Rainfall Data
CastanaExpFarm
Station #19-133
Monona 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	1.54	2.41	2.39	1.3	3.41	1	1	1	1	2	6	D	6	D
1980	1.19	2.24	4	0.87	5.78	1	1	2	1	3	9	D	8	D
1981	0.92	2.17	3.61	2.94	2.13	1	1	2	2	2	9	D	9	D
1982	1.93	9.51	4.59	5.26	5.29	1	3	2	3	3	13	N	16	W
1983	2.9	4.32	6.86	2.27	0.81	2	2	3	2	1	15	W	14	N
1984	6.93	7.01	9.53	3.11	0.98	3	3	3	2	1	18	W	17	W
1985	3.65	4.65	1.13	0.88	3.87	2	2	1	1	2	9	D	9	D
1986	9	2.77	4.61	2.45	1.51	3	1	2	2	1	11	N	9	D
1987	2.04	5.84	4.31	6.69	7.71	2	3	2	3	3	14	N	16	W
1988	1.93	1.95	0.66	4.12	3.08	1	1	1	2	2	6	D	7	D
1989	0.81	1.77	4.11	4.55	1.68	1	1	2	2	1	9	D	9	D
1990	1.23	6.21	8.12	5.77	2.2	1	3	3	3	2	16	W	18	W
1991	4.67	5.11	5.82	1.01	1.81	3	3	3	1	1	18	W	16	W
1992	3.33	2.14	3.98	7.92	3.01	2	1	2	3	2	10	N	10	N
1993	3.59	5.35	6.96	11.43	7.71	2	3	3	3	3	17	W	18	W
1994	2.04	1.39	7.76	4.54	7.43	2	1	3	2	3	13	N	11	N
1995	3.49	6	2.15	5.96	3.01	2	3	1	3	2	11	N	14	N
1996	1.32	7.08	4.77	12.75	5.44	1	3	2	3	3	13	N	16	W
1997	4.46	2.17	4.82	0.88	1.47	3	1	2	1	1	11	N	8	D
1998	6.37	4.08	9.96	4.56	6.33	3	2	3	2	3	16	W	14	N
1999	6.6	3.08	4.71	5.42	4.4	3	2	2	3	2	13	N	13	N
2000	2.27	1.91	6.24	3.22	0.66	2	1	3	2	1	13	N	11	N
2001	3.06	8.13	4.47	1.95	4.06	2	3	2	1	2	14	N	14	N
2002	3.95	4.74	2.55	2.7	4.14	2	2	2	2	2	12	N	12	N
2003	2.45	4.7	3.3	4.41	0.66	2	2	2	2	1	12	N	12	N
2004	1.94	4.38	3.24	2.74	0.99	1	2	2	2	1	11	N	12	N
2005	4.6	3.59	7.31	1.39	2.14	3	2	3	1	2	16	W	13	N
2006	3.83	2.01	0.87	1.36	7.67	2	1	1	1	3	7	D	6	D
2007	5.74	7.02	2.04	2.29	8.97	3	3	1	2	3	12	N	13	N
2008	4.29	6.51	6.68	2.69	2.77	3	3	3	2	2	18	W	17	W
2009	1.22	1.39	5.88	6.05	5.7	1	1	3	3	3	12	N	12	N
2010	1.61	1.54	8.94	7.52	4.09	1	1	3	3	2	12	N	12	N
2011	3.24	5.19	5.32	3.42	3.46	2	3	3	2	2	17	W	17	W
2012	2.91	6.25	3.69	0.98	2.23	2	3	2	1	2	14	N	14	N
2013	5.31	8.04	3.56	1.1	2.12	3	3	2	1	2	15	W	14	N

Normals are for 1971-2000 data

April	3.29
May	4.18
June	4.31
July	4.11
August	3.61

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

1=Dry, 2=Normal, 3=Wet

* divisional data used

Month	30% chance Lower Bound - D	N	30% chance Upper Bound - W
April	1.96	3.29	3.99
May	2.90	4.18	4.98
June	2.45	4.31	5.25
July	2.04	4.11	5.02
August	1.94	3.61	4.40
PGS-Apr-June	7.31	11.78	14.22