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## UA66/8/2 Climate of Farmers, Kentucky

WKU Kentucky Climate Center

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# Climate of Farmers Kentucky

KENTUCKY CLIMATE CENTER

CLIMATOLOGY OF KENTUCKY SERIES

TOTAL PRECIPITATION

FARMERS		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	6.90	5.24	4.20	2.34	4.02	2.94	2.66	3.08	3.27	0.75	6.38	6.80	48.58	
1952	5.84	2.59	6.48	2.53	4.31	2.83	1.59	4.15	2.12	1.03	3.71	3.01	40.79	
1953	4.10	2.01	4.53	3.99	5.89	2.63	2.38	3.48	1.32	0.70	1.16	2.97	34.87	
1954	3.76	1.59	3.09	3.71	3.38	2.40	2.39	5.88	3.32	2.41	2.01	3.56	37.50	
1955	2.49	6.01	7.95	2.27	4.15	3.59	5.33	1.02	3.12	3.24	2.04	1.68	42.89	
1956	2.85	8.84	5.88	4.44	3.55	7.48	5.61	3.15	3.76	1.64	2.99	5.86	56.48	
1957	4.83	3.27	2.87	4.18	3.19	3.03	2.25	1.34	4.64	2.38	4.82	4.46	41.07	
1958	1.83	2.87	2.86	5.80	5.83	3.43	9.51	5.82	2.38	1.72	3.18	1.05	45.98	
1959	4.23	2.27	2.27	3.34	4.63	3.98	7.16	4.44	2.22	3.37	3.35	2.71	43.98	
1960	2.66	5.15	2.31	0.85	4.18	5.97	5.44	3.95	3.35	3.57	2.49	1.92	41.84	
1961	2.91	3.47	3.99	4.85	5.62	5.69	5.14	5.88	1.35	1.91	2.99	3.78	47.57	
1962	4.00	6.56	5.45	3.91	3.81	4.22	5.30	2.78	2.63	2.85	4.58	3.09	48.19	
1963	1.73	1.86	6.46	1.91	3.42	2.36	3.82	3.87	2.98	0.11	1.91	1.17	35.21	
1964	2.85	3.59	7.66	2.86	1.28	1.53	4.33	4.21	3.21	0.36	2.82	4.86	39.86	
1965	3.35	2.68	5.45	5.04	1.54	3.42	10.00	4.35	5.26	3.28	1.32	0.46	46.15	
1966	3.89	3.36	1.05	5.10	3.66	1.88	6.96	5.56	3.76	1.66	3.88	4.64	44.09	
1967	1.41	2.30	6.75	3.51	6.42	2.47	6.66	2.04	2.85	2.04	5.35	2.81	44.71	
1968	1.93	0.70	5.74	4.34	7.13	4.57	1.84	7.63	1.68	2.78	3.15	2.09	43.69	
1969	2.11	1.32	1.77	3.13	2.50	3.18	4.32	3.88	2.22	1.80	3.05	4.18	33.47	
1970	0.79	3.64	3.08	7.73	5.00	2.83	5.22	4.24	5.83	2.88	2.59	4.59	48.22	
1971	2.88	4.12	1.94	2.71	6.40	5.50	8.61	1.13	5.48	0.93	1.65	3.44	44.77	
1972	5.02	4.70	3.74	8.74	3.58	5.31	3.38	5.38	4.08	2.45	4.78	5.70	56.88	
1973	1.81	2.23	3.51	5.13	8.88	3.78	3.22	3.58	2.87	3.13	5.67	2.64	43.87	
1974	6.80	1.58	6.55	4.12	5.92	6.09	3.98	8.02	4.73	2.08	1.39	4.28	56.82	
1975	3.72	4.33	8.09	4.57	3.09	7.96	5.56	4.25	7.61	4.32	1.53	3.95	58.98	
1976	3.87	3.44	3.41	1.47	3.06	4.79	4.82	2.77	3.80	4.47	0.50	1.82	38.22	
1977	2.56	0.82	3.47	5.48	2.12	3.45	6.48	5.14	1.53	6.32	3.44	3.17	43.58	
1978	6.50	0.84	4.88	3.11	6.29	2.44	9.82	5.81	2.99	3.76	3.23	11.41	60.98	
1979	4.93	3.50	1.57	3.66	5.23	6.17	8.51	4.42	6.63	3.62	3.22	3.18	54.64	
1980	1.85	1.84	4.58	4.45	3.14	1.88	5.06	3.64	3.22	1.92	3.74	1.84	36.96	
SUM	103.38	87.16	133.38	119.17	128.60	118.93	159.05	125.98	104.01	73.80	82.74	106.12	1361.31	
MEAN	3.45	3.24	4.45	3.87	4.32	3.80	5.30	4.20	3.47	2.46	3.08	3.54	45.38	
STD	1.62	1.85	2.10	1.69	1.55	1.73	2.38	1.76	1.52	1.35	1.41	2.11	7.38	

GREATEST DAILY PRECIPITATION

FARMERS		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	1.15	2.40	0.86	0.43	0.82	1.05	0.64	0.86	1.23	0.43	1.44	1.31	2.40	
1952	1.01	0.74	2.14	0.75	1.03	0.82	0.53	1.58	0.72	0.39	1.83	1.35	2.14	
1953	0.68	0.83	1.27	0.82	0.81	0.50	0.88	2.08	0.51	0.46	0.51	0.58	2.08	
1954	1.00	0.92	1.25	1.50	0.55	0.89	1.53	1.90	1.85	0.88	0.40	0.84	1.90	
1955	0.69	1.46	2.78	0.57	1.05	0.84	1.45	0.47	1.37	1.57	0.38	0.71	2.78	
1956	1.22	2.00	1.39	1.11	1.20	2.12	1.39	0.98	1.25	0.70	1.13	1.67	2.12	
1957	1.48	0.82	0.59	0.75	1.24	0.80	1.81	0.82	1.72	1.47	1.87	0.95	1.87	
1958	0.41	0.83	0.88	0.88	1.35	1.31	2.58	1.65	1.36	0.82	0.88	0.47	2.58	
1959	1.06	0.89	0.54	0.83	1.26	2.34	2.53	2.36	1.04	0.88	0.65	0.58	2.53	
1960	1.84	0.58	0.35	0.75	2.58	1.54	0.96	1.63	0.80	0.52	0.74	2.58		
1961	1.03	0.82	0.72	1.28	1.33	1.78	0.87	2.70	0.48	1.04	0.77	1.34	2.70	
1962	0.84	1.60	1.72	0.93	0.87	1.38	1.71	1.05	0.82	1.11	1.80	1.18	1.90	
1963	0.45	0.46	2.22	0.75	0.87	0.87	1.36	1.02	1.39	0.11	0.40	0.35	2.22	
1964	0.79	0.76	1.79	0.93	0.58	0.67	1.12	2.04	1.40	0.21	1.40	1.45	2.04	
1965	0.76	0.78	1.38	1.30	0.75	1.04	3.80	1.86	1.34	0.84	0.70	0.17	3.80	
1966	1.44	1.26	0.33	1.10	1.08	0.42	1.23	1.60	0.74	0.89	0.81	1.82	1.82	
1967	0.56	0.58	2.35	1.15	1.74	0.60	1.46	0.88	1.92	0.82	1.60	0.75	2.35	
1968	0.34	0.25	1.86	1.35	1.78	2.09	0.48	1.86	0.58	1.02	0.84	0.78	2.09	
1969	0.35	0.44	0.82	1.05	1.40	1.25	1.08	2.84	1.22	0.55	1.38	1.57	2.84	
1970	0.24	1.82	0.44	1.67	1.77	1.32	3.24	1.43	1.11	0.82	0.97	2.28	3.24	
1971	1.16	0.95	0.42	1.14	1.38	2.32	1.65	0.46	1.88	0.38	0.37	1.12	2.32	
1972	1.04	1.33	1.52	2.35	0.76	1.40	1.10	4.18	1.53	1.22	1.08	2.04	4.18	
1973	0.55	0.70	0.88	0.88	2.45	1.08	1.14	2.24	1.05	1.04	2.40	0.58	2.45	
1974	1.72	0.43	1.20	1.55	1.26	1.30	1.44	2.52	1.25	1.52	0.92	1.41	2.52	
1975	0.72	1.36	2.14	2.11	0.95	2.18	1.52	1.10	2.32	1.81	0.43	0.95	2.32	
1976	0.76	1.27	1.43	0.88	0.50	1.06	0.96	1.23	1.31	1.20	0.45	1.04	1.43	
1977	0.40	0.38	1.43	1.87	0.82	0.72	1.48	2.23	0.60	3.89	0.72	1.10	3.89	
1978	1.44	0.52	1.82	0.98	2.07	0.83	2.10	1.88	1.56	1.72	0.87	3.87	3.87	
1979	1.24	1.08	0.68	0.91	1.35	1.13	2.70	1.05	2.70	1.55	1.11	1.71	2.70	
1980	0.85	0.42	0.61	0.87	0.88	0.66	1.69	1.24	1.53	1.14	1.86	0.57	1.86	
SUM	25.20	29.64	37.91	33.85	34.85	36.50	48.80	49.15	39.47	31.10	30.70	35.27	75.63	
MEAN	0.87	0.89	1.28	1.13	1.16	1.22	1.56	1.64	1.32	1.04	1.02	1.18	2.52	
STD	0.39	0.53	0.67	0.52	0.46	0.62	0.76	0.81	0.53	0.70	0.57	0.72	0.87	

TOTAL SNOWFALL

FARMERS		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	4.8	13.0	1.5	99999	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	3.0	24.2
1952	0.8	0.1	99999	99999	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	1.5	4.9
1953	2.7	99999	1.0	99999	0.0	0.0	0.0	0.0	99999	0.0	0.0	99999	3.0	8.7
1954	9.2	0.2	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99999	2.8	2.4	20.6
1955	10.2	6.3	99999	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.5	18.5
1956	7.2	0.0	99999	99999	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.8	10.1
1957	3.3	99999	3.5	99999	0.0	0.0	0.0	0.0	0.0	99999	99999	2.7	9.5	9.5
1958	4.1	8.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.4	16.3
1959	3.5	99999	99999	99999	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	1.6	8.1
1960	99999	23.5	17.8	99999	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99999	3.6	44.9
1961	8.4	4.0	0.5	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	4.5	19.1
1962	4.0	0.2	2.4	99999	0.0	0.0	0.0	0.0	0.0	99999	0.0	5.0	11.8	11.8
1963	8.4	8.5	99999	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	8.2	25.6
1964	11.5	12.2	99999	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	99999	26.0
1965	13.2	2.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	20.2
1966	12.2	7.0	1.0	99999	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.5	4.0	28.7
1967	4.5	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.5
1968	14.5	3.5	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	21.5
1969	1.8	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	6.2	6.2
1970	8.5	8.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	19.5
1971	8.0	8.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99999	99999	0.0	16.5
1972	1.0	1.5	3.0	99999	0.0	0.0	0.0	0.0	0.0	0.0	99999	99999	0.0	5.5
1973	1.0	0.5	99999	99999	0.0	0.0	0.0	0.0	0.0	0				

