Public water supplies in southern Minnesota.

[For other half of table see page 107.]

City or village.	County.	Population.[a]	Water supply.									Plant.				
			Source.	Geologic source.	Diameter of wells.	Depth of wells.	Elevation of surface.	Head relative to surface.	Head of water above sea level.	Test of wells.[b]	Effect of test.[c]	Method of lifting water to the surface.[d]	Capacity of pumps (or other device) for lifting water.[e]	Power.[f]	Reservoirs.[g]	Capacity of reservoirs.
					In.	*Ft.*	*Ft.*	*Ft.*	*Ft.*	*Galls. per min.*			*Galls. per min.*			*M galls.*
Adams	Mower	575	Well	Devonian limestone.	8	291	1,298	− 18	1,280	75	L. w. about 30′.	D.-w. p.	75	G	El. tank	55
Adrian	Nobles	1,184	do	Drift	120	47	1,550	− 30	1,520	500	L. w	Suc. p	1,000	S	do.[h]	[i] 50
Albert Lea	Freeborn	5,657	2 wells [j]	Galena, etc. / St. Peter	12 / 8	448 / 660		0		1,000	N. e	Nat. flow	1,000	S	Sur. res. and el. tank.	[i] 96
Alden	do	635	Well	Maquoketa and Galena.	6	215	1,278	− 50	1,228	60	N. e	D.-w. p.	60	G	El. tank	60
Alpha	Jackson	241	do	Drift	8	96	1,392			100	N. e	D.-w. p.	150	G	Comp. ch.	15
Amboy	Blue Earth	490	do	Jordan	6	486	1,045	− 40	1,005			D.-w. p.		G	El. tank	60
Anoka	Anoka	4,053	River										1,000	S	St. pipe	275
Appleton	Swift	1,321	River and well.	Outwash sand	240	40	990	− 30	960	500	E. w. in 30 min.	Suc. p	500	S	El. tank	65
Atwater	Kandiyohi	689	4 wells	do	3	35	1,211	− 20	1,191	75	N. e	Suc. p	75	G	do	45
Austin	Mower	6,489	River and 6 wells.	St. Peter and New Richmond.	6–12	Up to 710	1,195	− 10	1,185			Nat. flow		S	2 res	110
Avoca	Murray	251	Well	Drift	36	20	1,540	− 4	1,536	Small.		Suc. p		G	El. tank	10
Balaton	Lyon	350	do	Outwash gravel	96	27	1,532	− 13	1,519	45	N. e	Suc. p	45	G	do	14
Beardsley	Bigstone	441	do	do	72	40	1,099	− 32	1,067	65	L. w. 2′	Suc. p	65	G	do	30
Belle Plaine	Scott	1,301	do		8	213	880	−100	780	50	L. w. 6″ in 7 hrs.	D.-w. p.	50	G	do	50
Bellingham	Lac qui Parle	406	do	Drift (?)	6	120	1,070	− 30	1,040	35	N. e	D.-w. p.	35	G. e.	do	45
Benson	Swift	1,766	2 wells	Drift	6 / 8	167	1,049	− 13	1,036	[k] 160	L. w. 25′	2 suc. ps	560	S. and e. m.	do	75
Bird Island	Renville	907	Well	do	8	[l] 298	1,081	− 30	1,051	100	N. e	D.-w. p.	140	G	do	40
Blooming Prairie	Steele	900	do	Galena		245									do	
Blue Earth	Faribault	2,364	2 wells	Jordan [m]	8 / 8	1,243 / 672	1,085 / 1,085	− 32 / − 32	1,053 / 1,053	240 / 350	N. e	Suc. ps / Air lift	240 / 350	S / S	Sur. res. and el. tank.	96

Boyd	Lac qui Parle	420	Well	Drift	8	62	1,055	− 8	1,047	80	L. w. 4″	Air lift	70	G	Sur. res.	42.5
															Comp. ch.	13.5
Bricelyn	Faribault	335	do		6	107	1,177	− 19	1,158	80	N. e.	D.-w. p.	50	G. e.	do	14
Brown Valley (main supply)	Traverse	902	Springs	Drift							Nat. flow	Nat. flow	125	G	Sur. res. at spring.	
															Sur. res. at station.	15
															El. tank	70
Brown Valley (soft water supply).[n]	do	902	2 wells	Cretaceous		500± 500±	981 1,014	(+)	1,014+	Small.		Nat. flow		Nat. flow	2 res	Small.
Brownton	McLeod	484	Well	Drift	6	304	1,021	− 24	997	95		Air-lift	95	G	Sur. res.	3
															Comp. ch.	17
Buffalo Lake	Renville	474	2 wells	Drift and Archean.	6 10	o 370 400	1,067 1,067	− 10 − 10	1,057 1,057			D.-w. ps.		G S	El. tank	80
Caledonia	Houston	1,405	Well	Jordan	8	320		−250				D.-w. p.			St. pipe	
Canby	Yellow Medicine	1,505	do	Drift	8	p 100	1,240	− 18	1,222	125	Not great.	Suc. p.	125	G	El. tank	60
Cannon Falls	Goodhue	1,460	do	Jordan	8	270	794	(+)	794	300	N. e.	Nat. flow.	250	G	do	100
Ceylon	Martin	341	do	Drift (?)	8	300		− 60		100	N. e.	D.-w. p.	100	G	Comp. ch.	13.5
Chaska	Carver	2,085	do	Dresbach, etc.	8	640	748	+ 30	778	500	Nat. flow.	Nat. flow.		Nat. flow	None	
Chatfield	Fillmore	925	do	Jordan	8	200	1,435	−125(?)	1,310(?)		N. e.	D.-w. p.		S	Res	423
Clarkfield	Yellow Medicine	614	do	Drift	6	q 197	1,095	− 40	1,055	13	(r)	D.-w. p.	100	G	El. tank	55
Clinton	Bigstone	400	do	do	8	344		−120		80	N. e.	D.-w. p.	80	G	do	48
Cokato	Wright	721	do	do	3	125	1,065	− 45	1,020			D.-w. p.		G	El. tank	50
															3 cist.	14
Comfrey	Brown	299	do		8	140		− 20		60	N. e.	D.-w. p.	60	G	El. tank	50
Cottonwood	Lyon	883	do.s	Archean	8 and 6	375	1,082	− 40	1,042	Small.		D.-w. p.	30	G	do	50

a Population according to the state census of 1905.
b The most severe test reported.
c Abbreviations: N. e., no noticeable effect. L. w., lowered water. E. w., emptied well. Nat. flow, natural flow. St. flow, stopped flow.
d Abbreviations: D.-w. p., deep-water pump. Suc. p., suction pump. Nat. flow, natural flow. Air l., air lift.
e The reference here is only to the lifting of the water to the surface. No data are given in regard to other pumps.
f Abbreviations: G., gasoline. S., steam. G. e., gas engine. E. m., electric motor. W. m., windmill. W. p., water power. H. r., hydraulic ram.
g Abbreviations: El. tank, elevated tank; that is, one set upon a tower. St. pipe, standpipe. Comp. ch., compression chamber. Sur. res., surface reservoir. Cist., cistern.
h Large surface reservoir for fire reserve.
i Elevated tank only.
j Fountain Lake for fire reserve.
k From the two wells combined.
l Water comes from depth of about 190 feet.
m Dresbach is not used.
n No system. Supply used by all for bath and laundry purposes.
o Main supply comes from a depth of 100 feet.
p Drilled to depth of 426 feet.
q Water comes from depths of 120 to 140 feet.
r Sand is lifted if well is pumped more rapidly.
s Well was to be abandoned and water from lake used after Apr. 1, 1908.

Public water supplies in southern Minnesota—Continued.

City or village.	County.	Population	Water supply.									Plant.				
			Source.	Geologic source.	Diameter of wells.	Depth of wells.	Elevation of surface.	Head relative to surface.	Head of water above sea level.	Test of wells.	Effect of test.	Method of lifting water to the surface.	Capacity of pumps (or other device) for lifting water.	Power.	Reservoirs.	Capacity of reservoirs.
					In.	*Ft.*	*Ft.*	*Ft.*	*Ft.*	*Galls. per min.*			*Galls. per min.*			*M galls.*
Currie	Murray	311	Well	Drift	6	120	1,511	− 20	1,491	60	N. e.	D.-w. p.	70	G	Comp. ch.	13.5
Dassel	Meeker	592	do	do	8	180	1,089	− 55	1,034	45	N. e.	D.-w. p.	45	G	El. tank	50
Dawson [a]	Lac qui Parle.	1,056	2 wells	Cretaceous	6 or 8	148	1,065	− 15	1,040	160	N. e.	D.-w. ps.		E. m	do	60
De Graff	Swift	222	Well	Drift	6	80		− 20				D.-w. p.		W. m	3 res	30
Delano	Wright	1,023	14 wells	Drift or alluvium.	3	46	912	− 1	911	250	N. e.	Suc. p.	400	S	El. tank	50
Delavan	Faribault	281	Well	Jordan	8	473		− 15							do	
Easton	do	328	do		6 and 4	110	1,050	− 6	1,044	110	N. e.	Suc. p.	110	G	do	50
Echo	Yellow Medicine.	600	do	Drift	144	53	1,090	− 35	1,055	Small.		D.-w. p.		G	do	55
Eden Valley	Meeker	709	8 wells	Outwash sand	2½	44	1,123	− 15	1,108	75	N. e.	Suc. p.	40	G	do	60
			1 well	do	2½	28									2 sur. res	23
Edgerton	Pipestone	380	Well	do	192	24	1,574	− 13	1,561	265	L. w. [b]	Suc. p.	265	G	El. tank	30
Elgin	Wabasha	358	do	Jordan	10	275										
Ellendale	Steele	252	do	Galena (?)	6	212	1,280	− 80	1,200	112	N. e.	D.-w. p.		G	Sur. res	25
Ellsworth	Nobles	537	do	Drift	144	33		− 15				D.-w. p.	240	G. e.	Comp. ch.	15
Elmore	Faribault	742	do		6	110		− 8							do	15
Elysian	Lesueur	384	do	St. Peter	8	287	1,087	− 87	1,000	35±	N. e.	D.-w. p.	35±	G	El. tank	
Emmons	Freeborn	235	do	Devonian limestone.	4	160	1,287	− 32	1,255	45	N. e.	D.-w. p.	45	G	do	50
Excelsior	Hennepin	850	Lake											G	Sur. res	14
Eyota [c]	Olmsted	400	Well		10	203		− 17							El. tank	18
Fairfax	Renville	775	do	Drift	6	185	1,040	− 80	960	20	N. e.	D.-w. p.	20	G	Comp. ch.	
Fairmont	Martin	2,955	Lake											S	El. tank	80
Faribault	Rice	8,279	2 wells [d]	Jordan, Dresbach, etc.	10	800		− 7				Suc. ps.		S	4 cist	
					10	1,000									2 sur. res	
Fort Snelling	Hennepin		Well	St. Peter, New Richmond, Dresbach, etc.	10	638		+ 20		1,000	Nat. flow	Nat. flow and suc. ps.	700	S	Sur. res. [e]	1,000
															2 el. tanks	390

Fountain	Fillmore	364	Well	Jordan	10 and 6	608	1,320	−340	980	85	N. e.	D.-w. p.	65	G.	Comp. ch.	15
Franklin	Renville	524	do.	Drift	72	108	1,020	− 50	970	50	L. w. 14″	D.-w. p.	50	G.	El. tank	35
Fulda	Murray	701	do.	Sioux quartzite	8 and 6	225	1,507	− 40	1,467	30	N. e.	D.-w. p.		S. and w. m.	Sur. res. and el. tank.	72
Gibbon	Sibley	528	do.		2½	210	1,044	− 80	964			D.-w. p.		G.	El. tank; 3 cist	
Glencoe	McLeod	1,805	do.	Dresbach, etc.	8–6	1,640	995	− 90	905	175	N. e.	D.-w. p.	175	E. m.	Sur. Res.; El. tank	165; 245
Goodhue	Goodhue	410	do.	New Richmond or Jordan.	10	275	1,120			300	N. e.	D.-p. w.	300	G.	El. tank(?)	80
Good Thunder.	Blue Earth	448	do.		6	374	1,000	− 65	935	50	N. e.	D.-w. p.	50	G.	El. tank	60
Graceville	Bigstone	1,032	2 wells	Cretaceous	8	520	1,110	−100	1,010	*f* 60	N. e.	D.-w. p.		S.	do.	60
Grand Meadow.	Mower	459	Well	Devonian sandstone (?).	8	125		− 35		75	N. e.	D.-w. p.	75	G.	do.	52
Granite Falls.	Yellow Medicine.	1,340	River											W. p.	Sur. res; do.*e*	6; 125
Grove City	Meeker.	339	Well	Drift	8	*g* 700	1,207	− 57	1,150	75	N. e.	D.-w. p.	35	G.	El. tank	60
Hanley Falls.	Yellow Medicine.	309	do.	Cretaceous	5	247	1,050	− 40	1,010	40	N. e.	D.-w. p.	40	G.	do.	50
Hardwick	Rock	269	do.	Sioux quartzite	6	420	1,628	− 36	1,592	25	N. e.	D.-w. p.	25	G.	do.	17
Harmony	Fillmore	689	do.	St. Peter	8	220		−130		45	N. e.	D.-w. p.	45	G.	Sur. res. and comp. ch.	
Hartland	Freeborn	299	do.	Galena, etc.	6	311		− 50				D.-w. p.			El. tank	
Hastings	Dakota	3,810	do.													
Hayfield	Dodge	516	do.	Galena, etc	8	377									El. tank	
Hector	Renville	774	2 wells	Drift	144 and 8	380	1,073	− 12	1,061			D.-w. p.	45	G.	do.	70
					8	400	1,073	− 12	1,061	60	N. e.	D.-w. p.	45	G.		
Henderson	Sibley	820	Well	Dresbach, etc.	8	764	750	+ 60	810	300	Nat. flow.	Nat. flow.		S.	do.; 12 cist	60
Hendricks	Lincoln	380	do.	Drift	192	16		− 10				Suc. p.		G.	El. tank	56.7
Hokah	Houston	522	do.	Dresbach, etc.	6	544	674	+ 18	692	86	Nat. flow(?)	Nat. flow.		G. and h. r.	Sur. res.*e*	150
Houston	do.	639	do.	do.	6	302	684	+ 12	696	130	St. flow.	Nat. flow and suc. p.	130	G.	Comp. ch.	11
Howard Lake	Wright	763	Lake											S.	El. tank	53
Hutchinson	McLeod	2,489	Well	Drift	10	180	1,030	+ 28	1,058	800	St. flow.	Nat. flow and suc. ps.	800	S.	do.	100
Iona	Murray	288	do.	do.	6	204	1,630	− 35	1,595	32	N. e.	D.-w. p.	32	G.	do.	38
Ivanhoe	Lincoln	451	do.	do.	10	315		−100							do.	
Jackson	Jackson	1,776	do.	Alluvium	312	20	1,335	− 10	1,325	300	(*h*)	Suc. p.	300	S.	do.	68

a Installed in 1908.
b Nearly to bottom.
c Recently installed.
d Also two shallow wells for emergencies.
e On high ground.
f One well alone tested at this rate.
g Water comes from depth of 220 to 260 feet.
h Depends on the season.

Public water supplies in southern Minnesota—Continued.

City or village.	County.	Population.	Water supply.									Plant.				
			Source.	Geologic source.	Diameter of wells.	Depth of wells.	Elevation of surface.	Head relative to surface.	Head of water above sea level.	Test of wells.	Effect of test.	Method of lifting water to the surface.	Capacity of pumps (or other device) for lifting water.	Power.	Reservoirs.	Capacity of reservoirs.
					In.	*Ft.*	*Ft.*	*Ft.*	*Ft.*	*Galls. per min.*			*Galls. per min.*			*M galls.*
Jasper	Pipestone	619	Spring	Sioux quartzite			1,560			50+	Nat. flow	Nat. flow		G	Sur. res El. tank	12 60
Kasson	Dodge	1,049	Well	St. Peter	8	275	1,256	− 25	1,231			Suc. p	300	S	do	50
Kenyon	Goodhue	1,252	do	Galena, etc	240	18		− 15							do	
Kilkenny	Lesueur	239	do	St. Peter		250		− 0								
Kiester	Faribault	211	do		8	400						D.-w. p		G	El. tank	50
Lake Benton	Lincoln	848	do	Drift	144	16	1,755	− 2		400	N. e	Suc. p	500	S	Sur. res.[a]	81
Lake City	Wabasha	2,877	Wells[b]	Alluvium		40		− 15		Large.		Suc. ps	2,000	S		
Lake Crystal	Blue Earth	1,231	Well or lake.	Dresbach, etc		719		− 70						S	Sur. res	90
Lakefield	Jackson	916	Well	Drift	10	190	1,490	−100	1,390	175	N. e	D.-w. p	175	S	do	46
Lamberton	Redwood	657	do	do	8	64	1,450	− 30	1,420	60	N. e	D.-w. p	35	G	El. tank	70
Lanesboro	Fillmore	1,041	Spring	Oneota											Res	
Leroy	Mower	788	Well		8	422	1,289	− 28	1,261	85	N. e	D.-w. p	85	G	El. tank	60
Lester Prairie	McLeod	454	do	Alluvium	240	22	982	− 8	974	200	E.w. in 1 hr.	Suc. p	400	S	do	60
Lesueur	Lesueur	1,842	do	Dresbach, etc	8	668	770	+ 18	788	415	L. w. 33′	Nat. flow Suc. p	415	S	St. pipe	142
Lesueur Center	do	698	do		8	340		−180				D.-w. p		S	El. tank	30
Lewiston	Winona	388	2 wells	Jordan	6 —	350 290	1,230	−260	970	40	N. e	D.-w. p		G	do	60
Litchfield	Meeker	2,415	28 wells	Outwash sand	2	42	1,134	− 20	1,114	600	N. e	Suc. ps	600	S	do	70
Lonsdale	Rice	172	Well	St. Peter		332									do	
Luverne	Rock	2,272	2 wells	Alluvium	156 240	19	1,432	− 10	1,422	750	L. w., 3′	Suc. ps	1,000	S	St. pipe	140
Lyle	Mower	451	Well	Devonian sandstone (?).	8	240	1,203	− 12	1,191	35	N. e	D.-w. p	35	G	El. tank	55
Mabel	Fillmore	546	do	New Richmond (?).	6	140		− 40		50	N. e	D.-w. p	50	S	do	84
Madelia	Watonwan	1,290	2 wells	Drift (?)	6 8	216 249(?)	1,027	− 30	997	75 75	L.w.greatly	D.-w. ps		S	do	60

Mankato	Blue Earth	10,996	4 wells	Dresbach, etc	8–10	650	790	+ 30	820			D.-w. p. / Nat. flow		S	Res	870
Mapleton	do	938	Well	St. Peter	4	224		− 30		50	N. e	Suc. p	50	G	El. tank	60
Marshall	Lyon	2,243	3 wells	Cretaceous	(c)	90	1,174	− 8	1,166	35		Suc p	100	S	Sur. res	150
					8	410	1,174	+ 25	1,200	20	Nat. flow	Nat. flow				
					8	250	1,174	−120	1,054	Small.		D.-w. p		S		
Maynard	Chippewa	445	Well	Drift		80		− 4				Nat. flow.		G	Comp. ch.	
Mazeppa	Wabasha	556	do	Oneota (?)	12	90		− 25							El. tank	60
Milan	Chippewa	488	do	Drift	108	25	990	− 14	976	25	N. e	Suc. p	25	G	do	36
Minneapolis	Hennepin	261,974	River											S	2 sur. res.a	96,000
Minneiska	Wabasha	338	do													
Minneota	Lyon	954	Well	Cretaceous	6	111	1,184	− 20	1,164	30	N. e	D.-w. p	30	G	El. tank	60
Minnesota Lake	Faribault	482	do	Drift	8	185	1,049	− 15	1,034			D.-w.p		G	do	50
Montevideo	Chippewa	2,595	Spring	do						350	Nat. flow	Nat. flow		G., e. m.	Sur. res. and el. tank.	200
Montgomery	Lesueur	1,281	Well		10	213		−150				D.-w. p	100	G	El. tank	
Monticello	Wright	973	do	Alluvium (?)	8	237	923	− 5	918	275	L. w. 2′	Suc. p	300	G	Comp. ch.	14
Morton	Renville	755	Spring	Drift			905					Nat. flow		G	Sur. res.a	105
Mountain Lake	Cottonwood	1,063	Well	do	144	40	1,305	− 20	1,285	50	(d)	Suc. p	50	G	El. tank	45
New London	Kandiyohi	392	Mill pond											G., w. p.	None	
New Prague	Scott and Lesueur.	1,419	Well	Jordan (?)	8	289		−116		25–50		Air lift	25–50	S	El. tank	66
New Richland	Waseca	697	do	Galena, etc		150		− 34							do	
New Ulm	Brown	5,720	2 wells	Cretaceous	6	195	842	− 75	767	350	N. e	D.-w. ps	350	S	Sur. res	100
			1 well	do	8										St. pipe	31
Nicollet	Nicollet	341	2 wells		3	175	1,000	−145	855			D.-w. p		G. and w. m.	El. tank	55
					2											
Northfield	Rice	3,438	Well	Jordan	8	e 647	905	+ 20	925	1,000	Nat. flow	Nat. flow		S	Sur. res.a	240
North St. Paul	Ramsey	1,400	Well and lake.		8	400		− 82		100	N. e	D.-w. p	40	S	El. tank	56
Olivia	Renville	1,019	Well	Drift	6	320	1,079	− 14	1,065	60	N. e	D.-w. p	45	G	do	74
Ortonville	Bigstone	1,612	do	do	240 and 6	60	998	− 12	986			Suc. p	300	S	do	100
Owatonna	Steele	5,651	5 wells	St. Peter		95		− 13							St. pipe	
			1 well	Jordan (?)		640										
Pine Island	Goodhue	760	Well	New Richmond(?)	8	156		− 10		100	N. e	Suc. p	100	S	Sur. res.a	55
Pipestone	Pipestone	2,885	2 wells	Sioux quartzite	6	200	1,726	− 96	1,630	140	N. e	Air lift	140	S	Sur. res	165
					8	350									St. pipe	90
Plainview	Wabasha	1,140	do	Jordan		325		− 6							El. tank	
				Dresbach		692										
Preston	Fillmore	1,320	Spring	New Richmond						250		Nat. flow		S	Sur. res.a	
Red Wing	Goodhue	8,149	River													

a On high ground.
b Twenty 4-inch driven wells, discharging into a dug well 16 feet in diameter. Water from the lake can be used in case of fire.
c Dug and drilled.
d Varies with season.
e Water from a depth of 300 feet.

Public water supplies in southern Minnesota—Continued.

City or village.	County.	Population.	Water supply.								Plant.				
			Source.	Geologic source.	Diameter of wells.	Depth of wells.	Elevation of surface.	Head relative to surface.	Head of water above sea level.	Test of wells.	Effect of test.	Method of lifting water to the surface.	Capacity of pumps (or other device) for lifting water.	Power.	Reservoirs.	Capacity of reservoirs.
					In.	*Ft.*	*Ft.*	*Ft.*	*Ft.*	*Galls. per min.*			*Galls. per min.*			*M galls.*
Redwood Falls.	Redwood	1,806	Springs	Drift								Nat. flow		E. m and S.	Sur. res.	30
															El. tank	100
Renville	Renville	1,229	Well	do	6	236	1,053	− 50	1,003	50	N. e.	D.-w. p	50	G	do	60
Rochester	Olmsted	7,233	Several wells.[a]	Alluvium	204–240	32	968	− 12	956			Suc. p	1,000	S	St. pipe	240
Rolling Stone	Winona	192	Well		6	340		− 60		50	N. e.	D.-w. p	50	E. m	Sur. res.[b]	120
Rose Creek	Mower	194	do	Devonian sandstone(?).	8	175	1,295	−130	1,165	100	N. e.	D.-w. p		G		
Rushford	Fillmore	1,133	do	St. Lawrence	6	180		−140							Res	
				Dresbach, etc	8	553		+ 3								
Ruthton	Pipestone	323	do	Drift	6	260	1,740	− 60	1,680	35	N. e.	D.-w. p	35	G	El. tank	25
Sacred Heart	Renville	639	do	do	168	40	1,060	− 18	1,042	50	L. w. 4′ in 4 hrs.	Suc. p	50	G	do	20
St. Charles	Winona	1,238	do	Jordan and Dresbach.	10	942		−150							Sur. res.[b]	
St. James	Watonwan	2,320	2 wells	Various sandstones.	8	541	1,085	− 32	1,053	200	N. e.	D.-w. ps	600	S	St. pipe	145
					10	480				400	N. e.					
St. Paul	Ramsey	197,023	Lakes and many wells.[b]	St. Peter, Jordan, Dresbach, etc.		100–685						Suc. ps		S	Res	20,000
St. Peter	Nicollet	4,514	Well	Dresbach, etc	8	362		+ 0				Nat. flow			Sur. res., St. pipe.	
Sherburn	Martin	871	do	Drift	8	248	1,307	− 96	1,211	160	N. e.	D.-w. p	80	G	Sur. res	30
															El. tank	68
Silver Lake	McLeod	390	Lake											S	Res	30
Slayton	Murray	839	Well	Drift	8	205	1,611	− 50	1,561	45	N. e.	D.-w. p	45	G	Sur. res. and el. tank.	168
Sleepy Eye	Brown	2,312	2 wells	do	4½	180	1,034	− 60	974	40		D.-w. p	110	S	El. tank	66
					4	222	1,034	− 45	989	100		Air lift		S		

South St. Paul.	Dakota	3,458	Well	Dresbach, etc.	8	880		+ 7				Nat. flow. Suc. p.		S	St. pipe	150
South Stillwater.	Washington	1,572	Well and creek.		216	20	686	+ 0	686			Nat. flow.		S		
Springfield	Brown	1,546	2 wells and springs.	Alluvium	4	36	1,030					Suc. p.	250	S	Sur. res. and el. tank.	45
Spring Grove	Houston	627	Well	St. Peter, New Richmond.	5	396		−300							El. tank	
Spring Valley	Fillmore	1,573	Spring and well.	Galena, etc.	480	18										
Stewart	McLeod	460	Well	Drift	8	320	1,060	− 13	1,047	60	N. e.	D.-w. p.	60	G	El. tank	70
Stewartville	Olmsted	851	do [c]	Drift (?)	6	63		− 33							do	
Stillwater	Washington	12,435	Lake. Well. Spring.	Dresbach, etc. Jordan (?)	8	3,447		− 30							3 st. pipes.	300
Tracy	Lyon	2,015	Well	Cretaceous	10, 8 and 6	600	1,408	−180	1,228	50	N. e.	D.-w. p.	50	G. and s.	Sur. res. El. tank	87 98
Truman	Martin	450	do	Drift	8	104	1,100	− 6	1,094					G	Comp. ch.	13.5
Tyler	Lincoln	699	do	do	8	230	1,750	− 70	1,680	35	N. e.	D.-w. p.	35	G	El. tank	73
Vernon Center.	Blue Earth	313	do		8 and 6	147	1,035	− 90	945	80	N. e.	D.-w. p.	80	G	do	40
Walnut Grove.	Redwood	392	do	Cretaceous	6	312	1,228	− 12	1,216	37	N. e.	D.-w. p.	37	G	do	64
Waseca	Waseca	2,838	2 wells	St. Peter Jordan	10 10	600 1,157	1,153	−125	1,028	100	N. e.	Air lift	50	S	Res. and el. tank.	600
Waterville	Lesueur	1,383	Well	Drift	8	185	1,007	− 10	997			Suc. p.		S	El. tank	
Waverly	Wright	582	Lake											G	Comp. ch.	10
Welcome	Martin	500	Well	Drift	60	150	1,251	−100	1,151	60	E. w. in 1 hr.	D.-w. p.		G	do	13.5
Wells	Faribault	1,814	2 wells	Galena, etc. St. Peter (?)	8 12	216 265		− 10		100		Suc. p.	500	S	Sur. res. El. tank	90 75
Westbrook	Cottonwood	460	Well	Drift	36	64	1,425	− 25	1,400	25	E. w. in 1 hr.	D.-w. p.		G	do	41
West Concord	Dodge	616	do		8	150	1,230	− 3	1,227	Large.		Suc. p.		G	None	
West Minneapolis	Hennepin	2,530	do	St. Peter. New Richmond. Dresbach.	8	600									El. tank	
White Bear Lake.	Ramsey	1,724	do	St. Peter	10	112		− 34		85	N. e.	D.-w. p.	85	G	do	75
Willmar	Kandiyohi	4,040	do	Drift	8	273	1,133	− 4	1,129	500	N. e.	Suc. ps.	500+	S	do	72
Wilmont	Nobles	279	do	do	8	345	1,745	−120	1,625	100	N. e.	D.-w. p.	100	G	do	42
Windom	Cottonwood	1,884	2 wells	Drift and Cretaceous.	168 and 3	65	1,358	− 10	1,348			Suc. p.	300	S	do	129
					8	280	1,358	−100	1,258	120	N. e.	D.-w. p.	120	S		
Winnebago	Faribault	1,553	Well		8	266		− 6								
Winona	Winona	20,334	2 wells [d]	Alluvium	720	28 and 38									St.-pipe	
				Dresbach, etc.	8	500										
Winsted	McLeod	314	Lake													

[a] River for reserve in case of fire. [b] See p. 304. [c] A new well is being installed. [d] Also river.

Public water supplies in southern Minnesota—Continued.

City or village.	County.	Population.	Water supply.								Plant.				
			Source.	Geologic source.	Diameter of wells.	Depth of wells.	Elevation of surface.	Head relative to surface.	Head of water above sea level.	Test of wells.	Effect of test.	Method of lifting water to the surface.	Capacity of pumps (or other device) for lifting water.	Power.	Reservoirs.	Capacity of reservoirs.
					In.	*Ft.*	*Ft.*	*Ft.*	*Ft.*	*Galls. per min.*			*Galls. per min.*			*M galls.*
Winthrop	Sibley	1,031	Well	Drift	10	239				75	N. e.	D.-w. p.		S.	El. tank	55
Wood Lake	Yellow Medicine.	347	do	do	6	186	1,069	− 45	1,024	25	N. e.	D.-w. p.	25	G.	do	50
Worthington	Nobles	2,276	2 wells [a]	do	12	77	1,585	− 7	1,578			Suc. ps.	1,000	S.	None	
Wykoff	Fillmore	488	Well	Jordan	8	600		−300		180	N. e.	D.-w. p.	40	S.	El. tank	50
															5 cist	150
Zumbrota	Goodhue	1,129	do	St. Peter, New Richmond (?)	10	210		− 30				D.-w. p.	50	G.	Sur. res. [b]	150

[a] Also two shallow wells and the lake for reserve in case of fire.

[b] On high ground.

Public water supplies in southern Minnesota—Continued.

City or village.	Plant—Continued.				System.			Consumption.					
	Domestic pressure[a] per square inch.	Method of applying domestic pressure.[b]	Fire pressure[c] per square inch.	Method of applying fire pressure.[b]	Length of mains.	Number of fire hydrants.	Number of taps.[d]	Average daily consumption.[e]	Maximum daily capacity of source.[f]	Number of people supplied.[g]	Percentage of total population.[h]	Is water used for drinking in public schools?	Price charged.[i]
	Pounds.		*Pounds.*		*Miles.*			*Gallons.*	*Gallons.*				
Adams	40	Gravity	40	Gravity	1	11	60	9,000	100,000 (?)	400	65	Yes	Flat, $3.
Adrian	40–45	do	80–100	Direct	Several.	20	64	40,000		700	50	No	Flat, meter, 50 to 40 c.
Albert Lea	50	do	100	do	6	75	650	200,000	1,500,000 (?)	3,250	50	Yes	Flat, $5; meter, 20 to 8 c.
Alden	44	do	44	Gravity	1	15	25	19,000	80,000	150	25	Yes	Flat, $5.
Alpha	55–70	Comp. air.	70	Comp. air.	½	5	0	Small.	150,000	0	0	No	
Amboy	43	Gravity	43	Gravity	¾	10	20	10,000	Large.	200	30	Yes	Flat, $5.
Anoka	45	do	100–120	Direct	7½	65	Many.	300,000		Many.			Meter, 45 c. and less (min. $9 a yr.).
Appleton	45	do	90	do	4	16	87	20,000		400	30	No	Meter, 15 c.
Atwater	43	do	43	Gravity *j*	1	8	16	15,000	100,000	40	5	No	Meter, 25 c.
Austin	60	Direct	115	Direct	12	96	650	500,000	*k* 1,000,000	2,700	40	Yes	Meter, 20 to 15 c.
Avoca	40	Gravity	40	Gravity	⅛	3	0	Small.	2,250	0	0	No	
Balaton	40	do	40	do	⅝	10	30	10,000		200	50		Meter, 25 c. (min. $3 per yr.).
Beardsley	43	do	43	do	½	8	20	6,000	90,000	350	66⅔	Yes	Flat, $6.
Belle Plaine	50	do	60	Gravity and direct.	⅘	10	*l* 10	(*l*)	100,000	(*l*)	(*l k*)	Yes	Meter, 40 c.
Bellingham	45	do	45	Gravity	⅛	3	3	Small.	50,000			No	
Benson	50	do	50+	Gravity or direct. *j*	Several.	21	130	25,000	225,000	800	40		Flat; meter, 27 to 19 c.
Bird Island	45	do	45	Gravity	½	9	16	16,000	150,000	100	10	Yes	Meter, 10 to 8 c.
Blooming Prairie.	65	do	65	do	1	15	100	20,000					

a The pressure given is generally the average for the business section.
b The term "direct" indicates that the pressure is applied by the pumps discharging directly into the mains.
c The pressure here recorded is commonly the maximum that is applied.
d This column gives the number of dwellings, places of business, factories, etc., supplied.
e Nearly all the figures given are estimated.
f This column shows the extent to which the source has been tested. For many towns the actual maximum capacity is greater.
g Estimated.
h The percentage is based on the approximate population Jan. 1, 1908, and not on that given in the column headed "Population."
i Flat: Minimum for one year. Meter: Maximum and minimum for 1,000 gallons.
j Portable fire engine.
k From the wells.
l Installed in 1908. More taps, etc., will be added.

Public water supplies in southern Minnesota—Continued.

City or village.	Plant—Continued.				System.			Consumption.					
	Domestic pressure per square inch.	Method of applying domestic pressure.	Fire pressure per square inch.	Method of applying fire pressure.	Length of mains.	Number of fire hydrants.	Number of taps.	Average daily consumption.	Maximum daily capacity of source.	Number of people supplied.	Percentage of total population.	Is water used for drinking in public schools?	Price charged.
	Pounds.		*Pounds.*		*Miles.*			*Gallons.*	*Gallons.*				
Blue Earth	33	do	85	Direct	5½	60	225	60,000	500,000	1,200	50	Yes	Flat, $4.
Boyd	65	Comp. air.	80	Comp. air.	2⅝	11	1	50		5	1	No	Flat, $12.
Bricelyn	65	do	65	do	1½	12	60	5,000	125,000	300	75	Yes	Flat, $5.
Brown Valley (main supply).	43	Gravity	43	Gravity	1	11	21	18,000	25,000	450	50	Yes	Flat, $4; meter, 25 to 20 c.
Brown Valley (soft-water supply).[a]	Small.	do											
Brownton	65	Comp. air.	65	Comp. air.	⅝	10	90	4,000	125,000	450	92		Flat, $5; meter, 30 c.
Buffalo Lake	45	Gravity	45	Gravity	2⅝	7	12	3,000	Not great.	25	5	Yes	Flat.
Caledonia	47	do	120	Direct	2	20	100	25,000					
Canby	45	do	45	Gravity	1⅜	18		10,000	[b] 195,000			Yes	Meter, 14 c.
Cannon Falls	65	do	85	Gravity and direct.	1⅝	15	39	4,000	500,000	200	12½	Yes	Meter, 40 to 10 c.
Ceylon	40–50	Comp. air.	70–75	Comp. air.	¼	3	4	1,500	150,000	15	3	No	Free.
Chaska	15	Direct from well.		(c)	¼	4	5	Small.	750,000	Small.	Small.	No	
Chatfield	60	Gravity	60	Gravity			200	30,000		600(?)	60(?)	Yes	Flat, $5.
Clarkfield	45	do	45	do	¼	4	0	Small.	20,000	None.	0		
Clinton	37	do	37	do	1⅛	9	15	14,000	120,000	400	80	Yes	Flat, $5.
Cokato	50	do	50	do	Short.	1	0	Small.		Few.		No	
Comfrey	45	do	45	do	¼	4	0	Small.	86,000	None.	0	No	
Cottonwood	40	do	40	Gravity and direct.[d]	¾	6	0	Small.	1,200	None.		No	
Currie	60–80	Comp. air.	60–80	Comp. air.	¼	4	5	1,200	75,000	80	20	No	Flat, $4.
Dassel	40	Gravity	40	Gravity	1⅝	12	30	7,000	65,000	100	15		Flat and meters.
Dawson[e]	50	do	50–150	Gravity and direct.	1½	9	42		200,000(?)	210	20	No	Flat, $12; meters.
De Graff	None.	None		Direct[d]	0	0	0	Small.				No	

Delano	45	Gravity	45	Gravity and direct.	5/8	13	52	30,000	350,000	250	25	No	Meter, 20 to 10 c.
Delavan		do				9	8	5,000					
Easton	36	do	36	Gravity	3/4	9	19	7,000	165,000	150	45	Yes	Free.
Echo	40	do	40	do	1/2	5	2	Small.		None.	0	No	
Eden Valley		do		Gravity and direct.[d]	1/2	4	10	4,500	60,000			No	
Edgerton	44	do	44	Gravity	3/4	8	32	7,000	250,000	100	25	No	Flat, $6.
Elgin	40		40										
Ellendale	55–65	Comp. air.	65	Comp. air and direct.	1/2	9	23			150	60	No	Flat, $5.
Ellsworth	70–95	do	70–95	Comp. air.	1 1/4	7	12	200		12	2		Flat, $8.
Elmore		Gravity				19	1						
Elysian	75	do	75	Gravity	3/4	8	15	5,000	55,000	100	20	Yes	Flat, $5.
Emmons	None.		80	Direct	0	1	0	Small.	60,000	None.	0	No	
Excelsior	25	Gravity	(f)	(f)	3/4	0	30	3,500		100	10	No	Flat, $18.
Eyota[g]	65	Comp. air.	100	Comp. air.	1	10	0						
Fairfax	40	Gravity	40	Gravity and direct.[d]	1/2	8	12	2,500	30,000	Few.	Small.	No	Meter, 50 c.
Fairmont	50	Direct	150	Direct	2 1/2	39	175	120,000		1,500	50	In part	Flat, $4; meter, 35 c.
Faribault	100	Gravity	100	Gravity	15	105	500	450,000	1,500,000	3,000	33 1/3	Yes	Meter, 40 and 10 c.
Fort Snelling	55	Gravity and direct	100	Direct[h]	4	47	200	240,000	1,500,000		100		Free.
Fountain	60	Comp. air.	100	Comp. air.	1 1/4	10	25	15,000	95,000	425	99	Yes	Flat, $6; meter, 40 c.
Franklin	45	Gravity	45	Gravity	3/4	9	42	10,000	70,000	500	90	Yes	Flat, $4; meter, 40 c.
Fulda	50	do	50–100	Gravity[e]	1 1/4	14	45		45,000	225(?)		Yes	Flat, $5.
Gibbon		do		Gravity and direct.[d]	1/8	3	2	Small.		None.	0	No	
Glencoe	65	do	125	Direct	4 1/4	37	200	125,000	300,000	1,000	50	Yes	Flat, $4; meter, 20 to 10 c.
Goodhue		do		Gravity	2	15	100	10,000	432,000	400	95	Yes	Flat, $4; meter, 47 c.
Good Thunder.	60	do	60	do	1/2	8	27	9,400	75,000	126	25	No	Flat, $3.
Graceville	47	do	47	do	2	21	212	10,000	100,000	1,032	100	Yes	Meter, 80 to 40 c.
Grand Meadow.	44	do	44	do	3/4	10	14	2,350	110,000	60	10	Yes	Flat, $5.
Granite Falls	70–80	do	70–80	do	2	16		40,000	Large.		Large.		Meter, 27 to 11 c.
Grove City	40–50	do	40–50	do	4/8	11	33	6,000	100,000	80	20	Yes	Flat, $2.
Hanley Falls	45	do	45	do	3/8	6	20	12,000	60,000	400	100	Yes	Free.
Hardwick	23	do	23	do	0	0	0	Small.	35,000	None.	0	No	

[a] No system. Supply used by all for bath and laundry purposes.
[b] Less in dry years.
[c] Portable fire engine.
[d] Fire engine.
[e] Water can be used direct from lake in case of fire.
[f] Fire engine pumps direct from lake.
[g] Recently installed.
[h] Fire engine is also used.

Public water supplies in southern Minnesota—Continued.

City or village.	Plant—Continued.				System.			Consumption.					
	Domestic pressure per square inch.	Method of applying domestic pressure.	Fire pressure per square inch.	Method of applying fire pressure.	Length of mains.	Number of fire hydrants.	Number of taps.	Average daily consumption.	Maximum daily capacity of source.	Number of people supplied.	Percentage of total population.	Is water used for drinking in public schools?	Price charged.
	Pounds.		*Pounds.*		*Miles.*			*Gallons.*	*Gallons.*				
Harmony	65	Comp. air.	65–100	Comp. air and direct.	1¼	14	100	10,000	65,000	.....	Large.	Yes	Flat, $5; meter, $1.
Hartland	59	Gravity	59	Gravity	½	6	8	1,800	.....	.....	.....	.....	
Hastings	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Hayfield	.....	.....	.....	.....	1¼	12	.....	2,000	.....	.....	.....	.....	
Hector	45	Gravity	45	Gravity	⅜	10	16	12,000	.....	80	10	Yes	Meter, 50 c.
Henderson	80–85	do	85–135	Gravity and direct.	1½	13	1	Small.	450,000	None.	0	Yes	
Hendricks	55	do	55	Gravity	.....	10	25	3,000	.....	75	20	No	Flat, $3.
Hokah	65	do	65	do	1	9	45	5,000	125,000	250	50	Yes	Flat, $4.
Houston	70	Comp. air.	70	Comp. air.	½	7	None.	Small.	185,000	None.	0	No	
Howard Lake	64	Gravity	64+	Gravity and direct.	1¼	13	.....	25,000	.....	480	60	.....	Flat, $5.
Hutchinson	60	do	125	Direct	3½	36	.....	33,000	1,000,000(?)	.....	.....	Yes	Flat, $5; meter, 25 c. (min., $5).
Iona	40	do	40	Gravity	¼	4	17	7,680	46,000	150	50	No	Flat, $6.
Ivanhoe	45	do	45	do	.....	8	16	.....	.....	.....	.....	.....	
Jackson	65	do	65	do	1½	18	100	50,000	.....	600	33⅓	Yes	Flat, $6.
Jasper	30–60	do	80	Gravity and direct.	1¼	16	40	10,000	75,000	200	33⅓	.....	Flat, $5.
Kasson	55	do	100	Direct	2½	38	96	30,000	Large.	500	50	Yes	Flat, $4.50.
Kenyon	100	do	100	Gravity	1	20	60	10,000	.....	.....	.....	.....	
Kilkenny	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Kiester	35–40	Gravity	35–40	Gravity	½	6	23	.....	.....	85	35	No	Flat, $6.
Lake Benton	80	do	110	Direct	1⅛	11	50	7,500	.....	250	30	Yes	Meter, 25 c.; (min., $5.40.)
Lake City	60	Direct	100	do	5¼	36	315	100,000	.....	2,800	90	Yes	Meter, 33⅓ to 13⅓ c.
Lake Crystal	0	.....	100	Direct[a]	½	9	0	Fire only.	.....	None.	0	No	
Lakefield	40	Direct	140	Direct	1½	12	45	25,000	250,000	200	20	Yes	Flat, $6.
Lamberton	48	Gravity	48	Gravity	1	13	27	10,00	40,000	125	20	Yes	Do.
Lanesboro	60	do	100	Direct	1½	15	40	27,000	.....	.....	.....	.....	
Leroy	40	do	40	Gravity	2	16	75	8,000	120,000	300	33⅓	No	Flat, $5.
Lester Prairie	45	do	45	do	⅖	8	22	6,000	.....	100	15	.....	Flat, $4.

Lesueur	70	...do	70	Gravity and direct.	3¼	42	200	40,000	500,000	1,000	50	Yes	Flat, $5; meter, 20 c.
Lesueur Center.	42	...do	100	Direct	¾	7	13	10,000		18	3	No	Meter, 20 c.
Lewiston	42	...do	42	Gravity	1¾	14	60	2,000	60,000	350	75	Yes	Flat, $3.
Litchfield	43	...do	165	Direct	6	28	100	60,000	800,000	500	20	Yes	Meter, 20 c.
Lonsdale		...do		Gravity	⅓	5	20						
Luverne	45	...do	80	Direct	6	44	480	100,000	Great.	2,000	70	Yes	Meter, 56 to 8 c.
Lyle	40	...do	40	Gravity	½	12	19	8,000	50,000	150	20	No	Flat, $5.
Mabel	55	...do	55	...do	1½	14	50	1,900	95,000	175	25	Yes	Flat, $3.75.
Madelia	40	...do	40	...do	2	36	125	12,000	100,000	700	45	Yes	Meter, 40 to 25 c.
Mankato	100	...do	100	Gravity and direct.	17	162	1,125	783,000	1,500,000	8,000	66⅔	Yes	Meter, 12 to 10 c. (min., $6).
Mapleton	55	...do	55	Gravity	1½	14	78	10,000	70,000			Yes	Meter, 25 to 15 c.
Marshall	45	Direct	100–120	Direct	3½	30	112	40,000	80,000	600	25		Meter, 27 to 20 c.
Maynard		Comp. air		Comp. air	½	10	0	Small.		None.	0	No	
Mazeppa	40	Gravity	40	Gravity	½	6	29	1,000					
Milan	52	...do	52	...do	½	6	10		36,000			No	
Minneapolis	90	...do	(b)	(b)	349	4,015		c17,591,854	(c)			No	Flat, $2; meter, 8 c.
Minneiska								Fire only.					
Minneota	40	Gravity	40	Gravity	1½	20	40	7,000	45,000	280	25		Flat, $5; meter, 25 c.
Minnesota Lake.	35	...do	35	...do	1½	16	20	1,000		100	20	No	Flat, $5.
Montevideo	80	...do	80	...do	2½	35	143	100,000	500,000	900	33⅓	Yes	Meter, 40 to 12 c.
Montgomery	52	...do	52	...do	1¾	18	75	25,000		750	60	No	Flat, $4.
Monticello	40–80	Comp. air	40–80	Comp. air	1½	19	48	25,000	800,000	250	25	Yes	Flat, $4; meter, 30 to 20 c.
Morton	20	Direct	60	Gravity	1½	16	80	20,000		650	80	Yes	Flat, $5.
Mountain Lake.	40	Gravity	40	...do	2	19	60	20,000	60,000	400	33⅓	Yes	Do.
New London			150	Direct	¼	3	0	None.		None.	0	No	
New Prague	50	Gravity	50	Gravity	1	18	40	45,000		750	75 (?)	Yes	Flat; meter, 50 to 20 c.
New Richland.	53	...do	53	...do		22	28	1,750 (?)					
New Ulm		...do		Direct	11	8	450	80,000	400,000	3,400	60		Meter, 25 c. (more or less).
Nicollet	50	...do	50	Gravity	½	6	6	1,600	32,000	35	10	Yes	Meter, 50 c. (min., $5).
Northfield	80	...do	80–150	Gravity and direct.	8	81	377	236,000	1,500,000		33⅓	Yes	Meter, 20 to 8 c. (min., $6).
North St. Paul.	20	...do	60–80	Direct	2	27	10	6,000	d 150,000			No	Meter, 20 c.
Olivia	50	...do	50	Gravity	2	20	58	17,000	90,000	250	25	Yes	Flat, $5; meter, 40 c.
Ortonville	70	...do	70	...do	1⅔	19	125	65,000	200,000	500	25		Meter, 53 to 13 c. (min., $6).
Owatonna	50	...do	100	Direct	14	105	800	400,000					
Pine Island	50	...do	50	Gravity	1½	18	75	40,000	150,000	500	66⅔	No	Flat, $3.
Pipestone	20–40	...do	140	Direct	6	42	375	60,000	216,000	2,300	90	Yes	Flat, $6; meter, 30 c.
Plainview	40	...do	40	Gravity	4	10	220	25,000					
Preston	95	...do	95	...do		29	167	30,000				Yes	Flat, $5.
Redwing													

a Capacity of pump 500 gallons per minute.
b Portable fire engines.
c Daily capacity of plant 80,000,000 gallons.
d From well alone.

Public water supplies in southern Minnesota—Continued.

City or village.	Plant—Continued.				System.			Consumption.					
	Domestic pressure per square inch.	Method of applying domestic pressure.	Fire pressure per square inch.	Method of applying fire pressure.	Length of mains.	Number of fire hydrants.	Number of taps.	Average daily consumption.	Maximum daily capacity of source.	Number of people supplied.	Percentage of total population.	Is water used for drinking in public schools?	Price charged.
	Pounds.		*Pounds.*		*Miles.*			*Gallons.*	*Gallons.*				
Redwood Falls.	45	...do.....	80	Direct.....	6	.....	210	30,000	100,000	980	50	Yes.....	Meter, 40 to 15 c.
Renville.....	45	...do.....	45	Gravity...	1¼	23	60	10,000	65,000	300	25	Yes.....	Flat, $4.80.
Rochester....	80	Gravity and direct.	80–110	Gravity and direct.	12	165	900	400,000	1,000,000	4,000	50	Yes.....	Flat, $5; meter, 30 to 10 c.
Rolling Stone	78	Gravity...	78	Gravity...	1½	12	30	.....	75,000	200	90	Yes.....	Flat, $3.
Rose Creek...	.....	.....	60	Direct.....	½	6	11	3,000	150,000	20	10	No.....	Flat, $5.
Rushford.....	.....	.....	.....	.....	2½	35	75	15,000	.....	.....	.....	.....	
Ruthton.....	40	Gravity...	40	Gravity...	¼	3	0	Small.	50,000	None.	0	No.....	
Sacred Heart.	40	...do.....	40	...do.....	⅜	8	28	4,000	75,000	125	20	Yes.....	Flat, $6.
St. Charles...	50	...do.....	50	...do.....	3	40	200	10,000	.....	.....	.....	.....	
St. James....	40	...do.....	80–120	Direct.....	3½	43	135	30,000	800,000	.....	.....	.....	Flat; meter, 50 c. and less.
St. Paul.....	10–75	...do.....	(*a*)	(*a*)	300	2,773	24,773	[*b*]10,781,044	(*b*)	.....	.....	Yes.....	Flat, $3; meter, 13 to 7 c.
St. Peter.....	85	...do.....	85	Gravity...	4½	41	225	20,000	.....	1,050	28	Yes.....	Meter, 30 c. (min., $3).
Sherburn.....	50	...do.....	50	...do.....	Several.	38	50	13,000	240,000	250	25	Yes.....	Flat, $3; meter, 25 c.
Silver Lake..	.....	.....	.....	Direct.....	1½	9	.....	.....	.....	.....	.....	No.....	
Slayton.....	40	Gravity...	60	Gravity and direct.	1½	23	72	15,000	65,000	600	66⅔	Yes.....	Flat, $5.
Sleepy Eye...	45	...do.....	100	Direct.....	2	25	65	28,800	150,000	400	20	Yes.....	Flat, $4.80; meter, 40 to 20 c.
South St. Paul.	100	...do.....	100	Gravity...	6	34	190	22,500	2,000,000	3,000	50	Yes.....	Meter, 40 to 20 c.
South Stillwater.	.....	.....	150	Direct.....	2	21	20	.....	.....	.....	.....	No.....	
Springfield...	68	Gravity...	68	Gravity...	3	36	25	30,000	180,000	.....	.....	Yes.....	Flat, $5.
Spring Grove	.....	...do.....	.....	...do.....	1	14	40	8,000	.....	.....	.....	.....	
Spring Valley	40	Direct.....	100	Direct.....	3	45	150	65,000	.....	.....	.....	.....	
Stewart.....	43	Gravity...	43	Gravity...	⅜	9	23	20,000	80,000	50	10	.....	Do.
Stewartville..	50	...do.....	50	...do.....	1¼	7	40	8,000	.....	.....	.....	.....	
Stillwater....	65–100	...do.....	65–100	Direct.....	14	130	750	1,250,000	3,000,000	.....	75	Yes.....	Flat, $6.
Tracy.....	45	...do.....	100–150	...do.....	3½	28	250	50,000	75,000	1,800	85	.....	Do.
Truman.....	50–60	Comp. air.	50–60	Comp. air.	½	4	3	Small.	.....	Few.	Small.	No.....	Do.
Tyler.....	45	Gravity...	45	Gravity...	½	9	25	.....	45,000	.....	.....	Yes.....	Flat, $5.40; meter, 40 c.

Vernon Center.	44	...do.....	44	Gravity and direct.	1/3	5	15	.....	120,000	40	10	No.....	
Walnut Grove.	44	...do.....	44	Gravity...	4/5	10	50	3,000	50,000	300	75	Yes.....	Flat, $4.
Waseca.....	45	...do.....	150	Direct.....	6½	46	.....	50,000	150,000	2,000	66⅔	Yes.....	Flat, $6; meter, 30 c. (min. meter, $5.)
Waterville...	45	...do.....	45	Gravity...	3/4	9	22	10,000	.....	.....	.....	No.....	Flat, $6; meter, 80 to 30 c.
Waverly.....	50	Comp. air.	75	Comp. air and direct.	1	13	30	3,500	.....	.....	.....	No.....	Flat, $4.
Welcome.....	60–65	...do.....	60–65	Comp. air.	¾	7	10	2,000	20,000	25	5	Yes.....	Flat, $6.
Wells.....	45	Gravity...	100	Direct.....	2½	23	125	100,000	150,000	1,250	65	Yes.....	Flat, $5; meter, 25 c.
Westbrook...	45	...do.....	45	Gravity...	1/3	5	0	500	5,000	0	0	No.....	
West Concord	None.	.....	80	Direct.....	1	7	0	Small.	Great.	0	0	No.....	
West Minneapolis.	50	Gravity...	50	Gravity...	.....	.....	.....	.....	.....	.....	.....	.....	
White Bear Lake.	50	...do.....	50	...do.....	2	24	30	15,000	125,000	235	13	No.....	Flat, $5.
Willmar.....	43	...do.....	80–100	Direct.....	5½	46	300	100,000	750,000	1,500	30	.....	Meter, 47 to 11 c.
Wilmont.....	40	...do.....	40	Gravity...	1/3	5	1	500	150,000	None.	0	No.....	
Windom.....	65	...do.....	65	...do.....	4	28	100	15,000	300,000	450	25	Yes.....	Flat, $5; meter, 50 to 25 c.
Winnebago..	40	Direct.....	100	Direct.....	5	14	250	100,000	.....	.....	.....	.....	
Winona.....	50	Gravity...	90	...do.....	36	365	2,735	2,000,000	.....	.....	.....	.....	
Winsted.....	.....	.....	.....	.....	.....	10	.....	.....	.....	.....	.....	No.....	
Winthrop....	45	Gravity...	45	Gravity...	2	17	.....	4,500	75,000	.....	.....	No.....	
Wood Lake..	45	...do.....	45	...do.....	1/5	5	0	Small.	35,000	None.	0	No.....	
Worthington.	40–60	Direct.....	100–110	Direct.....	4½	26	317	65,000	Great.	1,000	40	Yes.....	Flat; meter, 25 to 20 c.
Wykoff.....	45	Gravity...	45	Gravity...	1½	15	85	12,000	250,000	500	90	Yes.....	Flat, $5.
Zumbrota....	65	...do.....	65	...do.....	2½	21	100	5,000	.....	250	15	Yes.....	Meter, 30 c.

a Portable fire engines.

b Daily capacity of plant, 20,000,000 gallons.