

**1995 Annual Summary of Monthly Rainfall  
Middle River Snake River Watershed District Raingauge Program**

Ref #	Observer	Township	Sec	Twp	Rg	Apr	May	Jun	Jul	Aug	Sep	Oct	Total
1	Inyce Hendricks	Sinnott	30	158	48	0.65	2.11	3.375	4.355	2.62	1.74	2.52	17.37
2	Robert Bolduc	Parker	7	157	49	0.48	2.24	3.26	4.41	2.25	1.84	1.98	16.46
3	Wallace LaBine	Tamarac	30	157	49	0.16	1.79	1.87	4.35	2.06	1.48	1.94	13.65
7	Ralph Knudsen	Warrenton	8	155	48	0.42	1.99	3.3	6.21	2.57	2.3	1.69	18.48
11	Carl Anderson					0.45	0.4	2.08	3.8	2.02	1.88	1.46	12.09
12	Leeward Lofthus					0.45	2.45	2.65	6.75	2.1	1.38	1.2	16.98
13	Miles Quern	Higdem	21	154	50	0.51	2.42	1.63	6.4	2.79	2.39	2.32	18.46
16	Donald Solem	Higdem	32	154	50	0.9	1.23	1.3	4.4	2.65	2.15	1.45	14.08
17	Mrs. Edmund Huderle	Northland	10	153	49	0.22	2.35	3.2	10.28	2.39	2.09	1.82	22.35
18	Gerald Nelson	Esther	14	153	50	0.49	1.34	1.19	5.72	2.96	2.82	2.03	16.55
19	Joe Kotrba	Northland	25	153	49		2.1	2.35	6.2	1.8	1.75	1.65	15.85
24	Keith Ranum	Viking	11	155	45	0.39	2.11	2.39	3.92	2.74	1.59	1.31	14.45
25	Mrs. Carl Krohn	Viking	29	155	45	0.9	2.75	1.8	4.6	1.75			11.8
28	Richard Larson	New Maine	18	157	44	0.39	2.8	3.09	6.42	2.48	2.62	2.23	20.03
31	Ron Ueland	New Maine	22	157	44	0.43	2.35	4.29	5.39	3.22	1.33	2.05	19.06
33	Myron Jesme	Rocksbury	3	153	43	0.52	1.53	2.54	4.98				9.57
36	Harold Halvorson	Excel	34	155	43	0.8	2.08	2.33	3.52	3.59	2.4	1.91	16.63
37	Harold Maijala	Spruce Valley	36	157	43		1.99	3.2	6.03	3.48	2.69		17.39
38	Darwin Klamar	Rollis	33	157	40	0.47	2.53	3.54	3.38	3.08	3.02	1.66	17.68
42	Peter Hapka	Brislet	22	154	47	0.76	2.19	4.09	4.84	1.79	2.11		15.78
45	Steve Nelson	Boxville	1	154	48	0.52	2.08	3.13	6.37	2.48	2.4	1.2	18.18
46	Lawrence Knutson	Warrenton	36	155	48	0.68	2.41	3.28	5.75	2.09	1.92	1.64	17.77
47	Frances Fanfulik	Angus	16	153	47	0.51	2.37	5.19	6.83	2.35	1.8	1.61	20.66
48	Lloyd Kasprick	Angus	34	153	47		2.21	3.68	5.7	2.95	2.01	1.34	17.89
49	Orvus Bennitt	Holt	33	156	43		3.05		2.41	2.41	1.66		9.53
50	Ronald Trontvet	Norden	13	154	44	0.96	1.61	2.06	4.14	3.23	1.61		13.61
52	Bloyd Kleven	Higdem	34	154	50			1.85	2.51	2.51	2.18	1.51	10.56
54	Nick Smieja	West Valley	28	157	45		2.69	3.29		5.49			11.47
55	John Cwikla	Thief Lake	32	158	41	0.65	1.92	4.03	7.24	3.06	2.39	2.29	21.58
56	Myron Erickson	Foldahl	31	156	46	0.28	2.4	3.52	6.02	2.33	1.44		15.99

**1996 Annual Summary of Monthly Rainfall  
Middle River Snake River Watershed District Raingauge Program**

Ref #	Observer	Township	Sec	Twp	Rg	Apr	May	Jun	Jul	Aug	Sep	Oct	Total
1	Inyce Hendricks	Sinnott	30	158	48	0.605	1.97	1.92	3.56	0.52	3.23	1.7	13.505
2	Robert Bolduc	Parker	7	157	49	0.82	4.45	1.77	4.71	0.77	3.43	0.83	16.78
3	Wallace LaBine	Tamarac	30	157	49		4.28	1.72	4.17	0.56	3.45	1.77	15.95
7	Ralph Knudsen	Warrenton	8	155	48		7.34	1.58	2	0.28	3.06	0.07	14.33
11	Carl Anderson						4.9	1.31	2.81	0.6	0.5		10.12
12	Leeward Lofthus						4.85	1.27	3.6	1.08	1.99		12.79
13	Miles Quern	Higdem	21	154	50	0.57	6.32	1.5	4.53	1.12	2.4	1.47	17.91
17	Mrs. Edmund Huderle	Northland	10	153	49	0.4	5.25	1.35	2.42	1.07	1.55		12.04
18	Gerald Nelson	Esther	14	153	50	0.85	5.13	1.62	4.06	1	2.13	1.33	16.12
19	Joe Kotrba	Northland	25	153	49	0.05	0.35	0.7	3.2	1.02	1.21	1.1	7.63
24	Keith Ranum	Viking	11	155	45	0.68	5.8	2.26	2.03	0.6	1.31	3.04	15.72
28	Richard Larson	New Maine	18	157	44	0.97	7.2	2	3.64	0.86	3.95	1.5	20.12
31	Ron Ueland	New Maine	22	157	44	0.61	6.02	1.66	4.04	0.74	3.4	1.74	18.21
33	Myron Jesme	Rocksbury	3	153	43	0.85	7.06	1.55	5.63	1.14	2.88	2.01	21.12
36	Harold Halvorson	Excel	34	155	43	0.99	4.89	2.65	5.5	1.55	3.25	2.05	20.88
37	Harold Maijala	Spruce Valley	36	157	43	0.1	6.55	2.61	4.7	1.16	3.32	1.84	20.28
38	Darwin Klamar	Rollis	33	157	40	3.75	4.98	2.66	5.7	2.46	3.06	2.5	25.11
40	Paul Aakre	Helgeland	32	154	46		11	1.4	2.2	1.3			15.9
42	Peter Hapka	Brislet	22	154	47	0.47	5.7	1.24	3.02	0.69	2.11		13.23
45	Steve Nelson	Boxville	1	154	48		6.8	1.35	4.6	0.25	2.94	1.3	17.24
46	Lawrence Knutson	Warrenton	36	155	48		4.45						4.45
47	Frances Fanfulik	Angus	16	153	47		4.22	2.84	3.59	1.3	2.55	1.4	15.9
48	Lloyd Kasprick	Angus	34	153	47		5.75	1.12	3	1.01	1.19		12.07
49	Orvus Bennitt	Holt	33	156	43		6.88	2.23	3.88	1.31	3.09		17.39
50	Ronald Trontvet	Norden	13	154	44		5.68	2.01	4.55	1.29	2.89	1.46	17.88
52	Bloyd Kleven	Higdem	34	154	50		5.34	1.13	1.73				8.2
55	John Cwikla	Thief Lake	32	158	41	0.78	6.6	1.69	4.91	0.92			14.9
56	Myron Erickson	Foldahl	31	156	46		8.26	2.01	2.85	0.29	2.8		16.21

**1997 Annual Summary of Monthly Rainfall**  
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Ref #	Observer	Township	Sec	Twp	Rg	Apr	May	Jun	Jul	Aug	Sep	Oct	Total
1	Inyce Hendricks	Sinnott	30	158	48	1.91	2.11	1.48	4.93	2.25	4.54		17.22
2	Robert Bolduc	Parker	7	157	49		1.28	2.25	4.94	1.25	2.18	2.48	14.38
3	Wallace LaBine	Tamarac	30	157	49	0.1	0.52	2.15	4.8	1.56	2.66	2.47	14.26
7	Ralph Knudsen	Warrenton	8	155	48		1.13	2.85	4.3	1.73	2.76	2.28	15.05
13	Miles Quern	Higdem	21	154	50	2.43	1.21	3.14	3.86	1.23	1.91	0.5	14.28
16	Paul Solem	Higdem	32	154	50	1.2	1.05	3.27	4.25	1.58	1.9	1.9	15.15
17	Mrs. Edmund Huderle	Northland	10	153	49		1.07	2.63	4.05	1.45	2.35	2.73	14.28
18	Gerald Nelson	Esther	14	153	50	1.42	0.83	3	4.87	1.9	2.7	3.26	17.98
19	Joe Kotrba	Northland	25	153	49	1	1.9	3.05	2.8		2.56		11.31
24	Keith Ranum	Viking	11	155	45	1.44	1.78	2.74	5.11	1.59	3.12		15.78
28	Richard Larson	New Maine	18	157	44	1.47	1.73	2.74	5.56	1.83	4.12	3.83	21.28
31	Ron Ueland	New Maine	22	157	44	1.7	1.97	2.25	5.93	1.32	3.74	4.86	21.77
33	Myron Jesme	Rocksbury	3	153	43	1.66	1.73	3.89	4.77	1.83	4.33	1.73	19.94
36	Harold Halvorson	Excel	34	155	43	2.29	2.8	3.7	4.6	1.12	3.45	3.47	21.43
37	Harold Maijala	Spruce Valley	36	157	43	0.9	2.11	4.7	6.17		4.49		18.37
38	Darwin Klamar	Rollis	33	157	40	1.82	2.24	3.58	3.75	0.49	4.03	3.05	18.96
42	Peter Hapka	Brislet	22	154	47	2.18	1.45	2.22	7.34	1.18	2.59	3.46	20.42
45	Steve Nelson	Boxville	1	154	48	1	1.25	2.1	6.28	2.08	3.11	3.25	19.07
47	Frances Fanfulik	Angus	16	153	47		1.48	3.5	6.15	1.03	2.18	4.23	18.57
49	Orvus Bennitt	Holt	33	156	43	0.65	1.89	3.43	5.23		3.09	2.91	17.2
50	Ronald Trontvet	Norden	13	154	44	0.89							0.89
52	Bloyd Kleven	Higdem	34	154	50		1.22	3.38	6.22	1.98			12.8
54	Nick Smieja	West Valley	28	157	45		0.44	2	4.77	2.2			9.41
56	Dennis Erickson	Foldahl	31	156	46	1.9	1.06	1.6	3.57	0.82	3.1		12.05
91	Wesley Bring	West Valley	29	157	45	1.4		2.37	2.92	2.2	3.44	4.75	17.08

**1998 Annual Summary of Monthly Rainfall  
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Ref #	Observer	Township	Sec	Twp	Rg	Apr	May	Jun	Jul	Aug	Sep	Oct	Total
1	Inyce Hendricks	Sinnott	30	158	48		3.55	5.49	1.95	2.46	0.29	4.25	17.99
2	Robert Bolduc	Parker	7	157	49	0.9	3.47	4.24	1.59	1.92	0.4	4.36	16.88
3	Wallace LaBine	Tamarac	30	157	49	0.5	4	6.01	2.92	2.3	0.2	4.34	20.27
7	Robin Johnson	Warrenton	8	155	48	0.44	2.51	7.94	1.31	5.17	0.16	5.95	23.48
13	Miles Quern	Higdem	21	154	50	0.7	1.53	6.3	4.89	2.4	0.35	5.24	21.41
16	Paul Solem	Higdem	32	154	50	0.5	1.63	6.95	5.7	2.4	0.2	6.55	23.93
18	Gerald Nelson	Esther	14	153	50	0.71	1.59	7.06	3.64	1.45	0.38	7.29	22.12
19	Joe Kotrba	Northland	25	153	49	0.93	1.7		2.75				5.38
24	Keith Ranum	Viking	11	155	45	0.83	4.27	8.5		3.04	0.29	6.1	23.03
28	Richard Larson	New Maine	18	157	44					2.22	0.45	5.72	8.39
31	Ron Ueland	New Maine	22	157	44	1.12	5.13	6.19	3.7	1.82	0.39	6.05	24.4
33	Myron Jesme	Rocksbury	3	153	43	1.1	3.58	4.01	2.93	1.85		5.48	18.95
36	Harold Halvorson	Excel	34	155	43	0.61	4.53	4.42	3.21	3.55	0.49	5.52	22.33
37	Harold Majjala	Spruce Valley	36	157	43	1.52	4.58	4.06	4.71	2.36	0.2	5.44	22.87
38	Darwin Klamar	Rollis	33	157	40	0.73	5.2	4.45	5.42	3.05	0.52	6.13	25.5
42	Peter Hapka	Brislet	22	154	47	0.8	2.5	4.72	3.96	2.43	0.15	5.42	19.98
45	Steve Nelson	Boxville	1	154	48		3.1	6.89	2.64	1.05	0.1	5.4	19.18
47	Frances Fanfulik	Angus	16	153	47	0.44	2.22	4.86	3.17	1.33	0.54	5.11	17.67
49	Orvus Bennitt	Holt	33	156	43	0.59	4.73	7.34	1.75	3.13	0.54		18.08
50	Ronald Trontvet	Norden	13	154	44	0.17	4	5.3		1.72			11.19
52	Bloyd Kleven	Higdem	34	154	50		2.82	7.82					10.64
54	Nick Smieja	West Valley	28	157	45		2.6	4.95					7.55
56	Dennis Erickson	Foldahl	31	156	46	0.75	2.89	5.69	2	2.17	0.3	5.47	19.27
91	Wesley Bring	West Valley	29	157	45	0.92	3.69	4.68	1.79	2.95	0.3	6.18	20.51

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Ref #	Observer	Township	Sec	Twp	Rg	Apr	May	Jun	Jul	Aug	Sep	Oct	Total
1	Inyce Hendricks	Sinnott	30	158	48	2.33	4.16	5.39	2.76	3.61	2.11	0.45	20.81
2	Robert Bolduc	Parker	7	157	49	1.17	3.67	5.00	1.85	2.89	2.07	na	na
3	Wallace LaBine	Tamarac	30	157	48	0.15	3.50	6.31	2.37	4.36	2.46	0.10	19.25
7	Robin Johnson	Warrenton	8	155	48	0.09	4.44	4.51	3.32	4.07	3.99	0.17	20.59
13	Miles Quern	Higdem	21	154	50	1.41	2.67	2.69	2.09	4.62	2.59	0.13	16.20
16	Paul Solem	Higdem	32	154	50	1.50	4.65	2.40	2.35	6.00	2.90	0.00	19.80
18	Gerald Nelson	Esther	14	153	50	1.71	5.41	2.55	1.57	6.21	2.90	0.21	20.56
19	Joe Kotrba	Northland	25	153	49	1.31	3.95	na	4.15	5.37	3.95	na	na
24	Keith Ranum	Viking	11	155	45	1.54	5.66	7.00	3.14	7.42	4.11	0.29	29.16
28	Richard Larson	New Maine	18	157	44	1.97	5.55	8.15	4.50	5.20	na	na	na
31	Ron Ueland	New Maine	22	157	44	2.10	5.76	8.09	3.56	5.81	3.60	0.22	29.14
33	Myron Jesme	Rocksbury	3	153	43	2.18	5.60	3.71	1.83	5.24	5.89	0.12	24.57
36	Harold Halvorson	Excel	34	155	43	1.03	6.37	4.29	3.34	5.32	5.78	0.31	26.44
37	Harold Majjala	Spruce Valley	36	157	43	0.20	na	7.03	3.73	na	4.06	0.10	na
42	Peter Hapka	Brislet	22	154	47	0.91	5.09	6.60	1.53	7.96	2.94	na	na
45	Steve Nelson	Boxville	1	154	48	0.70	4.20	5.62	2.85	6.40	2.74	0.00	22.51
47	Frances Fanfulik	Angus	16	153	47	1.87	5.74	5.77	2.57	5.79	3.90	0.17	25.81
49	Orvus Bennitt	Holt	33	156	43	na	6.78	4.61	na	6.28	5.09	na	na
50	Ronald Trontvet	Norden	13	154	44	na	5.55	4.02	na	5.79	5.35	na	na
54	Nick Smieja	West Valley	28	157	45	na	5.27	7.82	3.18	4.87	na	na	na
56	Dennis Erickson	Foldahl	31	156	46	4.53	na	6.85	na	5.69	3.06	na	na
91	Sharon Bring	West Valley	29	157	45	1.43	4.64	6.45	2.72	4.64	2.10	na	na

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Ref #	Observer	Township	Sec	Twp	Rg	Apr	May	Jun	Jul	Aug	Sep	Oct	Total
1	Inyce Hendricks	Sinnott	30	158	48	0.9	1.21		1.17	7.94	2.08	2.28	15.58
2	Robert Bolduc	Parker	7	157	49	1.1	1.07	6.09	0.92	6.39	1.86		17.43
3	Wallace LaBine	Tamarac	30	157	49	1.26	0.82	5.96	0.7	6.82	2.17	2.42	20.15
7	Robin Johnson	Warrenton	8	155	48	1.26	0.78	6.62	1.35	5	2.3	2.99	20.3
17	Mrs. Edmund Huderle	Northland	10	153	49	1.3	0.8	6.99	2.44	3.87	1.76	2.36	19.52
16	Paul Solem	Higdem	32	154	50	1.16	0.85	9.45	1.8	3.65	2.45	3.3	22.66
18	Gerald Nelson	Esther	14	153	50	0.93	0.6	7.69	2.42	2.8	1.92	2.36	18.72
19	Joe Kotrba	Northland	25	153	49	0.95	1.5	5.75	2	2.4			12.6
24	Keith Ranum	Viking	11	155	45	1.69	0.97	6.2	1.94	4.24	2.63	4.77	22.44
28	Richard Larson	New Maine	18	157	44					2.22	0.45	5.72	8.39
31	Ron Ueland	New Maine	22	157	44	1.12	5.13	6.19	3.7	1.82	0.39	6.05	24.4
33	Myron Jesme	Rocksbury	3	153	43	1.24	1.02	4.94	2.4	2.6	1.89	3.4	17.49
36	Harold Halvorson	Excel	34	155	43	1.53	0.88	6.34	1.88	3.15	2.49		16.27
37	Harold Maijala	Spruce Valley	36	157	43	0.4	1.13	5.65	2.18	3.42	1.93	3.15	17.86
38	Darwin Klamar	Rollis	33	157	40	1.86	1.6	4.83	1.69	3.95	2.01		15.94
42	Peter Hapka	Brislet	22	154	47	1.28	0.92	6.15	1.43	2.83			12.61
47	Frances Fanfulik	Angus	16	153	47	0.72	1.19	6.34	2.09	2.86	1.71	2.46	17.37
49	Orvus Bennitt	Holt	33	156	43	0.35	1.22	3.72	1.68	0.33			7.3
50	Ronald Trontvet	Norden	13	154	44	0.48	0.68	6.37	2.02	2.47	2.15	2.35	16.52
92	Warren Hamrick	Helgeland	30	154	46		0.67	7	2.42	2	1.68	3	16.77
93	Peter Solem	Higdem	7	154	50	1.4	0.9			3.75	2.1	2.45	10.6
94	Curt Haugen	Bigwoods	17	156	50	1	0.27	6.72	1.2	3.83	2.47		15.49
97	David Haugen	Bigwoods	23	156	50	0.79	0.68	6.4	1.02	4.07	2.52	2.4	17.88
99	Blake Owens	Brandt	4	153	46	1.4	0.8	5	6.05	1.6	1.7	2.9	19.45
54	Nick Smieja	West Valley	28	157	45		1.14	4.91	1.36	5.71			13.12
56	Dennis Erickson	Foldahl	31	156	46	1.62	1.23	6.87	1.2	4.64	2.64	4	22.2

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Ref #	Observer	Township	Sec	Twp	Rg	Apr	May	Jun	Jul	Aug	Sep	Oct	Total
1	Inyce Hendricks	Sinnott	30	158	48	1.62	4.39	2.9	6.22	1.54	0.94	0.58	18.19
2	Robert Bolduc	Parker	7	157	49	2.17	4.17	2.64	4.5	1.27	1.27		16.02
3	Wallace LaBine	Tamarac	30	157	49	2.1	4.38	1.57	5.95	1.13	1.45	0.32	16.9
7	Robin Johnson	Warrenton	8	155	48	1.66	4.93	2.35	6	0.81	1.31	0.52	17.58
13	Miles Quern	Higdem	21	154	50		4.07	2.09	4.77	1.09	0.9	0.5	13.42
17	Mrs. Edmund Huderle	Northland	10	153	49	1.44	4.37	1.64	4.11	1.21	1.7	1.1	15.57
16	Paul Solem	Higdem	32	154	50	2.4	4.7	2.14	7.6	1.5	1.45		19.79
18	Gerald Nelson	Esther	14	153	50	1.53	4.12	1.91	5.61	3.13	1.34	1.91	19.55
19	Joe Kotrba	Northland	25	153	49		2	1.3	6.1	1.05			10.45
24	Keith Ranum	Viking	11	155	45	2.21	3.34	1.99	6.02	3.89	2.68	1.2	21.33
28	Richard Larson	New Maine	18	157	44		2.45						2.45
31	Ron Ueland	New Maine	22	157	44	2.33	3.29	2.68	5.57	2.7	1.96	1.76	20.29
33	Myron Jesme	Rocksbury	3	153	43	2.13	3.59	1.4	7.33	2.03	2.62	0.53	19.63
36	Harold Halvorson	Excel	34	155	43	2.6	3.2	2.47	6.42	2.45	1.88	1.14	20.16
37	Harold Maijala	Spruce Valley	36	157	43	1.75	3.17	1.99	5.85	1.93	1.84	1.32	17.85
38	Darwin Klamar	Rollis	33	157	40	2.86	3.85	2.89	4.1	5	2.45	0.75	21.9
41	Agassiz Audubon	Brislet	24	154	47	3.08	3.39	1.6	5.37	1.49	0.88	0.74	16.55
42	Peter Hapka	Brislet	22	154	47	1.49	3.6	1.49	3.47	1.56	1.15		12.76
47	Frances Fanfulik	Angus	16	153	47	0.55	3.53	2.46	3.99	5.12	1.34	1.12	18.11
49	Orvus Bennitt	Holt	33	156	43	2.95	3.41	2.26		0.85			9.47
50	Ronald Trontvet	Norden	13	154	44	2.17	3.65	2.09	6.77	2.65	1.43	1.34	20.1
92	Warren Hamrick	Helgeland	30	154	46	1.8	4.27		5.62	1.75	1.4		14.84
93	Peter Solem	Higdem	7	154	50	1.4	6	2.8	7		1.4		18.6
97	David Haugen	Bigwoods	23	156	50	1.2	3.37	2.29	4.7	0.58	1.28		13.42
99	Blake Owens	Brandt	4	153	46	2.5	2.85	1.52	4.78	1.54	0.98	1.93	16.1
54	Nick Smieja	West Valley	28	157	45		3.92	1.43	5.78				11.13
56	Dennis Erickson	Foldahl	31	156	46	1.92	3.37	1.97	3.56	2.76	1.11		14.69
100	James E Johnson	Warrenton	32	155	48	1.3	4.49	1.81	5.73	1.11	1.42	0.81	16.67

**MIDDLE-SNAKE-TAMARAC RIVERS WATERSHED DISTRICT**  
**2002 RAINFALL**

Ref	#Observer	Township	Sec	Twp	Rg	Apr	May	Jun	Jul	Aug	Sep	Oct	Total
1	Inyce Hendricks	Sinnott	30	158	48	0.88	2.25	6.17	5.07	5.06	1.53	na	20.96
2	Robert Bolduc	Parker	7	157	49	0.99	2.42	5.78	2.38	7.87	0.47	0.87	20.78
5	Shane Vonasek	Northland	36	153	49	na	na	na	na	4.05	1.63	na	5.68
7	Robin Johnson	Warrenton	8	155	48	1.44	3.90	6.21	3.55	7.29	3.05	0.76	26.20
17	Mrs Edmund Huderle	Northland	10	153	49	0.65	1.71	6.53	3.31	7.22	1.40	0.94	21.76
18	Gerald Nelson	Esther	14	153	50	0.75	1.89	5.17	3.41	6.37	2.11	1.16	20.86
19	Joe Kotrba	Northland	25	153	49	1.15	na	9.10	3.40	na	na	0.55	14.20
24	Keith Ranum	Viking	11	155	45	2.33	2.72	7.58	4.53	6.12	1.39	0.79	25.46
31	Ron Ueland	New Maine	22	157	44	2.23	2.99	7.01	2.49	5.55	na	na	20.27
33	Myron Jesme	Rocksbury	4	153	43	1.15	2.22	6.74	4.66	4.13	1.39	1.34	21.63
36	Harold Halvorson	Excel	34	155	43	1.23	3.66	8.69	3.55	5.68	1.56	0.69	25.06
37	Harold Majjala	Spruce Valley	36	157	43	2.46	2.60	9.33	3.85	3.52	2.33	0.65	24.74
38	Darwin Klamar	Rollis	33	157	40	1.31	3.29	12.20	3.69	5.37	1.62	0.86	28.34
41	Agassiz Audubon	Brislet	24	154	47	na	na	8.03	4.13	5.95	2.05	0.95	21.11
42	Peter Hapka	Brislet	22	154	47	1.45	3.01	7.15	1.97	6.50	1.54	0.87	22.49
47	Frances Fanfulik	Angus	16	153	47	1.65	2.53	9.15	3.64	6.78	2.41	1.14	27.30
49	Orvus Bennitt	Holt	33	156	43	1.56	na	10.44	3.08	4.05	na	na	19.13
54	Nick Smieja	West Valley	28	157	45	1.86	2.55	6.09	3.34	4.39	na	na	18.23
56	Dennis Erickson	Foldahl	31	156	46	1.43	2.52	6.22	3.15	5.92	2.82	na	22.06
91	Sharon Bring	West Valley	29	157	45	na	1.87	6.13	1.15	4.03	2.54	0.37	16.09
93	Peter Solem	Higdem	17	154	50	1.19	3.05	7.40	4.30	6.95	1.20	1.15	25.24
94	Curt Haugen	BigWoods	17	156	50	0.74	2.89	5.51	2.20	na	na	na	11.34
99	Blake Owens	Brandt	4	153	46	1.35	2.65	9.62	4.58	6.31	na	0.20	24.71
100	James E Johnson	Warrenton	32	155	48	1.17	2.77	5.17	3.65	6.08	3.04	1.03	22.91



**MIDDLE-SNAKE-TAMARAC RIVERS WATERSHED DISTRICT  
2003 RAINFALL**

Ref	Year	Observer	Township	Sec	Twp	Rg	Apr	May	Jun	Jul	Aug	Sep	Oct	Total
1	2003	Inyce Hendricks	Sinnott	30	158	48	1.01	3.40	3.80	1.57	1.24	2.19	1.07	14.28
2	2003	Robert Bolduc	Parker	7	157	49	1.57	3.54	4.42	1.60	1.10	1.94	1.11	15.28
7	2003	Robin Johnson	Warrenton	8	155	48	0.68	3.92	4.69	1.11	0.71	3.04	1.17	15.32
13	2003	Miles Quern	Higdem	21	154	50	0.58	4.13	2.85	2.28	1.01	2.50	na	13.35
18	2003	Gerald Nelson	Esther	14	153	50	1.39	4.35	4.22	2.21	1.19	2.61	0.88	16.85
19	2003	Joe Kotrba	Northland	25	153	49	na	na	na	2.20	1.20	1.50	1.60	6.50
24	2003	Keith Ranum	Viking	11	155	45	1.07	3.38	3.55	2.46	1.17	4.42	1.67	17.72
31	2003	Ron Ueland	New Maine	22	157	44	0.91	3.53	3.87	1.32	2.39	4.93	1.65	18.60
33	2003	Myron Jesme	Rocksbury	4	153	43	1.84	2.42	2.68	1.69	1.22	3.00	1.77	14.62
36	2003	Harold Halvorson	Excel	34	155	43	0.68	3.43	3.41	1.68	1.48	3.75	1.85	16.28
37	2003	Harold Maijala	Spruce Valley	36	157	43	0.52	2.20	4.48	1.21	1.75	3.87	0.95	14.98
38	2003	Harold Klamar	Rollis	33	157	40	0.66	2.13	5.25	1.74	3.29	3.98	na	17.05
41	2003	Agassiz Audubon	Brislet	24	154	47	1.18	3.02	4.55	0.76	1.16	na	1.26	11.93
42	2003	Peter Hapka	Brislet	22	154	47	0.97	3.52	4.13	0.76	0.83	4.00	1.34	15.55
47	2003	Frances Fanfulik	Angus	16	153	47	0.64	3.95	4.33	1.69	0.86	4.34	1.11	16.92
49	2003	Orvus Bennitt	Holt	33	156	43	0.87	2.56	4.05	1.82	2.04	na	na	11.34
54	2003	Nick Smieja	West Valley	28	157	45	0.77	2.95	2.73	1.06	na	na	na	7.51
56	2003	Dennis Erickson	Foldahl	31	156	46	0.53	3.67	4.12	1.21	1.21	3.24	na	13.98
82	2003	George Owens	Brandt	3	153	46	0.61	2.84	4.30	na	na	na	na	7.75
83	2003	Angus Oslo Site #4	Brandt	3	153	46	0.27	2.53	3.79	na	na	na	na	6.59
91	2003	Sharon Bring	West Valley	29	157	45	0.99	2.90	2.28	1.20	1.32	3.42	na	12.11
93	2003	Peter Solem	Higdem	17	154	50	0.97	4.58	4.46	1.93	1.55	2.62	0.90	17.01
94	2003	Curt Haugen	BigWoods	17	156	50	0.60	4.35	3.79	na	na	na	na	8.74
97	2003	David Haugen	BigWoods	23	156	50	0.63	3.72	3.23	na	na	na	na	7.58
99	2003	Blake Owens	Brandt	4	153	46	0.56	2.95	3.96	2.26	0.81	1.78	0.98	13.30
100	2003	James E Johnson	Warrenton	32	155	48	0.80	3.88	3.83	0.98	0.52	2.61	1.12	13.74

**2004 Annual Summary of Monthly Rainfall  
Middle River Snake River Watershed District Raingage Program**

Ref #	Observer	Township	Sec	Twp	Rg	Apr	May	Jun	Jul	Aug	Sep	Oct	Total
1	Inyce Hendricks	Sinnott	30	158	48	1.20	5.93	1.40	2.03	4.04	4.15	2.50	21.25
2	Robert Bolduc	Parker	7	157	49	1.28	6.14	0.79	2.58	3.35	1.79	1.21	17.14
7	Robin Johnson	Warrenton	8	155	48	0.91	8.16	0.64	1.98	2.87	4.30	1.40	20.26
18	Gerald Nelson	Esther	14	153	50	0.39	5.89	1.03	2.26	2.12	4.75	2.09	18.53
19	Joe Kotrba	Northland	25	153	49	0.08	3.26	na	na	na	na	2.35	na
24	Keith Ranum	Viking	11	155	45	0.86	6.47	1.13	2.38	3.77	4.09	1.98	20.68
31	Ron Ueland	New Maine	22	157	44	0.71	9.18	1.83	2.58	4.17	3.95	1.95	24.37
33	Myron Jesme	Rocksbury	4	153	43	0.49	8.30	1.11	3.23	2.95	4.14	2.71	22.93
34	Alvin Nybladh	Donnelly	35	158	49	na	5.16	na	na	na	na	na	na
36	Harold Halvorson	Excel	34	155	43	0.80	10.93	1.37	3.26	4.22	3.67	2.83	27.08
37	Harold Maijala	Spruce Valley	36	157	43	0.70	7.05	1.10	3.00	4.14	3.45	na	na
38	Harold Klamar	Rollis	33	157	40	1.21	8.07	1.41	5.31	5.15	4.01	3.10	28.26
47	Frances Fanfulik	Angus	16	153	47	0.69	4.79	0.99	2.52	2.74	2.39	1.80	15.92
49	Orvus Bennitt	Holt	33	156	43	0.61	8.12	1.66	3.60	3.50	2.94	na	na
54	Nick Smieja	West Valley	28	157	45	0.90	8.07	1.31	2.09	3.53	3.80	1.68	21.38
56	Dennis Erickson	Foldahl	31	156	46	0.98	7.49	0.65	4.97	4.29	3.76	1.38	23.52
82	George Owens	Brandt	3	153	46	0.85	5.53	0.42	3.24	na	na	na	na
83	Angus Oslo Site #4	Brandt	3	153	46	0.85	4.59	0.40	3.27	na	na	na	na
91	Sharon Bring	West Valley	29	157	45	2.10	5.23	0.97	1.96	3.82	3.38	1.24	18.70
93	Peter Solem	Higdem	7	154	50	0.65	8.00	0.81	2.20	2.26	4.46	2.00	20.38
94	Curt Haugen	BigWoods	17	156	50	1.26	7.61	na	2.92	2.67	na	na	na
99	Blake Owens	Brandt	4	153	46	0.95	4.89	0.32	3.46	2.28	3.75	1.99	17.64
100	James E Johnson	Warrenton	32	155	48	1.11	5.32	0.60	2.12	2.30	3.10	1.41	15.96

**2005 Annual Summary of Monthly Rainfall  
Middle River Snake River Watershed District Raingage Program**

Ref #	Observer	Township	Sec	Twp	Rg	Apr	May	Jun	Jul	Aug	Sep	Oct	Total
1	Inyce Hendricks	Sinnott	30	158	48	0.58	4.88	7.61	2.18	2.04	0.77	1.99	20.05
2	Robert Bolduc	Parker	7	157	49	0.57	4.65	7.95	2.57	2.99	0.69	2.27	21.69
7	Robin Johnson	Warrenton	8	155	48	0.00	3.40	6.67	0.55	4.02	0.99	2.35	17.98
13	Miles Quern	Higdem	21	154	50	0.35	3.35	8.60	1.62	4.44	1.19	2.75	22.30
18	Gerald Nelson	Esther	14	153	50	0.11	3.45	7.28	1.14	7.46	1.34	2.44	23.22
19	Joe Kotrba	Northland	25	153	49	na	1.00	3.35	na	na	0.50	na	na
24	Keith Ranum	Viking	11	155	45	0.57	3.58	7.55	3.88	6.22	na	na	na
31	Ron Ueland	New Maine	22	157	44	0.61	4.13	7.75	5.18	8.44	0.87	3.89	30.87
33	Myron Jesme	Rocksbury	4	153	43	0.83	4.07	6.97	3.52	5.11	2.00	2.02	24.52
36	Harold Halvorson	Excel	34	155	43	0.85	4.08	6.76	2.93	4.48	2.14	2.44	23.68
37	Harold Majjala	Spruce Valley	36	157	43	0.50	4.41	8.06	5.78	5.67	0.81	2.04	27.27
38	Harold Klamar	Rollis	33	157	40	0.72	4.10	6.28	6.12	3.76	1.09	2.59	24.66
47	Frances Fanfulik	Angus	16	153	47	na	2.93	7.49	1.83	4.64	1.01	2.70	na
49	Orvus Bennitt	Holt	33	156	43	0.75	4.20	na	2.16	3.26	na	na	na
54	Nick Smieja	West Valley	28	157	45	0.53	3.45	7.82	3.35	6.74	1.57	1.89	25.35
82	George Owens	Brandt	3	153	46	0.40	3.39	7.89	1.30	3.63	1.93	na	na
83	Angus Oslo Site #4	Brandt	3	153	46	0.40	3.26	6.97	1.15	3.25	1.79	na	na
91	Sharon Bring	West Valley	29	157	45	0.90	3.08	6.60	3.69	6.51	1.59	na	na
93	Peter Solem	Higdem	7	154	50	na	4.07	10.45	1.90	5.30	1.30	2.60	na
94	Curt Haugen	BigWoods	17	156	50	0.45	2.77	8.27	0.55	na	na	na	na
99	Blake Owens	Brandt	4	153	46	0.37	3.39	7.70	0.60	3.58	1.92	2.01	19.57
100	James E Johnson	Warrenton	32	155	48	0.28	3.78	6.47	1.07	6.01	1.26	1.88	20.75

**2006 Annual Summary of Monthly Rainfall  
Middle River Snake River Watershed District Raingage Program**

Ref #	Observer	Township	Sec	Twp	Rg	Apr	May	Jun	Jul	Aug	Sep	Oct	Total
2	Robert Bolduc	Parker	7	157	49	0.94	1.13	1.12	1.55	2.81	2.95	1.72	12.22
7	Robin Johnson	Warrenton	8	155	48	0.76	1.98	0.50	0.28	3.86	1.70	0.36	9.44
18	Gerald Nelson	Esther	14	153	50	0.54	1.93	0.88	0.97	4.11	2.06	1.38	11.87
19	Joe Kotrba	Northland	25	153	49	na	na	0.33	na	na	na	na	na
24	Keith Ranum	Viking	11	155	45	0.98	2.29	1.24	0.51	4.56	na	na	na
31	Ron Ueland	New Maine	22	157	44	0.97	1.82	0.78	0.91	2.28	3.57	na	na
33	Myron Jesme	Rocksbury	4	153	43	0.76	2.08	0.88	0.88	3.95	1.45	1.30	11.30
36	Harold Halvorson	Excel	34	155	43	1.02	3.16	1.46	1.26	4.29	1.91	1.96	15.06
37	Harold Majjala	Spruce Valley	36	157	43	0.85	2.10	0.60	0.92	2.14	1.54	na	na
38	Harold Klamar	Rollis	33	157	40	1.10	1.02	2.13	1.12	4.10	1.32	na	na
47	Frances Fanfulik	Angus	16	153	47	0.52	2.72	0.69	0.98	3.02	2.37	1.41	11.71
54	Nick Smieja	West Valley	28	157	45	0.44	3.64	0.93	0.73	4.08	2.38	na	na
56	Dennis Erickson	Foldahl	31	156	46	0.60	3.44	0.50	0.65	7.51	3.10	na	na
91	Sharon Bring	West Valley	29	157	45	0.95	1.01	1.14	0.85	3.31	3.13	na	na
93	Peter Solem	Higdem	7	154	50	1.70	2.65	0.52	0.72	4.56	1.98	1.10	13.23
100	James E Johnson	Warrenton	32	155	48	0.80	3.05	na	0.75	3.00	2.32	1.36	na
101	J Bolduc	Parker	7	157	49	na	1.33	1.20	1.51	2.82	2.95	na	na
102	MSTRWD					0.30	3.60	0.55	0.74	4.67	1.70	3.07	14.63

**2007 Annual Summary of Monthly Rainfall  
Middle River Snake River Watershed District Raingage Program**

Ref #	Observer	Township	Sec	Twp	Rg	Apr	May	Jun	Jul	Aug	Sep	Oct	Total
2	Robert Bolduc	Parker	7	157	49	0.78	4.38	4.38	3.10	2.04	0.63	3.46	18.77
7	Robin Johnson	Warrenton	8	155	48	0.43	4.00	7.05	1.53	1.85	0.28	3.27	18.41
18	Gerald Nelson	Esther	14	153	50	0.85	4.39	5.94	2.94	1.65	1.11	3.56	20.44
24	Keith Ranum	Viking	11	155	45	1.05	3.47	6.99	3.22	1.75	0.55	3.94	20.97
31	Ron Ueland	New Maine	22	157	44	0.80	3.45	6.96	2.26	2.41	0.68	5.15	21.71
33	Myron Jesme	Rocksbury	4	153	43	1.27	2.13	6.47	4.08	1.09	1.25	4.07	20.36
36	Harold Halvorson	Excel	34	155	43	1.54	2.50	7.08	3.14	1.16	1.19	3.94	20.55
37	Harold Majjala	Spruce Valley	36	157	43	0.15	2.56	6.89	1.77	2.17	0.90	3.95	18.39
38	Harold Klamar	Rollis	33	157	40	2.02	0.58	4.90	3.16	2.38	na	na	na
47	Françes Fanfulik	Angus	16	153	47	0.29	3.58	7.12	1.41	1.71	1.18	3.34	18.63
54	Nick Smieja	West Valley	28	157	45	0.62	2.85	8.13	2.40	2.30	0.69	4.67	21.66
56	Dennis Erickson	Foldahl	31	156	46	na	4.30	7.60	2.60	2.11	0.96	na	na
91	Sharon Bring	West Valley	29	157	45	0.04	2.83	8.21	1.94	2.01	0.35	5.22	20.60
93	Peter Solem	Higdem	7	154	50	1.20	5.10	6.53	2.95	2.30	0.60	3.58	22.26
100	James E Johnson	Warrenton	32	155	48	0.40	na	6.15	2.23	2.41	0.86	3.58	na
101	J Bolduc	Parker	7	157	49	0.11	4.79	4.59	2.86	2.29	0.70	3.37	18.71

**2008 Annual Summary of Monthly Rainfall  
Middle River Snake River Watershed District Raingage Program**

Ref #	Observer	Township	Sec	Twp	Rg	Apr	May	Jun	Jul	Aug	Sep	Oct	Total
2	Robert Bolduc	Parker	7	157	49	0.46	0.56	4.19	2.52	1.82	2.42	2.76	14.73
7	Robin Johnson	Warrenton	8	155	48	0.51	0.79	3.17	1.42	3.90	2.57	3.90	16.26
13	Miles Quern	Higdem	21	154	50	na	0.85	2.94	1.97	2.75	3.59	3.15	na
18	Gerald Nelson	Esther	14	153	50	0.36	1.36	3.53	2.16	5.66	5.38	4.39	22.84
24	Keith Ranum	Viking	11	155	45	1.02	1.60	3.66	2.27	3.30	4.86	na	na
31	Ron Ueland	New Maine	22	157	44	1.97	1.23	3.31	3.53	2.96	5.15	3.61	21.76
33	Myron Jesme	Rocksbury	4	153	43	3.09	1.79	4.53	1.35	3.73	4.75	3.11	22.35
36	Harold Halvorson	Excel	34	155	43	0.61	2.64	3.18	3.46	3.26	4.66	3.77	21.58
37	Harold Majjala	Spruce Valley	36	157	43	0.70	1.56	2.92	2.08	1.94	4.87	3.76	17.83
38	Harold Klamar	Rollis	33	157	40	1.35	2.26	3.62	2.03	2.59	4.57	3.90	20.32
47	Frances Fanfulik	Angus	16	153	47	0.34	2.82	5.02	0.80	3.39	3.72	3.83	19.92
54	Nick Smieja	West Valley	28	157	45	0.84	1.41	4.29	2.99	2.70	4.09	3.08	19.40
56	Dennis Erickson	Foldahl	31	156	46	0.52	1.19	3.51	2.05	3.50	3.93	3.53	18.23
91	Sharon Bring	West Valley	29	157	45	1.12	1.32	4.11	2.47	3.06	3.60	3.38	19.06
93	Peter Solem	Higdem	7	154	50	0.60	1.16	2.62	3.23	3.42	4.38	3.09	18.50
100	James E Johnson	Warrenton	32	155	48	0.46	0.90	3.14	2.32	4.52	3.58	3.72	18.64
101	J Bolduc	Parker	7	157	49	0.57	0.99	3.72	2.49	3.90	2.65	2.70	17.02

**2009 Annual Summary of Monthly Rainfall  
Middle River Snake River Watershed District Raingage Program**

Ref #	Observer	Township	Sec	Twp	Rg	Apr	May	Jun	Jul	Aug	Sep	Oct	Total
7	Robin Johnson	Warrenton	8	155	48	1.30	1.62	3.29	1.35	2.14	0.83	1.74	12.27
13	Miles Quern	Higdem	21	154	50	1.28	1.75	4.79	1.54	3.61	0.83	1.23	15.03
18	Gerald Nelson	Esther	14	153	50	1.54	1.14	4.34	1.06	3.59	0.75	2.09	14.51
24	Keith Ranum	Viking	11	155	45	1.52	2.00	4.39	3.24	3.30	1.23	1.49	17.17
31	Ron Ueland	New Maine	22	157	44	1.48	2.28	4.99	2.17	1.96	1.17	2.36	16.41
33	Myron Jesme	Rocksbury	4	153	43	1.11	3.17	5.23	2.36	5.33	2.20	1.81	21.21
34	Alvin Nybladh	Donnelly	35	158	49	1.37	1.82	4.60	1.12	1.32	1.20	1.00	12.43
36	Harold Halvorson	Excel	34	155	43	1.31	2.29	5.05	1.86	4.66	2.06	2.21	19.44
37	Harold Majjala	Spruce Valley	36	157	43	1.29	2.12	5.46	2.65	2.28	1.49	1.79	17.08
38	Harold Klamar	Rollis	33	157	40	1.32	2.41	3.86	0.99	3.32	1.25	1.74	14.89
47	Frances Fanfulik	Angus	16	153	47	0.39	1.90	4.74	1.49	3.32	1.26	2.69	15.79
54	Nick Smieja	West Valley	28	157	45	1.66	na	4.71	2.33	na	na	na	na
56	Dennis Erickson	Foldahl	31	156	46	0.93	na	3.89	1.85	3.36	1.30	2.10	na
91	Sharon Bring	West Valley	29	157	45	1.77	2.15	4.15	2.67	3.49	1.88	2.08	18.19
93	Peter Solem	Higdem	7	154	50	1.55	2.44	5.05	1.01	3.22	0.62	2.36	16.25
100	James E Johnson	Warrenton	32	155	48	1.35	1.64	3.66	1.24	2.42	0.91	3.55	14.77
101	J Bolduc	Parker	7	157	49	1.89	2.34	4.32	2.05	na	1.41	1.98	na