

Appendix 5

DIVISION: 9
 COUNTY: JACKSON

JACKSON FAA AP
 STATION #4150
 PERIOD ANALYSIS FOR 1971 -2000 (30 YEARS)
 PRECIPITATION (INCHES)

DATE OF RUN
 11/09/04

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1971	.81	2.39	.88	.56	1.56	1.45	6.13	1.09	4.45	2.04	1.42	3.65	26.43
1972	1.18	.76	2.40	3.93	3.42	2.39	2.19	4.17	5.56	2.85	2.89	3.36	35.10
1973	1.53	1.33	3.32	2.01	4.15	1.80	5.23	3.93	3.38	1.76	2.91	2.73	34.08
1974	2.19	2.18	5.24	2.99	4.66	2.18	.62	3.28	1.53	.65	2.29	1.97	29.78
1975	2.38	2.55	2.03	3.16	4.40	3.83	2.22	9.28	1.19	1.04	2.22	2.85	37.15
1976	1.80	1.70	3.58	2.24	3.00	5.06	2.19	.23	2.67	2.15	1.11	.67	26.40
1977	.85	.88	3.49	3.04	1.14	3.87	1.91	2.34	3.43	1.32	1.65	2.33	26.25
1978	3.03	.63	1.76	2.16	3.46	2.73	1.83	1.63	3.70	2.28	1.78	2.21	27.20
1979	2.01	.68	1.61	2.41	1.92	3.90	1.59	3.84	.43	1.55	3.04	1.81	24.79
1980	.62	.70	1.96	3.49	1.97	3.09	3.24	6.12	3.65	1.03	.62	3.35	29.84
1981	.52	1.40	.32	5.44	3.79	4.15	5.63	3.79	7.07	3.30	1.78	1.57	38.76
1982	2.40	.83	3.59	1.09	3.08	3.95	3.74	1.26	2.23	.69	4.90	2.23	29.99
1983	.83	.55	1.81	3.60	4.16	3.25	6.09	1.96	1.94	2.06	2.41	1.90	30.56
1984	.33	.63	3.20	2.48	3.30	.47	1.00	.83	4.61	2.14	2.78	2.63	24.40
1985	1.83	1.97	2.82	2.18	2.94	1.34	4.33	1.85	2.75	3.65	4.10	1.25	31.01
1986	.58	2.14	1.19	2.15	3.60	2.88	4.08	2.76	7.04	2.55	1.07	.89	30.93
1987	.85	.05	1.42	1.71	2.88	2.44	1.53	6.12	3.02	2.18	2.38	3.00	27.58
1988	.87	1.11	1.36	3.11	.68	.54	4.64	3.87	8.19	4.13	5.53	1.80	35.83
1989	1.18	.53	2.09	2.10	5.94	3.38	3.18	3.44	3.44	.74	2.43	2.18	30.63
1990	1.15	2.73	1.91	2.54	4.27	3.28	2.04	3.05	3.51	3.26	3.73	3.69	35.16
1991	1.08	.71	2.04	2.92	1.76	1.12	3.87	3.79	2.86	5.91	2.93	1.07	30.06
1992	1.06	.97	1.64	1.84	1.25	3.04	6.48	2.46	3.65	2.90	3.89	1.77	30.95
1993	1.51	.97	.96	1.85	1.44	5.65	3.66	2.91	6.53	2.76	1.40	.86	30.50
1994	1.26	.66	.42	3.52	1.39	5.37	3.52	4.81	2.00	1.80	3.49	2.17	30.41
1995	1.89	.59	.51	3.10	2.18	3.18	3.21	6.34	1.43	3.89	2.82	1.03	30.17
1996	1.24	1.11	.56	3.06	1.84	4.78	2.76	2.74	3.24	2.23	3.67	2.25	29.48
1997	2.33	2.56	4.40	1.15	2.76	3.37	2.41	4.73	3.77	1.39	2.41	2.08	33.36
1998	3.08	1.96	3.10	3.33	1.63	5.01	2.59	4.21	1.70	2.37	1.83	.63	31.44
1999	1.88	.66	.67	5.19	1.53	4.34	3.73	2.15	1.92	1.17	1.18	2.26	26.68
2000	.98	1.06	1.07	3.77	6.92	5.92	2.31	5.26	2.40	3.02	1.73	1.67	36.11

NON-ZERO ZEROS	30	30	30	30	30	30	30	30	30	30	30	30	30
PROB OF ZERO	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
NUMBER YEARS MEAN	1.442	1.233	2.045	2.737	2.901	3.259	3.265	3.475	3.443	2.294	2.546	2.062	30.701

NOTE: STATISTICS ARE COMPUTED ON THE NON-ZERO VALUES

VARIANCE	.533	.547	1.553	1.167	2.175	2.117	2.407	3.665	3.484	1.359	1.338	.730	13.599
STND DEV	.730	.739	1.246	1.080	1.475	1.455	1.551	1.914	1.867	1.166	1.157	.854	3.688
SKEW	.630	.684	.674	.462	.770	-.121	.489	.851	.915	.946	.648	.149	.330
KURTOSIS	2.558	2.203	2.832	3.502	3.286	2.372	2.446	4.154	3.315	4.307	3.092	2.344	2.473

NOTE: A MISSING OR INCOMPLETE VALUE, INDICATED BY THE FIELD BEING FILLED WITH 9s, IS NOT INCLUDED IN THE ANALYSIS.

JACKSON FAA AP
 STATION #4150
 PERIOD ANALYSIS FOR 1971 -2000 (30 YEARS)
 PRECIPITATION (INCHES) STATISTICS
 DATE OF RUN
 11/09/04

PARAMETER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
NUMBER YEARS	30	30	30	30	30	30	30	30	30	30	30	30	30
MEAN	1.442	1.233	2.045	2.737	2.901	3.259	3.265	3.475	3.443	2.294	2.546	2.062	30.701
VARIANCE	.533	.547	1.553	1.167	2.175	2.117	2.407	3.665	3.484	1.359	1.338	.730	13.599
STND DEV	.730	.739	1.246	1.080	1.475	1.455	1.551	1.914	1.867	1.166	1.157	.854	3.688
SKEW	.630	.684	.674	.462	.770	-.121	.489	.851	.915	.946	.648	.149	.330
KURTOSIS	2.558	2.203	2.832	3.502	3.286	2.372	2.446	4.154	3.315	4.307	3.092	2.344	2.473
GAMMA	3.922	2.476	2.487	5.763	3.955	3.620	4.158	2.788	3.388	3.947	4.797	5.175	72.551
BETA	.368	.498	.822	.475	.733	.900	.785	1.246	1.016	.581	.531	.398	.423
PROB OF ZERO LEVELS	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00

	PROBABILITY PERCENTILE VALUES												
01	.29	.13	.22	.79	.59	.60	.70	.46	.59	.47	.63	.54	22.94
05	.49	.28	.47	1.17	.98	1.04	1.15	.89	1.04	.78	.98	.83	25.02
10	.62	.39	.66	1.41	1.26	1.34	1.45	1.21	1.37	.99	1.22	1.02	26.18
20	.82	.57	.96	1.76	1.66	1.80	1.90	1.72	1.86	1.31	1.55	1.29	27.63
25	.91	.66	1.09	1.91	1.83	2.00	2.09	1.94	2.07	1.45	1.70	1.40	28.20
30	.99	.74	1.22	2.04	2.00	2.19	2.28	2.16	2.28	1.58	1.83	1.51	28.71
40	1.15	.90	1.49	2.31	2.32	2.57	2.64	2.60	2.69	1.83	2.10	1.72	29.66
50	1.32	1.07	1.78	2.58	2.66	2.96	3.01	3.07	3.11	2.10	2.37	1.93	30.56
60	1.50	1.26	2.10	2.87	3.02	3.39	3.41	3.58	3.58	2.39	2.66	2.16	31.48
70	1.71	1.50	2.48	3.20	3.45	3.90	3.88	4.19	4.13	2.73	3.00	2.43	32.48
75	1.84	1.63	2.71	3.39	3.70	4.19	4.16	4.56	4.46	2.93	3.20	2.58	33.05
80	1.99	1.80	2.98	3.62	3.99	4.54	4.48	4.99	4.84	3.16	3.43	2.76	33.68
90	2.41	2.28	3.78	4.26	4.83	5.55	5.41	6.25	5.95	3.82	4.09	3.28	35.40
95	2.79	2.74	4.53	4.83	5.59	6.48	6.26	7.42	6.98	4.42	4.69	3.74	36.85
99	3.55	3.73	6.17	6.00	7.09	8.45	8.08	9.87	9.19	5.62	5.92	4.73	39.67