	13	31	31	31
2004	May	1	31	20	21	21	21	20	16	12	14	13	11	10	21	25	31
2004	May	1.5	21	17	19	20	20	17	11	11	11	11	10	8	20	20	22
2004	May	2	20	11	12	13	13	11	10	8	10	8	6	4	13	16	20
2004	May	2.5	13	10	11	11	11	10	8	5	7	3	2	1	11	11	13
2004	May	3	11	8	8	10	10	8	5	2	5	-	-	-	10	10	11
2004	May	3.5	10	5	5	8	8	5	2	-	2	-	-	-	8	8	10
2004	May	4	6	2	2	5	5	2	-	-	-	-	-	-	5	5	6
2004	May	4.5	4	1	-	2	2	-	-	-	-	-	-	-	2	2	5
2004	May	5	2	-	-	-	-	-	-	-	-	-	-	-	-	-	2
2004	June	> 0	30	30	30	30	30	30	24	20	25	29	23	14	30	30	30
2004	June	0.5	30	26	28	29	29	28	18	13	17	19	12	5	29	30	30
2004	June	1	30	18	20	23	23	18	12	3	12	9	2	1	24	27	30
2004	June	1.5	25	12	12	16	16	12	2	1	2	1	-	-	16	18	26
2004	June	2	17	3	3	9	9	2	1	-	1	-	-	-	11	12	17
2004	June	2.5	10	1	1	2	2	1	-	-	-	-	-	-	2	2	11
2004	June	3	2	-	-	1	1	-	-	-	-	-	-	-	1	1	2
2004	July	> 0	31	22	31	31	31	31	3	-	4	19	2	-	31	31	31
2004	July	0.5	31	6	14	16	16	11	-	-	-	-	-	-	19	31	31
2004	July	1	31	-	-	2	2	-	-	-	-	-	-	-	2	10	31
2004	July	1.5	4	-	-	-	-	-	-	-	-	-	-	-	-	-	4
2004	August	> 0	31	11	30	30	25	25	6	3	6	10	4	-	30	31	31
2004	August	0.5	31	6	8	8	8	6	2	-	1	3	-	-	10	26	31
2004	August	1	17	1	3	4	4	2	-	-	-	-	-	-	4	6	21
2004	August	1.5	6	-	-	-	-	-	-	-	-	-	-	-	-	2	6
2004	August	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1
2004	September	> 0	30	8	20	20	17	13	1	-	1	6	-	-	20	26	30
2004	September	0.5	30	2	5	6	6	4	-	-	-	-	-	-	6	17	30
2004	September	1	10	-	-	-	-	-	-	-	-	-	-	-	1	4	12
2004	September	1.5	1	-	-	-	-	-	-	-	-	-	-	-	-	-	2
2004	October	> 0	31	3	20	20	17	10	-	-	-	3	-	-	20	24	31
2004	October	0.5	31	-	1	1	1	-	-	-	-	-	-	-	3	17	31
2004	October	1	3	-	-	-	-	-	-	-	-	-	-	-	-	-	5

**Table C-1**  
**Total Number of Estimated Inundation Days Between 1985 and 2004**

Year	Month	Depth (feet)	A	B	C	D	E	F	G	H	I	J	K	L	SPMD1	SPMD2	SPMD3
2004	November	> 0	30	28	30	30	30	30	10	6	11	24	7	2	30	30	30
2004	November	0.5	30	12	20	21	21	14	4	1	4	4	1	-	24	30	30
2004	November	1	30	4	6	8	8	4	-	-	-	-	-	-	9	13	30
2004	November	1.5	11	-	1	3	3	-	-	-	-	-	-	-	3	4	12
2004	November	2	3	-	-	-	-	-	-	-	-	-	-	-	-	-	3

**Notes:**

1. Discharge to inundation depth linear correlations from Appendix B were used to calculate the total number of inundation days. Microsoft Access database queries were used to count the number of days of inundation greater than a specific depth, based on the daily mean discharge data from the USGS stream gage in Allegan. The "zero" depth used is the observed value from Section 3.2 of the report.
2. Data compiled through November 30, 2004.
3. "-" means there were no days of inundation for that particular stake on the specified month and year.

**Appendix C-2**  
**Number of Consecutive Days Where Estimated Inundation Depths At Stake A**  
**Were Greater Than Zero Feet Between 1985 and 2004**

Stake A		
Start Date	Stop Date	No. of Days
1/1/85	9/19/96	4280
9/21/96	9/8/99	1083
9/10/99	9/12/99	3
9/14/99	9/15/99	2
9/17/99	9/19/99	3
9/21/99	9/22/99	2
9/24/99	11/30/04	1895

Appendix C-3  
Number of Consecutive Days Where Estimated Inundation Depths At Stake B Were Greater Than Zero Feet Between 1985 and 2004

Stake B		
Start Date	Stop Date	No. of Days
1/1/85	6/27/85	178
7/7/85	7/7/85	1
7/11/85	7/11/85	1
7/14/85	7/23/85	10
7/26/85	7/27/85	2
7/31/85	7/31/85	1
8/7/85	8/7/85	1
8/16/85	8/17/85	2
8/19/85	8/21/85	3
8/28/85	8/29/85	2
9/9/85	9/16/85	8
9/23/85	9/23/85	1
9/27/85	9/27/85	1
10/7/85	10/12/85	6
10/15/85	10/15/85	1
10/20/85	7/7/86	261
7/9/86	8/1/86	24
8/8/86	8/14/86	7
8/17/86	8/17/86	1
8/27/86	8/31/86	5
9/5/86	9/6/86	2
9/13/86	9/14/86	2
9/16/86	9/16/86	1
9/23/86	1/24/87	124
1/28/87	5/11/87	104
5/15/87	5/15/87	1
5/19/87	5/19/87	1
5/21/87	5/24/87	4
6/3/87	6/3/87	1
6/22/87	6/23/87	2
8/17/87	8/17/87	1
8/26/87	9/2/87	8
9/10/87	9/25/87	16
9/28/87	9/28/87	1
9/30/87	10/2/87	3
10/20/87	10/21/87	2
10/23/87	11/6/87	15
11/9/87	11/9/87	1
11/18/87	11/18/87	1
11/20/87	11/21/87	2
11/25/87	5/27/88	185
5/29/88	5/30/88	2
6/2/88	6/2/88	1
9/20/88	10/7/88	18
10/9/88	10/11/88	3
10/13/88	10/15/88	3
10/17/88	7/15/89	272
7/19/89	8/13/89	26
8/15/89	8/17/89	3
8/22/89	8/24/89	3
8/30/89	9/30/89	32

Stake B		
Start Date	Stop Date	No. of Days
10/12/89	10/12/89	1
10/17/89	10/17/89	1
10/20/89	11/4/89	16
11/7/89	12/12/89	36
12/18/89	12/19/89	2
12/24/89	12/26/89	3
12/31/89	6/18/90	170
6/20/90	7/7/90	18
7/9/90	7/9/90	1
7/11/90	7/11/90	1
7/15/90	7/15/90	1
7/17/90	7/30/90	14
8/14/90	8/14/90	1
8/19/90	8/28/90	10
9/6/90	9/8/90	3
9/10/90	9/11/90	2
9/16/90	9/26/90	11
10/4/90	6/20/91	260
6/23/91	6/24/91	2
6/26/91	6/26/91	1
7/2/91	7/4/91	3
7/7/91	7/7/91	1
7/9/91	7/10/91	2
7/15/91	7/15/91	1
7/22/91	7/23/91	2
8/9/91	8/11/91	3
8/19/91	8/24/91	6
9/15/91	9/15/91	1
10/4/91	10/12/91	9
10/14/91	10/20/91	7
10/23/91	6/11/92	233
6/18/92	6/20/92	3
6/22/92	6/23/92	2
6/26/92	6/26/92	1
7/5/92	7/5/92	1
7/14/92	8/15/92	33
8/29/92	9/4/92	7
9/9/92	10/4/92	26
10/8/92	8/5/93	302
8/7/93	8/16/93	10
8/20/93	8/21/93	2
8/24/93	8/26/93	3
8/28/93	12/26/93	121
12/29/93	1/9/94	12
1/12/94	1/16/94	5
1/19/94	5/19/94	121
5/21/94	5/22/94	2
5/24/94	5/24/94	1
6/14/94	6/19/94	6
6/21/94	6/21/94	1
6/24/94	7/30/94	37

Stake B		
Start Date	Stop Date	No. of Days
8/5/94	8/6/94	2
8/9/94	8/9/94	1
8/11/94	9/4/94	25
9/7/94	9/7/94	1
9/10/94	9/10/94	1
9/26/94	9/27/94	2
9/29/94	10/7/94	9
10/9/94	10/16/94	8
10/19/94	10/28/94	10
10/31/94	2/12/95	105
2/15/95	6/17/95	123
6/27/95	7/8/95	12
7/13/95	7/14/95	2
7/19/95	7/20/95	2
7/24/95	7/27/95	4
7/31/95	8/1/95	2
8/5/95	8/14/95	10
8/18/95	8/27/95	10
9/9/95	9/9/95	1
10/27/95	12/9/95	44
12/13/95	12/17/95	5
12/22/95	12/25/95	4
1/19/96	1/31/96	13
2/9/96	2/17/96	9
2/22/96	2/24/96	3
2/26/96	3/9/96	13
3/11/96	4/7/96	28
4/13/96	7/4/96	83
10/31/96	11/4/96	5
11/7/96	11/20/96	14
11/23/96	11/23/96	1
11/26/96	11/26/96	1
12/1/96	12/19/96	19
12/23/96	1/11/97	20
1/15/97	1/18/97	4
1/20/97	1/20/97	1
1/22/97	7/9/97	169
7/12/97	7/12/97	1
7/16/97	7/16/97	1
7/23/97	7/23/97	1
8/13/97	8/14/97	2
8/17/97	8/22/97	6
8/24/97	8/26/97	3
9/10/97	10/7/97	28
10/9/97	10/10/97	2
10/13/97	10/13/97	1
10/16/97	10/17/97	2
10/20/97	10/20/97	1
10/24/97	10/24/97	1
10/27/97	7/15/98	262
7/18/98	7/30/98	13

Stake B		
Start Date	Stop Date	No. of Days
8/5/98	8/17/98	13
8/20/98	8/20/98	1
10/7/98	10/12/98	6
10/31/98	10/31/98	1
11/2/98	11/4/98	3
11/11/98	11/18/98	8
11/21/98	11/21/98	1
12/2/98	12/2/98	1
12/7/98	12/14/98	8
12/17/98	12/17/98	1
12/20/98	12/20/98	1
1/8/99	1/8/99	1
1/18/99	4/1/99	74
4/4/99	5/30/99	57
6/1/99	6/6/99	6
6/28/99	7/14/99	17
12/6/99	12/7/99	2
12/9/99	12/9/99	1
12/12/99	12/12/99	1
12/15/99	12/17/99	3
12/21/99	12/21/99	1
1/12/00	1/12/00	1
2/24/00	3/7/00	13
3/16/00	3/17/00	2
3/20/00	3/24/00	5
3/27/00	3/27/00	1
4/10/00	4/11/00	2
4/15/00	4/15/00	1
4/20/00	5/7/00	18
5/9/00	6/11/00	34
6/13/00	7/13/00	31
7/15/00	7/16/00	2
7/31/00	8/1/00	2
8/4/00	8/5/00	2
8/7/00	8/13/00	7
8/24/00	8/24/00	1
8/27/00	8/29/00	3
9/11/00	9/19/00	9
9/24/00	9/25/00	2
9/28/00	9/29/00	2
10/4/00	10/13/00	10
10/15/00	10/16/00	2
10/18/00	10/18/00	1
10/24/00	11/1/00	9
11/3/00	11/3/00	1
11/5/00	11/5/00	1
11/8/00	11/8/00	1
11/10/00	7/5/01	238
7/7/01	7/8/01	2
7/10/01	7/10/01	1
7/22/01	7/23/01	2

Stake B		
Start Date	Stop Date	No. of Days
7/25/01	7/30/01	6
8/17/01	8/17/01	1
8/20/01	9/1/01	13
9/3/01	9/3/01	1
9/6/01	9/6/01	1
9/9/01	9/16/01	8
9/18/01	9/18/01	1
9/20/01	10/30/01	14
10/5/01	6/22/02	261
6/24/02	6/26/02	3
6/28/02	6/28/02	1
6/30/02	6/30/02	1
7/3/02	7/3/02	1
7/9/02	7/11/02	3
7/29/02	8/8/02	11
8/15/02	8/15/02	1
8/18/02	8/18/02	1
8/20/02	8/20/02	1
8/23/02	8/28/02	6
10/6/02	10/6/02	1
11/11/02	11/11/02	1
11/14/02	11/14/02	1
11/16/02	11/16/02	1
11/18/02	11/18/02	1
11/21/02	11/22/02	2
11/25/02	11/26/02	2
12/7/02	12/7/02	1
12/18/02	12/25/02	8
12/28/02	12/28/02	1
12/31/02	1/4/03	5
1/7/03	1/7/03	1
1/10/03	1/10/03	1
2/4/03	2/6/03	3
3/15/03	4/28/03	45
5/1/03	6/4/03	35
6/7/03	6/8/03	2
6/11/03	6/15/03	5
7/9/03	7/9/03	1
9/25/03	9/26/03	2
10/15/03	10/17/03	3
10/20/03	10/20/03	1
11/2/03	1/15/04	75
1/18/04	1/18/04	1
2/3/04	2/3/04	1
2/6/04	2/6/04	1
2/21/04	4/18/04	58
4/21/04	4/21/04	1
4/24/04	4/26/04	3
4/28/04	4/29/04	2
5/1/04	7/1/04	62
7/4/04	7/15/04	12

Stake B		
Start Date	Stop Date	No. of Days
7/22/04	7/28/04	7
7/31/04	7/31/04	1
8/4/04	8/4/04	1
8/19/04	8/20/04	2
8/24/04	9/5/04	13
9/8/04	9/9/04	2
10/29/04	11/14/04	17
11/17/04	11/30/04	14

**Appendix C-4**  
**Number of Consecutive Days Where Estimated Inundation Depths At Stake C Were Greater Than Zero Feet**  
**Between 1985 and 2004**

Stake C		
Start Date	Stop Date	No. of Days
1/1/85	7/8/85	189
7/10/85	8/23/85	45
8/25/85	1/25/87	519
1/27/87	5/12/87	106
5/14/87	5/29/87	16
5/31/87	5/31/87	1
6/2/87	6/3/87	2
6/5/87	6/5/87	1
6/13/87	6/13/87	1
6/21/87	6/25/87	5
7/9/87	7/10/87	2
7/16/87	7/16/87	1
7/31/87	7/31/87	1
8/3/87	8/3/87	1
8/17/87	8/18/87	2
8/23/87	8/23/87	1
8/26/87	9/2/87	8
9/4/87	9/5/87	2
9/7/87	9/7/87	1
9/10/87	10/11/87	32
10/13/87	10/14/87	2
10/16/87	10/17/87	2
10/19/87	5/30/88	225
6/2/88	6/9/88	8
7/19/88	7/20/88	2
7/25/88	7/25/88	1
7/27/88	7/27/88	1
8/16/88	8/16/88	1
8/25/88	8/25/88	1
9/5/88	9/6/88	2
9/19/88	12/15/89	453
12/18/89	9/3/90	260
9/5/90	7/27/91	326
7/29/91	8/15/91	18
8/17/91	8/29/91	13
8/31/91	9/1/91	2
9/4/91	9/7/91	4
9/9/91	9/13/91	5
9/15/91	9/17/91	3
9/19/91	9/19/91	1
9/22/91	9/23/91	2
9/25/91	9/27/91	3
9/30/91	10/1/91	2
10/3/91	6/16/92	258
6/18/92	6/23/92	6
6/25/92	7/1/92	7
7/5/92	7/7/92	3
7/9/92	7/10/92	2
7/12/92	8/22/92	42
8/24/92	8/21/93	363
8/23/93	6/2/94	284

Stake C		
Start Date	Stop Date	No. of Days
6/4/94	6/5/94	2
6/7/94	6/10/94	4
6/13/94	9/23/94	103
9/25/94	6/19/95	268
6/21/95	6/22/95	2
6/26/95	7/9/95	14
7/12/95	7/15/95	4
7/18/95	7/21/95	4
7/23/95	7/28/95	6
7/30/95	8/2/95	4
8/4/95	8/15/95	12
8/17/95	8/29/95	13
8/31/95	9/2/95	3
9/8/95	9/10/95	3
9/14/95	9/15/95	2
9/25/95	9/26/95	2
10/9/95	10/12/95	4
10/14/95	10/16/95	3
10/20/95	12/17/95	59
12/20/95	2/6/96	49
2/8/96	7/7/96	151
7/10/96	7/10/96	1
7/16/96	7/17/96	2
7/31/96	7/31/96	1
9/23/96	9/23/96	1
9/27/96	9/28/96	2
9/30/96	10/1/96	2
10/11/96	10/11/96	1
10/18/96	10/28/96	11
10/30/96	12/20/96	52
12/22/96	7/13/97	204
7/15/97	7/19/97	5
7/22/97	7/26/97	5
7/28/97	7/29/97	2
8/12/97	8/31/97	20
9/2/97	9/2/97	1
9/4/97	9/5/97	2
9/10/97	10/21/97	42
10/23/97	8/2/98	284
8/4/98	8/24/98	21
8/26/98	8/29/98	4
8/31/98	9/1/98	2
9/4/98	9/5/98	2
9/7/98	9/12/98	6
9/14/98	9/15/98	2
9/17/98	9/17/98	1
9/19/98	9/19/98	1
9/21/98	9/23/98	3
9/25/98	9/26/98	2
10/1/98	10/1/98	1
10/6/98	11/25/98	51

Stake C		
Start Date	Stop Date	No. of Days
11/27/98	12/30/98	34
1/6/99	6/9/99	155
6/11/99	6/12/99	2
6/14/99	6/15/99	2
6/17/99	6/18/99	2
6/25/99	7/15/99	21
7/18/99	7/18/99	1
7/20/99	7/21/99	2
7/23/99	7/24/99	2
7/27/99	7/28/99	2
8/26/99	8/26/99	1
9/30/99	9/30/99	1
11/2/99	11/2/99	1
11/4/99	11/4/99	1
11/7/99	11/7/99	1
11/21/99	11/21/99	1
11/24/99	11/25/99	2
12/4/99	12/22/99	19
12/26/99	12/27/99	2
12/30/99	12/31/99	2
1/3/00	1/17/00	15
1/20/00	1/21/00	2
2/23/00	3/14/00	21
3/16/00	4/2/00	18
4/7/00	4/16/00	10
4/18/00	7/19/00	93
7/21/00	7/22/00	2
7/26/00	7/26/00	1
7/29/00	8/14/00	17
8/16/00	8/17/00	2
8/19/00	8/20/00	2
8/23/00	9/1/00	10
9/4/00	9/4/00	1
9/10/00	7/15/01	309
7/17/01	8/6/01	21
8/9/01	8/10/01	2
8/16/01	7/4/02	323
7/9/02	7/16/02	8
7/28/02	9/3/02	38
9/20/02	9/22/02	3
10/5/02	10/7/02	3
10/13/02	10/13/02	1
10/18/02	11/8/02	22
11/10/02	12/3/02	24
12/6/02	1/16/03	42
1/21/03	1/25/03	5
1/27/03	1/28/03	2
2/3/03	2/7/03	5
2/9/03	2/11/03	3
3/13/03	6/23/03	103
6/27/03	6/29/03	3

Stake C		
Start Date	Stop Date	No. of Days
7/7/03	7/12/03	6
7/22/03	7/23/03	2
8/4/03	8/4/03	1
8/9/03	8/9/03	1
8/12/03	8/12/03	1
9/24/03	9/30/03	7
10/4/03	10/4/03	1
10/7/03	10/7/03	1
10/15/03	10/21/03	7
10/23/03	10/31/03	9
11/2/03	1/22/04	82
1/25/04	1/31/04	7
2/2/04	8/14/04	195
8/16/04	9/18/04	34
9/21/04	9/21/04	1
9/26/04	9/26/04	1
10/1/04	10/2/04	2
10/10/04	10/10/04	1
10/15/04	11/30/04	47

**Appendix C-5**  
**Number of Consecutive Days Where Estimated Inundation Depths At Stake D Were Greater Than Zero Feet Between 1985 and 2004**

Stake D		
Start Date	Stop Date	No. of Days
1/1/85	7/8/85	189
7/10/85	8/23/85	45
8/25/85	1/25/87	519
1/27/87	5/12/87	106
5/14/87	5/29/87	16
5/31/87	5/31/87	1
6/2/87	6/3/87	2
6/5/87	6/5/87	1
6/13/87	6/13/87	1
6/21/87	6/25/87	5
7/9/87	7/10/87	2
7/16/87	7/16/87	1
7/31/87	7/31/87	1
8/3/87	8/3/87	1
8/17/87	8/18/87	2
8/23/87	8/23/87	1
8/26/87	9/2/87	8
9/4/87	9/5/87	2
9/7/87	9/7/87	1
9/10/87	10/11/87	32
10/13/87	10/14/87	2
10/16/87	10/17/87	2
10/19/87	5/30/88	225
6/2/88	6/9/88	8
7/19/88	7/20/88	2
7/25/88	7/25/88	1
7/27/88	7/27/88	1
8/16/88	8/16/88	1
8/25/88	8/25/88	1
9/5/88	9/6/88	2
9/19/88	12/15/89	453
12/18/89	9/3/90	260
9/5/90	7/27/91	326
7/29/91	8/15/91	18
8/17/91	8/29/91	13
8/31/91	9/1/91	2
9/4/91	9/7/91	4
9/9/91	9/13/91	5
9/15/91	9/17/91	3
9/19/91	9/19/91	1
9/22/91	9/23/91	2
9/25/91	9/27/91	3
9/30/91	10/1/91	2
10/3/91	6/16/92	258
6/18/92	6/23/92	6
6/25/92	7/1/92	7
7/5/92	7/7/92	3
7/9/92	7/10/92	2
7/12/92	8/22/92	42
8/24/92	8/21/93	363
8/23/93	6/2/94	284

Stake D		
Start Date	Stop Date	No. of Days
6/4/94	6/5/94	2
6/7/94	6/10/94	4
6/13/94	9/23/94	103
9/25/94	6/19/95	268
6/21/95	6/22/95	2
6/26/95	7/9/95	14
7/12/95	7/15/95	4
7/18/95	7/21/95	4
7/23/95	7/28/95	6
7/30/95	8/2/95	4
8/4/95	8/15/95	12
8/17/95	8/29/95	13
8/31/95	9/2/95	3
9/8/95	9/10/95	3
9/14/95	9/15/95	2
9/25/95	9/26/95	2
10/9/95	10/12/95	4
10/14/95	10/16/95	3
10/20/95	12/17/95	59
12/20/95	2/6/96	49
2/8/96	7/7/96	151
7/10/96	7/10/96	1
7/16/96	7/17/96	2
7/31/96	7/31/96	1
9/23/96	9/23/96	1
9/27/96	9/28/96	2
9/30/96	10/1/96	2
10/11/96	10/11/96	1
10/18/96	10/28/96	11
10/30/96	12/20/96	52
12/22/96	7/13/97	204
7/15/97	7/19/97	5
7/22/97	7/26/97	5
7/28/97	7/29/97	2
8/12/97	8/31/97	20
9/2/97	9/2/97	1
9/4/97	9/5/97	2
9/10/97	10/21/97	42
10/23/97	8/2/98	284
8/4/98	8/24/98	21
8/26/98	8/29/98	4
8/31/98	9/1/98	2
9/4/98	9/5/98	2
9/7/98	9/12/98	6
9/14/98	9/15/98	2
9/17/98	9/17/98	1
9/19/98	9/19/98	1
9/21/98	9/23/98	3
9/25/98	9/26/98	2
10/1/98	10/1/98	1
10/6/98	11/25/98	51

Stake D		
Start Date	Stop Date	No. of Days
11/27/98	12/30/98	34
1/6/99	6/9/99	155
6/11/99	6/12/99	2
6/14/99	6/15/99	2
6/17/99	6/18/99	2
6/25/99	7/15/99	21
7/18/99	7/18/99	1
7/20/99	7/21/99	2
7/23/99	7/24/99	2
7/27/99	7/28/99	2
8/26/99	8/26/99	1
9/30/99	9/30/99	1
11/2/99	11/2/99	1
11/4/99	11/4/99	1
11/7/99	11/7/99	1
11/21/99	11/21/99	1
11/24/99	11/25/99	2
12/4/99	12/22/99	19
12/26/99	12/27/99	2
12/30/99	12/31/99	2
1/3/00	1/17/00	15
1/20/00	1/21/00	2
2/23/00	3/14/00	21
3/16/00	4/2/00	18
4/7/00	4/16/00	10
4/18/00	7/19/00	93
7/21/00	7/22/00	2
7/26/00	7/26/00	1
7/29/00	8/14/00	17
8/16/00	8/17/00	2
8/19/00	8/20/00	2
8/23/00	9/1/00	10
9/4/00	9/4/00	1
9/10/00	7/15/01	309
7/17/01	8/6/01	21
8/9/01	8/10/01	2
8/16/01	7/4/02	323
7/9/02	7/16/02	8
7/28/02	9/3/02	38
9/20/02	9/22/02	3
10/5/02	10/7/02	3
10/13/02	10/13/02	1
10/18/02	11/8/02	22
11/10/02	12/3/02	24
12/6/02	1/16/03	42
1/21/03	1/25/03	5
1/27/03	1/28/03	2
2/3/03	2/7/03	5
2/9/03	2/11/03	3
3/13/03	6/23/03	103
6/27/03	6/29/03	3

Stake D		
Start Date	Stop Date	No. of Days
7/7/03	7/12/03	6
7/22/03	7/23/03	2
8/4/03	8/4/03	1
8/9/03	8/9/03	1
8/12/03	8/12/03	1
9/24/03	9/30/03	7
10/4/03	10/4/03	1
10/7/03	10/7/03	1
10/15/03	10/21/03	7
10/23/03	10/31/03	9
11/2/03	1/22/04	82
1/25/04	1/31/04	7
2/2/04	8/14/04	195
8/16/04	9/18/04	34
9/21/04	9/21/04	1
9/26/04	9/26/04	1
10/1/04	10/2/04	2
10/10/04	10/10/04	1
10/15/04	11/30/04	47

Appendix C-6

Number of Consecutive Days Where Estimated Inundation Depths At Stake E Were Greater Than Zero Feet Between 1985 and 2004

Stake E		
Start Date	Stop Date	No. of Days
1/1/85	7/8/85	189
7/10/85	8/3/85	25
8/6/85	8/11/85	6
8/15/85	8/22/85	8
8/26/85	9/4/85	10
9/9/85	9/28/85	20
10/1/85	10/2/85	2
10/5/85	10/16/85	12
10/20/85	8/20/86	305
8/26/86	9/2/86	8
9/4/86	9/16/86	13
9/18/86	1/24/87	129
1/27/87	5/12/87	106
5/14/87	5/28/87	15
5/31/87	5/31/87	1
6/2/87	6/3/87	2
6/5/87	6/5/87	1
6/13/87	6/13/87	1
6/22/87	6/24/87	3
7/10/87	7/10/87	1
8/17/87	8/18/87	2
8/23/87	8/23/87	1
8/26/87	9/2/87	8
9/4/87	9/5/87	2
9/7/87	9/7/87	1
9/10/87	10/8/87	29
10/10/87	10/11/87	2
10/13/87	10/13/87	1
10/17/87	10/17/87	1
10/20/87	5/30/88	224
6/2/88	6/3/88	2
8/16/88	8/16/88	1
9/5/88	9/6/88	2
9/19/88	8/24/89	340
8/26/89	8/28/89	3
8/30/89	12/15/89	108
12/18/89	12/21/89	4
12/23/89	12/27/89	5
12/29/89	7/30/90	214
8/2/90	8/10/90	9
8/12/90	8/14/90	3
8/16/90	9/3/90	19
9/6/90	9/8/90	3
9/10/90	9/30/90	21
10/2/90	6/27/91	269
6/29/91	6/29/91	1
7/2/91	7/10/91	9
7/12/91	7/16/91	5
7/18/91	7/18/91	1
7/22/91	7/24/91	3
7/26/91	7/27/91	2
7/31/91	8/1/91	2
8/3/91	8/4/91	2

Stake E		
Start Date	Stop Date	No. of Days
8/8/91	8/12/91	5
8/14/91	8/14/91	1
8/18/91	8/29/91	12
8/31/91	9/1/91	2
9/4/91	9/4/91	1
9/6/91	9/7/91	2
9/12/91	9/12/91	1
9/15/91	9/16/91	2
9/22/91	9/22/91	1
9/26/91	9/27/91	2
10/1/91	10/1/91	1
10/3/91	6/16/92	258
6/18/92	6/23/92	6
6/25/92	6/30/92	6
7/5/92	7/6/92	2
7/9/92	7/10/92	2
7/13/92	8/22/92	41
8/24/92	8/25/92	2
8/28/92	10/4/92	38
10/6/92	8/17/93	316
8/19/93	8/21/93	3
8/23/93	12/27/93	127
12/29/93	1/10/94	13
1/12/94	1/17/94	6
1/19/94	5/26/94	128
5/28/94	5/30/94	3
6/4/94	6/4/94	1
6/13/94	8/2/94	51
8/4/94	9/11/94	39
9/13/94	9/15/94	3
9/17/94	9/20/94	4
9/22/94	9/23/94	2
9/25/94	6/19/95	268
6/21/95	6/21/95	1
6/26/95	7/8/95	13
7/12/95	7/15/95	4
7/18/95	7/21/95	4
7/23/95	7/28/95	6
7/30/95	8/2/95	4
8/5/95	8/14/95	10
8/17/95	8/27/95	11
9/1/95	9/2/95	2
9/8/95	9/10/95	3
9/14/95	9/15/95	2
9/25/95	9/25/95	1
10/22/95	12/10/95	50
12/13/95	12/17/95	5
12/21/95	1/3/96	14
1/14/96	1/15/96	2
1/17/96	2/6/96	21
2/8/96	7/5/96	149
7/7/96	7/7/96	1
7/16/96	7/16/96	1

Stake E		
Start Date	Stop Date	No. of Days
10/18/96	10/19/96	2
10/21/96	10/21/96	1
10/24/96	10/25/96	2
10/27/96	10/28/96	2
10/31/96	11/20/96	21
11/22/96	11/23/96	2
11/25/96	11/27/96	3
11/29/96	12/20/96	22
12/22/96	1/11/97	21
1/13/97	7/12/97	181
7/15/97	7/16/97	2
7/18/97	7/18/97	1
7/22/97	7/26/97	5
7/28/97	7/28/97	1
8/12/97	8/26/97	15
8/28/97	8/31/97	4
9/2/97	9/2/97	1
9/4/97	9/4/97	1
9/10/97	10/7/97	28
10/9/97	10/20/97	12
10/23/97	7/30/98	281
8/2/98	8/2/98	1
8/4/98	8/18/98	15
8/20/98	8/21/98	2
8/23/98	8/24/98	2
8/26/98	8/28/98	3
8/31/98	9/1/98	2
9/4/98	9/4/98	1
9/8/98	9/9/98	2
9/25/98	9/25/98	1
10/6/98	10/12/98	7
10/14/98	10/16/98	3
10/19/98	10/19/98	1
10/21/98	10/24/98	4
10/26/98	10/27/98	2
10/30/98	11/4/98	6
11/6/98	11/7/98	2
11/9/98	11/18/98	10
11/20/98	11/25/98	6
11/27/98	12/21/98	25
12/24/98	12/24/98	1
12/27/98	12/27/98	1
12/29/98	12/30/98	2
1/6/99	1/8/99	3
1/10/99	1/10/99	1
1/14/99	1/14/99	1
1/16/99	5/30/99	135
6/1/99	6/9/99	9
6/11/99	6/12/99	2
6/14/99	6/15/99	2
6/17/99	6/17/99	1
6/25/99	7/15/99	21
7/20/99	7/21/99	2

Stake E		
Start Date	Stop Date	No. of Days
7/23/99	7/23/99	1
7/27/99	7/27/99	1
8/26/99	8/26/99	1
11/2/99	11/2/99	1
11/24/99	11/24/99	1
12/4/99	12/4/99	1
12/6/99	12/10/99	5
12/12/99	12/12/99	1
12/15/99	12/22/99	8
12/26/99	12/27/99	2
12/30/99	12/30/99	1
1/4/00	1/7/00	4
1/10/00	1/14/00	5
2/23/00	3/8/00	15
3/10/00	3/11/00	2
3/13/00	3/13/00	1
3/16/00	3/24/00	9
3/26/00	3/31/00	6
4/2/00	4/2/00	1
4/7/00	4/16/00	10
4/18/00	7/19/00	93
7/21/00	7/21/00	1
7/29/00	7/29/00	1
7/31/00	8/5/00	6
8/7/00	8/13/00	7
8/16/00	8/17/00	2
8/19/00	8/19/00	1
8/23/00	8/25/00	3
8/27/00	8/29/00	3
8/31/00	8/31/00	1
9/11/00	10/1/00	21
10/3/00	10/13/00	11
10/15/00	10/16/00	2
10/18/00	10/18/00	1
10/20/00	10/21/00	2
10/23/00	11/5/00	14
11/7/00	7/12/01	248
7/15/01	7/15/01	1
7/18/01	7/18/01	1
7/22/01	7/30/01	9
8/1/01	8/1/01	1
8/3/01	8/3/01	1
8/5/01	8/5/01	1
8/9/01	8/9/01	1
8/17/01	9/6/01	21
9/8/01	7/3/02	299
7/9/02	7/12/02	4
7/15/02	7/15/02	1
7/29/02	8/9/02	12
8/11/02	8/11/02	1
8/15/02	8/28/02	14
8/30/02	8/30/02	1
9/2/02	9/2/02	1

Stake E		
Start Date	Stop Date	No. of Days
9/21/02	9/21/02	1
10/5/02	10/6/02	2
10/24/02	10/24/02	1
11/7/02	11/7/02	1
11/10/02	11/12/02	3
11/14/02	11/19/02	6
11/21/02	11/29/02	9
12/2/02	12/3/02	2
12/6/02	12/8/02	3
12/18/02	1/10/03	24
1/16/03	1/16/03	1
1/24/03	1/24/03	1
2/4/03	2/7/03	4
2/11/03	2/11/03	1
3/14/03	6/15/03	94
6/18/03	6/18/03	1
6/22/03	6/23/03	2
6/29/03	6/29/03	1
7/9/03	7/10/03	2
9/25/03	9/27/03	3
9/29/03	9/30/03	2
10/15/03	10/17/03	3
10/19/03	10/20/03	2
10/23/03	10/23/03	1
10/27/03	10/27/03	1
10/29/03	10/30/03	2
11/2/03	1/16/04	76
1/18/04	1/20/04	3
1/22/04	1/22/04	1
1/25/04	1/31/04	7
2/3/04	2/10/04	8
2/12/04	2/15/04	4
2/18/04	2/18/04	1
2/20/04	4/22/04	63
4/24/04	4/29/04	6
5/1/04	8/1/04	93
8/3/04	8/8/04	6
8/10/04	8/10/04	1
8/13/04	8/14/04	2
8/16/04	8/16/04	1
8/18/04	9/12/04	26
9/14/04	9/14/04	1
9/17/04	9/18/04	2
9/21/04	9/21/04	1
9/26/04	9/26/04	1
10/1/04	10/2/04	2
10/10/04	10/10/04	1
10/15/04	10/15/04	1
10/18/04	10/21/04	4
10/23/04	10/23/04	1
10/25/04	10/27/04	3
10/29/04	11/30/04	33

Appendix C-7

Number of Consecutive Days Where Estimated Inundation Depths At Stake F Were Greater Than Zero Feet Between 1985 and 2004

Stake F			Stake F			Stake F			Stake F			Stake F			Stake F		
Start Date	Stop Date	No. of Days	Start Date	Stop Date	No. of Days	Start Date	Stop Date	No. of Days	Start Date	Stop Date	No. of Days	Start Date	Stop Date	No. of Days	Start Date	Stop Date	No. of Days
1/1/85	7/1/85	182	8/2/90	8/4/90	3	8/4/94	9/11/94	39	10/23/97	7/30/98	281	3/16/00	3/24/00	9	11/10/02	11/12/02	3
7/7/85	7/8/85	2	8/6/90	8/7/90	2	9/14/94	9/15/94	2	8/2/98	8/2/98	1	3/26/00	3/27/00	2	11/14/02	11/19/02	6
7/11/85	7/12/85	2	8/9/90	8/9/90	1	9/17/94	9/17/94	1	8/4/98	8/17/98	14	4/7/00	4/8/00	2	11/21/02	11/26/02	6
7/14/85	8/3/85	21	8/13/90	8/14/90	2	9/19/94	9/20/94	2	8/20/98	8/21/98	2	4/10/00	4/12/00	3	11/28/02	11/28/02	1
8/6/85	8/11/85	6	8/16/90	8/31/90	16	9/26/94	10/17/94	22	8/23/98	8/23/98	1	4/14/00	4/15/00	2	12/2/02	12/2/02	1
8/15/85	8/22/85	8	9/2/90	9/3/90	2	10/19/94	10/29/94	11	8/26/98	8/28/98	3	4/18/00	4/18/00	1	12/7/02	12/7/02	1
8/27/85	9/1/85	6	9/6/90	9/8/90	3	10/31/94	6/18/95	231	8/31/98	9/1/98	2	4/20/00	5/7/00	18	12/18/02	12/26/02	9
9/9/85	9/16/85	8	9/10/90	9/13/90	4	6/26/95	7/8/95	13	9/4/98	9/4/98	1	5/9/00	7/16/00	69	12/28/02	12/29/02	2
9/18/85	9/21/85	4	9/15/90	9/29/90	15	7/12/95	7/15/95	4	9/8/98	9/9/98	2	7/21/00	7/21/00	1	12/31/02	1/5/03	6
9/23/85	9/24/85	2	10/4/90	6/21/91	261	7/18/95	7/20/95	3	10/6/98	10/12/98	7	7/29/00	7/29/00	1	1/7/03	1/8/03	2
9/26/85	9/28/85	3	6/23/91	6/24/91	2	7/24/95	7/27/95	4	10/14/98	10/14/98	1	7/31/00	8/1/00	2	1/10/03	1/10/03	1
10/1/85	10/2/85	2	6/26/91	6/27/91	2	7/30/95	8/2/95	4	10/16/98	10/16/98	1	8/3/00	8/5/00	3	1/16/03	1/16/03	1
10/6/85	10/16/85	11	7/2/91	7/10/91	9	8/5/95	8/14/95	10	10/19/98	10/19/98	1	8/7/00	8/13/00	7	2/4/03	2/7/03	4
10/20/85	8/2/86	287	7/12/91	7/15/91	4	8/17/95	8/27/95	11	10/23/98	10/24/98	2	8/16/00	8/16/00	1	2/11/03	2/11/03	1
8/4/86	8/5/86	2	7/22/91	7/23/91	2	9/1/95	9/1/95	1	10/26/98	10/26/98	1	8/19/00	8/19/00	1	3/15/03	6/5/03	83
8/7/86	8/17/86	11	7/26/91	7/26/91	1	9/8/95	9/9/95	2	10/30/98	10/31/98	2	8/23/00	8/24/00	2	6/7/03	6/9/03	3
8/19/86	8/19/86	1	7/31/91	8/1/91	2	9/15/95	9/15/95	1	11/2/98	11/4/98	3	8/27/00	8/29/00	3	6/11/03	6/15/03	5
8/27/86	9/1/86	6	8/3/91	8/4/91	2	9/25/95	9/25/95	1	11/6/98	11/7/98	2	9/11/00	9/21/00	11	6/18/03	6/18/03	1
9/4/86	9/6/86	3	8/8/91	8/12/91	5	10/23/95	12/9/95	48	11/9/98	11/18/98	10	9/23/00	9/29/00	7	6/22/03	6/23/03	2
9/8/86	9/8/86	1	8/14/91	8/14/91	1	12/13/95	12/17/95	5	11/20/98	11/25/98	6	10/3/00	10/13/00	11	6/29/03	6/29/03	1
9/10/86	9/10/86	1	8/18/91	8/29/91	12	12/22/95	1/3/96	13	11/27/98	12/21/98	25	10/15/00	10/16/00	2	7/9/03	7/9/03	1
9/12/86	9/16/86	5	8/31/91	9/1/91	2	1/18/96	2/6/96	20	12/27/98	12/27/98	1	10/18/00	10/18/00	1	9/25/03	9/27/03	3
9/18/86	1/24/87	129	9/4/91	9/4/91	1	2/9/96	7/4/96	147	12/29/98	12/29/98	1	10/20/00	10/21/00	2	9/29/03	9/29/03	1
1/27/87	5/12/87	106	9/6/91	9/7/91	2	10/18/96	10/19/96	2	1/7/99	1/8/99	2	10/23/00	11/5/00	14	10/15/03	10/17/03	3
5/14/87	5/15/87	2	9/12/91	9/12/91	1	10/21/96	10/21/96	1	1/10/99	1/10/99	1	11/7/00	7/10/01	246	10/19/03	10/20/03	2
5/17/87	5/25/87	9	9/15/91	9/16/91	2	10/24/96	10/25/96	2	1/14/99	1/14/99	1	7/12/01	7/12/01	1	10/23/03	10/23/03	1
5/28/87	5/28/87	1	9/27/91	9/27/91	1	10/27/96	10/28/96	2	1/18/99	4/1/99	74	7/15/01	7/15/01	1	10/27/03	10/27/03	1
6/2/87	6/3/87	2	10/1/91	10/1/91	1	10/31/96	11/5/96	6	4/3/99	5/30/99	58	7/18/01	7/18/01	1	10/30/03	10/30/03	1
6/5/87	6/5/87	1	10/3/91	6/12/92	254	11/7/96	11/20/96	14	6/1/99	6/6/99	6	7/22/01	7/30/01	9	11/2/03	1/16/04	76
6/22/87	6/24/87	3	6/14/92	6/16/92	3	11/22/96	11/23/96	2	6/8/99	6/8/99	1	8/1/01	8/1/01	1	1/18/04	1/20/04	3
8/17/87	8/18/87	2	6/18/92	6/23/92	6	11/25/96	11/26/96	2	6/11/99	6/12/99	2	8/3/01	8/3/01	1	1/25/04	1/29/04	5
8/23/87	8/23/87	1	6/25/92	6/26/92	2	11/29/96	12/20/96	22	6/14/99	6/14/99	1	8/17/01	8/17/01	1	2/3/04	2/4/04	2
8/26/87	9/2/87	8	6/29/92	6/29/92	1	12/22/96	1/11/97	21	6/17/99	6/17/99	1	8/19/01	9/1/01	14	2/6/04	2/6/04	1
9/4/87	9/4/87	1	7/5/92	7/6/92	2	1/14/97	7/9/97	177	6/25/99	6/26/99	2	9/3/01	9/4/01	2	2/8/04	2/8/04	1
9/10/87	10/3/87	24	7/9/92	7/9/92	1	7/11/97	7/12/97	2	6/28/99	7/15/99	18	9/6/01	9/6/01	1	2/10/04	2/10/04	1
10/5/87	10/8/87	4	7/13/92	8/18/92	37	7/15/97	7/16/97	2	7/20/99	7/21/99	2	9/9/01	9/16/01	8	2/12/04	2/12/04	1
10/10/87	10/11/87	2	8/20/92	8/20/92	1	7/18/97	7/18/97	1	7/23/99	7/23/99	1	9/18/01	6/30/02	286	2/14/04	2/14/04	1
10/13/87	10/13/87	1	8/22/92	8/22/92	1	7/22/97	7/23/97	2	7/27/99	7/27/99	1	7/3/02	7/3/02	1	2/18/04	2/18/04	1
10/20/87	11/15/87	27	8/24/92	8/25/92	2	7/25/97	7/26/97	2	8/26/99	8/26/99	1	7/9/02	7/12/02	4	2/20/04	4/21/04	62
11/17/87	5/30/88	196	8/28/92	10/4/92	38	7/28/97	7/28/97	1	11/2/99	11/2/99	1	7/15/02	7/15/02	1	4/24/04	4/29/04	6
6/2/88	6/3/88	2	10/6/92	8/17/93	316	8/12/97	8/14/97	3	12/6/99	12/10/99	5	7/29/02	8/9/02	12	5/1/04	8/1/04	93
9/5/88	9/5/88	1	8/19/93	8/21/93	3	8/16/97	8/22/97	7	12/12/99	12/12/99	1	8/11/02	8/11/02	1	8/3/04	8/8/04	6
9/19/88	8/24/89	340	8/23/93	12/27/93	127	8/24/97	8/26/97	3	12/15/99	12/18/99	4	8/15/02	8/16/02	2	8/10/04	8/10/04	1
8/27/89	8/27/89	1	12/29/93	1/9/94	12	8/28/97	8/28/97	1	12/21/99	12/21/99	1	8/18/02	8/20/02	3	8/13/04	8/14/04	2
8/30/89	12/12/89	105	1/12/94	1/16/94	5	9/2/97	9/2/97	1	12/27/99	12/27/99	1	8/22/02	8/28/02	7	8/18/04	9/9/04	23
12/14/89	12/14/89	1	1/19/94	5/25/94	127	9/4/97	9/4/97	1	12/30/99	12/30/99	1	8/30/02	8/30/02	1	9/11/04	9/11/04	1
12/18/89	12/21/89	4	5/28/94	5/30/94	3	9/10/97	10/7/97	28	1/4/00	1/4/00	1	9/2/02	9/2/02	1	9/14/04	9/14/04	1
12/24/89	12/26/89	3	6/4/94	6/4/94	1	10/9/97	10/11/97	3	1/6/00	1/7/00	2	9/21/02	9/21/02	1	9/17/04	9/18/04	2
12/29/89	7/7/90	191	6/14/94	6/19/94	6	10/13/97	10/13/97	1	1/11/00	1/14/00	4	10/5/02	10/6/02	2	10/18/04	10/20/04	3
7/9/90	7/9/90	1	6/21/94	7/30/94	40	10/15/97	10/18/97	4	2/23/00	3/8/00	15	10/24/02	10/24/02	1	10/25/04	10/26/04	2
7/11/90	7/30/90	20	8/1/94	8/2/94	2	10/20/97	10/20/97	1	3/11/00	3/11/00	1	11/7/02	11/7/02	1	10/29/04	11/30/04	33

**Appendix C-8**  
**Number of Consecutive Days Where Estimated Inundation Depths At Stake G Were Greater Than Zero Feet Between 1985 and 2004**

Stake G		
Start Date	Stop Date	No. of Days
1/1/85	1/15/85	15
1/17/85	1/22/85	6
2/22/85	5/22/85	90
5/28/85	6/6/85	10
7/15/85	7/18/85	4
9/10/85	9/12/85	3
10/20/85	11/5/85	17
11/11/85	12/18/85	38
12/20/85	12/25/85	6
12/31/85	1/6/86	7
1/11/86	1/13/86	3
1/18/86	1/27/86	10
2/1/86	4/29/86	88
5/1/86	5/4/86	4
5/6/86	5/6/86	1
5/8/86	5/10/86	3
5/17/86	5/17/86	1
5/19/86	6/3/86	16
6/5/86	6/24/86	20
7/12/86	7/24/86	13
8/29/86	8/29/86	1
9/25/86	11/11/86	48
11/13/86	11/13/86	1
11/18/86	11/19/86	2
11/22/86	1/4/87	44
1/7/87	1/11/87	5
1/14/87	1/23/87	10
1/29/87	2/1/87	4
2/10/87	2/12/87	3
2/28/87	3/23/87	24
3/25/87	3/29/87	5
4/1/87	4/10/87	10
4/13/87	4/22/87	10
8/27/87	8/30/87	4
11/26/87	1/2/88	38
1/4/88	1/5/88	2
1/11/88	1/12/88	2
1/18/88	2/6/88	20
2/8/88	5/3/88	86
9/21/88	9/29/88	9
10/18/88	11/2/88	16
11/7/88	12/11/88	35
12/14/88	12/17/88	4
12/20/88	2/8/89	51
2/12/89	2/16/89	5
3/6/89	3/6/89	1
3/9/89	5/2/89	55
5/19/89	5/19/89	1
5/22/89	5/23/89	2
5/26/89	7/6/89	42
9/3/89	9/5/89	3

Stake G		
Start Date	Stop Date	No. of Days
9/8/89	9/19/89	12
11/15/89	12/4/89	20
12/6/89	12/6/89	1
1/5/90	6/7/90	154
6/29/90	7/4/90	6
7/20/90	7/23/90	4
7/25/90	7/26/90	2
8/21/90	8/25/90	5
10/5/90	10/6/90	2
10/9/90	10/30/90	22
11/5/90	6/6/91	214
8/21/91	8/21/91	1
8/23/91	8/23/91	1
10/5/91	10/9/91	5
10/27/91	11/7/91	12
11/9/91	11/9/91	1
11/16/91	1/17/92	63
1/21/92	2/9/92	20
2/17/92	5/12/92	86
5/14/92	5/14/92	1
8/1/92	8/6/92	6
9/10/92	9/15/92	6
10/15/92	10/30/92	16
11/3/92	12/26/92	54
12/29/92	5/20/93	143
5/25/93	5/27/93	3
6/1/93	7/6/93	36
7/10/93	7/16/93	7
7/19/93	7/27/93	9
8/8/93	8/8/93	1
9/1/93	9/10/93	10
9/15/93	12/25/93	102
1/21/94	1/21/94	1
1/29/94	2/1/94	4
2/3/94	2/8/94	6
2/20/94	4/24/94	64
4/28/94	5/13/94	16
6/24/94	7/3/94	10
7/5/94	7/14/94	10
8/12/94	8/27/94	16
11/2/94	11/21/94	20
11/29/94	1/3/95	36
1/14/95	2/5/95	23
2/27/95	3/3/95	5
3/7/95	4/2/95	27
4/9/95	5/19/95	41
5/25/95	6/2/95	9
6/29/95	7/1/95	3
8/7/95	8/7/95	1
8/19/95	8/23/95	5
11/12/95	12/4/95	23

Stake G		
Start Date	Stop Date	No. of Days
1/20/96	1/27/96	8
2/28/96	3/6/96	8
4/16/96	4/17/96	2
4/20/96	5/4/96	15
5/6/96	5/7/96	2
5/10/96	5/19/96	10
5/21/96	5/25/96	5
6/10/96	6/13/96	4
6/18/96	6/28/96	11
11/10/96	11/10/96	1
12/24/96	12/26/96	3
12/28/96	1/7/97	11
1/23/97	2/2/97	11
2/5/97	2/10/97	6
2/20/97	4/27/97	67
5/5/97	6/8/97	35
6/21/97	6/30/97	10
9/11/97	9/12/97	2
9/18/97	9/26/97	9
11/2/97	11/8/97	7
12/26/97	12/30/97	5
1/4/98	2/8/98	36
2/10/98	5/18/98	98
6/14/98	6/14/98	1
6/27/98	6/28/98	2
7/9/98	7/11/98	3
7/22/98	7/23/98	2
11/14/98	11/14/98	1
1/23/99	2/19/99	28
3/19/99	3/25/99	7
4/6/99	5/8/99	33
7/1/99	7/7/99	7
2/27/00	3/1/00	4
3/3/00	3/3/00	1
4/21/00	4/29/00	9
5/10/00	6/7/00	29
6/14/00	6/18/00	5
6/26/00	7/1/00	6
10/6/00	10/9/00	4
11/13/00	11/24/00	12
11/26/00	12/7/00	12
12/16/00	12/18/00	3
12/21/00	12/21/00	1
12/25/00	12/25/00	1
12/30/00	12/30/00	1
1/17/01	1/17/01	1
1/19/01	1/19/01	1
1/31/01	5/5/01	95
5/15/01	6/29/01	46
8/22/01	8/29/01	8
9/10/01	9/10/01	1

Stake G		
Start Date	Stop Date	No. of Days
9/22/01	9/28/01	7
10/5/01	6/11/02	250
6/13/02	6/13/02	1
8/3/02	8/4/02	2
8/24/02	8/24/02	1
3/17/03	3/28/03	12
4/4/03	4/18/03	15
5/2/03	5/23/03	22
11/4/03	11/9/03	6
11/19/03	12/4/03	16
1/2/04	1/6/04	5
2/29/04	4/6/04	38
5/11/04	6/24/04	45
7/5/04	7/5/04	1
7/7/04	7/7/04	1
7/23/04	7/23/04	1
8/28/04	9/1/04	5
11/2/04	11/2/04	1
11/4/04	11/8/04	5
11/28/04	11/30/04	3

**Appendix C-9**  
**Number of Consecutive Days Where Estimated Inundation Depths At Stake H Were Greater Than Zero Feet Between 1985 and 2004**

Stake H		
Start Date	Stop Date	No. of Days
1/1/85	1/14/85	14
2/23/85	5/2/85	69
5/6/85	5/12/85	7
5/14/85	5/14/85	1
5/30/85	6/2/85	4
7/15/85	7/16/85	2
9/10/85	9/11/85	2
10/20/85	10/27/85	8
11/11/85	12/17/85	37
12/22/85	12/25/85	4
12/31/85	1/1/86	2
1/19/86	1/26/86	8
2/2/86	2/12/86	11
2/14/86	2/16/86	3
2/19/86	4/25/86	66
4/27/86	4/28/86	2
5/2/86	5/3/86	2
5/19/86	5/26/86	8
5/28/86	5/31/86	4
6/2/86	6/2/86	1
6/6/86	6/22/86	17
7/12/86	7/22/86	11
9/25/86	10/26/86	32
10/28/86	11/1/86	5
11/3/86	11/4/86	2
11/27/86	12/21/86	25
3/3/87	3/12/87	10
4/16/87	4/20/87	5
4/22/87	4/22/87	1
8/28/87	8/29/87	2
12/1/87	12/5/87	5
12/10/87	1/1/88	23
1/19/88	1/26/88	8
1/30/88	2/6/88	8
2/10/88	2/11/88	2
2/15/88	2/19/88	5
2/21/88	2/24/88	4
2/26/88	3/6/88	10
3/9/88	3/19/88	11
3/27/88	4/20/88	25
4/24/88	4/27/88	4
4/29/88	4/29/88	1
9/23/88	9/28/88	6
10/20/88	10/27/88	8
10/29/88	10/29/88	1
11/8/88	12/10/88	33
12/24/88	1/3/89	11
1/8/89	1/17/89	10
1/29/89	2/5/89	8
3/14/89	4/23/89	41
5/31/89	6/25/89	26

Stake H		
Start Date	Stop Date	No. of Days
6/27/89	7/2/89	6
9/4/89	9/4/89	1
9/9/89	9/15/89	7
11/16/89	11/26/89	11
1/7/90	1/13/90	7
1/18/90	2/16/90	30
2/18/90	2/18/90	1
2/23/90	5/1/90	68
5/5/90	6/1/90	28
6/30/90	7/2/90	3
7/21/90	7/21/90	1
10/10/90	10/24/90	15
11/5/90	11/19/90	15
11/27/90	12/25/90	29
12/29/90	1/31/91	34
2/3/91	2/15/91	13
2/18/91	5/18/91	90
5/26/91	5/31/91	6
10/27/91	11/6/91	11
11/21/91	12/26/91	36
12/31/91	1/16/92	17
1/22/92	1/25/92	4
1/27/92	1/27/92	1
2/18/92	4/11/92	54
4/17/92	5/7/92	21
8/1/92	8/6/92	6
9/11/92	9/14/92	4
10/16/92	10/26/92	11
11/3/92	12/8/92	36
12/12/92	12/25/92	14
12/30/92	2/10/93	43
2/14/93	2/15/93	2
3/5/93	5/14/93	71
6/8/93	6/17/93	10
6/20/93	7/5/93	16
7/10/93	7/12/93	3
9/4/93	9/7/93	4
9/15/93	9/22/93	8
9/27/93	10/5/93	9
10/17/93	11/8/93	23
11/28/93	12/11/93	14
1/31/94	1/31/94	1
2/21/94	4/4/94	43
4/13/94	4/21/94	9
4/29/94	5/6/94	8
5/8/94	5/8/94	1
6/24/94	7/3/94	10
7/6/94	7/11/94	6
8/12/94	8/25/94	14
11/2/94	11/17/94	16
11/29/94	12/13/94	15

Stake H		
Start Date	Stop Date	No. of Days
12/16/94	12/29/94	14
1/14/95	1/31/95	18
3/8/95	3/22/95	15
3/29/95	3/30/95	2
4/10/95	5/7/95	28
5/11/95	5/18/95	8
5/26/95	6/1/95	7
8/20/95	8/22/95	3
11/12/95	11/22/95	11
11/28/95	11/30/95	3
1/22/96	1/25/96	4
2/29/96	3/5/96	6
4/16/96	4/16/96	1
4/21/96	5/4/96	14
5/11/96	5/18/96	8
5/21/96	5/22/96	2
5/24/96	5/25/96	2
6/11/96	6/12/96	2
6/18/96	6/27/96	10
12/24/96	12/25/96	2
12/28/96	12/29/96	2
12/31/96	12/31/96	1
1/2/97	1/2/97	1
1/24/97	1/31/97	8
2/21/97	4/19/97	58
5/7/97	5/14/97	8
5/19/97	5/27/97	9
6/5/97	6/6/97	2
6/22/97	6/28/97	7
9/11/97	9/11/97	1
9/18/97	9/25/97	8
1/5/98	1/21/98	17
1/23/98	1/23/98	1
1/29/98	2/7/98	10
2/12/98	5/15/98	93
6/27/98	6/28/98	2
7/9/98	7/11/98	3
1/23/99	2/9/99	18
2/11/99	2/14/99	4
3/20/99	3/23/99	4
4/9/99	4/17/99	9
4/19/99	4/19/99	1
4/22/99	5/4/99	13
7/2/99	7/5/99	4
4/21/00	4/28/00	8
5/11/00	5/12/00	2
5/18/00	6/5/00	19
6/14/00	6/15/00	2
6/27/00	6/29/00	3
11/15/00	11/15/00	1
11/17/00	11/21/00	5

Stake H		
Start Date	Stop Date	No. of Days
11/26/00	12/3/00	8
12/17/00	12/17/00	1
2/1/01	3/27/01	55
4/8/01	4/14/01	7
4/18/01	4/18/01	1
4/21/01	5/1/01	11
5/15/01	6/26/01	43
8/23/01	8/26/01	4
9/22/01	9/26/01	5
10/6/01	10/9/01	4
10/12/01	11/17/01	37
11/20/01	11/20/01	1
11/27/01	12/11/01	15
12/15/01	1/2/02	19
1/6/02	1/7/02	2
1/10/02	4/30/02	111
5/2/02	6/7/02	37
3/17/03	3/24/03	8
4/4/03	4/15/03	12
5/3/03	5/3/03	1
5/5/03	5/20/03	16
11/4/03	11/8/03	5
11/19/03	12/1/03	13
3/1/04	4/3/04	34
5/11/04	6/8/04	29
6/11/04	6/22/04	12
8/28/04	8/30/04	3
11/5/04	11/7/04	3
11/28/04	11/30/04	3

**Appendix C-10**  
**Number of Consecutive Days Where Estimated Inundation Depths At Stake I Were Greater Than Zero Feet Between 1985 and 2004**

Stake I		
Start Date	Stop Date	No. of Days
1/1/85	1/22/85	22
1/26/85	1/27/85	2
2/22/85	5/22/85	90
5/28/85	6/6/85	10
7/15/85	7/18/85	4
9/10/85	9/12/85	3
10/20/85	11/5/85	17
11/11/85	12/26/85	46
12/30/85	1/6/86	8
1/11/86	1/13/86	3
1/18/86	1/27/86	10
1/31/86	5/10/86	100
5/16/86	6/3/86	19
6/5/86	6/24/86	20
7/11/86	7/24/86	14
8/28/86	8/29/86	2
9/25/86	11/11/86	48
11/13/86	11/14/86	2
11/18/86	11/19/86	2
11/22/86	1/4/87	44
1/7/87	1/11/87	5
1/14/87	1/23/87	10
1/29/87	2/5/87	8
2/9/87	2/14/87	6
2/21/87	2/21/87	1
2/28/87	3/29/87	30
4/1/87	4/10/87	10
4/13/87	4/24/87	12
8/27/87	8/30/87	4
9/22/87	9/22/87	1
11/26/87	1/2/88	38
1/4/88	1/5/88	2
1/11/88	1/12/88	2
1/18/88	2/6/88	20
2/8/88	5/3/88	86
9/21/88	9/29/88	9
10/4/88	10/4/88	1
10/18/88	11/2/88	16
11/7/88	12/11/88	35
12/14/88	12/17/88	4
12/20/88	2/8/89	51
2/11/89	2/16/89	6
2/26/89	2/26/89	1
3/6/89	3/6/89	1
3/9/89	5/2/89	55
5/7/89	5/7/89	1
5/19/89	5/19/89	1
5/22/89	5/23/89	2
5/26/89	7/6/89	42
7/28/89	7/28/89	1
8/6/89	8/6/89	1

Stake I		
Start Date	Stop Date	No. of Days
9/2/89	9/21/89	20
11/15/89	12/4/89	20
12/6/89	12/6/89	1
1/5/90	6/7/90	154
6/10/90	6/10/90	1
6/29/90	7/4/90	6
7/20/90	7/27/90	8
8/21/90	8/25/90	5
10/5/90	10/6/90	2
10/9/90	10/30/90	22
11/5/90	6/6/91	214
6/8/91	6/8/91	1
6/13/91	6/13/91	1
8/10/91	8/10/91	1
8/21/91	8/21/91	1
8/23/91	8/23/91	1
10/5/91	10/10/91	6
10/26/91	11/11/91	17
11/15/91	2/12/92	90
2/15/92	5/16/92	92
7/15/92	7/15/92	1
7/17/92	7/18/92	2
7/27/92	7/27/92	1
8/1/92	8/10/92	10
9/10/92	9/16/92	7
9/24/92	9/24/92	1
10/15/92	10/31/92	17
11/3/92	12/26/92	54
12/29/92	5/21/93	144
5/25/93	5/29/93	5
6/1/93	7/8/93	38
7/10/93	7/17/93	8
7/19/93	7/29/93	11
8/8/93	8/9/93	2
8/29/93	8/29/93	1
9/1/93	9/11/93	11
9/15/93	12/25/93	102
12/31/93	1/1/94	2
1/13/94	1/14/94	2
1/21/94	1/22/94	2
1/29/94	2/8/94	11
2/10/94	2/10/94	1
2/20/94	4/24/94	64
4/28/94	5/13/94	16
6/24/94	7/16/94	23
8/12/94	8/29/94	18
11/2/94	11/24/94	23
11/29/94	1/3/95	36
1/10/95	1/11/95	2
1/13/95	2/5/95	24
2/16/95	2/17/95	2

Stake I		
Start Date	Stop Date	No. of Days
2/23/95	5/20/95	87
5/24/95	6/3/95	11
6/29/95	7/1/95	3
8/7/95	8/7/95	1
8/19/95	8/24/95	6
11/11/95	12/5/95	25
12/13/95	12/13/95	1
1/20/96	1/28/96	9
2/28/96	3/6/96	8
3/15/96	3/16/96	2
3/18/96	3/18/96	1
4/16/96	4/18/96	3
4/20/96	5/8/96	19
5/10/96	5/19/96	10
5/21/96	5/25/96	5
5/27/96	5/28/96	2
6/10/96	6/13/96	4
6/18/96	6/28/96	11
11/9/96	11/11/96	3
12/24/96	12/26/96	3
12/28/96	1/7/97	11
1/23/97	2/2/97	11
2/4/97	2/10/97	7
2/20/97	6/9/97	110
6/21/97	7/2/97	12
9/11/97	9/13/97	3
9/17/97	9/26/97	10
11/1/97	11/9/97	9
12/26/97	12/31/97	6
1/4/98	5/18/98	135
6/14/98	6/15/98	2
6/27/98	6/28/98	2
7/8/98	7/11/98	4
7/22/98	7/23/98	2
11/14/98	11/14/98	1
12/8/98	12/9/98	2
1/23/99	2/20/99	29
3/3/99	3/7/99	5
3/19/99	3/26/99	8
4/5/99	5/10/99	36
6/30/99	7/7/99	8
2/27/00	3/1/00	4
3/3/00	3/3/00	1
4/21/00	4/30/00	10
5/10/00	6/8/00	30
6/14/00	6/19/00	6
6/26/00	7/1/00	6
8/8/00	8/8/00	1
10/6/00	10/9/00	4
11/1/00	11/1/00	1
11/13/00	12/7/00	25

Stake I		
Start Date	Stop Date	No. of Days
12/12/00	12/12/00	1
12/16/00	12/18/00	3
12/21/00	12/21/00	1
12/25/00	12/25/00	1
12/29/00	12/30/00	2
1/7/01	1/7/01	1
1/12/01	1/12/01	1
1/17/01	1/17/01	1
1/19/01	1/19/01	1
1/24/01	1/24/01	1
1/30/01	5/5/01	96
5/8/01	5/8/01	1
5/12/01	5/12/01	1
5/15/01	6/29/01	46
8/22/01	8/29/01	8
9/10/01	9/11/01	2
9/22/01	9/29/01	8
10/5/01	6/11/02	250
6/13/02	6/13/02	1
8/2/02	8/4/02	3
8/24/02	8/24/02	1
3/16/03	3/29/03	14
4/1/03	4/1/03	1
4/4/03	4/19/03	16
5/2/03	5/24/03	23
11/3/03	11/11/03	9
11/19/03	12/4/03	16
1/2/04	1/7/04	6
2/29/04	4/8/04	40
5/11/04	6/25/04	46
7/5/04	7/5/04	1
7/7/04	7/7/04	1
7/22/04	7/23/04	2
8/26/04	9/1/04	7
11/2/04	11/8/04	7
11/27/04	11/30/04	4

Appendix C-11

Number of Consecutive Days Where Estimated Inundation Depths At Stake J Were Greater Than Zero Feet Between 1985 and 2004

Stake J		
Start Date	Stop Date	No. of Days
1/1/85	6/27/85	178
7/14/85	7/22/85	9
8/16/85	8/17/85	2
8/20/85	8/20/85	1
8/28/85	8/28/85	1
9/9/85	9/15/85	7
9/23/85	9/23/85	1
10/15/85	10/15/85	1
10/20/85	7/7/86	261
7/9/86	7/31/86	23
8/8/86	8/14/86	7
8/27/86	8/31/86	5
9/5/86	9/6/86	2
9/13/86	9/14/86	2
9/16/86	9/16/86	1
9/23/86	1/24/87	124
1/28/87	5/11/87	104
5/15/87	5/15/87	1
5/21/87	5/24/87	4
6/22/87	6/23/87	2
8/27/87	9/2/87	7
9/10/87	9/13/87	4
9/15/87	9/25/87	11
9/30/87	10/2/87	3
10/20/87	10/21/87	2
10/23/87	10/23/87	1
10/26/87	11/6/87	12
11/9/87	11/9/87	1
11/25/87	5/26/88	184
5/30/88	5/30/88	1
9/20/88	10/7/88	18
10/9/88	10/9/88	1
10/11/88	10/11/88	1
10/17/88	2/9/89	116
2/11/89	2/24/89	14
2/26/89	7/15/89	140
7/19/89	8/13/89	26
8/15/89	8/15/89	1
8/30/89	9/26/89	28
9/28/89	9/29/89	2
10/12/89	10/12/89	1
10/17/89	10/17/89	1
10/20/89	11/4/89	16
11/7/89	12/12/89	36
12/18/89	12/19/89	2
12/31/89	6/16/90	168
6/20/90	7/7/90	18
7/9/90	7/9/90	1
7/11/90	7/11/90	1
7/15/90	7/15/90	1
7/17/90	7/30/90	14

Stake J		
Start Date	Stop Date	No. of Days
8/14/90	8/14/90	1
8/19/90	8/27/90	9
9/7/90	9/8/90	2
9/11/90	9/11/90	1
9/16/90	9/26/90	11
10/4/90	6/9/91	249
6/11/91	6/19/91	9
6/23/91	6/23/91	1
7/2/91	7/4/91	3
7/7/91	7/7/91	1
7/9/91	7/10/91	2
7/15/91	7/15/91	1
7/22/91	7/23/91	2
8/9/91	8/11/91	3
8/19/91	8/24/91	6
9/15/91	9/15/91	1
10/4/91	10/12/91	9
10/14/91	10/20/91	7
10/23/91	5/27/92	218
5/29/92	6/11/92	14
6/18/92	6/20/92	3
6/22/92	6/23/92	2
6/26/92	6/26/92	1
7/14/92	8/12/92	30
8/14/92	8/14/92	1
8/29/92	9/2/92	5
9/9/92	10/4/92	26
10/8/92	8/3/93	300
8/5/93	8/5/93	1
8/7/93	8/13/93	7
8/15/93	8/16/93	2
8/20/93	8/21/93	2
8/24/93	8/26/93	3
8/28/93	12/26/93	121
12/30/93	1/9/94	11
1/12/94	1/16/94	5
1/19/94	1/26/94	8
1/28/94	5/19/94	112
5/21/94	5/22/94	2
5/24/94	5/24/94	1
6/14/94	6/19/94	6
6/21/94	6/21/94	1
6/24/94	7/19/94	26
7/21/94	7/24/94	4
7/26/94	7/27/94	2
7/29/94	7/29/94	1
8/5/94	8/6/94	2
8/11/94	9/3/94	24
9/30/94	10/5/94	6
10/10/94	10/11/94	2
10/15/94	10/15/94	1

Stake J		
Start Date	Stop Date	No. of Days
10/20/94	10/21/94	2
10/25/94	10/25/94	1
11/1/94	1/6/95	67
1/9/95	2/8/95	31
2/10/95	2/12/95	3
2/15/95	6/6/95	112
6/8/95	6/17/95	10
6/27/95	7/7/95	11
7/24/95	7/27/95	4
8/5/95	8/14/95	10
8/18/95	8/26/95	9
10/27/95	12/9/95	44
12/13/95	12/17/95	5
12/22/95	12/24/95	3
1/19/96	1/30/96	12
2/10/96	2/16/96	7
2/23/96	2/24/96	2
2/26/96	3/9/96	13
3/11/96	4/3/96	24
4/5/96	4/6/96	2
4/14/96	7/2/96	80
10/31/96	11/4/96	5
11/7/96	11/17/96	11
12/1/96	12/19/96	19
12/23/96	1/10/97	19
1/15/97	1/17/97	3
1/20/97	1/20/97	1
1/22/97	6/10/97	140
6/12/97	6/14/97	3
6/17/97	6/19/97	3
6/21/97	7/5/97	15
7/8/97	7/8/97	1
7/12/97	7/12/97	1
7/16/97	7/16/97	1
7/23/97	7/23/97	1
8/13/97	8/14/97	2
8/17/97	8/21/97	5
8/24/97	8/24/97	1
9/10/97	10/6/97	27
10/9/97	10/10/97	2
10/24/97	10/24/97	1
10/27/97	11/18/97	23
11/20/97	11/21/97	2
11/23/97	11/24/97	2
11/26/97	5/31/98	187
6/2/98	6/7/98	6
6/9/98	6/22/98	14
6/24/98	6/24/98	1
6/26/98	7/2/98	7
7/5/98	7/15/98	11
7/18/98	7/19/98	2

Stake J		
Start Date	Stop Date	No. of Days
7/21/98	7/29/98	9
8/8/98	8/14/98	7
8/17/98	8/17/98	1
10/8/98	10/10/98	3
11/2/98	11/4/98	3
11/11/98	11/16/98	6
12/7/98	12/13/98	7
12/17/98	12/17/98	1
1/18/99	2/23/99	37
2/25/99	2/26/99	2
2/28/99	3/11/99	12
3/13/99	3/15/99	3
3/17/99	3/29/99	13
3/31/99	4/1/99	2
4/4/99	5/14/99	41
5/16/99	5/16/99	1
5/18/99	5/23/99	6
5/25/99	5/27/99	3
5/29/99	5/30/99	2
6/1/99	6/2/99	2
6/28/99	7/12/99	15
12/6/99	12/7/99	2
12/17/99	12/17/99	1
12/21/99	12/21/99	1
1/12/00	1/12/00	1
2/25/00	3/5/00	10
3/21/00	3/23/00	3
4/10/00	4/11/00	2
4/20/00	5/5/00	16
5/7/00	5/7/00	1
5/9/00	6/11/00	34
6/13/00	7/13/00	31
7/15/00	7/15/00	1
7/31/00	8/1/00	2
8/4/00	8/4/00	1
8/7/00	8/10/00	4
8/28/00	8/29/00	2
9/11/00	9/17/00	7
9/24/00	9/25/00	2
10/4/00	10/13/00	10
10/15/00	10/15/00	1
10/25/00	10/31/00	7
11/10/00	12/13/00	34
12/15/00	1/9/01	26
1/11/01	7/5/01	176
7/22/01	7/23/01	2
7/25/01	7/29/01	5
8/17/01	8/17/01	1
8/20/01	9/1/01	13
9/3/01	9/3/01	1
9/9/01	9/15/01	7

Stake J		
Start Date	Stop Date	No. of Days
9/20/01	10/3/01	14
10/5/01	6/22/02	261
6/24/02	6/24/02	1
6/26/02	6/26/02	1
6/28/02	6/28/02	1
6/30/02	6/30/02	1
7/9/02	7/10/02	2
7/30/02	8/7/02	9
8/23/02	8/27/02	5
10/6/02	10/6/02	1
11/11/02	11/11/02	1
11/22/02	11/22/02	1
12/19/02	12/25/02	7
12/28/02	12/28/02	1
12/31/02	12/31/02	1
1/2/03	1/4/03	3
1/7/03	1/7/03	1
2/5/03	2/5/03	1
3/15/03	4/28/03	45
5/1/03	6/4/03	35
6/7/03	6/7/03	1
6/11/03	6/13/03	3
9/26/03	9/26/03	1
10/15/03	10/17/03	3
11/3/03	11/16/03	14
11/18/03	1/14/04	58
2/22/04	4/18/04	57
4/21/04	4/21/04	1
4/25/04	4/26/04	2
5/1/04	6/29/04	60
7/1/04	7/1/04	1
7/4/04	7/12/04	9
7/14/04	7/15/04	2
7/22/04	7/25/04	4
7/28/04	7/28/04	1
7/31/04	7/31/04	1
8/19/04	8/20/04	2
8/25/04	9/5/04	12
9/8/04	9/8/04	1
10/30/04	10/30/04	1
11/1/04	11/13/04	13
11/19/04	11/23/04	5
11/25/04	11/30/04	6

**Appendix C-12**  
**Number of Consecutive Days Where Estimated Inundation Depths At Stake K Were Greater Than Zero Feet Between 1985 and 2004**

Stake K		
Start Date	Stop Date	No. of Days
1/1/85	1/15/85	15
1/18/85	1/18/85	1
2/23/85	5/2/85	69
5/5/85	5/14/85	10
5/17/85	5/19/85	3
5/21/85	5/21/85	1
5/30/85	6/5/85	7
7/15/85	7/17/85	3
9/10/85	9/11/85	2
10/20/85	10/28/85	9
10/30/85	11/4/85	6
11/11/85	12/17/85	37
12/21/85	12/25/85	5
12/31/85	1/1/86	2
1/3/86	1/5/86	3
1/12/86	1/12/86	1
1/19/86	1/26/86	8
2/1/86	2/12/86	12
2/14/86	2/16/86	3
2/19/86	4/28/86	69
5/1/86	5/3/86	3
5/19/86	6/2/86	15
6/5/86	6/23/86	19
7/12/86	7/23/86	12
9/25/86	10/26/86	32
10/28/86	11/5/86	9
11/7/86	11/7/86	1
11/26/86	12/25/86	30
1/29/87	1/29/87	1
3/2/87	3/13/87	12
4/15/87	4/22/87	8
8/28/87	8/30/87	3
11/30/87	1/2/88	34
1/5/88	1/5/88	1
1/18/88	2/6/88	20
2/9/88	2/11/88	3
2/13/88	3/21/88	38
3/25/88	4/30/88	37
5/3/88	5/3/88	1
9/21/88	9/21/88	1
9/23/88	9/28/88	6
10/19/88	10/30/88	12
11/8/88	12/11/88	34
12/24/88	1/6/89	14
1/8/89	1/22/89	15
1/27/89	2/5/89	10
2/12/89	2/13/89	2
3/14/89	4/24/89	42
4/26/89	4/28/89	3
5/31/89	7/4/89	35
9/4/89	9/4/89	1

Stake K		
Start Date	Stop Date	No. of Days
9/9/89	9/16/89	8
11/15/89	12/1/89	17
1/6/90	1/15/90	10
1/17/90	2/19/90	34
2/21/90	5/2/90	71
5/5/90	6/2/90	29
6/30/90	7/2/90	3
7/21/90	7/22/90	2
7/25/90	7/25/90	1
10/10/90	10/26/90	17
11/5/90	11/23/90	19
11/25/90	12/25/90	31
12/29/90	5/20/91	143
5/26/91	6/2/91	8
6/4/91	6/4/91	1
10/7/91	10/8/91	2
10/27/91	11/7/91	12
11/20/91	1/16/92	58
1/22/92	1/30/92	9
2/18/92	5/8/92	81
8/1/92	8/6/92	6
9/11/92	9/15/92	5
10/16/92	10/27/92	12
11/3/92	12/25/92	53
12/30/92	2/18/93	51
2/23/93	2/24/93	2
2/26/93	2/28/93	3
3/4/93	5/16/93	74
5/26/93	5/27/93	2
6/7/93	7/5/93	29
7/10/93	7/14/93	5
7/21/93	7/22/93	2
9/3/93	9/8/93	6
9/15/93	9/24/93	10
9/27/93	10/7/93	11
10/13/93	10/13/93	1
10/17/93	11/11/93	26
11/16/93	11/22/93	7
11/27/93	12/12/93	16
1/30/94	2/1/94	3
2/21/94	4/6/94	45
4/13/94	4/21/94	9
4/28/94	5/9/94	12
6/24/94	7/3/94	10
7/6/94	7/13/94	8
8/12/94	8/26/94	15
11/2/94	11/18/94	17
11/29/94	12/30/94	32
1/14/95	2/1/95	19
3/8/95	3/22/95	15
3/24/95	4/1/95	9

Stake K		
Start Date	Stop Date	No. of Days
4/10/95	5/7/95	28
5/10/95	5/19/95	10
5/26/95	6/2/95	8
6/30/95	6/30/95	1
8/19/95	8/22/95	4
11/12/95	11/23/95	12
11/27/95	12/2/95	6
1/21/96	1/26/96	6
2/28/96	3/6/96	8
4/16/96	4/17/96	2
4/20/96	5/4/96	15
5/11/96	5/18/96	8
5/21/96	5/25/96	5
6/10/96	6/12/96	3
6/18/96	6/28/96	11
12/24/96	12/25/96	2
12/28/96	12/31/96	4
1/2/97	1/2/97	1
1/24/97	2/1/97	9
2/5/97	2/6/97	2
2/8/97	2/9/97	2
2/21/97	4/22/97	61
5/6/97	5/27/97	22
5/31/97	5/31/97	1
6/3/97	6/6/97	4
6/22/97	6/28/97	7
9/11/97	9/11/97	1
9/18/97	9/26/97	9
12/27/97	12/27/97	1
1/5/98	1/24/98	20
1/29/98	2/7/98	10
2/12/98	5/16/98	94
6/27/98	6/28/98	2
7/9/98	7/11/98	3
7/23/98	7/23/98	1
1/23/99	2/9/99	18
2/11/99	2/14/99	4
3/20/99	3/23/99	4
4/8/99	4/20/99	13
4/22/99	5/5/99	14
7/2/99	7/5/99	4
2/28/00	2/29/00	2
4/21/00	4/29/00	9
5/11/00	5/14/00	4
5/18/00	6/6/00	20
6/14/00	6/16/00	3
6/26/00	6/30/00	5
11/15/00	11/24/00	10
11/26/00	12/5/00	10
12/17/00	12/17/00	1
1/17/01	1/17/01	1

Stake K		
Start Date	Stop Date	No. of Days
1/31/01	5/2/01	92
5/15/01	6/27/01	44
8/22/01	8/28/01	7
9/22/01	9/27/01	6
10/5/01	11/23/01	50
11/25/01	1/3/02	40
1/5/02	6/9/02	156
8/3/02	8/3/02	1
3/17/03	3/26/03	10
4/4/03	4/15/03	12
5/2/03	5/21/03	20
11/4/03	11/9/03	6
11/19/03	12/2/03	14
3/1/04	4/3/04	34
5/11/04	6/23/04	44
7/5/04	7/5/04	1
7/23/04	7/23/04	1
8/28/04	8/31/04	4
11/4/04	11/7/04	4
11/28/04	11/30/04	3

**Appendix C-13**  
**Number of Consecutive Days Where Estimated Inundation Depths At Stake L**  
**Were Greater Than Zero Feet Between 1985 and 2004**

Stake L		
Start Date	Stop Date	No. of Days
1/1/85	1/9/85	9
2/23/85	4/28/85	65
5/7/85	5/8/85	2
7/15/85	7/16/85	2
10/21/85	10/26/85	6
11/14/85	12/13/85	30
1/21/86	1/25/86	5
2/6/86	2/11/86	6
2/20/86	2/28/86	9
3/11/86	3/31/86	21
4/3/86	4/3/86	1
4/5/86	4/5/86	1
4/7/86	4/8/86	2
5/20/86	5/24/86	5
5/29/86	5/29/86	1
6/6/86	6/20/86	15
7/13/86	7/20/86	8
9/26/86	10/18/86	23
10/20/86	10/20/86	1
11/28/86	12/1/86	4
12/3/86	12/6/86	4
12/8/86	12/8/86	1
12/10/86	12/13/86	4
3/4/87	3/7/87	4
3/9/87	3/9/87	1
12/14/87	12/14/87	1
12/16/87	12/29/87	14
1/20/88	1/25/88	6
2/1/88	2/5/88	5
2/16/88	2/16/88	1
3/14/88	3/14/88	1
3/31/88	4/1/88	2
4/3/88	4/15/88	13
9/23/88	9/26/88	4
11/10/88	12/2/88	23
1/11/89	1/14/89	4
2/1/89	2/2/89	2
3/15/89	4/12/89	29
5/31/89	6/18/89	19
6/22/89	6/22/89	1
6/28/89	6/28/89	1
11/16/89	11/22/89	7
1/18/90	1/23/90	6
1/26/90	1/30/90	5
2/23/90	3/6/90	12
3/10/90	3/28/90	19
3/31/90	4/8/90	9
4/11/90	4/19/90	9
4/21/90	4/27/90	7
5/16/90	5/28/90	13
10/10/90	10/19/90	10

Stake L		
Start Date	Stop Date	No. of Days
11/6/90	11/14/90	9
11/28/90	12/12/90	15
12/14/90	12/24/90	11
12/30/90	1/13/91	15
1/16/91	1/22/91	7
1/24/91	1/24/91	1
2/6/91	2/12/91	7
2/21/91	2/26/91	6
3/3/91	3/11/91	9
3/20/91	3/20/91	1
3/23/91	5/5/91	44
5/8/91	5/9/91	2
10/27/91	11/3/91	8
11/22/91	11/25/91	4
11/29/91	12/19/91	21
1/6/92	1/15/92	10
2/21/92	2/28/92	8
3/11/92	3/15/92	5
3/20/92	3/22/92	3
3/26/92	4/3/92	9
4/24/92	5/3/92	10
8/2/92	8/3/92	2
10/17/92	10/22/92	6
11/4/92	11/9/92	6
11/12/92	12/2/92	21
12/17/92	12/21/92	5
12/31/92	1/18/93	19
1/21/93	1/31/93	11
3/9/93	3/14/93	6
3/18/93	5/10/93	54
6/9/93	6/13/93	5
6/15/93	6/16/93	2
6/21/93	7/1/93	11
9/16/93	9/17/93	2
9/29/93	10/3/93	5
10/17/93	10/31/93	15
2/21/94	3/2/94	10
3/7/94	3/17/94	11
3/22/94	3/30/94	9
4/14/94	4/18/94	5
4/30/94	5/4/94	5
6/25/94	7/1/94	7
7/6/94	7/8/94	3
8/13/94	8/23/94	11
11/5/94	11/14/94	10
12/18/94	12/24/94	7
1/15/95	1/17/95	3
1/19/95	1/27/95	9
3/9/95	3/21/95	13
4/11/95	4/15/95	5
4/28/95	4/28/95	1

Stake L		
Start Date	Stop Date	No. of Days
5/11/95	5/13/95	3
11/13/95	11/17/95	5
3/1/96	3/5/96	5
4/22/96	4/27/96	6
5/11/96	5/13/96	3
6/19/96	6/24/96	6
2/21/97	3/11/97	19
3/14/97	3/20/97	7
3/29/97	4/11/97	14
5/23/97	5/23/97	1
6/22/97	6/27/97	6
9/21/97	9/23/97	3
1/6/98	1/17/98	12
2/13/98	3/2/98	18
3/4/98	3/4/98	1
3/9/98	4/21/98	44
4/27/98	5/12/98	16
7/9/98	7/10/98	2
1/24/99	2/5/99	13
4/11/99	4/14/99	4
4/23/99	5/2/99	10
4/21/00	4/27/00	7
5/19/00	5/26/00	8
5/28/00	6/3/00	7
11/27/00	12/1/00	5
2/9/01	3/20/01	40
4/22/01	4/28/01	7
5/15/01	6/13/01	30
8/23/01	8/24/01	2
10/12/01	11/9/01	29
11/30/01	12/7/01	8
12/17/01	12/23/01	7
1/15/02	1/17/02	3
2/13/02	2/14/02	2
2/20/02	3/23/02	32
4/2/02	4/6/02	5
4/8/02	4/19/02	12
5/9/02	5/26/02	18
3/20/03	3/21/03	2
4/4/03	4/12/03	9
5/11/03	5/17/03	7
11/20/03	11/21/03	2
11/24/03	11/26/03	3
3/2/04	3/14/04	13
3/26/04	3/30/04	5
5/12/04	6/6/04	26
6/12/04	6/19/04	8
11/28/04	11/28/04	1
11/30/04	11/30/04	1

**Appendix C-14**  
**Number of Consecutive Days Where Estimated Inundation Depths At Stake SPMD 1 Were Greater Than**  
**Zero Feet Between 1985 and 2004**

SPMD 1		
Start Date	Stop Date	No. of Days
1/1/85	7/8/85	189
7/10/85	8/23/85	45
8/25/85	1/25/87	519
1/27/87	5/12/87	106
5/14/87	5/29/87	16
5/31/87	5/31/87	1
6/2/87	6/3/87	2
6/5/87	6/5/87	1
6/13/87	6/13/87	1
6/21/87	6/25/87	5
7/9/87	7/10/87	2
7/16/87	7/16/87	1
7/31/87	7/31/87	1
8/3/87	8/3/87	1
8/17/87	8/18/87	2
8/23/87	8/23/87	1
8/26/87	9/2/87	8
9/4/87	9/5/87	2
9/7/87	9/7/87	1
9/10/87	10/11/87	32
10/13/87	10/14/87	2
10/16/87	10/17/87	2
10/19/87	5/30/88	225
6/2/88	6/9/88	8
7/19/88	7/20/88	2
7/25/88	7/25/88	1
7/27/88	7/27/88	1
8/16/88	8/16/88	1
8/25/88	8/25/88	1
9/5/88	9/6/88	2
9/19/88	12/15/89	453
12/18/89	9/3/90	260
9/5/90	7/27/91	326
7/29/91	8/15/91	18
8/17/91	8/29/91	13
8/31/91	9/1/91	2
9/4/91	9/7/91	4
9/9/91	9/13/91	5
9/15/91	9/17/91	3
9/19/91	9/19/91	1
9/22/91	9/23/91	2
9/25/91	9/27/91	3
9/30/91	10/1/91	2
10/3/91	6/16/92	258
6/18/92	6/23/92	6
6/25/92	7/1/92	7
7/5/92	7/7/92	3
7/9/92	7/10/92	2
7/12/92	8/22/92	42
8/24/92	8/21/93	363
8/23/93	6/2/94	284

SPMD 1		
Start Date	Stop Date	No. of Days
6/4/94	6/5/94	2
6/7/94	6/10/94	4
6/13/94	9/23/94	103
9/25/94	6/19/95	268
6/21/95	6/22/95	2
6/26/95	7/9/95	14
7/12/95	7/15/95	4
7/18/95	7/21/95	4
7/23/95	7/28/95	6
7/30/95	8/2/95	4
8/4/95	8/15/95	12
8/17/95	8/29/95	13
8/31/95	9/2/95	3
9/8/95	9/10/95	3
9/14/95	9/15/95	2
9/25/95	9/26/95	2
10/9/95	10/12/95	4
10/14/95	10/16/95	3
10/20/95	12/17/95	59
12/20/95	2/6/96	49
2/8/96	7/7/96	151
7/10/96	7/10/96	1
7/16/96	7/17/96	2
7/31/96	7/31/96	1
9/23/96	9/23/96	1
9/27/96	9/28/96	2
9/30/96	10/1/96	2
10/11/96	10/11/96	1
10/18/96	10/28/96	11
10/30/96	12/20/96	52
12/22/96	7/13/97	204
7/15/97	7/19/97	5
7/22/97	7/26/97	5
7/28/97	7/29/97	2
8/12/97	8/31/97	20
9/2/97	9/2/97	1
9/4/97	9/5/97	2
9/10/97	10/21/97	42
10/23/97	8/2/98	284
8/4/98	8/24/98	21
8/26/98	8/29/98	4
8/31/98	9/1/98	2
9/4/98	9/5/98	2
9/7/98	9/12/98	6
9/14/98	9/15/98	2
9/17/98	9/17/98	1
9/19/98	9/19/98	1
9/21/98	9/23/98	3
9/25/98	9/26/98	2
10/1/98	10/1/98	1
10/6/98	11/25/98	51

SPMD 1		
Start Date	Stop Date	No. of Days
11/27/98	12/30/98	34
1/6/99	6/9/99	155
6/11/99	6/12/99	2
6/14/99	6/15/99	2
6/17/99	6/18/99	2
6/25/99	7/15/99	21
7/18/99	7/18/99	1
7/20/99	7/21/99	2
7/23/99	7/24/99	2
7/27/99	7/28/99	2
8/26/99	8/26/99	1
9/30/99	9/30/99	1
11/2/99	11/2/99	1
11/4/99	11/4/99	1
11/7/99	11/7/99	1
11/21/99	11/21/99	1
11/24/99	11/25/99	2
12/4/99	12/22/99	19
12/26/99	12/27/99	2
12/30/99	12/31/99	2
1/3/00	1/17/00	15
1/20/00	1/21/00	2
2/23/00	3/14/00	21
3/16/00	4/2/00	18
4/7/00	4/16/00	10
4/18/00	7/19/00	93
7/21/00	7/22/00	2
7/26/00	7/26/00	1
7/29/00	8/14/00	17
8/16/00	8/17/00	2
8/19/00	8/20/00	2
8/23/00	9/1/00	10
9/4/00	9/4/00	1
9/10/00	7/15/01	309
7/17/01	8/6/01	21
8/9/01	8/10/01	2
8/16/01	7/4/02	323
7/9/02	7/16/02	8
7/28/02	9/3/02	38
9/20/02	9/22/02	3
10/5/02	10/7/02	3
10/13/02	10/13/02	1
10/18/02	11/8/02	22
11/10/02	12/3/02	24
12/6/02	1/16/03	42
1/21/03	1/25/03	5
1/27/03	1/28/03	2
2/3/03	2/7/03	5
2/9/03	2/11/03	3
3/13/03	6/23/03	103
6/27/03	6/29/03	3

SPMD 1		
Start Date	Stop Date	No. of Days
7/7/03	7/12/03	6
7/22/03	7/23/03	2
8/4/03	8/4/03	1
8/9/03	8/9/03	1
8/12/03	8/12/03	1
9/24/03	9/30/03	7
10/4/03	10/4/03	1
10/7/03	10/7/03	1
10/15/03	10/21/03	7
10/23/03	10/31/03	9
11/2/03	1/22/04	82
1/25/04	1/31/04	7
2/2/04	8/14/04	195
8/16/04	9/18/04	34
9/21/04	9/21/04	1
9/26/04	9/26/04	1
10/1/04	10/2/04	2
10/10/04	10/10/04	1
10/15/04	11/30/04	47

**Appendix C-15**  
**Number of Consecutive Days Where Estimated Inundation Depths At Stake**  
**SPMD 2 Were Greater Than Zero Feet Between 1985 and 2004**

SPMD 2		
Start Date	Stop Date	No. of Days
1/1/85	6/14/87	895
6/17/87	6/17/87	1
6/21/87	6/25/87	5
7/1/87	7/2/87	2
7/4/87	7/4/87	1
7/7/87	7/11/87	5
7/14/87	7/18/87	5
7/21/87	7/21/87	1
7/24/87	7/27/87	4
7/30/87	7/31/87	2
8/3/87	8/3/87	1
8/17/87	9/7/87	22
9/9/87	5/31/88	266
6/2/88	6/10/88	9
6/13/88	6/14/88	2
6/24/88	6/24/88	1
7/18/88	7/20/88	3
7/24/88	7/27/88	4
8/6/88	8/6/88	1
8/8/88	8/8/88	1
8/16/88	8/16/88	1
8/19/88	8/22/88	4
8/25/88	8/27/88	3
8/30/88	8/30/88	1
9/5/88	9/10/88	6
9/19/88	9/3/90	715
9/5/90	8/29/91	359
8/31/91	9/1/91	2
9/4/91	9/7/91	4
9/9/91	9/13/91	5
9/15/91	7/2/92	292
7/5/92	7/7/92	3
7/9/92	7/10/92	2
7/12/92	8/22/92	42
8/24/92	8/21/93	363
8/23/93	6/2/94	284
6/4/94	6/5/94	2
6/7/94	6/10/94	4
6/13/94	9/23/94	103
9/25/94	7/9/95	288
7/11/95	7/15/95	5
7/18/95	7/21/95	4
7/23/95	8/15/95	24
8/17/95	12/18/95	124
12/20/95	7/7/96	201
7/10/96	7/10/96	1
7/16/96	7/17/96	2
7/31/96	7/31/96	1
9/22/96	9/23/96	2
9/27/96	9/28/96	2
9/30/96	10/1/96	2

SPMD 2		
Start Date	Stop Date	No. of Days
10/11/96	10/11/96	1
10/18/96	12/20/96	64
12/22/96	7/19/97	210
7/21/97	7/26/97	6
7/28/97	7/29/97	2
8/5/97	8/7/97	3
8/12/97	9/2/97	22
9/4/97	9/5/97	2
9/9/97	8/2/98	328
8/4/98	8/24/98	21
8/26/98	8/29/98	4
8/31/98	9/1/98	2
9/3/98	9/5/98	3
9/7/98	9/12/98	6
9/14/98	9/15/98	2
9/17/98	9/17/98	1
9/19/98	9/19/98	1
9/21/98	9/23/98	3
9/25/98	9/26/98	2
10/1/98	10/1/98	1
10/6/98	12/30/98	86
1/6/99	6/9/99	155
6/11/99	6/12/99	2
6/14/99	6/15/99	2
6/17/99	6/18/99	2
6/25/99	7/15/99	21
7/18/99	7/18/99	1
7/20/99	7/24/99	5
7/26/99	7/28/99	3
8/11/99	8/11/99	1
8/13/99	8/13/99	1
8/25/99	8/26/99	2
8/29/99	8/29/99	1
9/30/99	9/30/99	1
10/6/99	10/6/99	1
11/2/99	11/2/99	1
11/4/99	11/4/99	1
11/7/99	11/7/99	1
11/10/99	11/10/99	1
11/21/99	11/21/99	1
11/24/99	11/25/99	2
12/4/99	12/22/99	19
12/26/99	12/27/99	2
12/30/99	12/31/99	2
1/2/00	1/17/00	16
1/20/00	1/21/00	2
1/30/00	1/30/00	1
2/5/00	2/5/00	1
2/22/00	4/4/00	43
4/7/00	4/16/00	10
4/18/00	7/19/00	93

SPMD 2		
Start Date	Stop Date	No. of Days
7/21/00	7/22/00	2
7/26/00	7/26/00	1
7/29/00	8/14/00	17
8/16/00	8/17/00	2
8/19/00	8/20/00	2
8/23/00	9/1/00	10
9/4/00	9/4/00	1
9/10/00	7/24/02	683
7/28/02	9/6/02	41
9/8/02	9/10/02	3
9/13/02	9/13/02	1
9/16/02	9/18/02	3
9/20/02	9/27/02	8
9/29/02	10/3/02	5
10/5/02	12/4/02	61
12/6/02	1/16/03	42
1/20/03	1/25/03	6
1/27/03	2/7/03	12
2/9/03	2/12/03	4
2/14/03	2/15/03	2
2/18/03	3/3/03	14
3/5/03	6/30/03	118
7/6/03	7/12/03	7
7/14/03	7/15/03	2
7/22/03	7/24/03	3
8/4/03	8/4/03	1
8/9/03	8/12/03	4
8/14/03	8/14/03	1
9/4/03	9/4/03	1
9/24/03	10/1/03	8
10/4/03	10/4/03	1
10/7/03	10/7/03	1
10/15/03	1/22/04	100
1/25/04	9/26/04	246
10/1/04	10/3/04	3
10/9/04	10/11/04	3
10/14/04	11/30/04	48

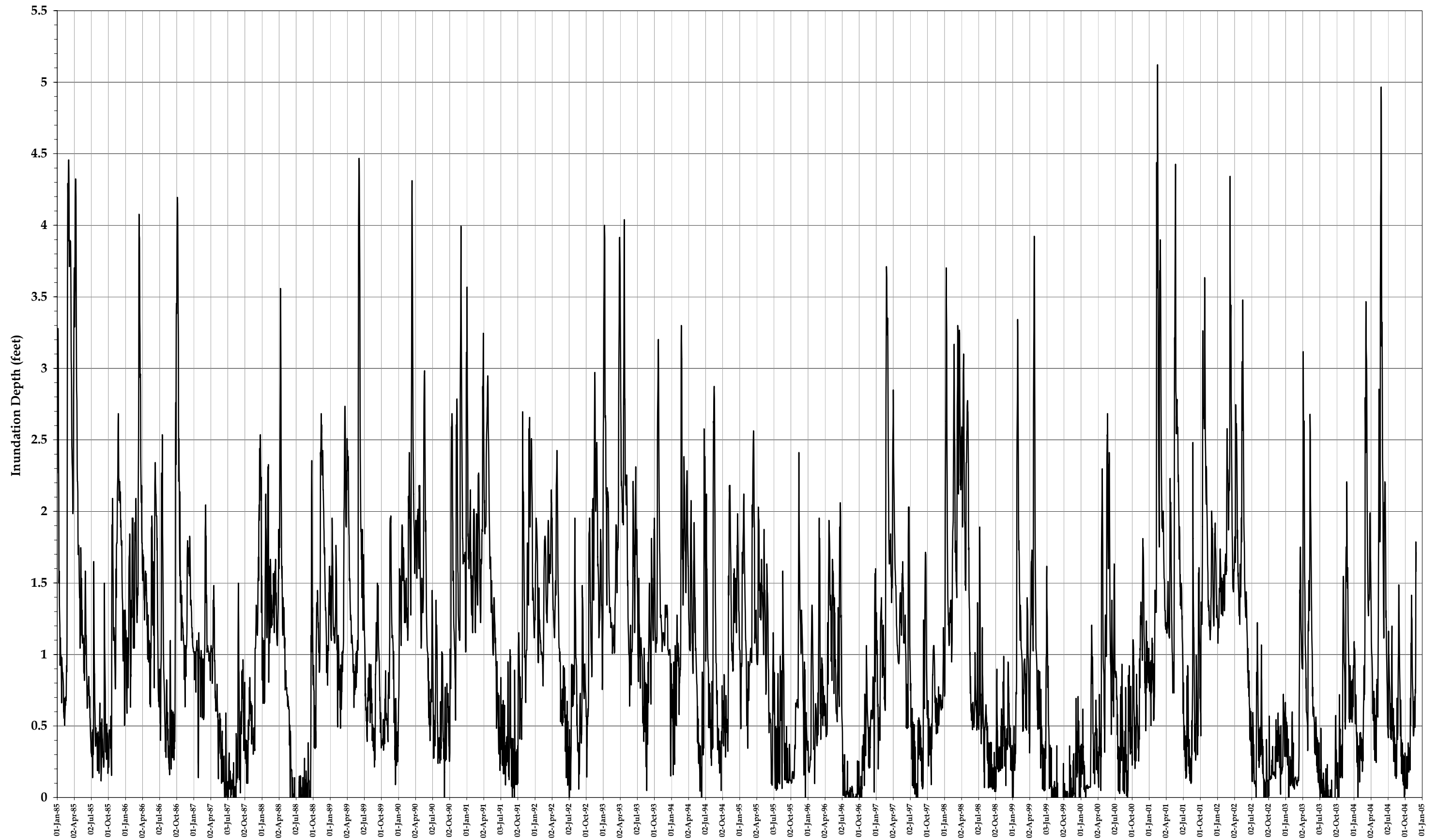
**Appendix C-16**  
**Number of Consecutive Days Where Estimated Inundation Depths At Stake**  
**SPMD 3 Were Greater Than Zero Feet Between 1985 and 2004**

SPMD 3		
Start Date	Stop Date	No. of Days
1/1/85	9/19/96	4280
9/21/96	9/8/99	1083
9/10/99	9/12/99	3
9/14/99	9/15/99	2
9/17/99	9/19/99	3
9/21/99	9/22/99	2
9/24/99	11/30/04	1895

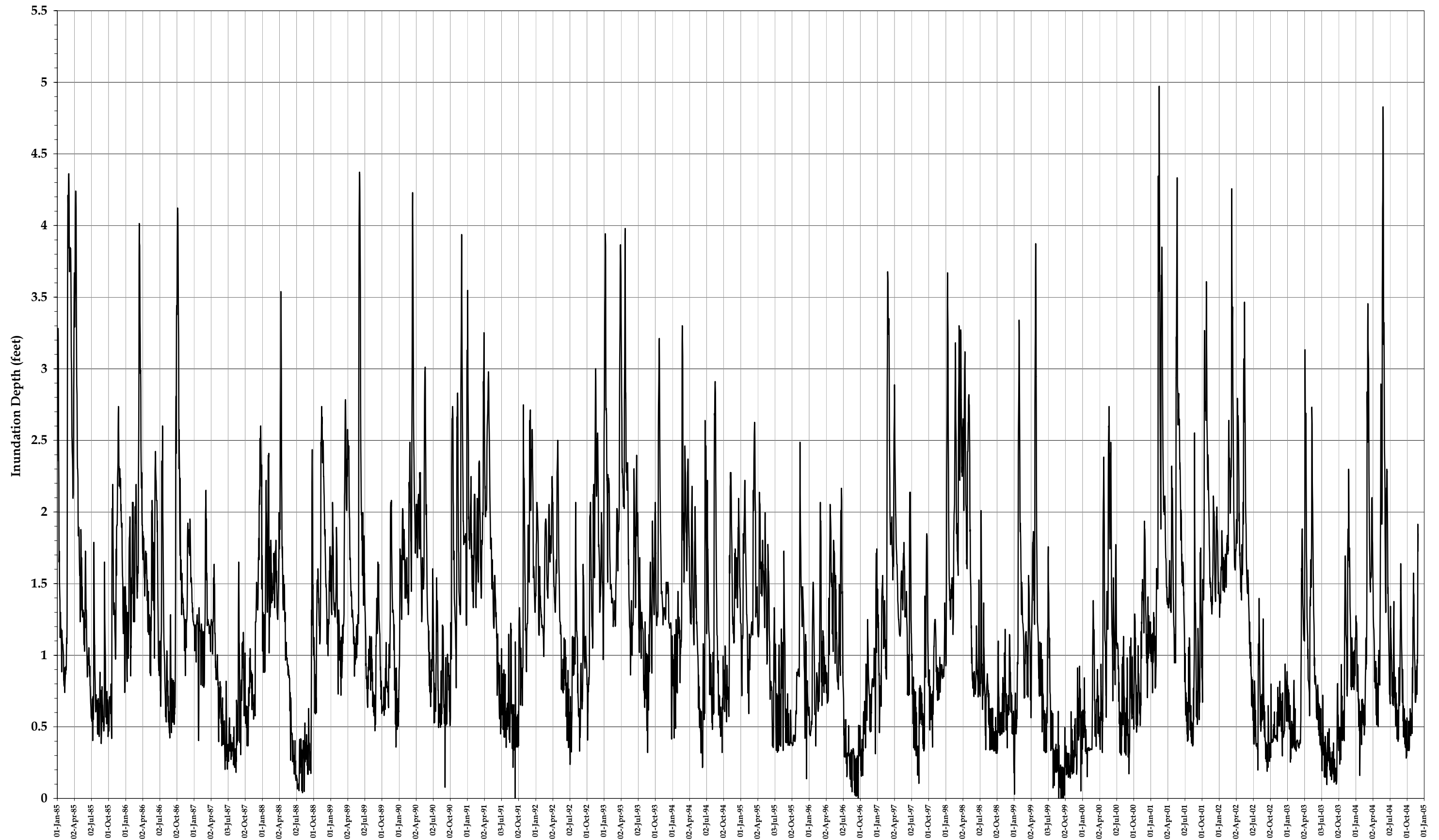
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- Appendix D-2 Timeline of Estimated Inundation Depths At Monitoring Point SPMD 2 From January 1, 1985 to November 30, 2004
- Appendix D-3 Timeline of Estimated Inundation Depths At Monitoring Point SPMD 3 From January 1, 1985 to November 30, 2004
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- Appendix D-8 Timeline of Estimated Inundation Depths At Monitoring Point E From January 1, 1985 to November 30, 2004
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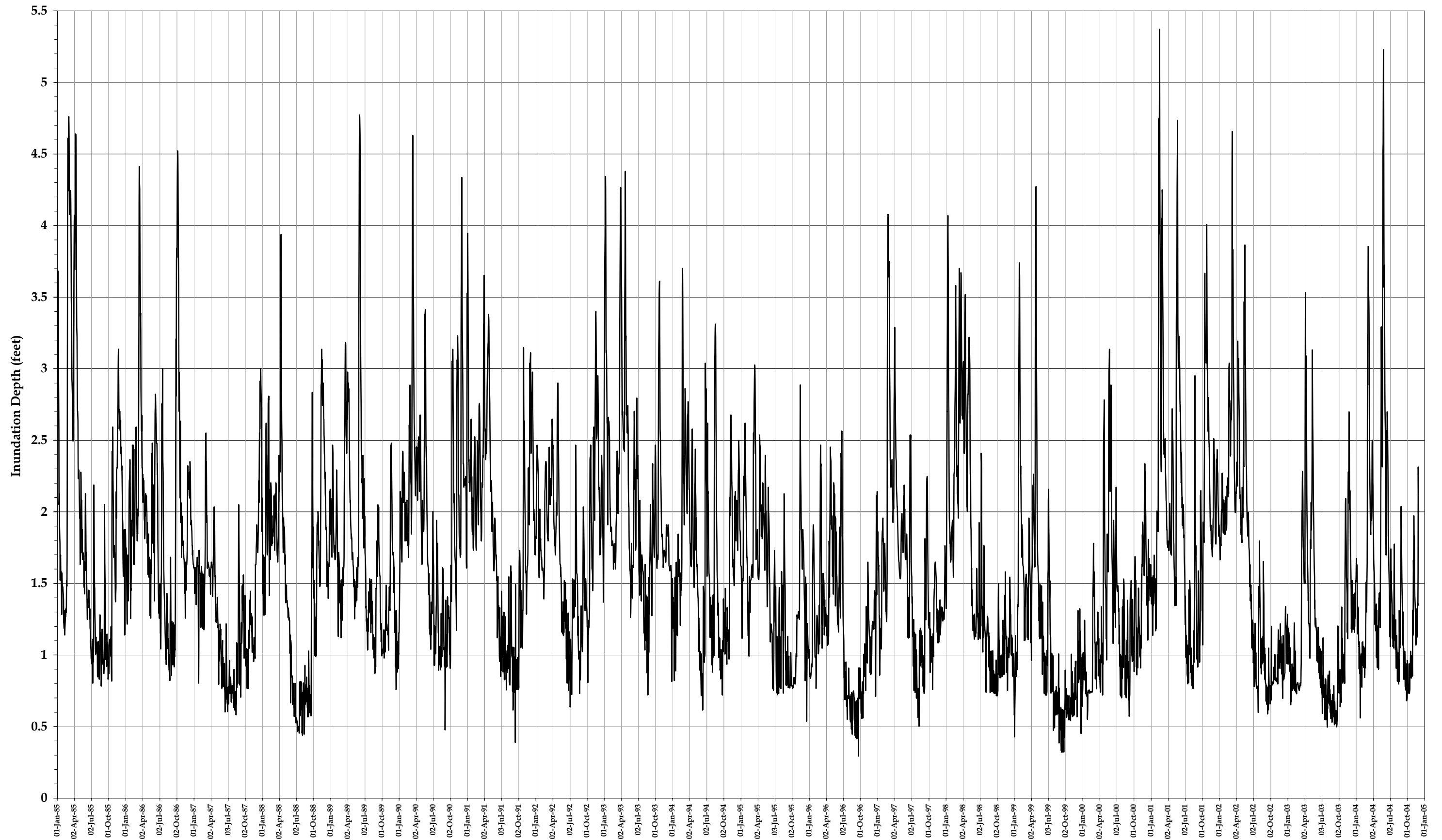
Appendix D-1  
Timeline of Estimated Inundation Depths At Monitoring Point SPMD 1  
From January 1, 1985 to November 30, 2004



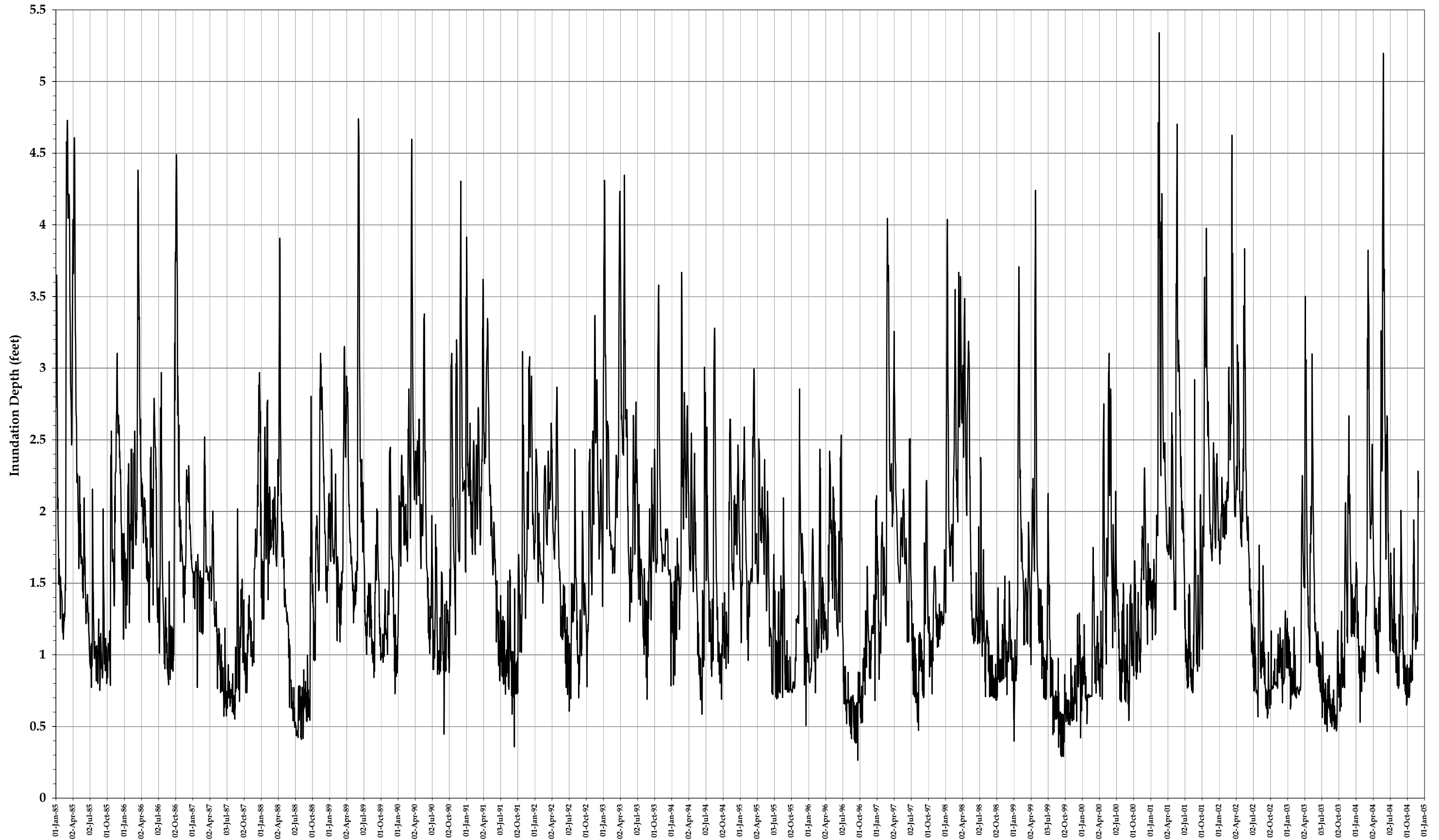
Appendix D-2  
Timeline of Estimated Inundation Depths At Monitoring Point SPMD 2  
From January 1, 1985 to November 30, 2004



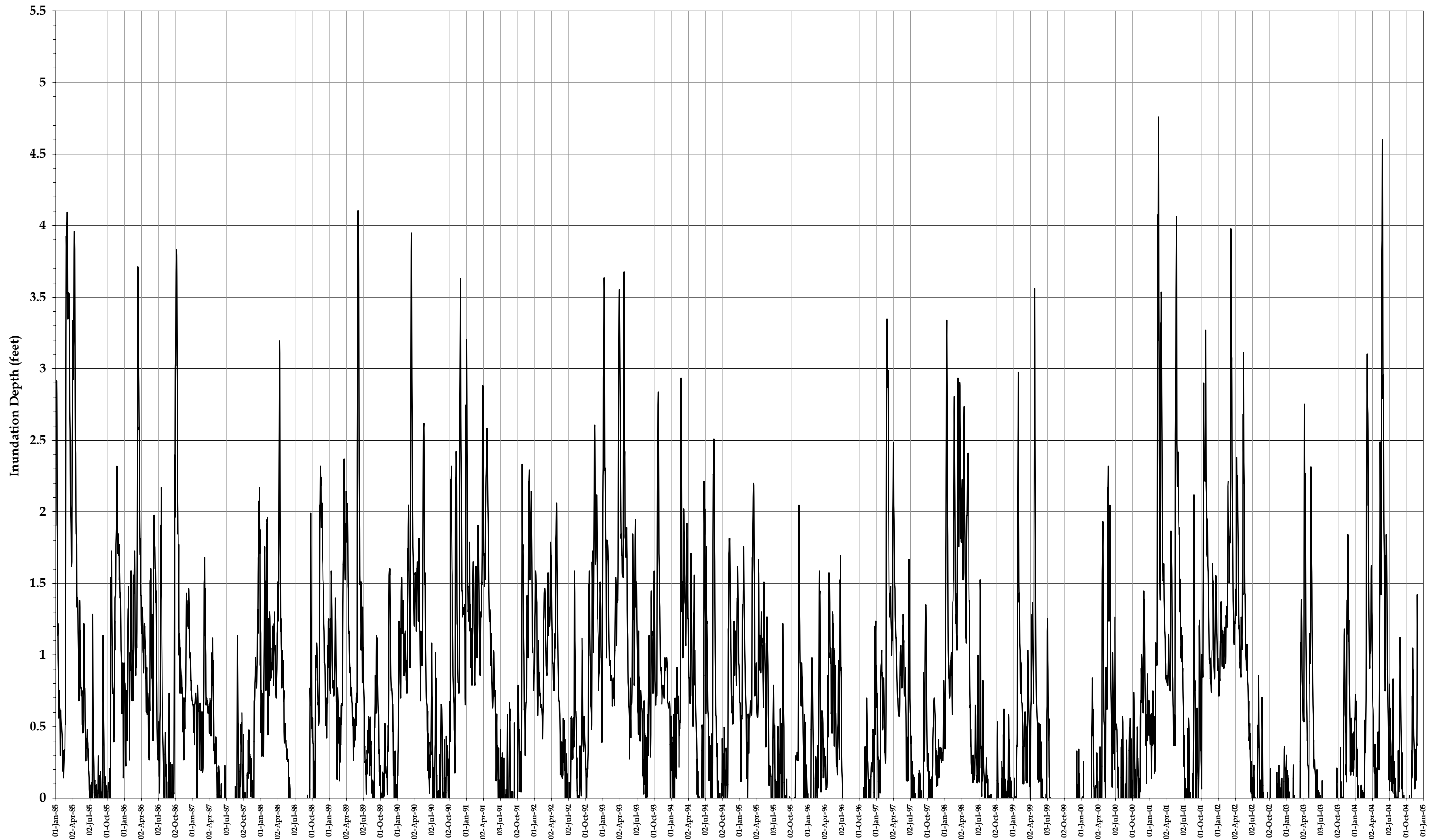
Appendix D-3  
Timeline of Estimated Inundation Depths At Monitoring Point SPMD 3  
From January 1, 1985 to November 30, 2004



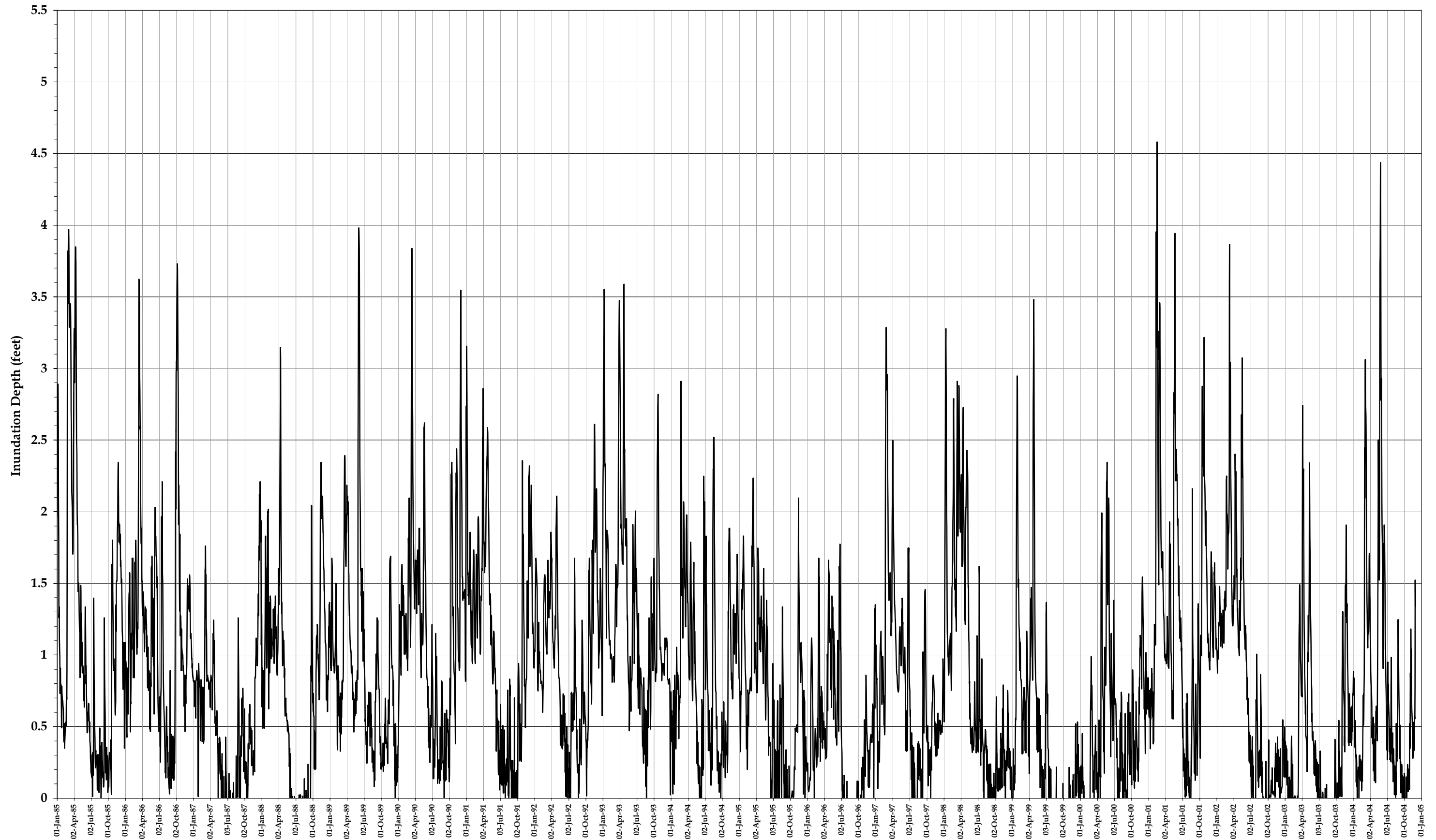
Appendix D-4  
Timeline of Estimated Inundation Depths At Monitoring Point A  
From January 1, 1985 to November 30, 2004



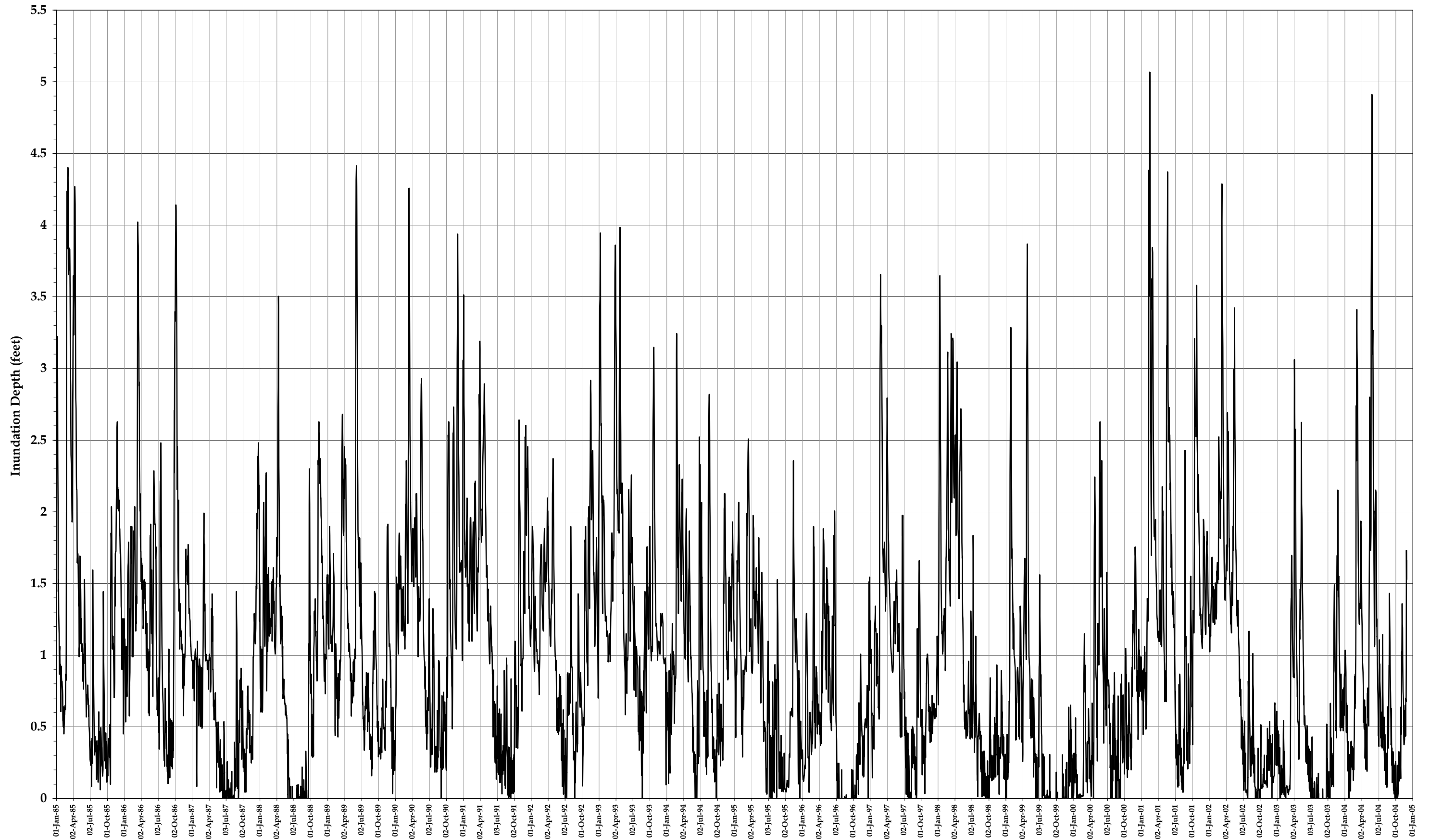
Appendix D-5  
Timeline of Estimated Inundation Depths At Monitoring Point B  
From January 1, 1985 to November 30, 2004



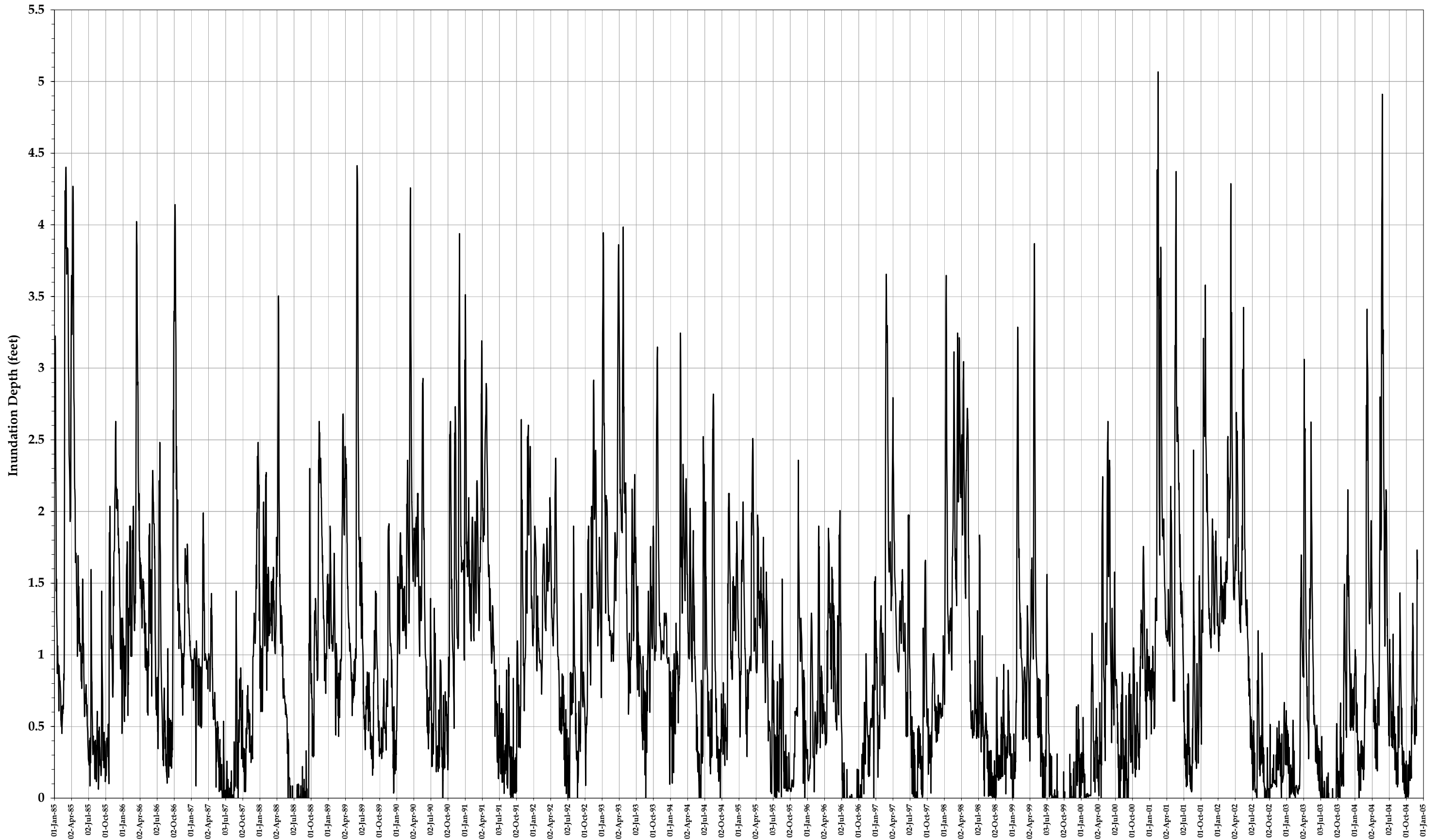
Appendix D-6  
Timeline of Estimated Inundation Depths At Monitoring Point C  
From January 1, 1985 to November 30, 2004



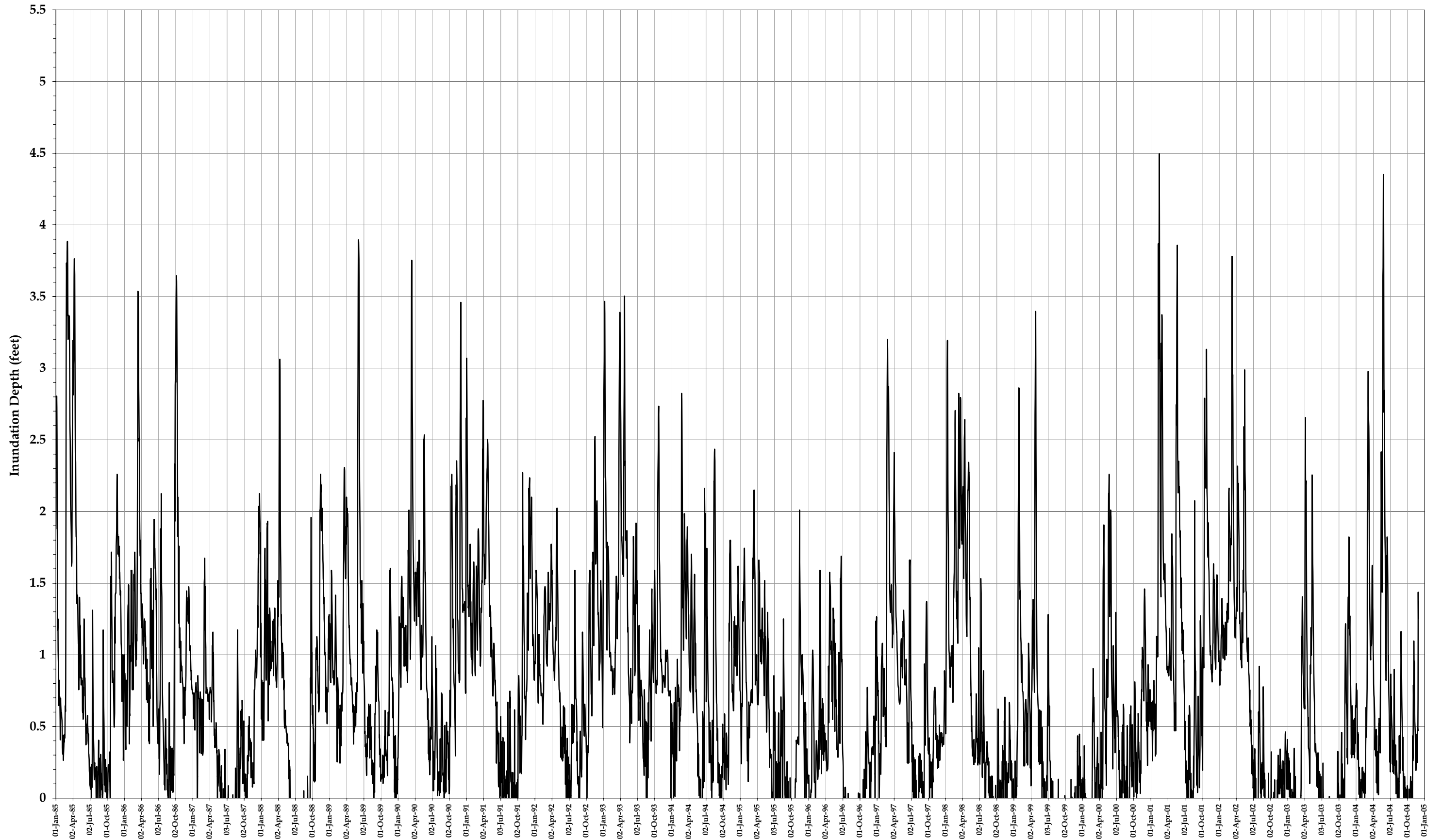
Appendix D-7  
Timeline of Estimated Inundation Depths At Monitoring Point D  
From January 1, 1985 to November 30, 2004



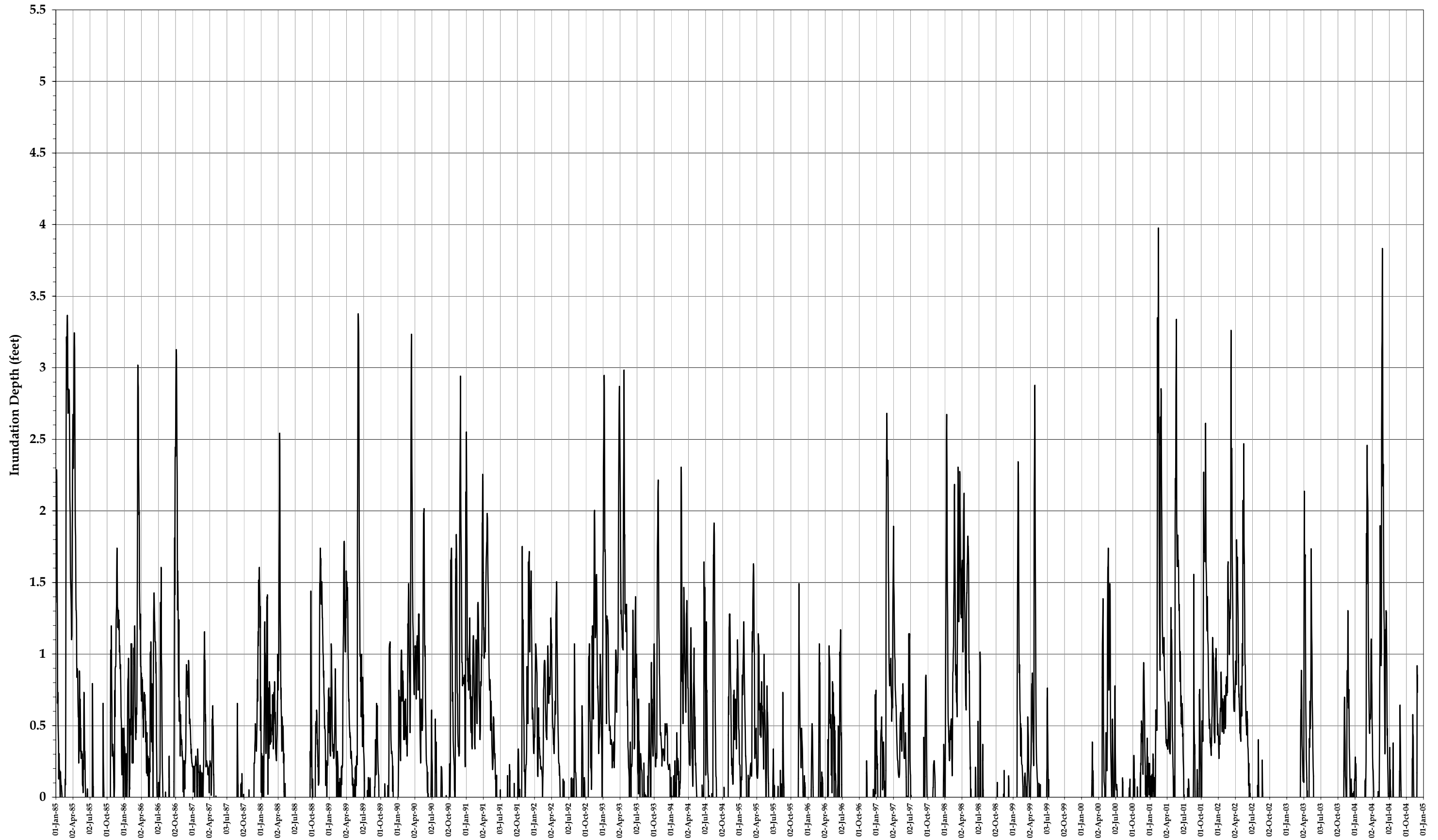
Appendix D-8  
Timeline of Estimated Inundation Depths At Monitoring Point E  
From January 1, 1985 to November 30, 2004



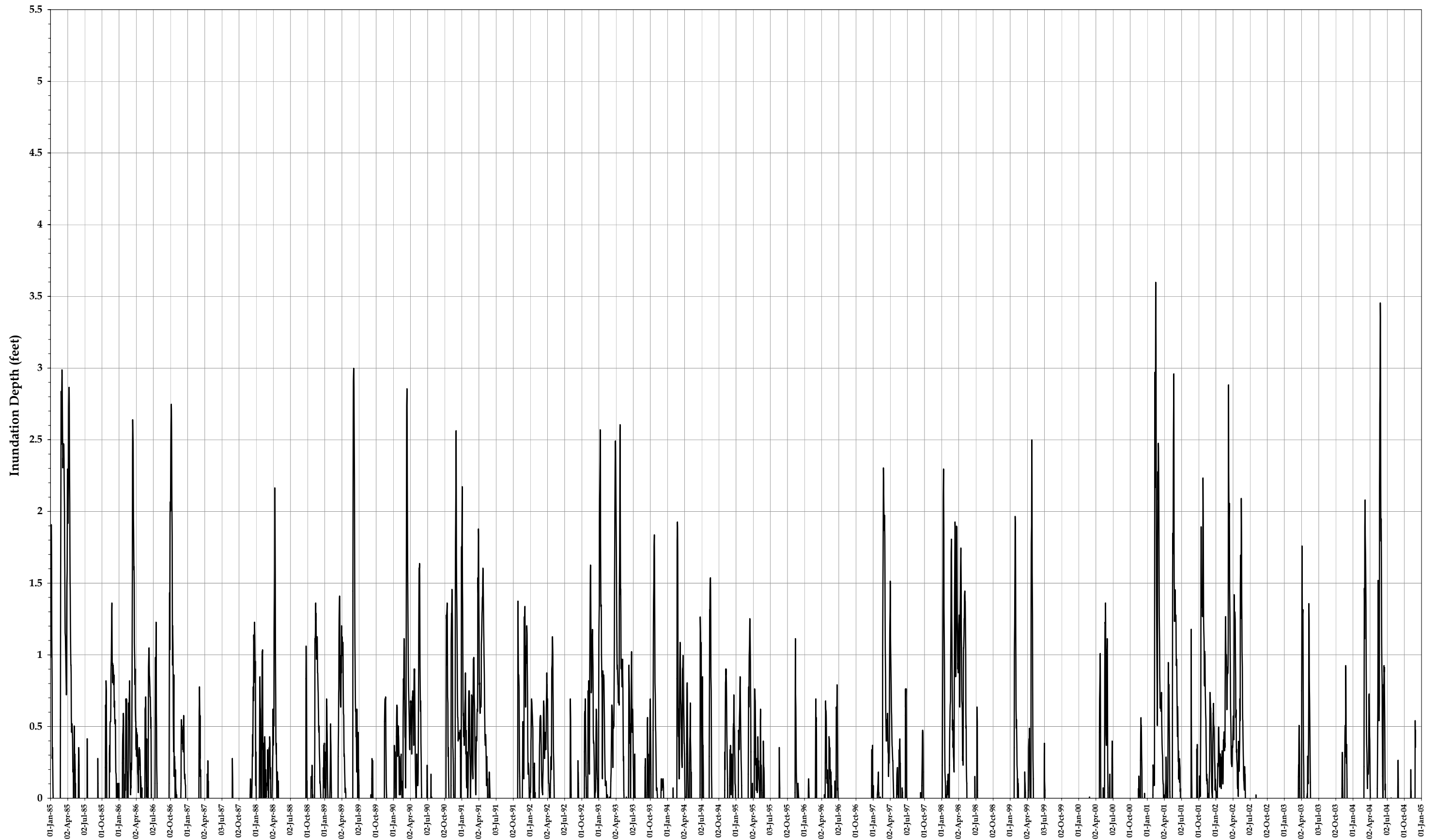
Appendix D-9  
Timeline of Estimated Inundation Depths At Monitoring Point F  
From January 1, 1985 to November 30, 2004



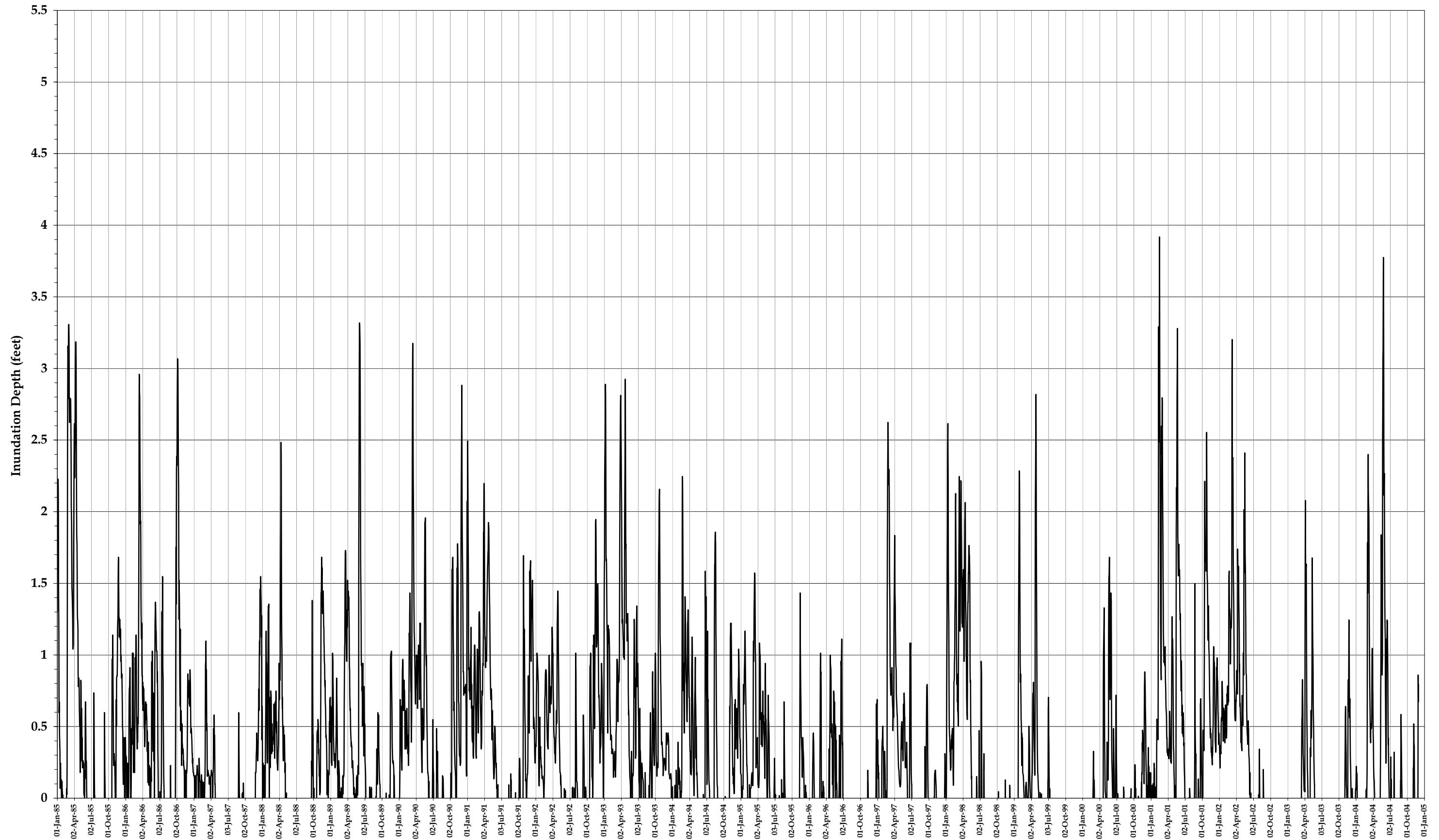
Appendix D-10  
Timeline of Estimated Inundation Depths At Monitoring Point G  
From January 1, 1985 to November 30, 2004



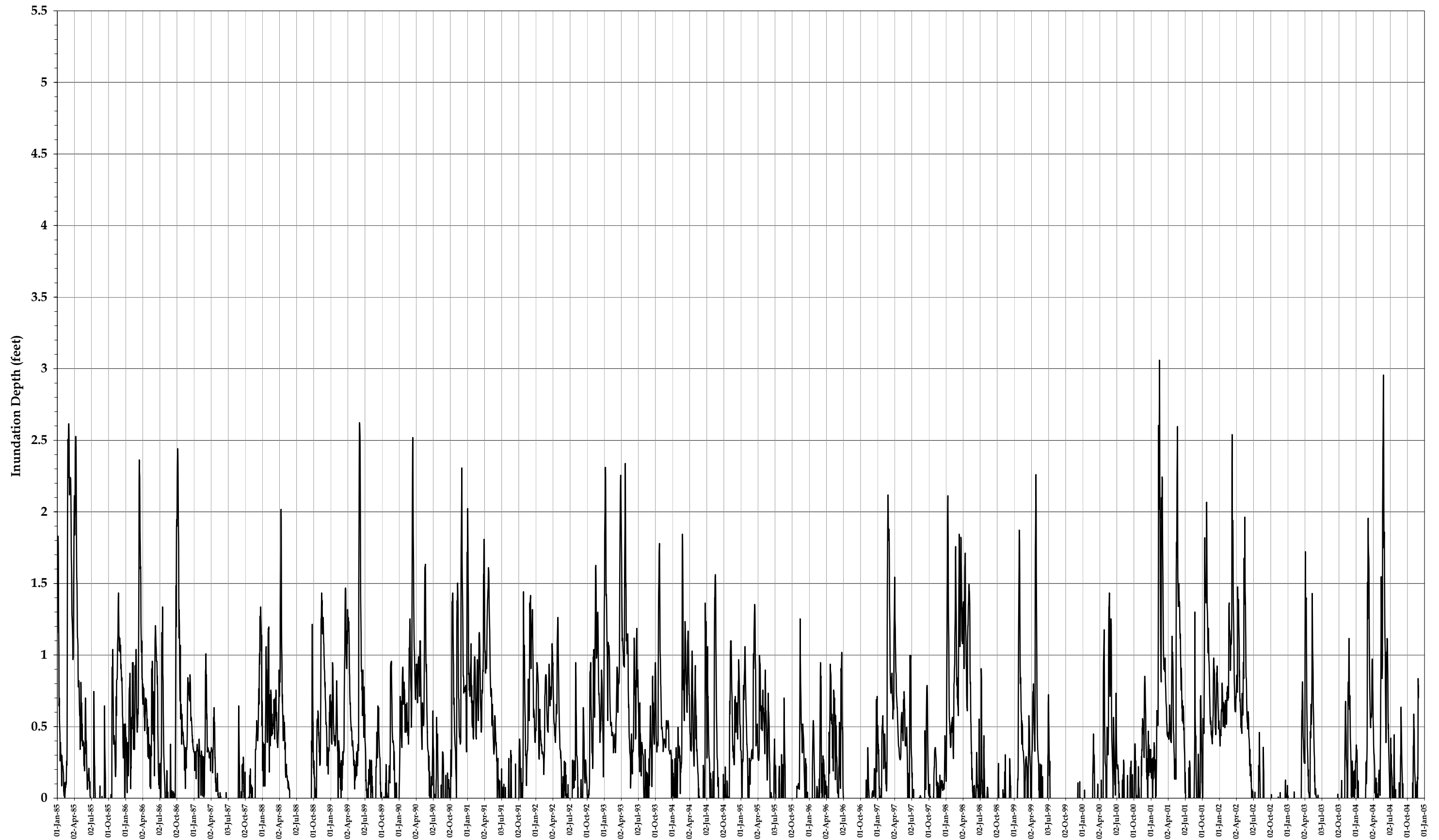
Appendix D-11  
Timeline of Estimated Inundation Depths At Monitoring Point H  
From January 1, 1985 to November 30, 2004



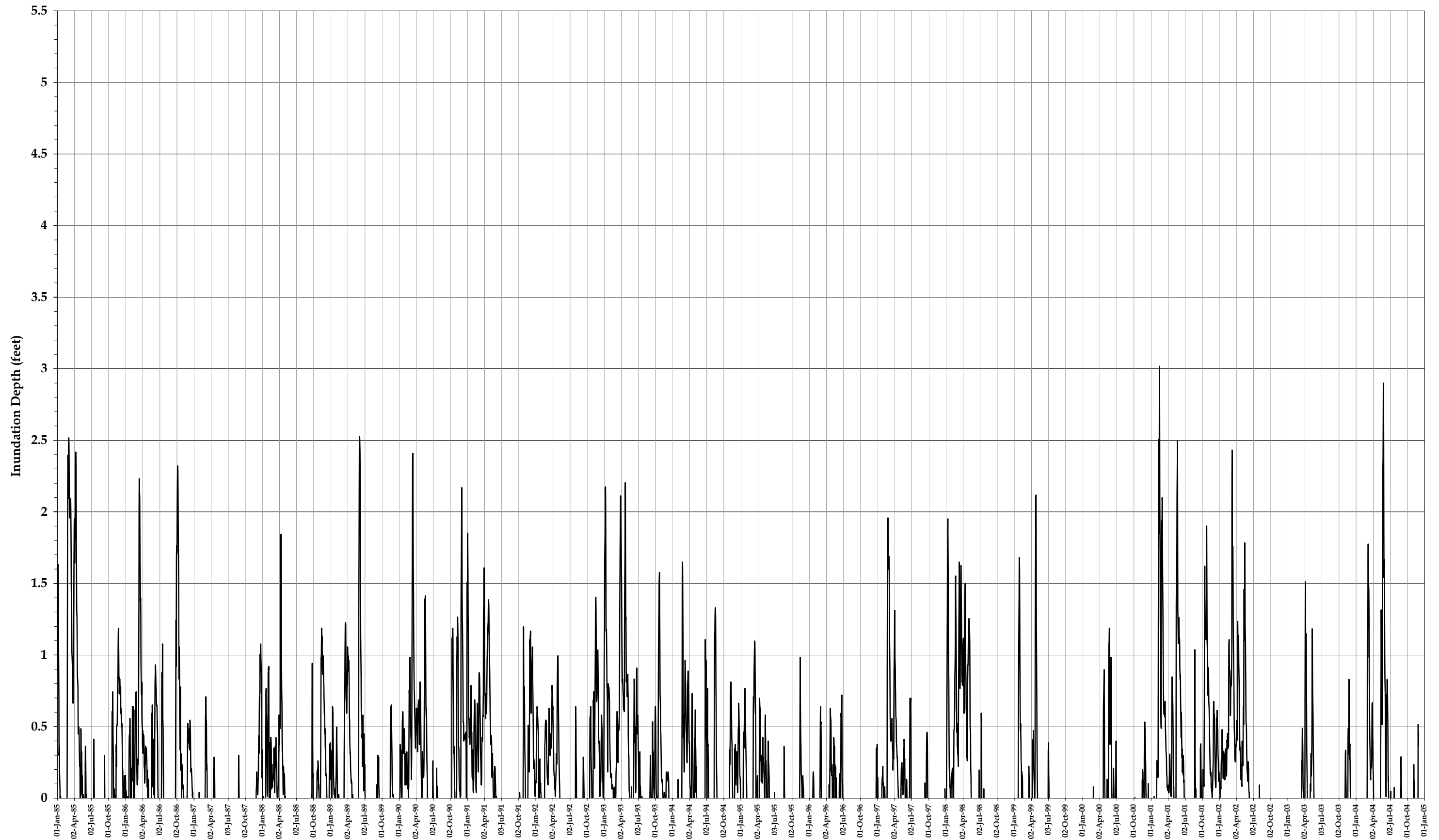
Appendix D-12  
Timeline of Estimated Inundation Depths At Monitoring Point I  
From January 1, 1985 to November 30, 2004



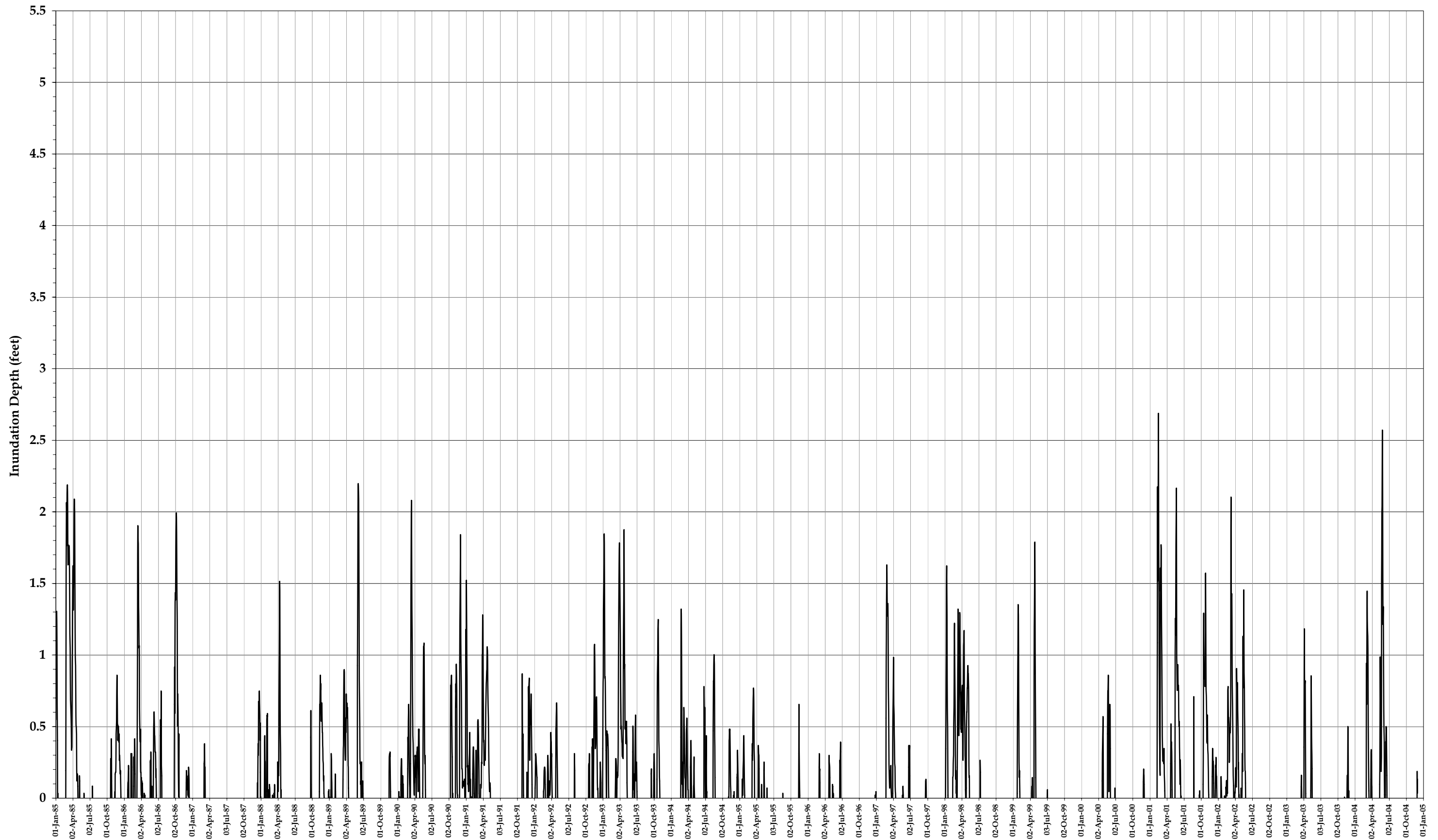
Appendix D-13  
Timeline of Estimated Inundation Depths At Monitoring Point J  
From January 1, 1985 to November 30, 2004



Appendix D-14  
Timeline of Estimated Inundation Depths At Monitoring Point K  
From January 1, 1985 to November 30, 2004



Appendix D-15  
Timeline of Estimated Inundation Depths At Monitoring Point L  
From January 1, 1985 to November 30, 2004



## Appendix E

# Quality Assurance and Quality Control

### E.1 Quality Assurance, Quality Control, and Data Validation

The Trowbridge Inundation Study used Section 4.4 of the LTM Sampling Plan, September, 1999 and the Errata to the LTM Sampling Plan March 2001 as guidance to project specific quality assurance (QA) objectives. As per these plans, field quality control (QC) samples were collected to evaluate precision and accuracy. For surface water and sediment samples, field duplicates were to be collected at a frequency of one per 20 investigative samples or less. The relative percent difference (RPD) for field duplicates was considered acceptable if it was less than 25%. However, no samples were qualified because of unacceptable field duplicate agreement.

Additionally for surface water and sediment, matrix spike/matrix spike duplicates (MS/MSD) were to be collected at a frequency of one per 20 investigative samples or less. These MS/MSD samples require triple sample volume for surface water and sediment to be collected in the field to ensure sufficient volume of sample for the MS/MSD analysis by the laboratory. Samples for MS/MSD analysis are to be clearly marked on the field chain-of-custody form for easy identification by the laboratory. Field blanks or equipment/rinsate blanks were to be collected at a frequency of one per every twenty investigative surface water samples or less.

The laboratory QC criteria for this sampling event are defined below. Laboratory check standards were required to fall within 15% of the true value of the standard to be

considered in control or to meet the QC criteria. Laboratory blank samples that have a total PCB concentration greater than the practical quantitation limit (PQL) are reviewed to determine if the concentration of any individual Aroclors or congeners exceed the PQL. Data will only be qualified for blank contamination if individual Aroclors or congeners exceed the PQL. MS/MSD sample recoveries were required to fall within the range of 60% to 140% of the true spiked value. The agreement between MS and the MSD were required to be within 25% relative percent difference to be considered in control. The first laboratory surrogate was required to have a surrogate recovery within the range of 60% to 140% and if it did not meet that criteria, an additional surrogate analysis would be performed which would then need to fall within those control limits.

### E.2 Summary of Field QC

Based on a review of the 2001 analytical data, field duplicates were collected for surface water and sediment for the second sampling round of each matrix but not for the initial sampling round in 2001. The two sampling rounds are considered separate because they occurred 28 days apart and field duplicates should have been collected for each of the events in 2001 for both matrices. For the 2004 sampling events, field duplicates were collected for all three rounds of surface water sampling but no field duplicates were collected for the sediment sampling event in 2004. These deviations from the sampling plan are considered a minor data gap and do not effect the usability of the data. Field duplicate samples were not collected for

SPMD samples in 2001 or 2004 due to the nature of this matrix.

The RPD between field samples and field duplicates varied for the two sample matrices. As previously mentioned, an RPD of 25% is the guideline for acceptable agreement between a field sample and field duplicate. However, because there are so many factors that influence the RPD of field duplicate samples, data are not qualified based on an exceedance of the 25% RPD guideline.

In 2001, MS/MSD sample collection was only performed for the second sampling event. No MS/MSD samples were collected for the first round of surface water or sediment sampling in 2001. In 2004, MS/MSDs were collected for all three surface water sampling events but no MS/MSD was collected for the single sediment sampling event in 2004. This constitutes a minor data gap and does not affect the usability of the data. MS/MSD samples were not collected for the SPMD membrane samples in 2001 or 2004 due to the nature of the matrix.

For the May 3, 2001 surface water survey, no field blank was collected for 3 investigative samples. This frequency did not conform to the prescribed frequency of one field blank per every twenty samples or less. The May 31, 2001 surface water survey did conform to the prescribed blank frequency with one field blank collected for 3 investigative samples. The field blank had no detections of PCB congeners above the MDL. In 2004, the initial surface water sampling event on April 13<sup>th</sup> had no field blank collected for seven samples. This frequency did not conform to the prescribed frequency of one field blank per every twenty samples or less. The April 27, 2004 surface water sampling round had one field blank collected for eight samples and all detected congeners were below the

PQL so no data qualification was necessary. The May 11, 2004 surface water sampling event had one field blank collected for 8 samples. This field blank had 4 PCB congeners detected above the PQL, so all samples in this data set with total PCB concentrations at or below 5 times the blank concentration were qualified with a "B". This qualifier notifies the data user that the samples may have been influenced either by laboratory or sampling procedures.

Three blank SPMDs were sent for analysis with the 9 SPMD samples (three locations/three each) collected in May of 2001. The set of blank SPMDs, labeled as location SPMD4, was exposed to ambient conditions during the installation of SPMD 1 on May 3, 2001. After the installation, the SPMDs were sealed in a canister and frozen. Upon retrieval of the SPMDs on May 31, 2001, the frozen SPMDs were thawed, and again exposed to ambient conditions at SPMD 1 before being sent in for analysis. Based on the low levels of PCB detected in these initial 2001 SPMD blanks it was determined that blank SPMDs were not necessary for the 2004 sampling event. Additionally, for each SPMD event in both 2001 and 2004, a dialysis blank, which was prepared by the laboratory, was analyzed. This dialysis blank for 2001 contained one PCB congener above the PQL. The field blank SPMD cartridges in 2001 did not contain any PCB congeners above the PQL of 1.0 ng. No SPMD sample results were qualified in 2001 due to the dialysis blank contamination, as the concentration of the congener detected in the dialysis blank was greater than 10 times the field blank concentration. In 2004, the dialysis blank contained several PCB congeners above the PQL but at a level two to three orders of magnitude less than the PCB concentrations in the SPMD environmental samples. No data qualification was necessary for the 2004

SPMD samples due to the low concentration of PCB in the dialysis blank in relation to the samples.

### E.3 Summary of Laboratory QC

The data summary information indicates that the May 3, 2001 surface water sampling survey had all surrogate recoveries in control, all lab blanks in control, and all check standards and lab control spikes in control. No MS/MSD sample or field duplicate was collected for this event. Based on the QC information, the May 3, 2001 surface water data are usable as reported by the laboratory.

The data summary information indicates that the May 3, 2001 sediment sampling survey had all surrogate recoveries in control, all lab blanks in control, and all check standards and lab control spikes in control. No MS/MSD or field duplicate sample was collected for this event. Several chromatographic peaks were removed from samples AE03035 and AE03036 due to co-elution with unknowns. Based on the QC information, the May 3, 2001 sediment data are usable as reported by the laboratory.

The data summary information for the May 31, 2001 surface water sampling survey met all QC criteria for check standards, laboratory control spikes, laboratory blanks, MS/MSDs and surrogate recoveries. The field duplicate was within the control criteria of 25% for field duplicates at 22%. Based on the QC information, the May 31, 2001 surface water data are usable as reported by the laboratory.

The data summary information for the May 31, 2001 sediment sampling survey met all QC criteria for check standards, laboratory control spikes, laboratory blanks, MS/MSDs and surrogate recoveries. The initial analysis of the MS sample had an out of control spike recovery of 59%. The MSD had a spike recovery in control at 93%. The sample, MS

and MSD were re-extracted and re-run with acceptable recovery limits. This re-extraction and re-run occurred outside of the holding time. Because the original MSD spike recovery was acceptable and the rerun was comparable to the original analysis, no data were qualified. The field duplicate was outside the control criteria of 25% for field duplicates at 32%, however no data were qualified based on this deviation. Based on the QC information, the May 31, 2001 sediment data are usable as reported by the laboratory.

The data summary information for the semipermeable membrane device samples collected May 31, 2001 indicate acceptable QC for all check standards, laboratory blanks and laboratory control standards. Two SPMD devices (SPMD-2A and 2B) had small holes in their membranes, which were heat sealed prior to dialysis. No data were qualified due to this issue. Due to the nature of this matrix, no surrogates or MS/MSDs are performed.

The data summary information for the April 13, 2004 surface water sampling survey met all QC criteria for check standards, laboratory control spikes, laboratory blanks, MS/MSDs and surrogate recoveries. The field duplicate was just above the control criteria of 25% for field duplicates at 26%. Based on the QC information, the April 13, 2004 surface water data are usable as reported by the laboratory.

The data summary information for the April 27, 2004 surface water sampling survey met all QC criteria for check standards, laboratory control spikes, laboratory blanks, MS/MSDs and surrogate recoveries. The field duplicate was within the control criteria of 25% for field duplicates at 20%. The field blank for this batch had seven congeners detected above the MDL but below the PQL so no data qualification was necessary. Based on the QC

information, the April 27, 2004 surface water data are usable as reported by the laboratory.

The data summary information for the May 11, 2004 surface water sampling survey met all QC criteria for check standards, laboratory control spikes, laboratory blanks, MS/MSDs and surrogate recoveries. The field duplicate was above the control criteria of 25% for field duplicates at 42% however no data qualification is necessary. The field blank for this batch had four congeners detected above the PQL so data qualification was necessary. All samples with total PCB concentrations at or below 5 times the blank concentration of 12 ng/l were qualified with a "B". This indicates to the data user that the field blank associated with these samples is contaminated either due to sampling or laboratory procedures and this may have influenced the environmental samples. Based on the QC information, the May 11, 2004 surface water data are usable as qualified.

The data summary information for the April 13, 2001 sediment sampling survey met all QC criteria for check standards, laboratory control spikes, laboratory blanks and surrogate recoveries with one exception. Sample AH03674 was reanalyzed due to chromatographic interference from the auto sampler vial. The reanalysis had the first surrogate out of control and the second in control so no data qualification was necessary and the reanalysis data is usable as reported. In all samples where Aroclors 1242, 1254 and 1260 were detected, they were flagged to denote an altered chromatographic pattern and reported as best Aroclor matches. No MS/MSD or field duplicate was submitted with this batch so no evaluation of analytical precision is available. Based on the QC information, the April 13, 2001 sediment data are usable as reported by the laboratory.

The data summary information for the semipermeable membrane device samples collected May 11, 2004 indicate acceptable QC for all check standards and laboratory control standards. The dialysis blank for this batch had detections of PCB congeners above the PQL but 2 to 3 orders of magnitude less than the sample concentrations. No data qualification is required because no samples had concentrations less than 10 times the dialysis blank. Four SPMD devices had small holes in their membranes, which were heat sealed prior to dialysis. No data were qualified due to this issue. Due to the nature of this matrix, no surrogates or MS/MSDs are performed.