

Attachment D

Monthly Regional Rainfall Depth-Return Estimates and Historical Averages for each Rainfall Basin

Note: In the following tables, a few calculations resulted in negative values for rainfall depths. These have been replaced with zeros.

Table 1. January Regional Rainfall Depth-Return Interval Estimates and Historical Averages for each Basin.

Basin	Distrib	χ^2 Ratio	100 DRP (inches)	50 DRP (inches)	20 DRP (inches)	10 DRP (inches)	5 DRP (inches)	Average (inches)	5 WRP (inches)	10 WRP (inches)	20 WRP (inches)	50 WRP (inches)	100 WRP (inches)
Big Cypress	WB2	0.15	0.06	0.10	0.20	0.34	0.60	1.71	2.59	3.37	4.10	5.00	5.64
Broward	LN3	0.41	0.14	0.24	0.42	0.62	0.94	2.23	3.25	4.33	5.46	7.05	8.34
Caloosahatchee	WB2	0.35	0.06	0.10	0.21	0.37	0.65	1.87	2.95	3.88	4.75	5.82	6.60
Dade	GM3	0.15	0.15	0.19	0.28	0.41	0.66	1.86	2.83	3.82	4.81	6.10	7.09
East EAA	GM2	0.31	0.07	0.13	0.26	0.43	0.72	1.97	2.99	3.97	4.92	6.16	7.10
Everglades	GM2	0.49	0.08	0.14	0.26	0.42	0.68	1.72	2.59	3.40	4.18	5.19	5.94
Lake Okeechobee	WB2	0.57	0.06	0.10	0.20	0.35	0.63	1.85	2.92	3.85	4.72	5.81	6.59
Lower Kissimmee	GM3	0.29	0.06	0.10	0.19	0.34	0.62	1.97	3.06	4.18	5.30	6.77	7.88
Martin St Lucie	GM3	0.75	0.19	0.23	0.32	0.47	0.75	2.13	3.24	4.38	5.52	7.02	8.16
Palm Beach	GM3	0.46	0.22	0.30	0.47	0.69	1.05	2.51	3.73	4.85	5.94	7.35	8.40
SW Coast	GM3	0.39	0.03	0.07	0.17	0.32	0.58	1.81	2.81	3.81	4.80	6.10	7.09
Upper Kissimmee	GM2	0.44	0.10	0.16	0.31	0.51	0.84	2.20	3.33	4.39	5.42	6.76	7.76
WCA 1&2	WB2	0.52	0.09	0.15	0.29	0.49	0.82	2.22	3.30	4.24	5.10	6.15	6.90
WCA 3	LN3	0.14	0.12	0.21	0.36	0.54	0.80	1.88	2.75	3.65	4.59	5.91	6.98
WestAg	GM2	0.44	0.06	0.11	0.23	0.38	0.65	1.80	2.74	3.65	4.53	5.68	6.55

(DRP, WRP = Dry and Wet Return Periods in years)

Table D2. February Regional Rainfall Depth-Return Interval Estimates and Historical Averages for each Basin.

Basin	Distrib	χ^2 Ratio	100 DRP (inches)	50 DRP (inches)	20 DRP (inches)	10 DRP (inches)	5 DRP (inches)	Average (inches)	5 WRP (inches)	10 WRP (inches)	20 WRP (inches)	50 WRP (inches)	100 WRP (inches)
Big Cypress	WB2	0.49	0.05	0.09	0.19	0.32	0.56	1.66	2.50	3.27	3.99	4.87	5.51
Broward	WB2	0.43	0.05	0.09	0.20	0.35	0.64	2.10	3.12	4.15	5.13	6.35	7.23
Caloosahatchee	GM3	0.69	0.07	0.13	0.29	0.48	0.80	2.09	3.17	4.17	5.14	6.39	7.33
Dade	GM2	0.34	0.06	0.11	0.23	0.38	0.65	1.78	2.71	3.61	4.48	5.61	6.47
East EAA	GM2	0.39	0.09	0.15	0.28	0.45	0.74	1.89	2.85	3.75	4.61	5.73	6.57
Everglades	WB2	0.24	0.06	0.10	0.19	0.33	0.57	1.63	2.47	3.22	3.91	4.77	5.39
Lake Okeechobee	GM2	0.33	0.10	0.17	0.32	0.51	0.82	2.07	3.11	4.08	5.01	6.22	7.12
Lower Kissimmee	GM2	0.53	0.11	0.18	0.34	0.55	0.90	2.30	3.47	4.56	5.61	6.98	8.00
Martin St Lucie	GM2	0.15	0.13	0.21	0.39	0.60	0.95	2.31	3.46	4.51	5.51	6.81	7.78
Palm Beach	WB2	0.40	0.10	0.16	0.31	0.50	0.85	2.23	3.33	4.27	5.12	6.16	6.90
SW Coast	WB2	0.66	0.06	0.11	0.22	0.39	0.69	2.04	3.12	4.11	5.02	6.16	6.98
Upper Kissimmee	LN3	0.48	0.00	0.00	0.20	0.60	1.15	2.63	3.96	4.94	5.85	6.98	7.81
WCA 1&2	GM3	0.28	0.11	0.16	0.29	0.46	0.76	2.07	3.14	4.18	5.19	6.51	7.50
WCA 3	WB2	0.91	0.06	0.10	0.20	0.34	0.59	1.76	2.63	3.45	4.20	5.14	5.81
WestAg	GM2	0.31	0.08	0.13	0.26	0.42	0.70	1.84	2.79	3.68	4.55	5.68	6.53

(DRP, WRP = Dry and Wet Return Periods in years)

Table D3. March Regional Rainfall Depth-Return Interval Estimates and Historical Averages for each Basin.

Basin	Distrib	χ^2 Ratio	100 DRP (inches)	50 DRP (inches)	20 DRP (inches)	10 DRP (inches)	5 DRP (inches)	Average (inches)	5 WRP (inches)	10 WRP (inches)	20 WRP (inches)	50 WRP (inches)	100 WRP (inches)
Big Cypress	LN3	0.45	0.11	0.20	0.37	0.56	0.86	2.21	3.27	4.46	5.73	7.58	9.11
Broward	GM2	0.30	0.12	0.20	0.37	0.59	0.96	2.46	3.71	4.87	5.99	7.45	8.54
Caloosahatchee	LN2	0.47	0.22	0.28	0.40	0.56	0.83	2.53	3.82	5.68	7.89	11.42	14.61
Dade	LN3	0.66	0.03	0.14	0.33	0.54	0.87	2.13	3.16	4.22	5.30	6.81	8.03
East EAA	GM3	0.49	0.28	0.32	0.44	0.63	0.97	2.65	4.01	5.40	6.78	8.60	9.99
Everglades	GM3	0.31	0.12	0.18	0.31	0.48	0.76	1.93	2.91	3.83	4.71	5.86	6.73
Lake Okeechobee	LN2	0.57	0.31	0.38	0.53	0.71	1.02	2.67	3.95	5.63	7.55	10.50	13.08
Lower Kissimmee	GM3	0.45	0.29	0.37	0.55	0.78	1.17	2.82	4.19	5.48	6.74	8.37	9.59
Martin St Lucie	WB2	0.34	0.14	0.22	0.42	0.69	1.16	3.04	4.56	5.85	7.01	8.44	9.45
Palm Beach	LN3	0.18	0.31	0.45	0.70	0.98	1.41	3.12	4.49	5.91	7.37	9.42	11.08
SW Coast	GM3	0.29	0.05	0.08	0.19	0.35	0.65	2.17	3.38	4.64	5.89	7.54	8.80
Upper Kissimmee	LN2	0.80	0.40	0.49	0.68	0.89	1.25	3.09	4.56	6.38	8.44	11.54	14.23
WCA 1&2	WB2	0.39	0.10	0.17	0.32	0.54	0.94	2.61	3.89	5.04	6.09	7.39	8.31
WCA 3	GM3	0.29	0.17	0.24	0.40	0.59	0.92	2.27	3.39	4.43	5.44	6.74	7.72
WestAg	GM2	0.41	0.10	0.17	0.33	0.55	0.91	2.42	3.68	4.86	6.01	7.50	8.62

(DRP, WRP = Dry and Wet Return Periods in years)

Table D4. April Regional Rainfall Depth-Return Interval Estimates and Historical Averages for each Basin.

Basin	Distrib	χ^2 Ratio	100 DRP (inches)	50 DRP (inches)	20 DRP (inches)	10 DRP (inches)	5 DRP (inches)	Average (inches)	5 WRP (inches)	10 WRP (inches)	20 WRP (inches)	50 WRP (inches)	100 WRP (inches)
Big Cypress	WB2	0.39	0.18	0.27	0.48	0.75	1.18	2.55	3.94	4.90	5.76	6.78	7.49
Broward	LN3	0.49	0.12	0.31	0.64	1.00	1.53	3.49	5.12	6.68	8.26	10.42	12.14
Caloosahatchee	LN3	0.42	0.00	0.00	0.25	0.62	1.11	2.35	3.50	4.29	5.01	5.89	6.52
Dade	GM3	0.42	0.00	0.00	0.23	0.67	1.30	3.11	4.74	5.96	7.08	8.46	9.46
East EAA	WB2	0.36	0.20	0.31	0.53	0.81	1.25	2.62	3.96	4.88	5.68	6.64	7.30
Everglades	WB2	0.31	0.18	0.27	0.48	0.74	1.18	2.56	3.93	4.89	5.75	6.76	7.47
Lake Okeechobee	NO2	0.40	0.00	0.01	0.00	0.59	1.24	2.48	3.73	4.38	5.07	5.52	5.92
Lower Kissimmee	NO2	0.27	0.00	0.00	0.00	0.51	1.19	2.49	3.80	4.48	5.21	5.68	6.10
Martin St Lucie	LN3	0.31	0.00	0.14	0.47	0.81	1.28	2.74	4.01	5.06	6.06	7.37	8.36
Palm Beach	WB2	0.25	0.20	0.30	0.55	0.86	1.37	3.13	4.72	5.90	6.96	8.22	9.10
SW Coast	WB2	0.20	0.12	0.19	0.35	0.57	0.94	2.27	3.49	4.43	5.28	6.31	7.03
Upper Kissimmee	GM2	0.39	0.13	0.21	0.39	0.61	0.97	2.42	3.63	4.75	5.82	7.20	8.24
WCA 1&2	WB2	0.31	0.21	0.33	0.58	0.91	1.44	3.27	4.90	6.11	7.19	8.48	9.38
WCA 3	WB2	0.47	0.21	0.32	0.57	0.88	1.39	3.07	4.65	5.79	6.80	8.00	8.84
WestAg	LN3	0.49	0.00	0.00	0.23	0.67	1.23	2.52	3.74	4.50	5.17	5.97	6.53

(DRP, WRP = Dry and Wet Return Periods in years)

Table D5. May Regional Rainfall Depth-Return Interval Estimates and Historical Averages for each Basin.

Basin	Distrib	χ^2 Ratio	100 DRP (inches)	50 DRP (inches)	20 DRP (inches)	10 DRP (inches)	5 DRP (inches)	Average (inches)	5 WRP (inches)	10 WRP (inches)	20 WRP (inches)	50 WRP (inches)	100 WRP (inches)
Big Cypress	WB2	0.26	0.68	0.94	1.47	2.07	2.96	5.36	7.58	8.99	10.18	11.56	12.50
Broward	LN3	0.15	0.55	0.91	1.52	2.14	3.01	5.66	7.97	9.85	11.65	13.97	15.72
Caloosahatchee	GM2	0.20	0.79	0.99	1.35	1.74	2.31	4.03	5.56	6.75	7.85	9.22	10.21
Dade	GM2	0.21	0.95	1.24	1.77	2.35	3.22	5.99	8.42	10.37	12.19	14.48	16.15
East EAA	WB2	0.34	0.74	0.99	1.47	2.00	2.74	4.58	6.30	7.33	8.19	9.16	9.81
Everglades	WB2	0.26	0.58	0.83	1.33	1.93	2.83	5.46	7.82	9.40	10.76	12.34	13.42
Lake Okeechobee	LN2	0.25	1.13	1.29	1.59	1.90	2.37	4.04	5.49	6.84	8.20	10.06	11.53
Lower Kissimmee	GM2	0.39	0.77	0.96	1.31	1.67	2.20	3.81	5.23	6.33	7.34	8.60	9.52
Martin St Lucie	GM2	0.48	0.92	1.14	1.52	1.93	2.51	4.25	5.80	6.98	8.07	9.42	10.40
Palm Beach	LN3	0.04	0.76	1.10	1.65	2.20	2.95	4.99	6.83	8.19	9.44	11.01	12.17
SW Coast	NO2	0.79	0.00	0.00	0.49	1.37	2.21	3.80	5.39	6.22	7.11	7.68	8.19
Upper Kissimmee	GM2	0.64	0.64	0.82	1.16	1.52	2.06	3.75	5.24	6.42	7.51	8.89	9.89
WCA 1&2	LN2	0.72	1.21	1.41	1.80	2.22	2.87	5.44	7.67	9.92	12.27	15.58	18.26
WCA 3	GM2	0.26	1.03	1.31	1.83	2.39	3.21	5.77	8.04	9.82	11.47	13.54	15.05
WestAg	GM2	0.24	1.02	1.26	1.68	2.13	2.77	4.67	6.37	7.66	8.85	10.32	11.39

(DRP, WRP = Dry and Wet Return Periods in years)

Table D6. June Regional Rainfall Depth-Return Interval Estimates and Historical Averages for each Basin.

Basin	Distrib	χ^2 Ratio	100 DRP (inches)	50 DRP (inches)	20 DRP (inches)	10 DRP (inches)	5 DRP (inches)	Average (inches)	5 WRP (inches)	10 WRP (inches)	20 WRP (inches)	50 WRP (inches)	100 WRP (inches)
Big Cypress	GM2	0.45	2.97	3.45	4.25	5.07	6.19	9.21	11.98	13.93	15.70	17.85	19.40
Broward	GM2	0.59	2.09	2.52	3.28	4.07	5.19	8.41	11.31	13.47	15.44	17.88	19.65
Caloosahatchee	LN2	0.47	3.31	3.66	4.27	4.89	5.76	8.46	10.81	12.75	14.60	17.01	18.84
Dade	NO2	0.36	0.00	0.34	1.62	3.60	5.46	9.01	12.56	14.41	16.39	17.67	18.82
East EAA	GM2	0.62	2.40	2.82	3.54	4.28	5.31	8.13	10.70	12.55	14.23	16.29	17.76
Everglades	LN2	0.35	2.71	3.07	3.71	4.38	5.37	8.77	11.69	14.33	16.95	20.48	23.23
Lake Okeechobee	LP3	0.45	2.72	3.10	3.56	4.40	5.32	7.86	10.18	11.84	13.80	15.16	16.45
Lower Kissimmee	LP3	0.25	2.67	3.01	3.43	4.19	5.03	7.43	9.59	11.21	13.18	14.57	15.92
Martin St Lucie	LN3	0.09	1.99	2.37	3.00	3.63	4.51	7.02	9.26	10.98	12.60	14.66	16.19
Palm Beach	GM2	0.29	1.95	2.36	3.10	3.86	4.95	8.10	10.93	13.05	14.99	17.39	19.13
SW Coast	LP3	0.38	3.07	3.44	3.89	4.71	5.61	8.31	10.69	12.56	14.89	16.57	18.22
Upper Kissimmee	GM2	0.50	2.40	2.78	3.42	4.07	4.96	7.35	9.54	11.08	12.47	14.17	15.39
WCA 1&2	LN2	0.44	2.70	3.05	3.67	4.32	5.27	8.49	11.28	13.76	16.21	19.50	22.05
WCA 3	LN2	0.54	3.14	3.52	4.19	4.89	5.90	9.18	12.04	14.51	16.94	20.14	22.61
WestAg	LN2	0.52	3.31	3.67	4.29	4.92	5.81	8.58	11.00	13.00	14.92	17.42	19.32

(DRP, WRP = Dry and Wet Return Periods in years)

Table D7. July Regional Rainfall Depth-Return Interval Estimates and Historical Averages for each Basin.

Basin	Distrib	χ^2 Ratio	100 DRP (inches)	50 DRP (inches)	20 DRP (inches)	10 DRP (inches)	5 DRP (inches)	Average (inches)	5 WRP (inches)	10 WRP (inches)	20 WRP (inches)	50 WRP (inches)	100 WRP (inches)
Big Cypress	LN2	0.13	4.17	4.47	4.95	5.42	6.04	7.68	9.19	10.25	11.22	12.43	13.30
Broward	NO2	0.40	1.66	2.21	2.81	3.75	4.63	6.30	7.98	8.86	9.80	10.40	10.94
Caloosahatchee	GM2	0.50	3.91	4.26	4.82	5.35	6.05	7.71	9.28	10.28	11.16	12.21	12.94
Dade	LN3	0.16	2.31	2.83	3.61	4.32	5.21	7.00	8.77	9.75	10.58	11.53	12.18
East EAA	NO2	0.24	2.99	3.47	4.02	4.86	5.64	7.15	8.66	9.44	10.28	10.83	11.31
Everglades	WB2	0.12	2.61	3.07	3.81	4.50	5.36	6.89	8.48	9.21	9.79	10.42	10.82
Lake Okeechobee	GM2	0.18	3.65	3.98	4.49	4.99	5.63	7.16	8.61	9.53	10.34	11.31	11.98
Lower Kissimmee	GM2	0.11	3.64	3.95	4.45	4.93	5.55	7.02	8.40	9.28	10.05	10.97	11.61
Martin St Lucie	NO2	0.07	2.36	2.83	3.35	4.17	4.93	6.38	7.84	8.60	9.41	9.93	10.40
Palm Beach	WB2	0.24	1.94	2.38	3.11	3.83	4.76	6.57	8.43	9.36	10.10	10.91	11.43
SW Coast	GM3	0.25	4.03	4.44	5.08	5.68	6.46	8.19	9.84	10.85	11.72	12.74	13.45
Upper Kissimmee	LN3	0.41	3.38	3.85	4.55	5.19	5.97	7.53	9.06	9.90	10.60	11.40	11.94
WCA 1&2	NO2	0.35	2.29	2.80	3.36	4.24	5.06	6.62	8.19	9.01	9.88	10.45	10.96
WCA 3	NO2	0.52	2.66	3.20	3.80	4.73	5.61	7.28	8.95	9.82	10.75	11.35	11.89
WestAg	LP3	0.64	3.92	4.28	4.70	5.41	6.11	7.61	9.08	9.90	10.79	11.34	11.85

(DRP, WRP = Dry and Wet Return Periods in years)

Table D8. August Regional Rainfall Depth-Return Interval Estimates and Historical Averages for each Basin.

Basin	Distrib	χ^2 Ratio	100 DRP (inches)	50 DRP (inches)	20 DRP (inches)	10 DRP (inches)	5 DRP (inches)	Average (inches)	5 WRP (inches)	10 WRP (inches)	20 WRP (inches)	50 WRP (inches)	100 WRP (inches)
Big Cypress	NO2	0.93	3.74	4.22	4.75	5.58	6.35	7.83	9.30	10.08	10.90	11.43	11.91
Broward	GM2	0.26	2.71	3.06	3.63	4.20	4.96	6.90	8.70	9.92	11.00	12.32	13.25
Caloosahatchee	GM2	0.27	4.07	4.39	4.91	5.40	6.04	7.53	8.94	9.83	10.61	11.53	12.17
Dade	LN2	0.35	3.62	3.93	4.45	4.97	5.68	7.66	9.44	10.78	12.04	13.62	14.79
East EAA	NO2	0.49	2.88	3.38	3.93	4.79	5.60	7.14	8.67	9.48	10.34	10.89	11.39
Everglades	LN2	0.57	3.98	4.27	4.75	5.23	5.87	7.56	9.10	10.21	11.23	12.49	13.41
Lake Okeechobee	LN3	0.09	3.64	3.96	4.46	4.93	5.55	6.99	8.36	9.23	10.00	10.93	11.59
Lower Kissimmee	GM2	0.17	3.21	3.52	4.02	4.51	5.15	6.70	8.16	9.10	9.94	10.93	11.63
Martin St Lucie	GM3	0.22	2.50	2.84	3.39	3.93	4.63	6.33	7.92	8.95	9.86	10.95	11.72
Palm Beach	GM2	0.20	2.65	2.98	3.54	4.09	4.82	6.70	8.44	9.62	10.68	11.95	12.85
SW Coast	NO2	1.00	3.29	3.81	4.39	5.29	6.13	7.74	9.35	10.19	11.09	11.67	12.19
Upper Kissimmee	LN2	1.09	3.51	3.79	4.24	4.69	5.30	6.95	8.45	9.54	10.56	11.82	12.75
WCA 1&2	LN2	0.25	3.29	3.58	4.06	4.54	5.20	7.06	8.74	10.01	11.19	12.70	13.81
WCA 3	LN2	0.44	3.89	4.18	4.67	5.14	5.78	7.50	9.07	10.20	11.24	12.54	13.49
WestAg	GM2	0.33	4.21	4.51	4.99	5.44	6.02	7.35	8.62	9.41	10.10	10.91	11.47

(DRP, WRP = Dry and Wet Return Periods in years)

Table D9. September Regional Rainfall Depth-Return Interval Estimates and Historical Averages for each Basin.

Basin	Distrib	χ^2 Ratio	100 DRP (inches)	50 DRP (inches)	20 DRP (inches)	10 DRP (inches)	5 DRP (inches)	Average (inches)	5 WRP (inches)	10 WRP (inches)	20 WRP (inches)	50 WRP (inches)	100 WRP (inches)
Big Cypress	LP3	0.06	3.88	4.20	4.60	5.31	6.09	8.45	10.51	12.19	14.35	15.94	17.55
Broward	GM2	0.43	2.86	3.28	4.00	4.72	5.70	8.30	10.69	12.35	13.85	15.68	16.98
Caloosahatchee	LP3	0.28	2.76	3.07	3.44	4.13	4.88	7.13	9.12	10.70	12.68	14.11	15.54
Dade	LN2	0.22	3.50	3.87	4.51	5.16	6.08	8.91	11.38	13.40	15.34	17.87	19.77
East EAA	GM3	0.31	3.26	3.48	3.89	4.35	5.04	7.36	9.37	11.02	12.58	14.54	15.98
Everglades	LN2	0.29	3.85	4.21	4.80	5.40	6.23	8.62	10.73	12.37	13.91	15.88	17.35
Lake Okeechobee	GM2	0.29	2.26	2.61	3.21	3.80	4.62	6.80	8.79	10.19	11.46	13.00	14.10
Lower Kissimmee	LN3	0.45	2.11	2.45	3.03	3.60	4.39	6.56	8.51	9.97	11.32	13.03	14.29
Martin St Lucie	LN3	1.26	2.10	2.53	3.23	3.92	4.83	7.19	9.35	10.87	12.25	13.95	15.17
Palm Beach	GM2	0.36	2.60	3.02	3.74	4.47	5.47	8.18	10.66	12.41	14.00	15.94	17.33
SW Coast	LN2	0.75	3.50	3.83	4.40	4.97	5.77	8.10	10.17	11.79	13.33	15.30	16.77
Upper Kissimmee	GM2	0.21	1.76	2.09	2.68	3.28	4.11	6.48	8.62	10.19	11.62	13.38	14.64
WCA 1&2	LN3	0.21	2.96	3.39	4.10	4.79	5.71	8.12	10.32	11.88	13.30	15.06	16.33
WCA 3	GM3	0.64	3.81	4.09	4.62	5.18	6.00	8.54	10.79	12.55	14.18	16.22	17.71
WestAg	LN2	0.31	3.09	3.40	3.93	4.46	5.20	7.41	9.36	10.92	12.39	14.30	15.73

(DRP, WRP = Dry and Wet Return Periods in years)

Table D10. October Regional Rainfall Depth-Return Interval Estimates and Historical Averages for each Basin.

Basin	Distrib	χ^2 Ratio	100 DRP (inches)	50 DRP (inches)	20 DRP (inches)	10 DRP (inches)	5 DRP (inches)	Average (inches)	5 WRP (inches)	10 WRP (inches)	20 WRP (inches)	50 WRP (inches)	100 WRP (inches)
Big Cypress	GM2	0.43	0.73	0.97	1.41	1.90	2.63	5.02	7.11	8.80	10.38	12.38	13.84
Broward	GM2	0.26	1.18	1.55	2.26	3.04	4.20	8.00	11.33	14.02	16.54	19.72	22.05
Caloosahatchee	GM2	0.39	0.29	0.44	0.73	1.08	1.63	3.69	5.44	6.97	8.44	10.32	11.72
Dade	LN2	0.72	1.67	1.94	2.45	3.00	3.84	7.12	9.88	12.65	15.51	19.51	22.73
East EAA	GM3	0.26	0.70	0.85	1.17	1.57	2.20	4.62	6.67	8.50	10.26	12.53	14.22
Everglades	GM2	0.20	1.07	1.35	1.87	2.43	3.25	5.78	8.01	9.76	11.38	13.41	14.89
Lake Okeechobee	GM2	0.26	0.35	0.50	0.81	1.17	1.73	3.74	5.47	6.96	8.37	10.18	11.51
Lower Kissimmee	WB2	0.33	0.22	0.34	0.62	0.98	1.58	3.78	5.62	7.07	8.37	9.93	11.02
Martin St Lucie	GM3	0.25	1.15	1.31	1.66	2.08	2.78	5.47	7.74	9.80	11.77	14.32	16.22
Palm Beach	GM3	0.25	1.63	1.79	2.15	2.63	3.42	6.73	9.48	12.07	14.57	17.83	20.27
SW Coast	GM2	0.39	0.33	0.49	0.81	1.20	1.82	4.10	6.04	7.73	9.36	11.44	12.98
Upper Kissimmee	GM2	0.25	0.25	0.38	0.64	0.96	1.47	3.36	4.97	6.39	7.76	9.50	10.80
WCA 1&2	LN2	0.48	1.51	1.78	2.27	2.82	3.66	7.11	9.97	12.96	16.09	20.52	24.14
WCA 3	LN3	0.12	1.17	1.49	2.05	2.64	3.51	6.51	9.05	11.35	13.65	16.73	19.13
WestAg	GM2	0.39	0.51	0.70	1.07	1.49	2.13	4.33	6.23	7.82	9.32	11.23	12.63

(DRP, WRP = Dry and Wet Return Periods in years)

Table D11. November Regional Rainfall Depth-Return Interval Estimates and Historical Averages for each Basin.

Basin	Distrib	χ^2 Ratio	100 DRP (inches)	50 DRP (inches)	20 DRP (inches)	10 DRP (inches)	5 DRP (inches)	Average (inches)	5 WRP (inches)	10 WRP (inches)	20 WRP (inches)	50 WRP (inches)	100 WRP (inches)
Big Cypress	GM2	0.18	0.10	0.16	0.29	0.44	0.71	1.74	2.61	3.40	4.16	5.15	5.88
Broward	LN2	0.31	0.48	0.58	0.78	1.01	1.38	3.12	4.53	6.19	8.01	10.70	12.98
Caloosahatchee	GM2	0.66	0.07	0.12	0.23	0.37	0.61	1.58	2.39	3.14	3.87	4.82	5.53
Dade	LN3	0.24	0.23	0.34	0.53	0.74	1.06	2.38	3.42	4.52	5.65	7.25	8.54
East EAA	LN2	0.49	0.26	0.32	0.44	0.59	0.83	2.10	3.07	4.33	5.75	7.92	9.80
Everglades	GM2	0.17	0.14	0.21	0.36	0.55	0.84	1.97	2.91	3.76	4.57	5.61	6.38
Lake Okeechobee	GM2	0.15	0.10	0.16	0.28	0.44	0.70	1.72	2.58	3.37	4.12	5.10	5.83
Lower Kissimmee	LN2	0.59	0.18	0.22	0.31	0.42	0.61	1.67	2.52	3.65	4.96	6.99	8.80
Martin St Lucie	GM2	0.47	0.18	0.27	0.45	0.68	1.04	2.39	3.54	4.56	5.53	6.78	7.71
Palm Beach	LN3	0.14	0.27	0.41	0.67	0.95	1.39	3.07	4.45	5.84	7.27	9.27	10.87
SW Coast	GM2	0.44	0.07	0.11	0.22	0.35	0.58	1.50	2.28	3.00	3.70	4.61	5.29
Upper Kissimmee	GM3	0.35	0.09	0.11	0.19	0.31	0.55	1.82	2.83	3.92	5.00	6.44	7.54
WCA 1&2	LN3	0.24	0.30	0.44	0.69	0.96	1.36	2.91	4.17	5.42	6.70	8.47	9.87
WCA 3	GM2	0.58	0.19	0.28	0.46	0.67	1.01	2.26	3.33	4.25	5.14	6.27	7.12
WestAg	GM2	0.66	0.10	0.16	0.28	0.44	0.70	1.72	2.57	3.35	4.10	5.06	5.79

(DRP, WRP = Dry and Wet Return Periods in years)

Table D12. December Regional Rainfall Depth-Return Interval Estimates and Historical Averages for each Basin.

Basin	Distrib	χ^2 Ratio	100 DRP (inches)	50 DRP (inches)	20 DRP (inches)	10 DRP (inches)	5 DRP (inches)	Average (inches)	5 WRP (inches)	10 WRP (inches)	20 WRP (inches)	50 WRP (inches)	100 WRP (inches)
Big Cypress	GM3	0.15	0.15	0.16	0.20	0.27	0.43	1.34	2.05	2.85	3.65	4.73	5.56
Broward	GM2	0.44	0.09	0.15	0.30	0.48	0.80	2.12	3.22	4.25	5.26	6.56	7.54
Caloosahatchee	GM3	0.48	0.06	0.09	0.16	0.27	0.48	1.55	2.41	3.30	4.19	5.37	6.26
Dade	LN2	0.29	0.17	0.21	0.29	0.39	0.55	1.47	2.15	3.08	4.13	5.75	7.17
East EAA	LN2	0.56	0.13	0.17	0.24	0.34	0.51	1.60	2.38	3.57	4.99	7.27	9.33
Everglades	LN2	0.41	0.14	0.18	0.25	0.34	0.49	1.35	1.98	2.85	3.86	5.43	6.81
Lake Okeechobee	GM3	0.51	0.08	0.11	0.19	0.31	0.52	1.55	2.38	3.22	4.05	5.15	5.98
Lower Kissimmee	LN2	0.43	0.17	0.21	0.29	0.40	0.58	1.59	2.38	3.45	4.69	6.61	8.32
Martin St Lucie	LP3	0.55	0.15	0.20	0.28	0.45	0.69	1.82	2.73	3.69	4.98	5.95	6.93
Palm Beach	LN3	0.31	0.20	0.28	0.43	0.60	0.87	2.15	3.11	4.26	5.51	7.33	8.86
SW Coast	LN3	0.21	0.08	0.13	0.23	0.34	0.53	1.54	2.28	3.26	4.36	6.04	7.49
Upper Kissimmee	GM2	0.27	0.08	0.14	0.28	0.46	0.77	2.04	3.10	4.10	5.06	6.32	7.26
WCA 1&2	GM2	0.26	0.09	0.16	0.30	0.48	0.79	2.03	3.07	4.04	4.97	6.18	7.09
WCA 3	LN3	0.45	0.14	0.19	0.29	0.41	0.59	1.55	2.27	3.16	4.16	5.65	6.92
WestAg	LN2	0.68	0.11	0.14	0.20	0.29	0.44	1.43	2.14	3.25	4.59	6.76	8.75

(DRP, WRP = Dry and Wet Return Periods in years)