Rainfall Data
Cedar Rapids No 1
Station #19-113
Linn County

Year	Monthly Rainfall in Inches					Wetness Evaluation					July slides April-June		August slides May-July	
	April	May	June	July	August	April	May	June	July	August	Product	Eval	Product	Eval
1979	3.1	2.88	5.73	6.67	8.09	2	2	3	3	3	15	W	15	W
1980	2	2.45	2.85	1.98	4.86	1	1	1	2	2	6	D	7	D
1981	4.94	0.69	5.07	5.35	6.88	3	1	2	2	3	11	N	9	D
1982	2.63	5.56	5.67	8.49	4.18	2	3	2	3	2	14	N	16	W
1983	3.08	5.6	3.8	3.27	2.13	2	3	2	2	1	14	N	15	W
1984	3.37	4.58	6.08	4.92	1	2	2	3	2	1	15	W	14	N
1985	1.32	3.64	1.91	3.15	2.2	1	2	1	2	1	8	D	10	N
1986	2.77	8.83	6.04	3.93	5.72	2	3	3	2	2	17	W	17	W
1987	1.81	3.66	4.11	2.32	11.89	1	2	2	2	3	11	N	12	N
1988	0.83	1.35	2.71	0.53	6	1	1	1	1	3	6	D	6	D
1989	4.35	3	1.69	3.22	3.25	3	2	1	2	2	10	N	10	N
1990	2.71	5.85	11.27	4.77	5.66	2	3	3	2	2	17	W	17	W
1991	3.74	6.1	3.11	0.42	6.44	2	3	1	1	3	11	N	12	N
1992	3.55	0.33	1.11	9.7	2.59	2	1	1	3	1	7	D	8	D
1993	4.31	6.54	8.18	16.99	11.75	3	3	3	3	3	18	W	18	W
1994	2.35	2.4	6.67	6.2	3.61	1	1	3	3	2	12	N	12	N
1995	5.93	6.22	2.64	2.77	0.96	3	3	1	2	1	12	N	13	N
1996	2.17	9.12	4.59	1.79	3.01	1	3	2	1	2	13	N	14	N
1997	2.45	5.42	4.93	0.95	5.28	1	2	2	1	2	11	N	11	N
1998	3.22	4.73	8.28	0.53	8.63	2	2	3	1	3	15	W	13	N
1999	6.09	4.5	5.18	7.3	2.8	3	2	2	3	2	13	N	13	N
2000	3.37	4.31	6.65	3.77	2.77	2	2	3	2	2	15	W	14	N
2001	2.89	7.65	3.81	3.67	2.64	2	3	2	2	1	14	N	15	W
2002	4.18	5.97	6.95	7.02	3.54	3	3	3	3	2	18	W	18	W
2003	4	3.75	4.34	3.54	1.1	2	2	2	2	1	12	N	12	N
2004	1.21	10.09	3.87	1.52	4.97	1	3	2	1	2	13	N	14	N
2005	2.29	4.23	3.25	2.13	2.81	1	2	1	2	2	8	D	10	N
2006	4.26	2.48	3.98	3.62	5.55	3	1	2	2	2	11	N	9	D
2007	4.08	3.66	5.11	4.69	6.04	2	2	2	2	3	12	N	12	N
2008	7.22	6.42	9.5	7.45	3	3	3	3	3	2	18	W	18	W
2009	3.19	2.71	4.08	6.34	13.03	2	1	2	3	3	10	N	10	N
2010	4.37	3.34	9.18	7.38	5.45	3	2	3	3	2	16	W	15	W
2011	3.78	3.4	5.98	4.66	3.45	2	2	3	2	2	15	W	14	N
2012	3.61	1.36	2.85	1.34	2.97	2	1	1	1	2	7	D	6	D
2013	8.39	6.25	6.3	3.64	1.1	3	3	3	2	1	18	W	17	W
2014	6.89	2.75	11.65	3.40	2.37	3	1	3	2	1	14	N	11	N

Normals are for 1971-2000 data

* divisional data used

April	3.46
May	4.50
June	4.80
July	4.47
August	4.73

Normal: inside 30% chance values
Dry: < lower bound for 30% chance
Wet: > upper bound for 30% chance

1=Dry, 2=Normal, 3=Wet

Missing Data

Month	30% chance Lower Bound - D	N	30% chance Upper Bound - W
April	2.47	3.46	4.09
May	2.80	4.50	5.44
June	3.35	4.80	5.70
July	1.94	4.47	5.44
August	2.67	4.73	5.76
PGS-Apr-June	8.62	12.76	15.23