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# Yearly Dates of Last Spring and First Fall Occurrence of Minimum Temperature of 24° F or Lower for 58 Weather Bureau Stations of South Dakota

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YEARLY DATES OF LAST SPRING AND FIRST FALL OCCURRENCE  
OF MINIMUM TEMPERATURE OF 24° F OR LOWER FOR 58  
WEATHER BUREAU STATIONS OF SOUTH DAKOTA

Prepared

by

Ray F. Pengra

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#### ACKNOWLEDGMENT

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The last spring and first fall dates of a minimum temperature which will injure a particular crop determine the length of season for that crop within that community.

These spring and fall dates have been determined each year for 58 Weather Bureau stations of South Dakota for each of the three temperatures of 24<sup>o</sup>, 28<sup>o</sup> and 32<sup>o</sup> F. Since publication in a single mimeograph pamphlet would be bulky, three mimeograph reports have been prepared one for each of the three above temperatures showing last spring and first fall dates on which such temperature occurred as well as the number of days each year between these dates. Average of spring and fall dates as well as average number of days between these dates are shown at the end of each table.

Average number of days between last spring and first fall dates of 24<sup>o</sup> F or lower for each station are shown on the following map of South Dakota. Figures are located within the county where each station is located but no attempt was made to place the figures at the exact location of the station within the county. The following list shows the stations for which data were used as well as the county and table number for that station in the following pages.

## WEEKLY SUMMARY OF WEATHER DATA

Station	Census Area	Alpha Number	County	Year		Table Number
				Start	End	
Aberdeen	22	0020	Brown	1896	1955	1
Academy	32	0043	Charles Mix	1898	1955	2
Armour	32	0296	Douglas	1896	1955	3
Britton	22	1049	Marshall	1913	1955	4
Brookings	41	1076	Brookings	1893	1955	5
Camp Crook	10	1294	Harding	1896	1955	6
Centerville	42	1579	Turner	1908	1955	7
Clark	22	1739	Clark	1896	1955	8
Cottonwood	10	1972	Jackson	1909	1955	9
Custer	10	2087	Custer	1942	1955	10
Dupree	10	2429	Ziebach	1922	1955	11
Eureka	21	2797	McPherson	1908	1955	12
Fairfax	31	2820	Gregory	1903	1955	13
Faith	10	2852	Meade	1926	1955	14
Faulkton	21	2927	Faulk	1896	1955	15
Forestburg	32	3029	Sanborn	1896	1955	16
Gann Valley	31	3217	Buffalo	1918	1955	17
Gregory	31	3452	Gregory	1930	1955	18
Highmore	21	3832	Hyde	1896	1955	19
Hot Springs	10	4007	Fall River	1897	1955	20
Howard	32	4037	Miner	1896	1955	21
Huron	22	4127	Beadle	1881	1955	22
Kennebec	10	4516	Lyman	1906	1955	23

WEEKLY SUMMARY OF WEATHER DATA  
(Continued)

Station	Census Area	Alpha Number	County	Year		Table Number
				Start	End	
Lead	10	4834	Lawrence	1909	1955	24
Lemmon	10	4864	Perkins	1920	1955	25
Long Valley	10	4983	Washabaugh	1927	1955	26
Marion	42	5228	Turner	1901	1955	27
Martin	10	5281	Bennett	1937	1955	28
McIntosh	10	5381	Corson	1915	1955	29
Mellette	22	5456	Spink	1897	1955	30
Menno	32	5481	Hutchinson	1896	1955	31
Milbank	41	5536	Grant	1893	1955	32
Miller	21	5561	Hand	1902	1955	33
Mitchell	32	5671	Davison	1896	1955	34
Mobridge	21	5691	Walworth	1926	1955	35
Murdo	10	5891	Jones	1920	1955	36
Newell	10	6054	Butte	1920	1955	37
Oelrichs	10	6212	Fall River	1896	1955	38
Pierre	21	6597	Hughes	1892	1955	39
Pine Ridge	10	6612	Shannon	1933	1955	40
Polloch	21	6712	Campbell	1920	1955	41
Rapid City	10	6937	Pennington	1889	1955	42
Redfield	22	7047	Spink	1898	1955	43
Redig	10	7062	Harding	1920	1955	44
Sioux Falls	42	7667	Minnehaha	1896	1955	45
Sisseton	41	7742	Roberts	1931	1955	46

WEEKLY SUMMARY OF WEATHER DATA  
(Continued)

Station	Census Area	Alpha Number	County	Year		Table Number
				Start	End	
Spearfish	10	7882	Lawrence	1897	1955	47
Timber Lake	10	8307	Dewey	1926	1955	48
Tyndall	32	8472	Bon Homme	1911	1955	49
Vale	10	8552	Butte	1920	1955	50
Vermillion	42	8622	Clay	1901	1955	51
Vivian	10	8727	Lyman	1920	1955	52
Watertown	41	8932	Codington	1896	1955	53
Wentworth	42	9042	Lake	1896	1955	54
White Lake	31	9232	Aurora	1920	1955	55
Winner	31	9367	Tripp	1925	1955	56
Wood	10	9442	Mellette	1920	1955	57
Yankton	42	9502	Yankton	1881	1955	58

Average Number of Days Between Last Spring and First Fall Dates

of 24 F

South Dakota

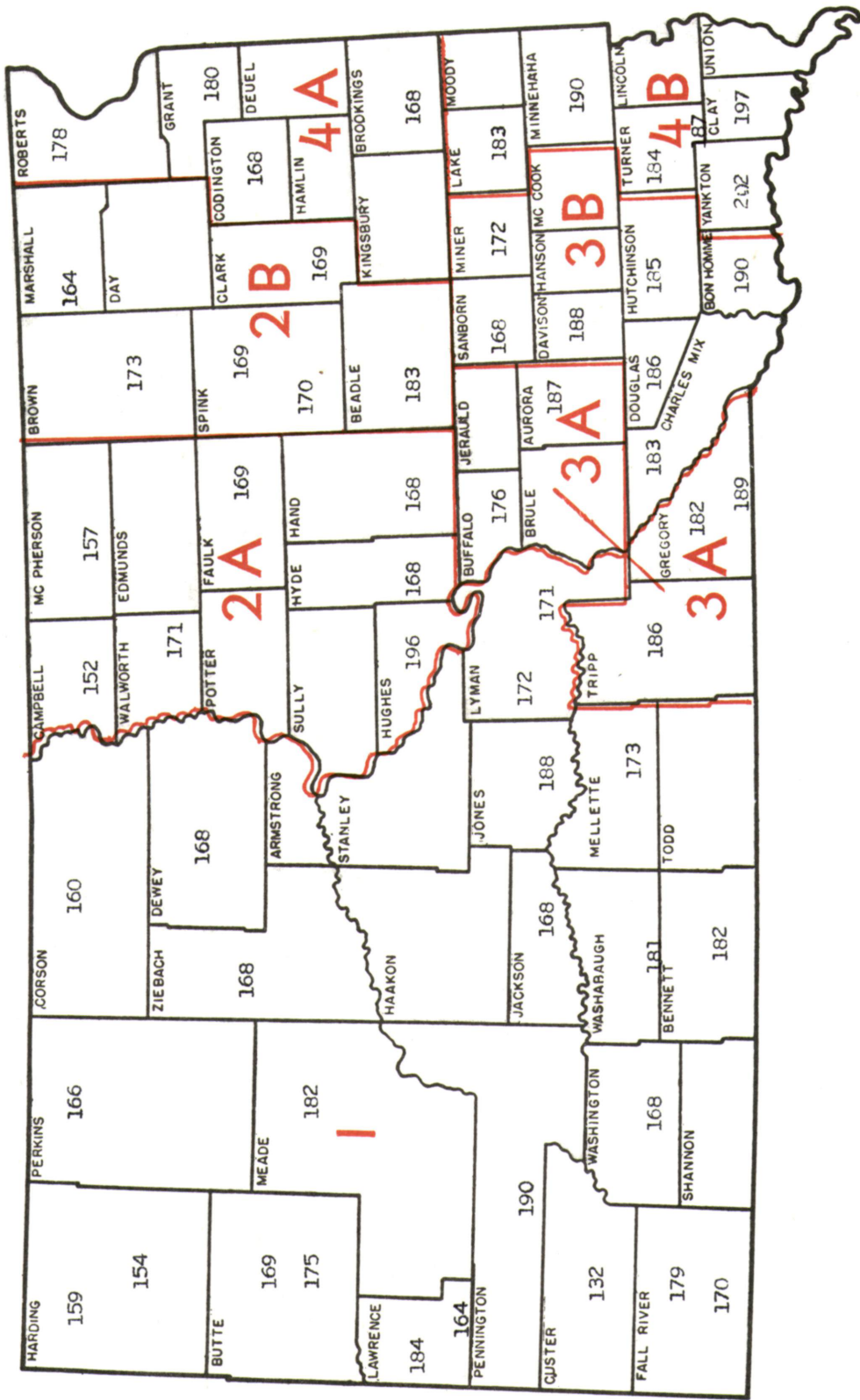




TABLE NO 1

0020 DATE STAT ION	ABERDEEN OF OCCURRENCE	SOUTH OF	DAKOTA 24 DEGREES	1896 DAYS	1955 OR LOWER BETWEEN DATES	
YEAR	LAST	SPRING	1ST	FALL		
20	1896	APRIL	04	SEPT	18	167
20	1897	MAY	31	OCT	08	030
20	1898	APRIL	25	OCT	05	163
20	1899	MAY	13	SEPT	29	139
20	1900	APRIL	01	SEPT	27	179
20	1901	MAY	12	SEPT	20	131
20	1902	APRIL	23	SEPT	12	142
20	1903	APRIL	30	OCT	16	169
20	1904	APRIL	19	OCT	06	170
20	1905	APRIL	30	OCT	11	164
20	1906	APRIL	06	OCT	09	186
20	1907	MAY	20	SEPT	28	131
20	1908	MAY	03	OCT	11	161
20	1909	MAY	03	OCT	12	162
20	1910	MAY	03	OCT	20	170
20	1911	MAY	03	OCT	26	176
20	1912	APRIL	07	SEPT	27	173
20	1913	APRIL	26	OCT	18	175
20	1914	APRIL	12	OCT	14	185
20	1915	APRIL	12	OCT	08	179
20	1916	MAY	01	OCT	20	172
20	1917	APRIL	15	OCT	08	176
20	1918	APRIL	24	OCT	27	186
20	1919	APRIL	24	OCT	10	169
20	1920	APRIL	13	SEPT	30	170
20	1921	APRIL	16	NOV	07	205
20	1922	APRIL	19	OCT	17	181
20	1923	APRIL	09	OCT	20	201
20	1924	APRIL	20	NOV	02	196
20	1925	MAY	21	OCT	08	201
20	1926	MAY	03	SEPT	25	145
20	1927	APRIL	22	NOV	02	194
20	1928	APRIL	24	OCT	29	188
20	1929	MAY	05			
20	1930	APRIL	01	OCT	17	199
20	1931	MAY	06	NOV	10	188
20	1932	APRIL	12	OCT	21	192
20	1933	APRIL	26	OCT	12	169
20	1934	APRIL	27	OCT	31	187
20	1935	APRIL	15	SEPT	27	165
20	1936	APRIL	22	OCT	13	174
20	1937	APRIL	05	OCT	13	191
20	1938	APRIL	09	OCT	23	097
20	1939	APRIL	21	SEPT	26	058
20	1940	APRIL	12	SEPT	25	066
20	1941	APRIL	03	OCT	27	207



TABLE NO 2

0043 ACADEMY SOUTH DAKOTA 1898 1955  
 DATE OF OCCURRENCE OF 24 DEGREES S F OR LOWER  
 STAT ION YEAR LAST SPRING 1ST FALL DAYS BETWEEN  
 ION YEAR LAST SPRING 1ST FALL DATES

43	1898			OCT	22	
43	1899	APRIL	07	SEPT	28	074
43	1900	APRIL	11	NOV	07	210
43	1901	APRIL	17	NOV	03	200
43	1902	APRIL	14	OCT	28	197
43	1903	APRIL	30	NOV	05	189
43	1904	APRIL	16	NOV	10	208
43	1905	APRIL	18	OCT	20	185
43	1906	APRIL	04	OCT	10	189
43	1907	MAY	03	OCT	17	167
43	1908	MAY	02	OCT	11	162
43	1909	MAY	03	OCT	12	162
43	1910	APRIL	23	OCT	21	181
43	1911	MAY	01	OCT	28	180
43	1912	APRIL	07	OCT	22	198
43	1913	MARCH	28	OCT	20	206
43	1914	APRIL	11	OCT	27	199
43	1915	APRIL	02	NOV	12	224
43	1916	MAY	01	OCT	20	072
43	1917	APRIL	02	OCT	08	189
43	1918	APRIL	24	SEPT	20	149
43	1919	APRIL	24	OCT	10	169
43	1920	APRIL	07	SEPT	30	176
43	1921	MAY	14	OCT	09	148
43	1922	APRIL	19	OCT	12	176
43	1923	MAY	09	OCT	20	164
43	1924	MAY	24	NOV	02	162
43	1925	MAY	06	OCT	17	164
43	1926	APRIL	28	SEPT	25	150
43	1927	APRIL	22	OCT	13	174
43	1928	APRIL	27	SEPT	27	153
43	1929	APRIL	12	NOV	02	204
43	1930	APRIL	01	OCT	17	199
43	1931	MAY	22	NOV	04	166
43	1932			OCT	09	
43	1933	APRIL	17	NOV	05	202
43	1934	APRIL	24	OCT	30	189
43	1935	APRIL	15	SEPT	27	165
43	1936	APRIL	21	OCT	13	075
43	1937	APRIL	04	OCT	14	193
43	1938	APRIL	09	OCT	23	197
43	1939	APRIL	12	OCT	26	197
43	1940	APRIL	12	NOV	01	203

TABLE 2 CONT							
0043	ACADEMY	SOUTH DAKOTA		1898	1955		
DATE OF OCCURENCE	OF	24	DEGREES	S	FOR	LOWER	
STAT	ION	YEAR	LAST	SPRING	1ST	FALL	DAYS BETWEEN DATES
43	1941	MARCH	28	OCT	28		814
43	1942	APRIL	11	OCT	23		095
43	1943	MAY	13	OCT	16		156
43	1944	APRIL	03	NOV	03		214
43	1945	MAY	08	OCT	22		167
43	1946	MAY	12	OCT	12		153
43	1947	APRIL	07	SEPT	22		168
43	1948	APRIL	08	OCT	17		192
43	1949	APRIL	03	OCT	26		206
43	1950	MAY	01	NOV	04		087
43	1951	APRIL	22	SEPT	28		159
43	1952	APRIL	10	OCT	05		178
43	1953	APRIL	20	OCT	24		187
43	1954	MAY	03	OCT	31		181
43	1955	MARCH	28	OCT	24		210
43	AVER	APRIL	19	OCT	19		183

TABLE NO 3						
0296	ARMOUR	SOUTH DAKOTA		1896	1955	
DATE OF OCCURRENCE	OF	OF	24 DEGREES	F	UR	LOWER
STATION	YEAR	LAST	SPRING	1ST	FALL	DAYS BETWEEN DATES
296	1896	APRIL	03	OCT	18	198
296	1897	APRIL	19	NOV	05	200
296	1898	APRIL	14			
296	1899	APRIL	07	SEPT	29	175
296	1900	APRIL	11	OCT	16	188
296	1901	APRIL	19	NOV	02	197
296	1902	APRIL	22	SEPT	17	148
296	1903	APRIL	29	NOV	05	190
296	1904	APRIL	19	OCT	25	189
296	1905	APRIL	21	OCT	10	172
296	1906	APRIL	14	OCT	09	178
296	1907	APRIL	29	OCT	11	165
296	1908	MAY	01	OCT	28	080
296	1909	MAY	03	NOV	08	189
296	1910			OCT	20	
296	1911	MAY	01	NOV	10	193
296	1912	APRIL	18	SEPT	27	162
296	1913	APRIL	27	OCT	17	173
296	1914	APRIL	12	OCT	26	197
296	1915	APRIL	02	NOV	12	224
296	1916	APRIL	16	OCT	17	084
296	1917	MARCH	26	OCT	08	196
296	1918	APRIL	08	SEPT	20	165
296	1919	APRIL	24	OCT	10	169
296	1920	APRIL	22	SEPT	30	161
296	1921	APRIL	17	NOV	08	205
296	1922	APRIL	19	OCT	12	176
296	1923	APRIL	08	OCT	20	195
296	1924	APRIL	17	NOV	02	199
296	1925	MARCH	27	OCT	09	096
296	1926	APRIL	28	SEPT	25	150
296	1927	APRIL	22	NOV	06	198
296	1928	APRIL	28	SEPT	25	150
296	1929	MAY	02	OCT	25	176
296	1930	APRIL	19	OCT	16	180
296	1931	MAY	21	NOV	10	073
296	1932	APRIL	27	NOV	08	195
296	1933	APRIL	14	NOV	05	205
296	1934	MARCH	31	OCT	29	212
296	1935	APRIL	16	OCT	04	171

TABLE 3 CONT

0296 DATE STAT ION	ARMOUR OF YEAR	SOUTH OCCURRENCE LAST	DAKOTA OF SPRING	1896 24 1ST	1955 DEGREES FALL	1896 S DAYS	1955 OR BETWEEN	LOWER FOR DATES
296	1936	APRIL	21	OCT	21		083	
296	1937	APRIL	05	OCT	14		192	
296	1938	APRIL	09	OCT	23		197	
296	1939	APRIL	12	OCT	28		199	
296	1940	APRIL	12	NOV	10		212	
296	1941	MARCH	18	OCT	28		224	
296	1942	APRIL	11	SEPT	24		066	
296	1943	APRIL	14	NOV	03		203	
296	1944	APRIL	05	NOV	03		212	
296	1945	APRIL	18	OCT	22		187	
296	1946	MAY	11	OCT	12		154	
296	1947	APRIL	07	NOV	07		214	
296	1948	APRIL	08	OCT	17		192	
296	1949	APRIL	03	OCT	31		211	
296	1950	MAY	01	OCT	04		056	
296	1951	APRIL	22	SEPT	28		159	
296	1952	APRIL	10	OCT	05		178	
296	1953	APRIL	20	OCT	24		187	
296	1954	MAY	03	OCT	31		181	
296	1955	MARCH	28	OCT	24		210	
296	AVER	APRIL	17	OCT	20		186	



## TABLE NO 4

1049 DATE STAT ION	BRITTON OF YEAR	SOUTH OCCURRENCE LAST	DAKOTA OF SPRING	1913 24 1ST	1955 DEGREES FALL	1913 FOR DAYS	1955 LOWER BETWEEN DATES
1049	1913	APRIL	26	OCT	18		175
1049	1914	APRIL	19	OCT	14		178
1049	1915	APRIL	12	OCT	08		179
1049	1916	MAY	03	OCT	17		167
1049	1917	APRIL	15	OCT	08		176
1049	1918	MAY	12	SEPT	20		131
1049	1919	APRIL	25	OCT	10		168
1049	1920	APRIL	27	SEPT	30		156
1049	1921	MAY	15	OCT	11		149
1049	1922	APRIL	19	OCT	12		176
1049	1923	MAY	12	OCT	13		154
1049	1924	MAY	25	NOV	06		165
1049	1925	MAY	17	OCT	06		142
1049	1926	MAY	03	SEPT	25		145
1049	1927	APRIL	21	SEPT	26		158
1049	1928	APRIL	25	SEPT	23		151
1049	1929	MAY	16	SEPT	18		125
1049	1930	APRIL	24	SEPT	27		156
1049	1931	MAY	07	NOV	05		182
1049	1932	APRIL	26	OCT	05		062
1049	1933	APRIL	26	OCT	08		165
1049	1934	APRIL	27	OCT	29		185
1049	1935	APRIL	16	SEPT	27		164
1049	1936	APRIL	22	OCT	01		162
1049	1937	APRIL	08	OCT	07		182
1049	1938	APRIL	21	OCT	23		185
1049	1939	APRIL	21	SEPT	26		058
1049	1940	APRIL	12	SEPT	25		166
1049	1941	APRIL	21	OCT	27		189
1049	1942	APRIL	11	SEPT	24		166
1049	1943	APRIL	19	OCT	29		193
1049	1944	MAY	04	OCT	10		159
1049	1945	MAY	10	OCT	18		161
1049	1946	MAY	12	OCT	12		153
1049	1947	MAY	29	SEPT	22		116
1049	1948	APRIL	12	OCT	18		189
1049	1949	APRIL	18	SEPT	28		163
1049	1950	APRIL	30	OCT	04		057
1049	1951			OCT	23		
1049	1952	APRIL	10	OCT	05		078
1049	1953	APRIL	20	OCT	24		187
1049	1954	MAY	05	OCT	06		154
1049	1955	APRIL	13	OCT	14		154
1049	AVER	APRIL	28	OCT	09		164

## TABLE NO 5

1076 DATE STATION	BROOKINGS OF OCCURRENCE YEAR LAST	SOUTH OF 24 SPRING	DAKOTA DEGREES 1ST FALL	1893 FOR DAYS	1955 LOWER BETWEEN DATES
1076	1893	MAY	10	SEPT 25	138
1076	1894	APRIL	22	SEPT 11	142
1076	1895	MARCH	26	SEPT 30	188
1076	1896	APRIL	04	SEPT 19	068
1076	1897	APRIL	18	OCT 09	074
1076	1898	APRIL	26	OCT 06	163
1076	1899	APRIL	09	SEPT 26	170
1076	1900	APRIL	13	OCT 09	179
1076	1901	APRIL	18	OCT 16	181
1076	1902	APRIL	23	SEPT 12	142
1076	1903	APRIL	30	OCT 23	176
1076	1904	APRIL	19	SEPT 21	155
1076	1905	APRIL	30	OCT 27	180
1076	1906	MAY	07	OCT 10	156
1076	1907	MAY	20	SEPT 28	131
1076	1908	MAY	02	SEPT 29	150
1076	1909	MAY	10	OCT 12	155
1076	1910	MAY	03	OCT 22	172
1076	1911	MAY	03	OCT 27	177
1076	1912	MAY	07	SEPT 26	142
1076	1913	APRIL	27	SEPT 22	148
1076	1914	MAY	11	OCT 27	169
1076	1915	MAY	18	NOV 09	175
1076	1916	MAY	03	SEPT 17	137
1076	1917	APRIL	15	OCT 08	176
1076	1918	APRIL	24	SEPT 20	149
1076	1919	APRIL	25	OCT 10	168
1076	1920	APRIL	13	SEPT 30	170
1076	1921	APRIL	17	OCT 12	178
1076	1922	APRIL	19	OCT 12	176
1076	1923	MAY	09	OCT 20	164
1076	1924	APRIL	10	NOV 02	206
1076	1925	MAY	17	OCT 09	145
1076	1926	MAY	03	SEPT 25	145
1076	1927	APRIL	22	NOV 05	197
1076	1928	APRIL	25	OCT 28	186
1076	1929	MAY	02	SEPT 18	139
1076	1930	APRIL	24	OCT 17	176
1076	1931	MAY	22	NOV 05	167
1076	1932	APRIL	12	OCT 10	181

TABLE 5 CONT

1076 DATE OF STATION	BROOKINGS OF OCCURRENCE YEAR	SOUTH DAKOTA OF 24 DEGREES LAST	1893 SPRING	1955 FALL	1893 DAYS	1955 DAYS
1076	1933	APRIL 27	OCT 12		168	
1076	1934	APRIL 27	SEPT 21		147	
1076	1935	APRIL 16	SEPT 27		164	
1076	1936	APRIL 22	OCT 21		182	
1076	1937	APRIL 06	OCT 13		190	
1076	1938	APRIL 09	OCT 23		197	
1076	1939	APRIL 12	SEPT 26		067	
1076	1940	APRIL 13	OCT 15		185	
1076	1941	APRIL 21	OCT 27		089	
1076	1942	APRIL 11	SEPT 24		166	
1076	1943	MAY 13	OCT 15		155	
1076	1944	MAY 05	OCT 26		174	
1076	1945	MAY 09	SEPT 29		143	
1076	1946	MAY 12	OCT 12		153	
1076	1947	APRIL 07	NOV 07		214	
1076	1948	APRIL 12	OCT 17		188	
1076	1949	APRIL 16	OCT 24		191	
1076	1950	MAY 01	OCT 25		077	
1076	1951	APRIL 22	SEPT 28		159	
1076	1952	APRIL 10	OCT 04		177	
1076	1953	APRIL 20	OCT 04		067	
1076	1954	MAY 08	OCT 17		162	
1076	1955	MAY 08	OCT 14		159	
1076	AVER	APRIL 25	OCT 10		168	

## TABLE NO 6

1294 DATE STATION	CAMP CROOK OF OCCURRENCE YEAR LAST	SOUTH OF 24 SPRING	DAKOTA DEGREES 1ST FALL	1896 S F OR DAYS BETWEEN	1955 LOWER DATES
1294	1896	APRIL 19	SEPT 09		143
1294	1897	MAY 13	OCT 08		148
1294	1898	APRIL 19	SEPT 09		143
1294	1899	MAY 03	SEPT 27		147
1294	1900	APRIL 15	SEPT 26		164
1294	1901	MAY 11	SEPT 16		028
1294	1902	JUNE 20	SEPT 11		83
1294	1903	MAY 01	OCT 15		167
1294	1904	APRIL 19	SEPT 14		148
1294	1905	MAY 05	OCT 11		159
1294	1906		OCT 09		
1294	1907	MAY 14	OCT 18		157
1294	1908	MAY 05	OCT 23		071
1294	1909	MAY 09	OCT 09		153
1294	1910				
1294	1911	APRIL 20	OCT 12		175
1294	1912	APRIL 07	SEPT 25		071
1294	1913	APRIL 24	OCT 14		173
1294	1914	APRIL 29	OCT 13		167
1294	1915	MAY 08	OCT 07		152
1294	1916	MAY 09	SEPT 20		134
1294	1917	APRIL 30	OCT 21		174
1294	1918	APRIL 30			
1294	1919		OCT 09		
1294	1920	APRIL 27	SEPT 29		155
1294	1921	MAY 15	OCT 02		140
1294	1922	APRIL 19	OCT 09		173
1294	1923	MAY 16	OCT 20		157
1294	1924	APRIL 20	OCT 06		169
1294	1925	MAY 10	OCT 06		049
1294	1926	APRIL 14	SEPT 24		163
1294	1927	MAY 10	SEPT 20		033
1294	1928	APRIL 24	SEPT 25		154
1294	1929	MAY 07	OCT 24		070
1294	1930	APRIL 17	OCT 13		179
1294	1931	MAY 21	OCT 17		149
1294	1932	APRIL 26	OCT 10		167
1294	1933	APRIL 14	OCT 10		179
1294	1934	MAY 13	NOV 21		192
1294	1935	APRIL 09	OCT 15		189

TABLE 6 CONT

1294 DATE OF STAT ION	CAMP CROOK OCCURRENCE YEAR LAST	SOUTH DAKOTA OF 24 DEGREES SPRING	1896 S F DAYS	1955 OR LOWER BETWEEN DATES
		1ST FALL		
1294	1936	APRIL 07	SEPT 30	176
1294	1937	APRIL 27	NOV 03	190
1294	1938	MAY 08	OCT 19	164
1294	1939	APRIL 21	OCT 23	085
1294	1940	APRIL 12	OCT 17	188
1294	1941	APRIL 23	SEPT 28	158
1294	1942	APRIL 08	SEPT 26	171
1294	1943	MAY 21	OCT 15	047
1294	1944	MAY 05	OCT 07	155
1294	1945	MAY 10	SEPT 28	141
1294	1946	MAY 07	OCT 08	054
1294	1947	MAY 29		
1294	1948	APRIL 13	OCT 09	079
1294	1949	APRIL 18	SEPT 28	163
1294	1950	MAY 07	OCT 02	148
1294	1951	MAY 06	SEPT 27	144
1294	1952	APRIL 12	OCT 05	176
1294	1953	APRIL 20	SEPT 21	154
1294	1954	MAY 03	SEPT 21	141
1294	1955		SEPT 11	
1294	AVER	APRIL 30	OCT 05	159

TABLE NO 7						
1579	CENTERVILLE SOUTH DAKOTA	1908	1955			
DATE OF OCCURRENCE	OF 24 DEGREES	1908	1955			
STAT	ION	YEAR	LAST	SPRING	1ST FALL	DAYS FOR LOWER
						DATES BETWEEN
1579	1908	MAY	02	OCT	08	159
1579	1909	MAY	10	OCT	13	156
1579	1910	APRIL	23	OCT	28	188
1579	1911	APRIL	14	OCT	27	197
1579	1912	APRIL	07	OCT	19	195
1579	1913	APRIL	12	SEPT	22	163
1579	1914	APRIL	12	OCT	27	198
1579	1915	APRIL	12	NOV	12	214
1579	1916	APRIL	09	OCT	10	184
1579	1917	APRIL	15	OCT	08	176
1579	1918	APRIL	24	SEPT	20	149
1579	1919	APRIL	24	OCT	10	169
1579	1920	APRIL	13	OCT	28	198
1579	1921	APRIL	17	NOV	01	198
1579	1922	APRIL	19	OCT	12	176
1579	1923	MAY	09	OCT	21	165
1579	1924	APRIL	02	NOV	04	216
1579	1925	MAY	06	OCT	10	057
1579	1926	APRIL	28	OCT	24	179
1579	1927	APRIL	22	NOV	02	194
1579	1928	APRIL	27	SEPT	27	153
1579	1929	APRIL	13	NOV	01	202
1579	1930	APRIL	01	OCT	18	200
1579	1931	APRIL	27	NOV	04	191
1579	1932	APRIL	12	OCT	27	198
1579	1933	APRIL	15	OCT	12	180
1579	1934	APRIL	25	OCT	28	186
1579	1935	APRIL	16	OCT	04	171
1579	1936	APRIL	22	OCT	21	182
1579	1937	APRIL	05	OCT	14	192
1579	1938	APRIL	09	OCT	23	197
1579	1939	APRIL	12	OCT	14	185
1579	1940	APRIL	13	NOV	07	208
1579	1941	APRIL	11	SEPT	28	170
1579	1941	MARCH	18	OCT	27	223
1579	1943	APRIL	20	OCT	19	178
1579	1944	APRIL	16	NOV	03	201
1579	1945	APRIL	05	SEPT	29	177
1579	1946	MAY	12	OCT	12	153
1579	1947	APRIL	20	NOV	08	202
1579	1948			OCT	17	
1579	1949	APRIL	18	OCT	31	196
1579	1950					
1579	1951	MARCH	31	OCT	27	210
1579	1952			OCT	05	
1579	1953	APRIL	19	NOV	04	199
1579	1954	APRIL	08	OCT	31	206
1579	1955	MARCH	28	OCT	24	210
1579	AVER	APRIL	16	OCT	20	187



TABLE NO 8

1739 DATE STAT ION	CLARK OF YEAR	SOUTH OCCURRENCE LAST	DAKOTA OF SPRING	1896 24 1ST	1955 DEGREES FALL	1955 FOR DAYS	LOWER OR BETWEEN
1739	1896	APRIL	04	SEPT	19		068
1739	1897						
1739	1898						
1739	1899						
1739	1900	APRIL	11	OCT	16		188
1739	1901	APRIL	20	OCT	16		179
1739	1902	APRIL	27	NOV	06		193
1739	1903	MARCH	31	SEPT	16		169
1739	1904	APRIL	27	OCT	06		162
1739	1905	APRIL	30	OCT	11		164
1739	1906	APRIL	06	OCT	09		186
1739	1907	MAY	10	SEPT	28		141
1739	1908	MAY	02	SEPT	29		150
1739	1909	MAY	03	OCT	12		162
1739	1910	MAY	03	OCT	20		170
1739	1911	MAY	03	OCT	23		173
1739	1912	APRIL	17	SEPT	26		162
1739	1913	APRIL	27	SEPT	22		148
1739	1914	APRIL	19	OCT	26		190
1739	1915	APRIL	12	OCT	08		179
1739	1916	MAY	01	OCT	17		069
1739	1917	APRIL	15	OCT	08		176
1739	1918	APRIL	24	SEPT	20		149
1739	1919	APRIL	25	OCT	10		168
1739	1920			SEPT	30		
1739	1921	MAY	14	NOV	05		175
1739	1922	APRIL	19	OCT	12		176
1739	1923	MAY	12	OCT	13		154
1739	1924	APRIL	17	NOV	02		199
1739	1925	MAY	17	OCT	09		145
1739	1926	MAY	03	SEPT	25		145
1739	1927			OCT	09		
1739	1928	APRIL	27	SEPT	25		151
1739	1929	MAY	16	SEPT	18		125
1739	1930	MAY	17	SEPT	28		134
1739	1931	MAY	22	NOV	10		172
1739	1932	APRIL	26	OCT	10		167
1739	1933	APRIL	27	OCT	12		168
1739	1934	APRIL	27	SEPT	21		147
1739	1935	APRIL	16	SEPT	27		164

## TABLE 8 CONT

1739 DATE OF STATION	CLARK OCCURENCE YEAR LAST	SOUTH OF SPRING	24 1ST	DAKOTA DEGREES FALL	1896 F DAYS	1955 OR BETWEEN DATES
1739	1936	APRIL	22	OCT	14	175
1739	1937	APRIL	06	OCT	12	189
1739	1938	APRIL	21	OCT	23	185
1739	1939	APRIL	13	SEPT	29	069
1739	1940	APRIL	24	OCT	15	074
1739	1941	APRIL	21	OCT	27	089
1739	1942	APRIL	11	SEPT	24	166
1739	1943	MAY	13	OCT	15	155
1739	1944	MAY	05	OCT	19	167
1739	1945	MAY	08	OCT	08	153
1739	1946	MAY	12	OCT	12	153
1739	1947	APRIL	16	NOV	07	205
1739	1948	APRIL	12	OCT	16	187
1739	1949			OCT	24	
1739	1950	APRIL	30	NOV	03	087
1739	1951	APRIL	23	SEPT	28	159
1739	1952	APRIL	10	OCT	04	177
1739	1953	APRIL	20	OCT	26	189
1739	1954	MAY	03	OCT	30	180
1739	1955	MARCH	28	OCT	18	204
1739	AVER	APRIL	25	OCT	11	169

TABLE NO 9

1972 DATE OF STAT ION	COTTONWOOD OF OCCURRENCE YEAR LAST	SOUTH OF 24 SPRING	9 24 1ST	DAKOTA DEGREES FALL	1909 S F DAYS	1955 OR LOWER BETWEEN DATES
1972	1909			OCT	12	
1972	1910	APRIL	24	OCT	20	179
1972	1911	MAY	02	OCT	21	172
1972	1912	APRIL	17	SEPT	25	161
1972	1913	APRIL	12	OCT	17	188
1972	1914	APRIL	11	OCT	29	201
1972	1915	MARCH	31	OCT	08	191
1972	1916	MAY	11	SEPT	15	127
1972	1917	MAY	08	OCT	08	153
1972	1918	APRIL	30	OCT	24	177
1972	1919	APRIL	13	OCT	09	179
1972	1920	APRIL	27	SEPT	29	155
1972	1921	APRIL	29	OCT	07	161
1972	1922	APRIL	19	OCT	12	176
1972	1923	MAY	08	OCT	20	165
1972	1924	APRIL	18	NOV	02	198
1972	1925	MAY	01	OCT	09	161
1972	1926	APRIL	28	SEPT	25	150
1972	1927	APRIL	22	SEPT	20	051
1972	1928	APRIL	30	SEPT	26	149
1972	1929	APRIL	13	OCT	12	182
1972	1930	APRIL	01	OCT	16	198
1972	1931	MAY	21	OCT	31	163
1972	1932	APRIL	26	OCT	10	167
1972	1933	APRIL	14	OCT	01	170
1972	1934	APRIL	27	SEPT	26	152
1972	1935	APRIL	15	SEPT	27	165
1972	1936	APRIL	16	OCT	21	188
1972	1937	APRIL	27	NOV	02	189
1972	1938	MAY	09	OCT	22	166
1972	1939	APRIL	22	OCT	08	169
1972	1940	MAY	15	OCT	07	145
1972	1941	MARCH	28	OCT	10	196
1972	1942	APRIL	07	SEPT	24	070
1972	1943	MAY	13	OCT	16	156
1972	1944	MAY	05	OCT	19	167
1972	1945	MAY	03	SEPT	29	149
1972	1946	MAY	11	OCT	08	150
1972	1947	MAY	29	OCT	28	152
1972	1948	APRIL	13	OCT	09	079
1972	1949	APRIL	18	SEPT	28	163
1972	1950	MAY	01	NOV	03	086
1972	1951	APRIL	23	SEPT	28	058
1972	1952	APRIL	14	OCT	05	074
1972	1953	MAY	13	OCT	26	166
1972	1954	MAY	08	SEPT	21	136
1972	1955	APRIL	07	OCT	24	200
1972	AVER	APRIL	25	OCT	11	168

TABLE NO 10

2087 DATE STAT ION	CUSTER OF YEAR	SOUTH OCCURRENCE LAST	DAKOTA OF SPRING	1942 24 1ST	1955 DEGREES FALL	FOR LOWER DAYS	BETWEEN DATES
2087	1942			OCT	23		
2087	1943	MAY	13	SEPT	09	119	
2087	1944	JUNE	06	OCT	07	123	
2087	1945	MAY	22	SEPT	27	128	
2087	1946	MAY	11	OCT	06	148	
2087	1947	MAY	29	SEPT	15	109	
2087	1948	MAY	06	OCT	09	156	
2087	1949	APRIL	18	SEPT	28	163	
2087	1950	MAY	26	SEPT	28	025	
2087	1951	JUNE	04	SEPT	27	115	
2087	1952	MAY	11	SEPT	28	140	
2087	1953	MAY	15	SEPT	21	129	
2087	1954	MAY	29	SEPT	21	115	
2087	1955	MAY	10	OCT	07	150	
2087	AVER	MAY	18	SEPT	29	132	

TABLE NO 11

2429 DATE OF STATION	DUPREE OF OCCURRENCE YEAR LAST	SOUTH DAKOTA OF 24 DEGREES SPRING	1ST FALL	1922 S F DAYS	1955 OR LOWER DATES BETWEEN
2429	1922	APRIL 20	OCT 12		175
2429	1923	MAY 08	OCT 13		158
2429	1924	MAY 24	NOV 02		162
2429	1925	MAY 01	OCT 08		160
2429	1926	APRIL 14	SEPT 25		164
2429	1927	APRIL 22	SEPT 20		151
2429	1928	APRIL 24	SEPT 25		154
2429	1929	APRIL 11	NOV 02		205
2429	1930	APRIL 01	OCT 16		198
2429	1931	MAY 21	OCT 30		062
2429	1932	APRIL 26	OCT 10		167
2429	1933	APRIL 14	OCT 12		181
2429	1934	APRIL 24	SEPT 26		155
2429	1935	APRIL 15	OCT 04		172
2429	1936	APRIL 29	OCT 01		155
2429	1937	APRIL 07	OCT 14		190
2429	1938	MAY 07	OCT 22		168
2429	1939	APRIL 18	SEPT 29		164
2429	1940	APRIL 23	OCT 17		177
2429	1941	APRIL 04	OCT 28		207
2429	1942	APRIL 11	SEPT 24		166
2429	1943	MAY 12	OCT 21		162
2429	1944	MAY 05	OCT 10		158
2429	1945	MAY 10	SEPT 28		141
2429	1946	MAY 12	OCT 07		148
2429	1947	MAY 29	NOV 05		160
2429	1948	APRIL 08	OCT 11		186
2429	1949	APRIL 18	SEPT 28		163
2429	1950	MAY 01	NOV 03		186
2429	1951	APRIL 22	SEPT 28		159
2429	1952	APRIL 12	OCT 05		176
2429	1953	APRIL 19	OCT 06		170
2429	1954	MAY 08	OCT 06		151
2429	1955	APRIL 13	SEPT 11		151
2429	AVER	APRIL 25	OCT 10		168

TABLE NO 12

2797 DATE STAT ION	OF YEAR	EUREKA OCCURRENCE LAST	SOUTH OF SPRING	24 1ST	DAKOTA DEGREES FALL	1908 FOR DAYS	1955 LOWER BETWEEN DATES
2797	1908				OCT 11		
2797	1909	MAY	09		OCT 12		156
2797	1910	MAY	02		OCT 20		171
2797	1911	MAY	01		OCT 23		075
2797	1912	MAY	15		SEPT 25		133
2797	1913	MAY	06		SEPT 21		138
2797	1914	APRIL	19		OCT 11		175
2797	1915	MAY	18		OCT 07		142
2797	1916	MAY	03		SEPT 15		035
2797	1917	MAY	04		OCT 05		154
2797	1918	MAY	12		SEPT 20		131
2797	1919	APRIL	29		OCT 10		064
2797	1920	APRIL	27		SEPT 30		156
2797	1921	APRIL	17		OCT 11		177
2797	1922	APRIL	19		OCT 08		172
2797	1923	MAY	12		OCT 13		154
2797	1924	MAY	25		NOV 02		161
2797	1925	MAY	17		OCT 06		142
2797	1926	MAY	03		SEPT 25		145
2797	1927	APRIL	22		SEPT 27		058
2797	1928	APRIL	27		SEPT 25		151
2797	1929	MAY	20		SEPT 18		121
2797	1930	MAY	17		SEPT 27		133
2797	1931	MAY	20		NOV 04		168
2797	1932	APRIL	27		OCT 05		161
2797	1933	APRIL	26		OCT 07		164
2797	1934	APRIL	27		SEPT 15		141
2797	1935	APRIL	18		SEPT 27		162
2797	1936	APRIL	29		OCT 01		155
2797	1937	APRIL	21		OCT 12		174
2797	1938	MAY	07		OCT 23		169
2797	1939	APRIL	21		SEPT 26		058
2797	1940	APRIL	12		OCT 17		088
2797	1941	APRIL	21		OCT 27		189
2797	1942	APRIL	11		SEPT 26		168
2797	1943	MAY	14		OCT 21		160
2797	1944	MAY	05		OCT 10		158
2797	1945	MAY	08		OCT 08		153
2797	1946	MAY	12		OCT 07		148
2797	1947	MAY	29		SEPT 22		116
2797	1948	APRIL	12		OCT 17		188
2797	1949	APRIL	18		SEPT 28		163
2797	1950	APRIL	30		OCT 04		057
2797	1951	APRIL	23		SEPT 27		157
2797	1952	MAY	11		OCT 04		046
2797	1953	MAY	13		OCT 06		146
2797	1954	MAY	07		OCT 06		152
2797	1955	APRIL	13		OCT 14		184
2797	AVER	MAY	02		OCT 06		157



TABLE NO 13

2820 DATE STAT ION	FAIRFAX OF YEAR	OCCURRENCE LAST	SOUTH OF SPRING	24 1ST	DAKOTA DEGREES FALL	1903 FOR DAYS	1955 LOWER BETWEEN DATES
2820	1903	APRIL	30	NOV	05		189
2820	1904	APRIL	16	OCT	27		194
2820	1905	APRIL	16	OCT	28		195
2820	1906	MAY	06	OCT	10		157
2820	1908	MAY	02	OCT	23		174
2820	1909	MAY	02				
2820	1910	APRIL	19	OCT	21		185
2820	1911	MAY	02	OCT	27		178
2820	1912	MARCH	31	OCT	22		205
2820	1913	APRIL	04	OCT	18		197
2820	1914	APRIL	11	OCT	27		199
2820	1915	APRIL	04	NOV	12		222
2820	1916	MAY	01	OCT	19		171
2820	1917	APRIL	12	OCT	08		179
2820	1918	APRIL	24	SEPT	20		149
2820	1919	APRIL	25	OCT	10		168
2820	1920	APRIL	13	OCT	24		194
2820	1921	APRIL	16	NOV	08		206
2820	1922	APRIL	19	NOV	13		208
2820	1923	APRIL	08	OCT	28		203
2820	1924	APRIL	01	NOV	06		219
2820	1925	MARCH	28	OCT	17		203
2820	1926	APRIL	28	SEPT	25		150
2820	1927	APRIL	23	NOV	06		197
2820	1928	APRIL	27	SEPT	27		153
2820	1929	APRIL	12	NOV	01		203
2820	1930	APRIL	01	OCT	17		199
2820	1931	MAY	21	NOV	05		168
2820	1932	APRIL	27	OCT	29		185
2820	1933	APRIL	14	OCT	22		191
2820	1934	MARCH	31	OCT	29		212
2820	1935	APRIL	15	OCT	04		172
2820	1936	APRIL	21	OCT	21		083
2820	1937	APRIL	06	OCT	14		191
2820	1938	APRIL	08	OCT	22		197
2820	1939	APRIL	11	OCT	17		189
2820	1940	APRIL	12	NOV	10		212
2820	1941	MARCH	18	OCT	27		223
2820	1942	APRIL	11	OCT	25		097
2820	1943	APRIL	14	NOV	02		202
2820	1944	APRIL	05	NOV	04		213

TABLE 13 CONT

2820 DATE STATION	FAIRFAX OF OCCURRENCE YEAR LAST	SOUTH OF SPRING	24 1ST	DAKOTA DEGREES FALL	1903 F DAYS	1955 OR LOWER BETWEEN DATES
2820	1945	APRIL	18	SEPT	29	164
2820	1946	MAY	11	OCT	12	054
2820	1947	APRIL	19	NOV	07	202
2820	1948	APRIL	08	OCT	17	192
2820	1949	APRIL	18	OCT	31	196
2820	1950	APRIL	06	NOV	04	212
2820	1951	APRIL	16	SEPT	28	165
2820	1952	APRIL	10	OCT	05	178
2820	1953	APRIL	20	OCT	26	189
2820	1954	MAY	04	NOV	01	181
2820	1955	MARCH	28	OCT	10	196
2820	AVER	APRIL	16	OCT	22	189

TABLE NO 14

2852 DATE STAT ION	FAITH OF YEAR	SOUTH OCCURRENCE LAST	DAKOTA OF SPRING	1926 24 1ST	1955 DEGREES FALL	1926 S DAYS	1955 F OR LOWER BETWEEN DATES
2852	1926			SEPT	25		
2852	1927	APRIL	22	SEPT	20		151
2852	1928	APRIL	21	NOV	17		110
2852	1929	APRIL	12	NOV	04		206
2852	1930	MARCH	31	OCT	16		199
2852	1931			OCT	30		
2852	1932	APRIL	26	OCT	10		167
2852	1933	APRIL	14	OCT	22		191
2852	1934	APRIL	16	SEPT	26		163
2852	1935	APRIL	15	OCT	22		190
2852	1936	APRIL	07	OCT	21		197
2852	1937	APRIL	09	OCT	14		188
2852	1938	APRIL	08	OCT	23		198
2852	1939	APRIL	11	SEPT	26		168
2852	1940	APRIL	23	NOV	10		201
2852	1941	MARCH	27	SEPT	28		085
2852	1942	APRIL	11	SEPT	26		068
2852	1943	MAY	12	NOV	02		174
2852	1944	MAY	05	NOV	03		182
2852	1945	MAY	08	OCT	08		153
2852	1946	MARCH	11	OCT	07		210
2852	1947	APRIL	19	NOV	07		202
2852	1948	APRIL	13	OCT	17		187
2852	1949	APRIL	02				
2852	1950			NOV	03		
2852	1951	APRIL	22	SEPT	28		159
2852	1952	APRIL	10	OCT	05		178
2852	1953	APRIL	20	OCT	26		189
2852	1954	MAY	03	OCT	26		176
2852	1955	APRIL	29	SEPT	11		135
2852	AVER	APRIL	16	OCT	16		182

TABLE NO 15

2927 FAULKTON SOUTH DAKOTA 1896 1955  
 DATE OF OCCURRENCE OF 24 DEGREES F OR LOWER  
 STAT ION YEAR LAST SPRING 1ST FALL DAYS BETWEEN DATES

2927	1896	APRIL	04			
2927	1897	APRIL	19			
2927	1898					
2927	1899					
2927	1900	APRIL	18			
2927	1901	MAY	12			
2927	1902	APRIL	23	OCT	13	173
2927	1903	APRIL	30	OCT	17	170
2927	1904	APRIL	19	SEPT	21	155
2927	1905	APRIL	21	OCT	11	173
2927	1906	APRIL	04	OCT	09	188
2927	1907	MAY	20	SEPT	30	133
2927	1908	MAY	02	OCT	11	162
2927	1909	MAY	03	OCT	12	162
2927	1910	MAY	04	OCT	20	169
2927	1911	MAY	01	OCT	21	173
2927	1912	APRIL	07	SEPT	27	173
2927	1913	APRIL	27	SEPT	22	148
2927	1914	APRIL	11	OCT	14	186
2927	1915	APRIL	12	OCT	08	179
2927	1916	MAY	01	OCT	05	157
2927	1917	MAY	02	OCT	08	159
2927	1918	APRIL	23	SEPT	20	150
2927	1919	APRIL	24	OCT	10	169
2927	1920	APRIL	27	SEPT	30	156
2927	1921	APRIL	17	OCT	11	177
2927	1922	APRIL	19	OCT	12	176
2927	1923	MAY	08	OCT	20	165
2927	1924	MAY	24	NOV	02	162
2927	1925	MARCH	28	OCT	09	195
2927	1926	APRIL	28	SEPT	25	150
2927	1927	APRIL	22	OCT	09	170
2927	1928	APRIL	27	SEPT	25	151
2927	1929	APRIL	12	SEPT	18	159
2927	1930	APRIL	24	OCT	16	175
2927	1931	MAY	07	NOV	05	182
2927	1932	APRIL	26	OCT	10	167
2927	1933	APRIL	14	OCT	08	177
2927	1934	APRIL	27	OCT	30	186
2927	1935	APRIL	15	SEPT	27	165

TABLE 15 CONT

2927 DATE STATION	FAULKTON OF OCCURRENCE YEAR LAST	SOUTH DAKOTA OF 24 DEGREES SPRING	1896 S F DAYS	1955 OR LOWER BETWEEN DATES
		1ST	FALL	
2927	1936	APRIL 22	OCT 01	162
2927	1937	APRIL 05	OCT 12	190
2927	1938	APRIL 08	OCT 23	098
2927	1939	APRIL 13	OCT 17	087
2927	1940	APRIL 12	NOV 07	209
2927	1941	APRIL 03	OCT 27	207
2927	1942	APRIL 11	SEPT 24	166
2927	1943	MAY 12	OCT 16	157
2927	1944	APRIL 18	OCT 19	184
2927	1945	MAY 08	OCT 08	153
2927	1946	MAY 12	OCT 12	153
2927	1947	APRIL 19	SEPT 22	156
2927	1948	APRIL 09	OCT 17	191
2927	1949	APRIL 24	SEPT 28	157
2927	1950	MAY 01	OCT 04	056
2927	1951	APRIL 23	SEPT 24	154
2927	1952	APRIL 15	OCT 04	172
2927	1953	APRIL 20	OCT 06	169
2927	1954	MAY 09	SEPT 22	136
2927	1955	MAY 08	OCT 17	162
2927	AVER	APRIL 23	OCT 09	169

TABLE NO 16

3029 DATE STATION	FORESTBURG OF OCCURRENCE YEAR	SOUTH OF LAST	DAKOTA OF SPRING	1896 24 DEGREES 1ST	1955 FOR LOWER FALL	DAYS BETWEEN DATES
3029	1896	APRIL	04	SEPT	19	068
3029	1897	APRIL	19	OCT	09	173
3029	1898	APRIL	19	SEPT	30	164
3029	1899	APRIL	22	SEPT	17	148
3029	1900	APRIL	18	SEPT	27	162
3029	1901	APRIL	18	NOV	03	199
3029	1902	APRIL	23	SEPT	12	142
3029	1903	APRIL	30	OCT	23	176
3029	1904	APRIL	19	OCT	23	187
3029	1905	MAY	08	OCT	11	156
3029	1906	APRIL	15	OCT	09	177
3029	1907	MAY	11	SEPT	28	140
3029	1908	APRIL	08	OCT	11	186
3029	1909	MAY	03	OCT	12	162
3029	1910	APRIL	23	OCT	21	181
3029	1911	MAY	02	OCT	21	172
3029	1912	APRIL	07	SEPT	27	173
3029	1913	APRIL	06	SEPT	22	169
3029	1914	MAY	21	OCT	13	045
3029	1915	APRIL	02	OCT	08	189
3029	1916	MAY	01	SEPT	29	151
3029	1917	APRIL	27	OCT	08	164
3029	1918	APRIL	30	SEPT	20	043
3029	1919	APRIL	24	OCT	10	169
3029	1920	APRIL	27	SEPT	30	156
3029	1921	MAY	14	OCT	12	151
3029	1922	APRIL	19	OCT	12	176
3029	1923	MAY	09	OCT	13	157
3029	1924	MAY	14	NOV	02	172
3029	1925	MAY	10	OCT	09	152
3029	1926	APRIL	28	SEPT	25	150
3029	1927	APRIL	22	OCT	09	170
3029	1928	APRIL	27	SEPT	25	151
3029	1929	MAY	16	OCT	23	160
3029	1930	MAY	17	OCT	17	153
3029	1931	MAY	22	NOV	04	166
3029	1932	APRIL	12	OCT	19	190
3029	1933	APRIL	15	OCT	08	176
3029	1934	APRIL	27	OCT	29	185
3029	1935	APRIL	15	SEPT	27	165

TABLE 16 CONT

3029	FORESTBURG SOUTH DAKOTA	1896	1955		
DATE OF OCCURRENCE	OF 24 DEGREES	FOR LOWER	DAYS BETWEEN		
STATION	YEAR	LAST	SPRING 1ST FALL	DATES	
3029	1936	APRIL	22	OCT 13	174
3029	1937	APRIL	05	OCT 13	191
3029	1938	APRIL	09	OCT 23	197
3029	1939	APRIL	21	SEPT 29	061
3029	1940	APRIL	18	NOV 07	203
3029	1941	APRIL	21	OCT 27	089
3029	1942	APRIL	11	SEPT 24	066
3029	1943	MAY	13	OCT 15	155
3029	1944	APRIL	17	OCT 10	176
3029	1945	MAY	08	SEPT 29	144
3029	1946	MAY	12	OCT 12	153
3029	1947	MAY	29	OCT 28	152
3029	1948	APRIL	12	OCT 17	188
3029	1949	APRIL	18	OCT 24	189
3029	1950	MAY	01	OCT 04	156
3029	1951	APRIL	22	SEPT 28	159
3029	1952	APRIL	10	OCT 05	178
3029	1953	APRIL	19	OCT 26	190
3029	1954	MAY	05	OCT 16	164
3029	1955	APRIL	07	OCT 17	193
3029	AVER	APRIL	25	OCT 10	168

TABLE NO 17

3217 DATE OF STAT ION	GANN VALLEYSOUTH OCCURRENCE OF	24 SPRING	1ST FALL	1918 DAYS	1955 FOR LOWER BETWEEN DATES
3217	1918	APRIL 23	SEPT 20		150
3217	1919	APRIL 24	OCT 10		169
3217	1920	APRIL 26	OCT 24		181
3217	1921	APRIL 17	OCT 11		177
3217	1922	APRIL 19	OCT 12		176
3217	1923	MAY 09	OCT 19		163
3217	1924	MAY 24	NOV 02		162
3217	1925	MAY 06	OCT 09		156
3217	1926	APRIL 28	SEPT 25		150
3217	1927	APRIL 22	NOV 02		194
3217	1928	APRIL 24	NOV 01		191
3217	1929	APRIL 12	OCT 23		194
3217	1930	APRIL 01	OCT 17		199
3217	1931	MAY 21	NOV 17		080
3217	1932	APRIL 12	OCT 25		196
3217	1933	APRIL 14	OCT 12		181
3217	1934	MARCH 31	OCT 30		213
3217	1935	APRIL 15	OCT 04		172
3217	1936	APRIL 21	OCT 21		083
3217	1937	APRIL 05	OCT 12		190
3217	1938	APRIL 07	OCT 23		199
3217	1939	APRIL 12	OCT 17		188
3217	1940	APRIL 12	NOV 10		212
3217	1941	APRIL 21	OCT 28		090
3217	1942	APRIL 06	SEPT 24		171
3217	1943	MAY 13	NOV 02		173
3217	1944	MAY 05	OCT 26		174
3217	1945	MAY 08	SEPT 29		144
3217	1946	MAY 11	OCT 12		154
3217	1947	MAY 29	NOV 07		162
3217	1948	APRIL 10	OCT 17		190
3217	1949		OCT 21		
3217	1950	MAY 01	OCT 04		156
3217	1951	APRIL 22	SEPT 28		159
3217	1952	APRIL 10	OCT 05		078
3217	1953	APRIL 20	OCT 24		187
3217	1954	MAY 04	OCT 06		155
3217	1955	APRIL 07	SEPT 11		157
3217	AVER	APRIL 23	OCT 17		176



TABLE NO 18

3452 DATE OF STATION	GREGORY OF OCCURRENCE YEAR LAST	SOUTH OF 24 DEGREES SPRING	DAKOTA 1ST FALL	1930 FOR DAYS	1955 LOWER BETWEEN DATES	
3452	1930		OCT	16		
3452	1931	MAY	21	NOV	04	167
3452	1932	APRIL	27	OCT	19	175
3452	1933	APRIL	14	OCT	09	178
3452	1934	APRIL	16	OCT	29	196
3452	1935	APRIL	15	OCT	04	172
3452	1936	APRIL	21	OCT	21	083
3452	1937	APRIL	05	OCT	14	192
3452	1938	APRIL	09	OCT	23	197
3452	1939	APRIL	12	OCT	17	088
3452	1940	APRIL	12	NOV	07	209
3452	1941	APRIL	03	OCT	28	208
3452	1942	APRIL	13	OCT	24	194
3452	1943	MAY	12	OCT	25	166
3452	1944	MAY	05	NOV	03	182
3452	1945	APRIL	18	SEPT	29	164
3452	1946	MAY	11	OCT	12	154
3452	1947	APRIL	19	NOV	07	202
3452	1948	APRIL	08	OCT	17	192
3452	1949	APRIL	18	OCT	31	196
3452	1950	MAY	01	OCT	04	056
3452	1951	APRIL	22	SEPT	28	159
3452	1952	APRIL	10	OCT	05	178
3452	1953	APRIL	20	OCT	26	189
3452	1954	MAY	03	OCT	27	177
3452	1955	MARCH	28			
3452	AVER	APRIL	21	OCT	20	182

TABLE NO 19

3832 DATE STAT ION	HIGHMORE OF YEAR	SOUTH OCCURRENCE LAST	DAKOTA OF SPRING	1896 24 1ST	1955 DEGREES FALL	1896 FOR DAYS	1955 LOWER BETWEEN DATES
3832	1896	APRIL	17				
3832	1897	APRIL	28	OCT	09		164
3832	1898	APRIL	05				
3832	1899			NOV	01		
3832	1900	MAY	03				
3832	1901	APRIL	18				
3832	1902						
3832	1903						
3832	1904	APRIL	19	OCT	25		189
3832	1905	APRIL	21	OCT	11		173
3832	1906	APRIL	04	OCT	09		188
3832	1907	MAY	15	OCT	12		150
3832	1908	MAY	02	SEPT	27		148
3832	1909	MAY	09	OCT	12		156
3832	1910	MAY	02	OCT	20		170
3832	1911	MAY	01	OCT	21		173
3832	1912	APRIL	18	OCT	19		184
3832	1913	APRIL	26	OCT	17		174
3832	1914	APRIL	19	OCT	14		178
3832	1915	APRIL	12	OCT	08		179
3832	1916	MAY	01	OCT	05		157
3832	1917	APRIL	15	SEPT	26		164
3832	1918	APRIL	23	SEPT	19		149
3832	1919	APRIL	24	OCT	10		169
3832	1920	APRIL	27	OCT	27		183
3832	1921	APRIL	17	OCT	11		177
3832	1922	APRIL	19	OCT	12		176
3832	1923	MAY	09	OCT	19		161
3832	1924	MAY	25	NOV	02		161
3832	1925	MAY	06	OCT	01		148
3832	1926	APRIL	28	SEPT	25		150
3832	1927	APRIL	22	SEPT	27		158
3832	1928	APRIL	27	SEPT	25		151
3832	1929	MAY	16	OCT	23		160
3832	1930	APRIL	01	OCT	16		198
3832	1931	MAY	21	NOV	04		067
3832	1932	APRIL	26	OCT	25		182
3832	1933	APRIL	14	OCT	12		181
3832	1934	APRIL	24	OCT	29		188
3832	1935	APRIL	27	SEPT	27		153

TABLE 19 CONT

3832 DATE STATION	HIGHMORE OF OCCURRENCE YEAR	SOUTH DAKOTA OF 24 DEGREES LAST	1896 1ST	1955 FALL	1896 DAYS	1955 OR LOWER BETWEEN DATES
3832	1936	APRIL 29	OCT 13			167
3832	1937	APRIL 05	OCT 07			185
3832	1938	APRIL 09	OCT 22			196
3832	1939	APRIL 12	SEPT 29			070
3832	1940	APRIL 12	SEPT 25			166
3832	1941	APRIL 21	OCT 27			089
3832	1942	APRIL 11	SEPT 24			066
3832	1943	MAY 13	NOV 02			173
3832	1944	MAY 05	OCT 10			158
3832	1945	MAY 10	OCT 08			151
3832	1946	MAY 12	OCT 12			153
3832	1947	MAY 29	SEPT 22			116
3832	1948	APRIL 12	OCT 09			180
3832	1949	APRIL 18	OCT 21			186
3832	1950	MAY 01	OCT 04			156
3832	1951	APRIL 22	SEPT 28			159
3832	1952	MAY 11	OCT 04			046
3832	1953	APRIL 20	OCT 06			169
3832	1954	MAY 04	OCT 27			176
3832	1955	APRIL 07	SEPT 11			157
3832	AVER	APRIL 26	OCT 11			168

TABLE NO 20

4007 DATE STATION	OF YEAR	HOT OCCURRENCE LAST	SPRING OF SPRING	SOUTH OF 1ST	DAKOTA DEGREES FALL	1897 F DAYS	1955 OR BETWEEN	LOWER DATES
4007	1897	APRIL	05	NOV	05		214	
4007	1898	APRIL	06	OCT	05		182	
4007	1899	MAY	03	OCT	01		151	
4007	1900	MARCH	20	NOV	04		229	
4007	1901							
4007	1902							
4007	1903							
4007	1904							
4007	1905							
4007	1906							
4007	1907							
4007	1908	MAY	01	OCT	11		063	
4007	1909	MAY	09	OCT	09		153	
4007	1910	APRIL	19	OCT	06		170	
4007	1911	APRIL	19	OCT	20		084	
4007	1912	APRIL	07	SEPT	25		171	
4007	1913	MAY	03	OCT	19		169	
4007	1914	APRIL	11	NOV	08		211	
4007	1915	APRIL	01	OCT	08		190	
4007	1916	MAY	11	OCT	19		161	
4007	1917	APRIL	30	OCT	08		161	
4007	1918	APRIL	16	OCT	24		191	
4007	1919	APRIL	16	OCT	10		177	
4007	1920	APRIL	27	SEPT	29		155	
4007	1921	APRIL	18	OCT	07		072	
4007	1922	APRIL	20	OCT	12		175	
4007	1923	APRIL	25	OCT	20		178	
4007	1924	APRIL	02	NOV	06		218	
4007	1925	APRIL	29	OCT	06		160	
4007	1926	APRIL	25	SEPT	24		152	
4007	1927	APRIL	23	SEPT	20		150	
4007	1928	APRIL	20	OCT	22		185	
4007	1929	APRIL	12	OCT	24		195	
4007	1930	APRIL	01	OCT	15		197	
4007	1931	MAY	21	OCT	31		163	
4007	1932	APRIL	26	OCT	05		162	
4007	1933	APRIL	14	OCT	22		191	
4007	1934	APRIL	20	SEPT	26		159	

TABLE 20 CONT

4007 DATE STATION	HOT SPRINGS OF OCCURRENCE YEAR LAST	SOUTH OF SPRING	24 1ST	DAKOTA DEGREES FALL	1897 DAYS	1955 OR LOWER BETWEEN DATES
4007	1935	APRIL	15	OCT	23	191
4007	1936	APRIL	07	OCT	21	197
4007	1937	APRIL	26	NOV	03	191
4007	1938	APRIL	09	OCT	23	197
4007	1939	APRIL	21	NOV	01	094
4007	1940	APRIL	17	NOV	05	202
4007	1941	MARCH	28	OCT	27	213
4007	1942	APRIL	19	SEPT	26	160
4007	1943	APRIL	14	OCT	15	184
4007	1944	MAY	05	OCT	19	167
4007	1945	MAY	03	SEPT	29	149
4007	1946	MARCH	23	NOV	03	225
4007	1947	APRIL	24	NOV	05	195
4007	1948	APRIL	13	OCT	11	181
4007	1949	APRIL	15	OCT	14	182
4007	1950	MAY	01	OCT	04	156
4007	1951	MAY	06	SEPT	28	145
4007	1952	APRIL	14	OCT	05	074
4007	1953	MAY	12	OCT	23	164
4007	1954	MAY	03	OCT	27	177
4007	1955	APRIL	16	OCT	28	195
4007	AVER	APRIL	20	OCT	16	179



## TABLE 21 CONT

4037 DATE STATION	HOWARD OF OCCURRENCE YEAR LAST	SOUTH OF SPRING	24 1ST	DAKOTA DEGREES FALL	1896 S DAYS	1955 OR LOWER BETWEEN DATES
4037	1936	APRIL	22	OCT	21	182
4037	1937	APRIL	05	OCT	13	191
4037	1938	APRIL	09	OCT	23	197
4037	1939	APRIL	12	SEPT	29	070
4037	1940	APRIL	13	NOV	07	208
4037	1941	MARCH	28	SEPT	28	084
4037	1942	APRIL	11	SEPT	24	066
4037	1943	APRIL	19	NOV	03	198
4037	1944	MAY	05	NOV	03	182
4037	1945	APRIL	18	SEPT	29	164
4037	1946	MAY	12	OCT	12	153
4037	1947	MAY	29	NOV	07	162
4037	1948	APRIL	07	OCT	17	193
4037	1949	APRIL	18	OCT	24	189
4037	1950	MAY	01	OCT	04	056
4037	1951	APRIL	22	SEPT	28	159
4037	1952	APRIL	03	OCT	04	184
4037	1953	APRIL	20	OCT	26	189
4037	1954	MAY	08	OCT	16	161
4037	1955	APRIL	07	SEPT	11	157
4037	AVER	APRIL	24	OCT	12	172

## TABLE NO 22

4127 DATE STATION	HURON OF YEAR	OCCURRENCE LAST	SOUTH OF SPRING	24 1ST	DAKOTA DEGREES FALL	1881 S DAYS	1955 OR LOWER BETWEEN DATES
4127	1881				OCT	13	
4127	1882	APRIL	04		NOV	02	212
4127	1883	APRIL	05		OCT	20	098
4127	1884	APRIL	20		OCT	08	071
4127	1885	APRIL	13		OCT	04	174
4127	1886	APRIL	07		OCT	01	177
4127	1887	APRIL	05		OCT	11	189
4127	1888	MAY	14		OCT	02	141
4127	1889	MAY	02		OCT	20	171
4127	1890	MAY	01		OCT	17	169
4127	1891	APRIL	14		OCT	15	184
4127	1892	APRIL	10		OCT	08	181
4127	1893	APRIL	14		SEPT	25	164
4127	1894	APRIL	11		NOV	05	208
4127	1895	MAY	20		SEPT	29	032
4127	1896	APRIL	03		SEPT	19	069
4127	1897	APRIL	19		OCT	09	173
4127	1898	APRIL	10		OCT	05	178
4127	1899	APRIL	09		SEPT	29	173
4127	1900	APRIL	18		NOV	05	201
4127	1901	APRIL	17		NOV	02	199
4127	1902	APRIL	23		OCT	14	174
4127	1903	APRIL	30		OCT	31	184
4127	1904	APRIL	19		OCT	27	191
4127	1905	APRIL	21		OCT	20	182
4127	1906	APRIL	04		OCT	09	188
4127	1907	MAY	03		OCT	12	162
4127	1908	MAY	02		OCT	11	162
4127	1909	MAY	02		OCT	12	163
4127	1910	APRIL	23		OCT	21	181
4127	1911	MAY	02		OCT	27	178
4127	1912	APRIL	07		OCT	19	195
4127	1913	APRIL	26		OCT	18	175
4127	1914	APRIL	11		OCT	27	199
4127	1915	APRIL	02		NOV	11	223
4127	1916	MAY	01		OCT	17	069
4127	1917	APRIL	15		OCT	08	176
4127	1918	APRIL	24		SEPT	20	149
4127	1919	APRIL	24		OCT	10	169
4127	1920	APRIL	13		OCT	28	198



TABLE 22 CONT

4127 DATE OF STATION	HURON OCCURRENCE YEAR	OF LAST	SOUTH OF SPRING	24 1ST	DAKOTA DEGREES FALL	1881 DAYS	1955 OR BETWEEN DATES
4127	1921	APRIL	16	NOV	08		206
4127	1922	APRIL	19	OCT	12		176
4127	1923	APRIL	08	OCT	20		195
4127	1924	APRIL	10	NOV	02		206
4127	1925	MARCH	22	OCT	09		201
4127	1926	APRIL	14	SEPT	25		164
4127	1927	APRIL	22	NOV	05		197
4127	1928	APRIL	24	OCT	29		188
4127	1929	APRIL	12	NOV	04		206
4127	1930	APRIL	01	OCT	17		199
4127	1931	MAY	06	NOV	10		188
4127	1932	MARCH	30	OCT	31		215
4127	1933	APRIL	14	OCT	12		181
4127	1934	APRIL	24	OCT	31		190
4127	1935	APRIL	15	OCT	04		172
4127	1936	APRIL	22	OCT	21		182
4127	1937	APRIL	05	OCT	13		191
4127	1938	APRIL	09	OCT	23		197
4127	1939	APRIL	12	SEPT	29		070
4127	1940	APRIL	12	NOV	07		209
4127	1941	APRIL	03	OCT	27		207
4127	1942	APRIL	11	OCT	23		095
4127	1943	MAY	07	NOV	03		180
4127	1944	MAY	04	OCT	19		168
4127	1945	APRIL	18	OCT	22		187
4127	1946	MAY	12	OCT	12		153
4127	1947	MAY	29	NOV	07		162
4127	1948	APRIL	12	OCT	17		188
4127	1949	APRIL	18	OCT	26		191
4127	1950	MAY	01	NOV	04		087
4127	1951	APRIL	16	SEPT	28		165
4127	1952	APRIL	10	OCT	04		177
4127	1953	APRIL	20	OCT	26		189
4127	1954	MAY	05	OCT	30		178
4127	1955	APRIL	07	OCT	17		193
4127	AVER	APRIL	18	OCT	18		183

TABLE NO 23

4516 DATE STATION	KENNEBEC OF OCCURRENCE YEAR LAST	SOUTH OF 24 DEGREES SPRING	DAKOTA 1ST FALL	1906 S F DAYS	1955 OR LOWER BETWEEN DATES	
4516	1906		OCT	09		
4516	1907	MAY	03	NOV	01	182
4516	1908			OCT	11	
4516	1909	MAY	03	OCT	12	162
4516	1910	MAY	03	OCT	21	171
4516	1911	APRIL	14	OCT	21	190
4516	1912	APRIL	22	SEPT	25	156
4516	1913	APRIL	05	OCT	17	195
4516	1914	APRIL	12	OCT	14	185
4516	1915	APRIL	02	OCT	08	189
4516	1916	MAY	01	OCT	04	156
4516	1917	MAY	06	OCT	08	155
4516	1918	APRIL	13	SEPT	20	143
4516	1919	APRIL	24	OCT	10	169
4516	1920					
4516	1921			OCT	11	
4516	1922	MAY	19	OCT	09	143
4516	1923	MAY	08	OCT	13	158
4516	1924	MAY	24	NOV	02	162
4516	1925	MAY	17	OCT	01	137
4516	1926	APRIL	28	SEPT	25	150
4516	1927	APRIL	22	OCT	13	174
4516	1928	APRIL	27	SEPT	25	151
4516	1929	APRIL	12	NOV	03	205
4516	1930	APRIL	07	OCT	16	192
4516	1931	MAY	21	OCT	31	063
4516	1932	MARCH	30	OCT	24	208
4516	1933	APRIL	14	OCT	08	177
4516	1934	APRIL	24	OCT	29	188
4516	1935	APRIL	15	SEPT	27	165
4516	1936	APRIL	29	OCT	21	175
4516	1937	APRIL	09	OCT	07	081
4516	1938	APRIL	09	OCT	23	197
4516	1939	APRIL	12	OCT	28	099
4516	1940	APRIL	12	OCT	17	188
4516	1941	MARCH	28	OCT	28	214
4516	1942	APRIL	08	SEPT	24	169
4516	1943			OCT	21	
4516	1944	MAY	05	OCT	10	158
4516	1945	MAY	08	SEPT	29	144
4516	1946	MAY	12	OCT	08	149
4516	1947	MAY	29	OCT	26	150
4516	1948	APRIL	12	OCT	14	185
4516	1949	APRIL	18	SEPT	28	163
4516	1950	MAY	01	OCT	04	156
4516	1951	APRIL	23	SEPT	28	058
4516	1952	APRIL	10	OCT	05	178
4516	1953	APRIL	20	OCT	26	189
4516	1954	MAY	05	OCT	06	154
4516	1955	APRIL	09	SEPT	11	155
4516	AVER	APRIL	24	OCT	12	171

TABLE NO 24

4834 DATE STAT ION	LEAD OF OCCURRENCE YEAR	SOUTH DAKOTA 24 DEGREES	1909 1955 FOR LOWER DATES	
	LAST	SPRING	FALL	
		1ST		
4834	1909	MAY 01	OCT 11	163
4834	1910	MAY 02	SEPT 26	047
4834	1911	MAY 01	OCT 19	171
4834	1912	APRIL 22	SEPT 24	155
4834	1913	APRIL 11	SEPT 25	167
4834	1914	MAY 12	OCT 13	154
4834	1915	MAY 20	OCT 08	141
4834	1916	MAY 02	OCT 18	169
4834	1917	APRIL 30	OCT 08	161
4834	1918	MAY 26	OCT 27	154
4834	1919	APRIL 17	OCT 09	175
4834	1920	APRIL 27	SEPT 26	152
4834	1921	MAY 15	NOV 08	177
4834	1922	APRIL 19	OCT 08	172
4834	1923	MAY 15	OCT 20	158
4834	1924	MAY 07	NOV 06	183
4834	1925	APRIL 29	OCT 06	160
4834	1926	APRIL 14	SEPT 23	162
4834	1927	MAY 10	SEPT 25	138
4834	1928	APRIL 22	OCT 12	173
4834	1929	MAY 15	OCT 24	162
4834	1930	MAY 10	OCT 15	158
4834	1931	MAY 21	OCT 30	062
4834	1932	APRIL 27	OCT 05	061
4834	1933	APRIL 14	OCT 21	090
4834	1934	APRIL 15	SEPT 20	158
4834	1935	MAY 03	OCT 09	159
4834	1936	APRIL 07	SEPT 27	173
4834	1937	APRIL 26	NOV 02	190
4834	1938	MAY 07	OCT 18	164
4834	1939	APRIL 21	OCT 16	078
4834	1940	APRIL 23	NOV 04	195
4834	1941	APRIL 20	OCT 29	192
4834	1942	MAY 05	SEPT 25	143
4834	1943	MAY 13	OCT 31	171
4834	1944	MAY 05	OCT 01	149
4834	1945	MAY 08	SEPT 27	142
4834	1946	MAY 10	OCT 05	048
4834	1947	MAY 29	NOV 05	160
4834	1948	APRIL 20	OCT 16	079
4834	1949	APRIL 15	SEPT 12	150
4834	1950	MAY 08	OCT 02	147
4834	1951	JUNE 02	SEPT 27	117
4834	1952	APRIL 10	OCT 05	078
4834	1953	MAY 13	OCT 23	163
4834	1954	MAY 03	OCT 25	175
4834	1955	APRIL 16	OCT 23	190
4834	AVER	MAY 01	OCT 12	164

## TABLE NO 25

4864 DATE STAT ION	LEMMON OF YEAR	SOUTH OCCURRENCE LAST	DAKOTA OF SPRING	24 DEGREES 1ST	FALL	1920 FOR DAYS	1955 LOWER BETWEEN DATES
4864	1920	APRIL	27	SEPT	29		155
4864	1921	APRIL	26				
4864	1922	APRIL	19	OCT	14		178
4864	1923	MAY	08	OCT	19		164
4864	1924	APRIL	20	NOV	02		196
4864	1925	MAY	16	OCT	06		143
4864	1926	APRIL	14	SEPT	25		164
4864	1927	APRIL	22	SEPT	27		158
4864	1928	APRIL	25	SEPT	25		153
4864	1929	MAY	08	OCT	24		169
4864	1930	APRIL	01	SEPT	27		179
4864	1931	MAY	21	OCT	11		043
4864	1932	APRIL	27	OCT	08		164
4864	1933	APRIL	14	OCT	12		181
4864	1934	MAY	13	SEPT	15		125
4864	1935	MAY	03	SEPT	26		146
4864	1936	APRIL	29	OCT	01		155
4864	1937	APRIL	05	OCT	12		190
4864	1938	MAY	07	OCT	23		169
4864	1939	APRIL	18	SEPT	29		064
4864	1940	APRIL	12	NOV	02		204
4864	1941	APRIL	23	OCT	27		187
4864	1942	APRIL	11	SEPT	26		168
4864	1943	MAY	12	OCT	21		162
4864	1944	MAY	05	OCT	10		158
4864	1945	MAY	10	SEPT	28		141
4864	1946	MAY	12	OCT	07		148
4864	1947	MAY	29	NOV	05		160
4864	1948	APRIL	13	OCT	10		180
4864	1949	APRIL	18	OCT	20		185
4864	1950	MAY	01	OCT	03		155
4864	1951	APRIL	22	SEPT	28		159
4864	1952	APRIL	10	OCT	04		177
4864	1953	MAY	11	OCT	26		168
4864	1954	MAY	03	OCT	06		156
4864	1955	MARCH	28	OCT	28		214
4864	AVER	APRIL	27	OCT	10		166

TABLE NO 26

4983 DATE STAT ION	1927 OF OCCURRENCE YEAR	LONG VALLEYS LAST	SOUTH OF 24 SPRING	DAKOTA 1ST	1955 DEGREES FALL	1927 DAYS	1955 OR LOWER BETWEEN DATES
4983	1927			SEPT	20		
4983	1928	APRIL	19	NOV	01		196
4983	1929	APRIL	12	OCT	31		202
4983	1930	APRIL	02	OCT	16		197
4983	1931	MAY	21	OCT	28		060
4983	1932	APRIL	26	OCT	10		167
4983	1933	APRIL	14	OCT	22		191
4983	1934	MARCH	30	SEPT	26		180
4983	1935	APRIL	18				
4983	1936	APRIL	07	OCT	21		097
4983	1937	APRIL	09	OCT	22		196
4983	1938	MARCH	31	OCT	23		206
4983	1939	APRIL	18	NOV	01		097
4983	1940	APRIL	12	NOV	07		209
4983	1941	APRIL	19	OCT	30		194
4983	1942	APRIL	07	SEPT	24		170
4983	1943	MAY	12	OCT	24		165
4983	1944	MAY	05	OCT	21		169
4983	1945	MAY	03	OCT	21		171
4983	1946	MAY	07	OCT	08		054
4983	1947	APRIL	16	NOV	01		199
4983	1948	MAY	02	OCT	10		161
4983	1949			OCT	21		
4983	1950	APRIL	30	NOV	02		186
4983	1951	MAY	06	SEPT	28		145
4983	1952	APRIL	14	OCT	05		074
4983	1953	MAY	13	OCT	06		146
4983	1954	MAY	03	OCT	06		156
4983	1955	APRIL	07	OCT	30		206
4983	AVER	APRIL	21	OCT	18		181

TABLE NO 27

5228 DATE STAT ION	MARION OF YEAR	SOUTH OCCURRENCE LAST	DAKOTA OF SPRING	1901 24 1ST	1955 DEGREES FALL	1901 S DAYS	1955 OR BETWEEN	LOWER DATES
5228	1901	APRIL	18	NOV	03		199	
5228	1902	APRIL	22	OCT	13		174	
5228	1903	APRIL	30	NOV	11		195	
5228	1904	APRIL	19	OCT	26		190	
5228	1905	APRIL	21	OCT	20		182	
5228	1906	MAY	07					
5228	1907	APRIL	30					
5228	1908	MAY	02	OCT	11		162	
5228	1909	MAY	03	OCT	12		162	
5228	1910	APRIL	24	OCT	28		187	
5228	1911	APRIL	14	OCT	27		196	
5228	1912	MARCH	31	OCT	22		205	
5228	1913	MARCH	28	OCT	18		204	
5228	1914	APRIL	11	OCT	28		200	
5228	1915	APRIL	12	NOV	13		215	
5228	1916	APRIL	06	OCT	17		094	
5228	1917	APRIL	15	OCT	08		176	
5228	1918	APRIL	24	SEPT	20		149	
5228	1919	APRIL	24	OCT	10		169	
5228	1920	APRIL	13	SEPT	30		170	
5228	1921	APRIL	17	NOV	08		205	
5228	1922	MARCH	28	OCT	12		198	
5228	1923	MAY	09	OCT	19		163	
5228	1924	APRIL	20	NOV	02		196	
5228	1925	MAY	06	OCT	09		156	
5228	1926	APRIL	28	SEPT	25		150	
5228	1927	APRIL	22	NOV	06		198	
5228	1928	APRIL	27	SEPT	25		151	
5228	1929	MAY	16	OCT	23		160	
5228	1930	APRIL	07	OCT	17		192	
5228	1931	MAY	06	NOV	01		079	
5228	1932	APRIL	12	OCT	30		201	
5228	1933	APRIL	15	OCT	08		176	
5228	1934	APRIL	24	SEPT	21		150	
5228	1935	APRIL	16	OCT	04		171	
5228	1936	APRIL	22	OCT	21		182	
5228	1937	APRIL	25	OCT	14		172	
5228	1938	APRIL	09	OCT	23		197	
5228	1939	APRIL	12	OCT	14		085	
5228	1940	APRIL	12	NOV	07		209	

## TABLE 27 CONT

5228 DATE STATION	MARION OF OCCURRENCE YEAR LAST	SOUTH OF 24 SPRING	DAKOTA DEGREES 1ST FALL	1901 FOR DAYS	1955 LOWER BETWEEN DATES
5228	1941	MARCH 18	OCT 27		223
5228	1942	APRIL 11	SEPT 24		066
5228	1943	APRIL 14	NOV 03		203
5228	1944	APRIL 05	NOV 03		212
5228	1945	APRIL 11	SEPT 29		171
5228	1946	MAY 12	OCT 12		153
5228	1947	APRIL 20	NOV 07		201
5228	1948	APRIL 08	OCT 17		192
5228	1949	APRIL 03	OCT 24		204
5228	1950	APRIL 26	NOV 03		091
5228	1951	APRIL 16			
5228	1952	APRIL 10	OCT 05		078
5228	1953	APRIL 20	OCT 26		189
5228	1954	MAY 07	OCT 31		177
5228	1955	APRIL 07	OCT 17		193
5228	AVER	APRIL 19	OCT 19		184

TABLE NO 28

5281 DATE STATION	MARTIN OF OCCURRENCE YEAR LAST	SOUTH OF 24 SPRING	DAKOTA 1ST FALL	1937 FOR DAYS	1955 LOWER BETWEEN DATES
5281	1937	APRIL 27	NOV 02		189
5281	1938	APRIL 09	OCT 19		193
5281	1939	APRIL 18	OCT 30		095
5281	1940	APRIL 12	NOV 05		207
5281	1941	APRIL 19	OCT 29		093
5281	1942	APRIL 07	SEPT 26		172
5281	1943	MAY 12	OCT 13		154
5281	1944	MAY 05	NOV 03		182
5281	1945	MAY 03	OCT 19		169
5281	1946	MAY 10	OCT 06		049
5281	1947	APRIL 23	NOV 04		195
5281	1948	APRIL 13	OCT 17		087
5281	1949	APRIL 15	OCT 21		189
5281	1950	APRIL 30	NOV 03		187
5281	1951	APRIL 22	SEPT 28		159
5281	1952	APRIL 10	OCT 05		178
5281	1953	MAY 13	NOV 07		178
5281	1954	MAY 03	OCT 27		177
5281	1955	APRIL 07	OCT 23		199
5281	AVER	APRIL 23	OCT 22		182



## TABLE NO 29

5381 DATE STAT ION	MC INTOSH OF OCCURRENCE YEAR LAST	SOUTH DAKOTA OF 24 DEGREES SPRING	1915 1ST FALL	1955 FOR LOWER DAYS BETWEEN DATES
5381	1915		SEPT 21	
5381	1916	MAY 01	SEPT 15	137
5381	1917	MAY 06	OCT 05	152
5381	1918	MAY 22	SEPT 20	121
5381	1919	APRIL 24		
5381	1920	APRIL 27	SEPT 24	180
5381	1921	APRIL 29	SEPT 11	165
5381	1922	APRIL 19	SEPT 08	172
5381	1923	MAY 09	SEPT 14	158
5381	1924	MAY 25	NOV 02	161
5381	1925	MAY 17	OCT 08	144
5381	1926	APRIL 28	SEPT 25	150
5381	1927	APRIL 21	SEPT 20	052
5381	1928	APRIL 26		
5381	1929		NOV 03	
5381	1930			
5381	1931	MAY 21	OCT 31	063
5381	1932		OCT 05	
5381	1933	APRIL 12		
5381	1934			
5381	1935			
5381	1936	APRIL 29	SEPT 27	151
5381	1937		OCT 11	
5381	1938	MAY 07	OCT 19	165
5381	1939	APRIL 18	OCT 14	079
5381	1940	MAY 15	SEPT 25	133
5381	1941		OCT 28	
5381	1942	APRIL 11	SEPT 24	166
5381	1943	MAY 12	OCT 21	162
5381	1944	MAY 05	OCT 11	159
5381	1945	MAY 14	OCT 24	163
5381	1946	MAY 12	OCT 07	148
5381	1947	MAY 29	NOV 05	160
5381	1948	APRIL 13	OCT 16	186
5381	1949	APRIL 18	OCT 21	186
5381	1950	MAY 01	OCT 03	155
5381	1951	APRIL 22	SEPT 27	158
5381	1952	APRIL 10	OCT 04	177
5381	1953	APRIL 20	OCT 06	169
5381	1954	MAY 03	OCT 06	156
5381	1955	APRIL 06		
5381	AVER	MAY 01	OCT 10	160

TABLE NO 30

5456 DATE STATION	OF YEAR	MELLETTTE OCCURRENCE LAST	SOUTH OF SPRING	24 DEGREES 1ST	DAKOTA FALL	1897 DAYS	1955 OR LOWER BETWEEN DATES
5456	1897	APRIL	18	OCT	08		173
5456	1898	APRIL	19	OCT	04		168
5456	1899	MAY	13	SEPT	29		139
5456	1900	APRIL	18	SEPT	27		162
5456	1901	MAY	12	NOV	03		175
5456	1902	APRIL	23	SEPT	12		142
5456	1903	APRIL	30	OCT	17		170
5456	1904	APRIL	19	OCT	06		170
5456	1905	APRIL	30	OCT	11		164
5456	1906	MARCH	24	OCT	09		199
5456	1907	MAY	20	SEPT	28		131
5456	1908	MAY	02	SEPT	28		149
5456	1909	MAY	10	OCT	12		155
5456	1910	MAY	03	OCT	20		170
5456	1911	MAY	01	OCT	23		175
5456	1912	APRIL	07	SEPT	27		173
5456	1913	APRIL	27	SEPT	22		148
5456	1914	APRIL	12	OCT	14		185
5456	1915	APRIL	12	OCT	08		179
5456	1916	MAY	01	OCT	17		169
5456	1917	APRIL	15	OCT	08		176
5456	1918	APRIL	23	SEPT	20		150
5456	1919	APRIL	24	OCT	10		169
5456	1920	APRIL	13	SEPT	30		170
5456	1921	APRIL	17	OCT	12		178
5456	1922	APRIL	21				
5456	1923	APRIL	15	OCT	13		181
5456	1924	MAY	24	NOV	02		162
5456	1925	MAY	17	OCT	09		145
5456	1926	MAY	03	SEPT	25		145
5456	1927	APRIL	22	OCT	31		192
5456	1928	APRIL	27	OCT	29		185
5456	1929	APRIL	12	SEPT	18		159
5456	1930	APRIL	24	OCT	17		176
5456	1931	MAY	07	NOV	05		182
5456	1932	APRIL	12	OCT	10		181
5456	1933	APRIL	26	OCT	08		165
5456	1934	APRIL	27	SEPT	21		147

## TABLE 30 CONT

5456 DATE STATION	MELLETTTE OF OCCURRENCE YEAR LAST	SOUTH OF SPRING	DAKOTA 24 DEGREES 1ST FALL	1897 DAYS	1955 OR LOWER BETWEEN DATES
5456	1935	APRIL 15	SEPT 27		165
5456	1936	APRIL 22	OCT 01		162
5456	1937	APRIL 06	OCT 13		190
5456	1938	APRIL 09	OCT 23		097
5456	1939	APRIL 21	SEPT 26		058
5456	1940	APRIL 12	NOV 07		209
5456	1941	APRIL 21	OCT 27		089
5456	1942	APRIL 11	SEPT 24		166
5456	1943	MAY 13	OCT 16		156
5456	1944	APRIL 16	OCT 10		177
5456	1945	MAY 10	OCT 09		152
5456	1946	MARCH 11	OCT 12		215
5456	1947	MAY 29	SEPT 22		116
5456	1948	APRIL 12	OCT 17		188
5456	1949	APRIL 18	SEPT 28		163
5456	1950	APRIL 30	OCT 04		157
5456	1951	APRIL 23	SEPT 24		154
5456	1952	APRIL 10	OCT 04		077
5456	1953	APRIL 20	OCT 26		189
5456	1954	MAY 05	NOV 01		180
5456	1955	MAY 08	OCT 14		159
5456	AVER	APRIL 24	OCT 09		169

TABLE NO 31

5481 MENNO SOUTH DAKOTA 1896 1955  
 DATE OF OCCURRENCE OF 24 DEGREES F OR LOWER  
 STAT ION YEAR LAST SPRING 1ST FALL DAYS BETWEEN  
 I ON YEAR LAST SPRING 1ST FALL DATES

5481	1896			OCT	18	
5481	1897	APRIL	19	NOV	16	211
5481	1898	APRIL	10	OCT	05	178
5481	1899	APRIL	07	SEPT	29	175
5481	1900	APRIL	13	NOV	08	209
5481	1901	APRIL	17	NOV	03	200
5481	1902	APRIL	11	SEPT	12	154
5481	1903	APRIL	30	OCT	31	184
5481	1904	APRIL	19	OCT	27	191
5481	1905	APRIL	21	OCT	20	082
5481	1906	MARCH	23	OCT	10	201
5481	1907	APRIL	30	OCT	12	165
5481	1908	MAY	02	OCT	29	180
5481	1909	MAY	01	OCT	13	165
5481	1910	APRIL	23	OCT	28	188
5481	1911	MAY	01	OCT	27	179
5481	1912	APRIL	07	OCT	21	197
5481	1913	MARCH	29	OCT	19	204
5481	1914	APRIL	11	OCT	26	098
5481	1915	APRIL	01			
5481	1916	APRIL	08	OCT	19	194
5481	1917	APRIL	11	OCT	08	180
5481	1918	APRIL	23	SEPT	20	150
5481	1919	MARCH	21			
5481	1920	APRIL	13	SEPT	30	170
5481	1921	APRIL	17			
5481	1922	MARCH	29	OCT	12	197
5481	1923	APRIL	09	OCT	20	194
5481	1924	APRIL	22	NOV	08	200
5481	1925	MAY	06	OCT	10	157
5481	1926	APRIL	28	SEPT	25	150
5481	1927	APRIL	22	NOV	05	197
5481	1928	APRIL	27	SEPT	25	151
5481	1929	MAY	02	NOV	06	188
5481	1930	APRIL	01	OCT	18	200
5481	1931	APRIL	26			
5481	1932	MARCH	29	OCT	30	215
5481	1933	APRIL	15	OCT	12	180
5481	1934	APRIL	27	OCT	28	184
5481	1935	APRIL	03	OCT	04	184

TABLE 31 CONT

5481 DATE STATION	MENNON OF OCCURRENCE YEAR LAST	SOUTH OF 24 DEGREES SPRING	DAKOTA 1ST FALL	1896 DAYS DATES	1955 OR LOWER BETWEEN DATES
5481	1936	APRIL	22		
5481	1937	APRIL	08	OCT	13
5481	1938	APRIL	08	OCT	22
5481	1939	APRIL	19	OCT	14
5481	1940	APRIL	18	NOV	07
5481	1941	MARCH	28	OCT	27
5481	1942	APRIL	11	SEPT	28
5481	1943	MAY	07	OCT	15
5481	1944	APRIL	05	NOV	03
5481	1945	APRIL	17	SEPT	29
5481	1946	MAY	12	OCT	12
5481	1947	APRIL	20	NOV	07
5481	1948	APRIL	08	OCT	17
5481	1949	APRIL	03	OCT	31
5481	1950	APRIL	14	NOV	04
5481	1951	APRIL	16	OCT	22
5481	1952	APRIL	10	OCT	05
5481	1953	APRIL	20	OCT	04
5481	1954	MAY	05	OCT	31
5481	1955	APRIL	07	OCT	24
5481	AVER	APRIL	16	OCT	18

TABLE NO 32

5536 MILBANK SOUTH DAKOTA 1893 1955  
 DATE OF OCCURRENCE OF 24 DEGREES S F OR LOWER  
 STAT ION YEAR LAST SPRING 1ST FALL DAYS BETWEEN  
 ION YEAR LAST SPRING 1ST FALL DATES

5536	1893			SEPT	25	
5536	1894	APRIL	01	NOV	05	218
5536	1895	APRIL	03	SEPT	30	180
5536	1896	APRIL	19	NOV	02	197
5536	1897	APRIL	20	OCT	09	072
5536	1898	APRIL	07	OCT	06	182
5536	1899	APRIL	19	SEPT	29	163
5536	1900	APRIL	12	NOV	08	210
5536	1901	APRIL	20	OCT	26	189
5536	1902	APRIL	23	OCT	09	169
5536	1903	APRIL	30			
5536	1904	APRIL	19	SEPT	21	155
5536	1905	APRIL	30	OCT	21	174
5536	1906	MAY	08	OCT	10	155
5536	1907	MAY	04	SEPT	28	147
5536	1908	MAY	03	OCT	11	161
5536	1909	MAY	03	OCT	12	162
5536	1910	APRIL	24	OCT	28	187
5536	1911	MAY	03	OCT	27	177
5536	1912	APRIL	07	SEPT	27	173
5536	1913	MAY	01	SEPT	22	044
5536	1914	APRIL	12	OCT	27	198
5536	1915	APRIL	12	OCT	09	180
5536	1916	APRIL	09	OCT	17	091
5536	1917	APRIL	15	OCT	08	176
5536	1918	APRIL	24	SEPT	20	149
5536	1919	APRIL	25	OCT	10	168
5536	1920	APRIL	14	OCT	28	197
5536	1921	APRIL	17	NOV	01	198
5536	1922	MARCH	29	OCT	12	197
5536	1923	APRIL	08	OCT	21	196
5536	1924	MAY	21	NOV	02	065
5536	1925	MARCH	30	OCT	09	193
5536	1926	MAY	03	SEPT	25	145
5536	1927	APRIL	22	OCT	08	169
5536	1928	APRIL	27	OCT	29	185
5536	1929	MAY	16	SEPT	18	125
5536	1930	MAY	17	SEPT	28	134
5536	1931	MAY	07	NOV	10	187
5536	1932	APRIL	26	OCT	30	187

TABLE 32 CONT

5536 DATE STATION	MILBANK OF OCCURRENCE YEAR LAST	SOUTH OF SPRING	DAKOTA 24 DEGREES 1ST FALL	1893 S F DAYS	1955 OR LOWER BETWEEN DATES
5536	1933	APRIL 27	OCT 12		168
5536	1934	APRIL 27	NOV 01		188
5536	1935	APRIL 16	OCT 04		171
5536	1936	APRIL 22	OCT 21		182
5536	1937	APRIL 06	OCT 13		190
5536	1938	APRIL 09	OCT 23		097
5536	1939	APRIL 13	SEPT 26		066
5536	1940	APRIL 12	NOV 10		212
5536	1941	APRIL 03	OCT 27		207
5536	1942	APRIL 08	SEPT 28		173
5536	1943	APRIL 19	OCT 16		180
5536	1944	APRIL 05	NOV 03		212
5536	1945	APRIL 18	OCT 31		196
5536	1946	MAY 12	OCT 12		153
5536	1947	APRIL 07	NOV 08		215
5536	1948	APRIL 12	OCT 17		188
5536	1949	APRIL 24	OCT 26		185
5536	1950	APRIL 14	OCT 25		094
5536	1951	APRIL 16	OCT 19		186
5536	1952	APRIL 10	OCT 05		178
5536	1953	APRIL 18	NOV 04		200
5536	1954	APRIL 08	OCT 18		193
5536	1955	MARCH 28	OCT 24		210
5536	AVER	APRIL 19	OCT 16		180

## TABLE NO 33

5561 DATE STATION	MILLER OF OCCURRENCE YEAR LAST	SOUTH OF 24 SPRING	DAKOTA 1ST FALL	1902 S F DAYS	1955 OR LOWER DATES BETWEEN	
5561	1902	APRIL	23	SEPT	12	142
5561	1903	APRIL	30	SEPT	16	139
5561	1904	APRIL	19	SEPT	21	155
5561	1905	APRIL	30	OCT	11	164
5561	1906	APRIL	15	OCT	09	177
5561	1907	MAY	20	SEPT	28	131
5561	1908	MAY	02	SEPT	29	150
5561	1909	MAY	03	OCT	12	162
5561	1910	APRIL	25	OCT	20	179
5561	1911	MAY	03	OCT	19	169
5561	1912	APRIL	22	SEPT	27	158
5561	1913	MAY	06	SEPT	22	139
5561	1914	APRIL	13	OCT	14	184
5561	1915	MAY	18	OCT	08	143
5561	1916	MAY	01	SEPT	15	137
5561	1917	MAY	02	OCT	08	159
5561	1918	APRIL	24	SEPT	20	149
5561	1919	APRIL	24	OCT	10	169
5561	1920	APRIL	27	SEPT	30	156
5561	1921	MAY	15	OCT	11	149
5561	1922	APRIL	19	OCT	12	176
5561	1923	MAY	09	OCT	20	164
5561	1924	MAY	22	NOV	02	164
5561	1925	MAY	06	OCT	09	156
5561	1926	APRIL	28	SEPT	25	150
5561	1927	APRIL	22	OCT	09	170
5561	1928	APRIL	27	SEPT	25	151
5561	1929	MAY	16	OCT	23	160
5561	1930	MARCH	31	OCT	17	200
5561	1931	MAY	07	NOV	05	182
5561	1932	APRIL	26	OCT	30	187
5561	1933	APRIL	13	OCT	08	178
5561	1934	APRIL	27	SEPT	21	147
5561	1935	APRIL	15	SEPT	27	165
5561	1936	APRIL	21	OCT	13	175
5561	1937	APRIL	05	OCT	13	191
5561	1938	APRIL	09	OCT	23	097
5561	1939	APRIL	12	OCT	14	085
5561	1940	APRIL	13	NOV	07	208
5561	1941	APRIL	03	OCT	27	207



## TABLE 33 CONT

5561 DATE STATION	MILLER OF OCCURRENCE YEAR LAST	SOUTH OF 24 SPRING	DAKOTA DEGREES 1ST FALL	1902 DAYS	1955 OR LOWER BETWEEN DATES	
5561	1942	APRIL	11	SEPT	24	066
5561	1943	MAY	13	NOV	03	174
5561	1944	MAY	05	OCT	19	167
5561	1945	MAY	08	OCT	08	153
5561	1946	MAY	12	OCT	12	153
5561	1947	MAY	29	NOV	07	162
5561	1948	APRIL	12	OCT	17	188
5561	1949	APRIL	18	OCT	26	191
5561	1950	MAY	01	NOV	04	087
5561	1951	APRIL	22	SEPT	28	159
5561	1952	APRIL	10	OCT	04	177
5561	1953	APRIL	19	OCT	06	170
5561	1954	MAY	03	NOV	01	182
5561	1955	MARCH	27	OCT	24	211
5561	AVER	APRIL	26	OCT	11	168

TABLE NO 34

5671 DATE STAT ION	1896 OF YEAR	MITCHELL OCCURRENCE LAST	SOUTH OF SPRING	DAKOTA 24 1ST	1896 DEGREES FALL	1955 OR DAYS	1955 LOWER BETWEEN DATES
5671	1896	APRIL	03	SEPT	19		069
5671	1897	APRIL	19	OCT	09		173
5671	1898	APRIL	20	OCT	05		168
5671	1899	APRIL	08	SEPT	29		174
5671	1900	APRIL	13	OCT	16		186
5671	1901	APRIL	18	NOV	03		199
5671	1902	APRIL	23	SEPT	12		142
5671	1903	APRIL	30	OCT	31		184
5671	1904	APRIL	19	OCT	27		191
5671	1905	APRIL	21	OCT	20		082
5671	1906	APRIL	04	OCT	10		189
5671	1907	MAY	03	OCT	12		162
5671	1908	MAY	02	OCT	11		162
5671	1909	MAY	03	OCT	12		162
5671	1910	APRIL	23	OCT	28		188
5671	1911	MAY	01	OCT	27		179
5671	1912	MARCH	31	OCT	22		205
5671	1913	MARCH	29	OCT	17		202
5671	1914	APRIL	12	OCT	27		198
5671	1915	APRIL	13	NOV	12		213
5671	1916	APRIL	09	OCT	20		094
5671	1917	APRIL	15	OCT	12		180
5671	1918	APRIL	09	SEPT	20		164
5671	1919	APRIL	24	OCT	10		169
5671	1920	APRIL	13	SEPT	30		170
5671	1921	APRIL	17	NOV	01		198
5671	1922	MARCH	28	OCT	12		198
5671	1923	APRIL	08	OCT	20		195
5671	1924	APRIL	02	NOV	02		214
5671	1925	MARCH	22	OCT	09		201
5671	1926	APRIL	08	SEPT	25		170
5671	1927	APRIL	22	NOV	05		197
5671	1928	APRIL	27	NOV	02		189
5671	1929	APRIL	12	NOV	06		208
5671	1930	APRIL	01	OCT	17		199
5671	1931	MAY	21	NOV	10		173
5671	1932	MARCH	30	OCT	31		215
5671	1933	APRIL	14	OCT	12		181
5671	1934	MARCH	31	OCT	29		212
5671	1935	APRIL	03	SEPT	27		177

## TABLE 34 CONT

5671 DATE STATION	MITCHELL OF OCCURRENCE YEAR	SOUTH OF LAST	DAKOTA 24 DEGREES SPRING	1896 F 1ST	1955 OR LOWER FALL	DAYS BETWEEN DATES
5671	1936	APRIL	21	OCT	21	083
5671	1937	APRIL	05	OCT	13	191
5671	1938	APRIL	09	OCT	23	197
5671	1939	APRIL	17	OCT	27	193
5671	1940	APRIL	12	NOV	10	212
5671	1941	MARCH	28	OCT	27	213
5671	1942	APRIL	10	OCT	25	198
5671	1943	MAY	07	NOV	03	180
5671	1944	MARCH	30	NOV	03	218
5671	1945	APRIL	18	OCT	22	187
5671	1946	MAY	12	OCT	12	153
5671	1947	APRIL	16	NOV	07	205
5671	1948	APRIL	02	OCT	17	198
5671	1949	APRIL	18	OCT	31	196
5671	1950	APRIL	26	NOV	04	092
5671	1951	APRIL	16	SEPT	28	165
5671	1952	APRIL	10	OCT	05	178
5671	1953	APRIL	20	NOV	04	198
5671	1954	APRIL	08	NOV	01	207
5671	1955	MARCH	28	OCT	24	210
5671	AVER	APRIL	14	OCT	20	188

## TABLE NO 35

5691 MOBRIDGE SOUTH DAKOTA 1926 1955  
 DATE OF OCCURRENCE OF 24 DEGREES F OR LOWER  
 STAT YEAR LAST SPRING 1ST FALL DAYS BETWEEN  
 ION DATES

5691	1926						
5691	1927	APRIL	22	SEPT	27		058
5691	1928	APRIL	25	SEPT	25		153
5691	1929	MAY	07	OCT	24		170
5691	1930	APRIL	07	SEPT	27		173
5691	1931	MAY	21	NOV	04		067
5691	1932	APRIL	26	OCT	25		182
5691	1933	APRIL	14	OCT	12		181
5691	1934	APRIL	24	OCT	31		190
5691	1935	APRIL	15	OCT	04		172
5691	1936	APRIL	29	OCT	01		155
5691	1937	APRIL	05	OCT	13		191
5691	1938	APRIL	21	OCT	23		185
5691	1939	APRIL	12	SEPT	29		070
5691	1940	APRIL	12	OCT	29		200
5691	1941	APRIL	21	OCT	27		089
5691	1942	APRIL	11	SEPT	24		166
5691	1943	MAY	12	OCT	17		158
5691	1944	MAY	05	OCT	10		158
5691	1945	MAY	13	SEPT	28		138
5691	1946	MAY	12	OCT	07		148
5691	1947	MAY	29	NOV	06		161
5691	1948	APRIL	08	OCT	09		184
5691	1949	APRIL	18	OCT	25		190
5691	1950	MAY	01	OCT	04		056
5691	1951	APRIL	23	SEPT	28		158
5691	1952	APRIL	10	OCT	04		077
5691	1953	APRIL	20	OCT	06		169
5691	1954	MAY	04	OCT	06		155
5691	1955	APRIL	07	OCT	23		199
5691	AVER	APRIL	23	OCT	12		171

## TABLE NO 36

5891 DATE STATION	MURDO OF OCCURRENCE YEAR LAST	SOUTH OF 24 SPRING	DAKOTA DEGREES 1ST FALL	1920 S F DAYS	1955 OR LOWER BETWEEN DATES
5891	1920	APRIL 12	OCT 29		200
5891	1921	APRIL 16	NOV 08		206
5891	1922	APRIL 19	OCT 12		176
5891	1923	MAY 08	OCT 27		172
5891	1924	APRIL 10	NOV 06		210
5891	1925		OCT 17		
5891	1926		SEPT 25		
5891	1927	APRIL 22	NOV 02		194
5891	1928	APRIL 19	NOV 01		196
5891	1929	MARCH 31	NOV 02		216
5891	1930	APRIL 01	OCT 16		098
5891	1931	APRIL 26	NOV 10		098
5891	1932	APRIL 26	OCT 10		167
5891	1933	APRIL 14	OCT 25		194
5891	1934	APRIL 16	NOV 01		199
5891	1935	APRIL 15	OCT 10		178
5891	1936	APRIL 21	OCT 21		183
5891	1937	APRIL 05	OCT 14		192
5891	1938	APRIL 09	OCT 23		197
5891	1939	APRIL 12	OCT 14		185
5891	1940	APRIL 12	NOV 10		212
5891	1941	APRIL 04	OCT 28		207
5891	1942	APRIL 11	SEPT 26		068
5891	1943	MARCH 22	NOV 02		225
5891	1944	MAY 05	NOV 09		188
5891	1945	MAY 08	NOV 08		184
5891	1946	MAY 11	OCT 08		050
5891	1947	APRIL 19	NOV 07		202
5891	1948	APRIL 13	OCT 17		187
5891	1949	APRIL 16	OCT 21		188
5891	1950	MAY 01	OCT 04		156
5891	1951	APRIL 22	SEPT 28		159
5891	1952	APRIL 11	OCT 05		077
5891	1953	MAY 13	OCT 06		146
5891	1954	MAY 03	OCT 27		177
5891	1955	MARCH 28	OCT 24		210
5891	AVER	APRIL 10	OCT 22		188

TABLE NO 37

6054 DATE STATION	NEWELL OF OCCURRENCE YEAR LAST	SOUTH OF 24 DEGREES SPRING	DAKOTA 1ST FALL	1920 FOR DAYS	1955 LOWER BETWEEN DATES	
6054	1920					
6054	1921	APRIL	25	OCT	11	169
6054	1922	APRIL	19	OCT	14	178
6054	1923	MAY	08	OCT	27	172
6054	1924	APRIL	10	NOV	06	210
6054	1925	APRIL	29	OCT	17	071
6054	1926	APRIL	25	SEPT	24	152
6054	1927	APRIL	22	OCT	13	174
6054	1928	APRIL	24	SEPT	27	156
6054	1929	MAY	08	OCT	24	169
6054	1930	APRIL	01	OCT	16	198
6054	1931	MAY	21	OCT	30	062
6054	1932	APRIL	26	OCT	05	162
6054	1933	APRIL	14	OCT	28	197
6054	1934	APRIL	17	SEPT	26	162
6054	1935	MAY	04	OCT	21	170
6054	1936	APRIL	08	OCT	21	196
6054	1937	APRIL	26	OCT	22	179
6054	1938	APRIL	21	OCT	23	185
6054	1939	APRIL	21	OCT	28	090
6054	1940	APRIL	12	NOV	02	204
6054	1941	MARCH	29	SEPT	28	183
6054	1942	APRIL	07	SEPT	26	172
6054	1943	MAY	12	OCT	15	156
6054	1944	MAY	05	NOV	04	183
6054	1945	MAY	08	SEPT	28	143
6054	1946	APRIL	08	OCT	08	083
6054	1947	MAY	29	NOV	05	150
6054	1948	APRIL	13	OCT	11	181
6054	1949	APRIL	18	OCT	21	186
6054	1950	MAY	01	OCT	04	156
6054	1951	APRIL	22	OCT	27	188
6054	1952	APRIL	12	OCT	05	176
6054	1953	MAY	12	OCT	23	164
6054	1954	MAY	03	SEPT	21	141
6054	1955	APRIL	07	OCT	23	199
6054	AVER	APRIL	24	OCT	16	175

TABLE NO 38

6212 DATE STATION	1896 OF YEAR	DEL RICH'S OCCURRENCE LAST	SOUTH OF SPRING	24 DEGREES 1ST	DAKOTA FALL	1896 OR DAYS	1955 LOWER BETWEEN DATES
6212	1896	MAY	13	OCT	10		150
6212	1897	APRIL	24	OCT	26		185
6212	1898	APRIL	19				
6212	1899	MAY	03				
6212	1900	APRIL	10	OCT	27		200
6212	1901	APRIL	16	SEPT	17		154
6212	1902	APRIL	22	SEPT	11		142
6212	1903	APRIL	29	OCT	21		175
6212	1904	APRIL	25	SEPT	13		141
6212	1905	APRIL	20	NOV	01		195
6212	1906	MAY	05	OCT	07		155
6212	1907	MAY	02	OCT	11		162
6212	1908	MAY	01	SEPT	27		149
6212	1909						
6212	1910	APRIL	16	OCT	20		187
6212	1911	APRIL	18	OCT	15		080
6212	1912	APRIL	07	SEPT	25		171
6212	1913	MAY	03	OCT	14		164
6212	1914	APRIL	13	SEPT	14		154
6212	1915	APRIL	01	OCT	08		190
6212	1916	APRIL	25	SEPT	14		142
6212	1917	MAY	08	OCT	08		053
6212	1918	MAY	02				
6212	1919	APRIL	10	OCT	10		183
6212	1920	APRIL	27	SEPT	29		155
6212	1921	MAY	02	OCT	11		162
6212	1922	APRIL	19	OCT	12		176
6212	1923	MAY	09	OCT	23		167
6212	1924	MAY	24	OCT	26		155
6212	1925	MAY	01	OCT	06		058
6212	1926	APRIL	25	SEPT	24		152
6212	1927	APRIL	22	SEPT	20		151
6212	1928	APRIL	20	OCT	11		174
6212	1929	MAY	16	OCT	24		161
6212	1930	APRIL	01	OCT	16		198
6212	1931	MAY	20	OCT	30		163
6212	1932	APRIL	26	OCT	05		062
6212	1933	APRIL	13	OCT	03		173
6212	1934	APRIL	20	SEPT	26		159
6212	1935	APRIL	11	OCT	10		182

TABLE 38 CONT

6212 DATE OF STAT ION	DELRICH'S OCCURRENCE YEAR	SOUTH OF LAST	24 OF SPRING	DAKOTA DEGREES 1ST	FALL	1896 FOR DAYS	1955 LOWER BETWEEN DATES
6212	1936	APRIL	07	OCT	22		198
6212	1937	APRIL	26	NOV	03		191
6212	1938	APRIL	09	OCT	22		196
6212	1939	APRIL	21	NOV	01		094
6212	1940	APRIL	17	NOV	02		199
6212	1941	APRIL	03	SEPT	28		178
6212	1942	APRIL	22	SEPT	26		157
6212	1943	MAY	07	OCT	15		161
6212	1944	MAY	05	OCT	11		159
6212	1945	MAY	04	SEPT	29		148
6212	1946	MARCH	30	OCT	08		092
6212	1947	APRIL	24	NOV	01		191
6212	1948	APRIL	13	OCT	11		081
6212	1949	APRIL	18	OCT	21		186
6212	1950	MAY	01	OCT	04		156
6212	1951	APRIL	22	SEPT	28		059
6212	1952	APRIL	14	OCT	05		174
6212	1953	MAY	13	OCT	23		163
6212	1954	APRIL	29	SEPT	21		145
6212	1955	APRIL	07	OCT	28		204
6212	AVER	APRIL	23	OCT	10		170



TABLE NO 39

6597 DATE STATION	PIERRE OF OCCURRENCE YEAR LAST	SOUTH OF 24 SPRING	DAKOTA 1ST FALL	1892 S F DAYS	1955 OR LOWER BETWEEN DATES	
6597	1892		OCT	29		
6597	1893	APRIL	14	OCT	24	193
6597	1894	APRIL	01	OCT	30	212
6597	1895	MARCH	18	OCT	08	204
6597	1896	APRIL	18	OCT	11	176
6597	1897	APRIL	19	NOV	01	196
6597	1898	APRIL	10	OCT	20	193
6597	1899	APRIL	06	OCT	18	095
6597	1900	APRIL	13	NOV	08	209
6597	1901	APRIL	17	NOV	03	200
6597	1902	APRIL	07	NOV	09	216
6597	1903	APRIL	30	NOV	05	189
6597	1904	APRIL	16	NOV	10	208
6597	1905	APRIL	17	OCT	20	086
6597	1906	APRIL	04	OCT	10	189
6597	1907	APRIL	29	OCT	27	181
6597	1908	APRIL	02	OCT	23	204
6597	1909	MAY	01	OCT	12	164
6597	1910	FEB	27	OCT	20	235
6597	1911	APRIL	08	OCT	30	205
6597	1912	MARCH	31	NOV	12	226
6597	1913	MARCH	28	OCT	20	206
6597	1914	APRIL	11	NOV	15	218
6597	1915	APRIL	02	NOV	13	225
6597	1916	APRIL	08	OCT	20	195
6597	1917	APRIL	04	OCT	08	187
6597	1918	APRIL	08	OCT	27	202
6597	1919	APRIL	24	OCT	09	168
6597	1920	APRIL	06	OCT	28	205
6597	1921	APRIL	17	NOV	07	204
6597	1922	APRIL	19	OCT	16	180
6597	1923	APRIL	08	OCT	29	204
6597	1924	APRIL	10	NOV	06	210
6597	1925	MARCH	22	OCT	19	211
6597	1926	APRIL	07	SEPT	25	171
6597	1927	APRIL	21	NOV	11	204
6597	1928	APRIL	19	NOV	01	196
6597	1929	APRIL	01	NOV	06	219
6597	1930	MARCH	29	OCT	17	202
6597	1931	APRIL	26	OCT	31	088

TABLE 39 CONT

6597 DATE STATION	PIERRE OF OCCURRENCE YEAR LAST	SOUTH OF 24 SPRING	DAKOTA DEGREES 1ST FALL	1892 FOR DAYS	1955 LOWER BETWEEN DATES	
6597	1932	MARCH	30	OCT	31	215
6597	1933	APRIL	10	OCT	28	201
6597	1934	MARCH	31	NOV	01	215
6597	1935	APRIL	15	OCT	10	178
6597	1936	APRIL	21	OCT	22	184
6597	1937	APRIL	05	OCT	14	192
6597	1938	APRIL	08	OCT	23	198
6597	1939	APRIL	12	OCT	28	199
6597	1940	APRIL	12	NOV	07	209
6597	1941	MARCH	24	OCT	31	221
6597	1942	APRIL	11	OCT	24	096
6597	1943	MAY	12	NOV	02	174
6597	1944	MAY	05	OCT	19	167
6597	1945	APRIL	18	OCT	22	187
6597	1946	MARCH	11	OCT	11	214
6597	1947	MAY	29	NOV	05	160
6597	1948	APRIL	08	OCT	17	192
6597	1949	APRIL	18	OCT	26	191
6597	1950	MAY	01	NOV	07	190
6597	1951	APRIL	22	SEPT	28	159
6597	1952	APRIL	10	OCT	05	178
6597	1953	MAY	13	OCT	06	146
6597	1954	MAY	04	OCT	26	175
6597	1955	MARCH	28	OCT	24	210
6597	AVER	APRIL	12	OCT	25	196

TABLE NO 40

6612 DATE STATION	OF YEAR	PINE RIDGE OCCURRENCE LAST	SOUTH OF SPRING	24 1ST	DAKOTA DEGREES FALL	1933 F DAYS	1955 OR LOWER BETWEEN DATES
6612	1933	APRIL	15		OCT 01		169
6612	1934	APRIL	20		SEPT 26		159
6612	1935	MAY	09		OCT 05		149
6612	1936	APRIL	07		OCT 07		183
6612	1937	APRIL	26		SEPT 25		152
6612	1938	MAY	09				
6612	1939	APRIL	21		OCT 28		090
6612	1940	APRIL	12		NOV 01		203
6612	1941	APRIL	03		OCT 30		210
6612	1942	APRIL	06		SEPT 25		172
6612	1943	MAY	12		SEPT 16		127
6612	1944	MAY	05		OCT 07		155
6612	1945	MAY	03		SEPT 30		150
6612	1946	APRIL	30		OCT 08		061
6612	1947	MAY	29		NOV 01		156
6612	1948	APRIL	13		OCT 08		078
6612	1949				OCT 21		
6612	1950	MAY	01		OCT 24		076
6612	1951	APRIL	23		SEPT 27		157
6612	1952	APRIL	14		OCT 02		071
6612	1953	MAY	13		OCT 23		163
6612	1954	MAY	04		OCT 15		164
6612	1955	APRIL	16		OCT 14		181
6612	AVER	APRIL	25		OCT 10		168

TABLE NO 41

6712 DATE STAT ION	POLLOCH OF YEAR	SOUTH OCCURRENCE LAST	24 OF SPRING	DAKOTA DEGREES 1ST	1920 F FALL	1955 OR DAYS	LOWER BETWEEN DATES
6712	1920	APRIL	27	SEPT	30		156
6712	1921	APRIL	17	OCT	11		177
6712	1922	APRIL	19	OCT	08		172
6712	1923	MAY	09	OCT	13		157
6712	1924	MAY	25	NOV	02		161
6712	1925	MAY	17	OCT	06		142
6712	1926	APRIL	28	SEPT	25		150
6712	1927	APRIL	22	SEPT	27		158
6712	1928	APRIL	27	SEPT	25		051
6712	1929	MAY	16	SEPT	18		125
6712	1930	APRIL	07	SEPT	27		173
6712	1931	MAY	21	OCT	11		143
6712	1932	APRIL	27	SEPT	22		148
6712	1933	APRIL	26	SEPT	26		153
6712	1934	APRIL	25	SEPT	15		143
6712	1935	APRIL	15	SEPT	27		165
6712	1936	APRIL	29	SEPT	27		151
6712	1937	APRIL	09	SEPT	25		069
6712	1938	MAY	08	OCT	22		167
6712	1939	APRIL	21	SEPT	26		158
6712	1940	APRIL	12	SEPT	25		066
6712	1941	MAY	23	OCT	28		158
6712	1942	MAY	14	SEPT	19		128
6712	1943	MAY	13	OCT	16		156
6712	1944	MAY	05	OCT	08		156
6712	1945	MAY	16	SEPT	24		131
6712	1946	MAY	12	OCT	07		148
6712	1947	MAY	29	SEPT	22		116
6712	1948	APRIL	13	OCT	10		180
6712	1949	MAY	07	SEPT	14		130
6712	1950	APRIL	30				
6712	1951	MAY	11	SEPT	28		040
6712	1952	MAY	11	OCT	02		144
6712	1953	MAY	13	SEPT	21		131
6712	1954	MAY	09	OCT	05		149
6712	1955	APRIL	13	SEPT	11		151
6712	AVER	MAY	02	OCT	01		152

TABLE NO 42

6937 DATE OF STATION	1889 YEAR OF OCCURRENCE	1955 LAST SPRING	1ST FALL	1889 24 DEGREES DAYS	1955 FOR LOWER BETWEEN DATES
6937	1889		NOV 02		
6937	1890	APRIL 14	NOV 06		206
6937	1891	MAY 04	OCT 06		155
6937	1892	APRIL 14	OCT 31		200
6937	1893	APRIL 22	OCT 02		063
6937	1894	APRIL 09	OCT 08		182
6937	1895	APRIL 02	OCT 19		200
6937	1896	APRIL 18	OCT 23		088
6937	1897	MARCH 23	NOV 04		226
6937	1898	APRIL 06	OCT 05		182
6937	1899	APRIL 21	NOV 01		194
6937	1900	MARCH 30	NOV 11		226
6937	1901	APRIL 17	NOV 03		200
6937	1902	APRIL 23	OCT 13		173
6937	1903	APRIL 29	NOV 09		194
6937	1904	APRIL 16	SEPT 14		151
6937	1905	APRIL 16	OCT 18		185
6937	1906	APRIL 04	OCT 09		188
6937	1907	MAY 02	OCT 27		178
6937	1908	APRIL 08	OCT 22		197
6937	1909	MAY 01	OCT 11		163
6937	1910	MARCH 10	OCT 28		232
6937	1911	APRIL 13	OCT 21		191
6937	1912	MARCH 31	OCT 22		205
6937	1913	APRIL 04	OCT 26		205
6937	1914	APRIL 11	NOV 07		210
6937	1915	MARCH 31	OCT 08		191
6937	1916	APRIL 08	OCT 18		193
6937	1917	APRIL 04	OCT 08		187
6937	1918	APRIL 05	OCT 27		205
6937	1919	APRIL 10	OCT 09		182
6937	1920	APRIL 12	OCT 24		195
6937	1921	APRIL 17	NOV 08		205
6937	1922	APRIL 19	OCT 14		178
6937	1923	APRIL 24	OCT 28		187
6937	1924	APRIL 27	NOV 05		192
6937	1925	MARCH 27	OCT 06		193
6937	1926	APRIL 07	SEPT 24		170
6937	1927	APRIL 22	SEPT 27		158
6937	1928	APRIL 20	OCT 31		194

TABLE 42 CONT

6937 DATE STAT ION	1889 OF YEAR	1955 OR LOWER DATES	1889 OF YEAR	1955 OR LOWER DATES	1889 OF YEAR	1955 OR LOWER DATES
OF OCCURRENCE OF 24 DEGREES	LAST	SPRING	1ST	FALL	DAYS	BETWEEN
6937	1929	APRIL	12	OCT	30	201
6937	1930	APRIL	01	OCT	15	097
6937	1931	APRIL	26	OCT	30	087
6937	1932	APRIL	26	OCT	09	166
6937	1933	APRIL	13	NOV	03	204
6937	1934	APRIL	06	SEPT	25	172
6937	1935	APRIL	15	OCT	23	191
6937	1936	APRIL	07	OCT	20	196
6937	1937	APRIL	09	NOV	02	207
6937	1938	APRIL	09	OCT	23	197
6937	1939	APRIL	12	NOV	01	203
6937	1940	APRIL	12	NOV	06	208
6937	1941	APRIL	03	OCT	30	210
6937	1942	APRIL	07	SEPT	26	172
6937	1943	MAY	12	OCT	21	162
6937	1944	MAY	05	NOV	15	194
6937	1945	APRIL	18	OCT	23	188
6937	1946	MARCH	22	OCT	07	099
6937	1947	MAY	29	NOV	05	160
6937	1948	APRIL	13	OCT	16	186
6937	1949	APRIL	03	OCT	20	200
6937	1950	MAY	01	NOV	02	085
6937	1951	APRIL	22	OCT	27	188
6937	1952	APRIL	10	OCT	05	178
6937	1953	MAY	12	OCT	26	167
6937	1954	MAY	03	OCT	26	176
6937	1955	APRIL	07	NOV	01	208
6937	AVER	APRIL	14	OCT	21	190

## TABLE NO. 43

7047 DATE STATION	REDFIELD OF OCCURRENCE YEAR	SOUTH DAKOTA OF 24 DEGREES LAST	1898 F DAYS	1955 OR LOWER BETWEEN DATES
		SPRING	1ST FALL	
7047	1898	APRIL 21	SEPT 10	142
7047	1899	APRIL 16	SEPT 29	166
7047	1900	APRIL 18	SEPT 27	162
7047	1901	MAY 12	SEPT 18	129
7047	1902	APRIL 23	SEPT 12	142
7047	1903	MAY 01	SEPT 17	139
7047	1904	APRIL 20	OCT 06	169
7047	1905	APRIL 30	OCT 11	164
7047	1906	APRIL 15	OCT 10	178
7047	1907	MAY 20	SEPT 30	133
7047	1908	MAY 02	OCT 07	158
7047	1909	MAY 03	OCT 12	162
7047	1910	MARCH 07	OCT 21	228
7047	1911	MAY 01	OCT 27	179
7047	1912	APRIL 07	OCT 19	195
7047	1913	APRIL 26	SEPT 22	149
7047	1914	APRIL 19	OCT 26	190
7047	1915	MAY 18	OCT 08	143
7047	1916	MAY 01	OCT 17	069
7047	1917	APRIL 15	OCT 08	176
7047	1918	APRIL 24	OCT 27	186
7047	1919	APRIL 24	OCT 10	169
7047	1920	APRIL 13	OCT 28	198
7047	1921	APRIL 17	NOV 08	205
7047	1922	APRIL 19	OCT 12	176
7047	1923	MAY 12	OCT 13	154
7047	1924	MAY 24	NOV 02	162
7047	1925	MAY 17	OCT 01	137
7047	1926	APRIL 28	SEPT 25	150
7047	1927	APRIL 22	OCT 09	170
7047	1928	APRIL 27	SEPT 25	151
7047	1929	MAY 16	SEPT 18	125
7047	1930	MAY 17	OCT 17	153
7047	1931	MAY 22	NOV 04	166
7047	1932	APRIL 26	OCT 10	167
7047	1933	APRIL 26	OCT 08	165

TABLE 43 CONT

7047 DATE STATION	REDFIELD OF OCCURRENCE YEAR LAST	SOUTH OF SPRING	DAKOTA 24 DEGREES 1ST FALL	1898 S F DAYS	1955 OR LOWER BETWEEN DATES
7047	1934	APRIL 27	SEPT 21		147
7047	1935	APRIL 15	SEPT 27		165
7047	1936	APRIL 22	OCT 13		174
7047	1937	APRIL 05	OCT 13		191
7047	1938	APRIL 08	OCT 23		098
7047	1939	APRIL 14	OCT 28		097
7047	1940	APRIL 18	NOV 07		203
7047	1941	APRIL 03	OCT 27		207
7047	1942	APRIL 11	SEPT 28		070
7047	1943	APRIL 19	NOV 03		198
7047	1944	MAY 04	OCT 19		168
7047	1945	APRIL 18	OCT 09		174
7047	1946	MAY 12	OCT 12		153
7047	1947	APRIL 07	NOV 05		212
7047	1948	APRIL 12	OCT 17		188
7047	1949	APRIL 18	SEPT 28		163
7047	1950	APRIL 30	OCT 04		057
7047	1951	APRIL 23	SEPT 24		154
7047	1952	APRIL 10	OCT 04		077
7047	1953	APRIL 20	OCT 26		189
7047	1954	MAY 05	OCT 31		179
7047	1955	APRIL 07	OCT 17		193
7047	AVER	APRIL 24	OCT 11		170



## TABLE NO 44

7062 DATE STAT ION	REDIG OF YEAR	SOUTH OCCURRENCE LAST	DAKOTA OF SPRING	24 DEGREES 1ST	FALL	1920 FOR DAYS	1955 LOWER BETWEEN DATES
7062	1920	APRIL	26	SEPT	29		156
7062	1921	MAY	15	OCT	11		149
7062	1922	APRIL	19	OCT	08		172
7062	1923	MAY	16	OCT	20		157
7062	1924	APRIL	22	NOV	02		194
7062	1925	MAY	10				
7062	1926	APRIL	25	SEPT	24		152
7062	1927	MAY	10	SEPT	20		033
7062	1928	APRIL	25	SEPT	25		153
7062	1929	MAY	08	SEPT	08		123
7062	1930	APRIL	02	SEPT	26		177
7062	1931	MAY	22	OCT	11		140
7062	1932	APRIL	26	OCT	05		162
7062	1933	APRIL	14	OCT	01		170
7062	1934	MAY	13	SEPT	25		135
7062	1935	APRIL	29	OCT	10		164
7062	1936	APRIL	29	OCT	01		155
7062	1937	APRIL	25	SEPT	25		153
7062	1938	MAY	09	OCT	23		167
7062	1939	APRIL	21	OCT	14		076
7062	1940	APRIL	12	OCT	17		188
7062	1941	APRIL	23	SEPT	28		158
7062	1942	APRIL	08	SEPT	24		169
7062	1943	MAY	12	OCT	15		156
7062	1944	MAY	05	OCT	03		151
7062	1945	MAY	10	SEPT	28		141
7062	1946	MAY	11	OCT	07		149
7062	1947	MAY	30	SEPT	15		108
7062	1948	APRIL	13	OCT	09		079
7062	1949	MAY	24	SEPT	28		127
7062	1950	MAY	07	OCT	02		148
7062	1951	MAY	06	SEPT	28		145
7062	1952	APRIL	22	OCT	02		163
7062	1953	MAY	12	SEPT	21		132
7062	1954	MAY	03	SEPT	21		141
7062	1955	APRIL	24	SEPT	11		140
7062	AVER	MAY	01	OCT	02		154

## TABLE NO 45

7667 DATE STAT ION	OF YEAR	SIOUX OCCURENCE LAST	FALLS OF SPRING	SOUTH OF 1ST	DAKOTA DEGREES FALL	1896 FOR DAYS	1955 LOWER BETWEEN DATES
7667	1896	APRIL	04	OCT	18		097
7667	1897	APRIL	19	OCT	09		173
7667	1898	APRIL	14	OCT	06		175
7667	1899	APRIL	16	SEPT	26		163
7667	1900	APRIL	11	SEPT	17		159
7667	1901	APRIL	07	NOV	09		216
7667	1902	APRIL	23	NOV	06		197
7667	1903	APRIL	30	OCT	26		179
7667	1904	APRIL	19	OCT	25		189
7667	1905	APRIL	18	OCT	27		192
7667	1906	APRIL	04	OCT	09		188
7667	1907	MAY	03	OCT	12		162
7667	1908	MAY	02	OCT	11		162
7667	1909	MAY	02	OCT	12		163
7667	1910	APRIL	23	OCT	28		188
7667	1911	APRIL	14	OCT	27		196
7667	1912	APRIL	06	OCT	22		199
7667	1913	MARCH	28	OCT	20		206
7667	1914	APRIL	12	OCT	27		198
7667	1915	APRIL	12	NOV	14		216
7667	1916	APRIL	09	OCT	17		191
7667	1917	APRIL	15	OCT	08		176
7667	1918	APRIL	25	NOV	01		190
7667	1919	APRIL	24	OCT	10		169
7667	1920	APRIL	12	OCT	28		199
7667	1921	APRIL	10	NOV	08		212
7667	1922	MARCH	31	OCT	17		200
7667	1923	APRIL	07	OCT	20		196
7667	1924	APRIL	02	NOV	01		213
7667	1925	MARCH	22	OCT	18		210
7667	1926	APRIL	14	OCT	24		193
7667	1927	APRIL	22	NOV	05		197
7667	1928	APRIL	24	OCT	29		188
7667	1929	APRIL	12	NOV	06		208
7667	1930	APRIL	24	OCT	17		176
7667	1931	APRIL	27	NOV	21		208
7667	1932	APRIL	12	OCT	29		200
7667	1933	APRIL	14	OCT	21		190
7667	1934	APRIL	27	NOV	01		188
7667	1935	APRIL	15	OCT	04		172

TABLE 45 CONT

7667 DATE STAT ION	OF YEAR	SIOUX FALLS OCCURRENCE LAST	SOUTH OF SPRING	24 1ST	DAKOTA DEGREES FALL	1896 DAYS	1955 OR LOWER BETWEEN DATES
7667	1936	APRIL	21	OCT	21		183
7667	1937	APRIL	05	OCT	14		192
7667	1938	APRIL	08	OCT	23		198
7667	1939	APRIL	12	OCT	28		199
7667	1940	APRIL	12	NOV	10		212
7667	1941	MARCH	28	OCT	27		213
7667	1942	APRIL	11	OCT	25		197
7667	1943	APRIL	19	OCT	15		179
7667	1944	MAY	05	NOV	03		182
7667	1945	APRIL	05	NOV	03		212
7667	1946	MAY	12	OCT	12		153
7667	1947	APRIL	20	NOV	08		202
7667	1948	APRIL	08	OCT	16		191
7667	1949	APRIL	03	OCT	24		204
7667	1950	MAY	01	NOV	03		086
7667	1951	APRIL	16	SEPT	28		165
7667	1952	APRIL	10	OCT	04		177
7667	1953	APRIL	20	NOV	04		198
7667	1954	MAY	05	OCT	30		178
7667	1955	APRIL	07	OCT	23		199
7667	AVER	APRIL	15	OCT	23		190

TABLE NO 46

7742 DATE STAT ION	7742 OF YEAR	7742 SISSETON OCCURRENCE LAST	7742 SOUTH OF 24 SPRING	7742 DAKOTA DEGREES 1ST	7742 1931 F FALL	7742 1955 OR BETWEEN DATES
7742	1932	APRIL	26	OCT	10	167
7742	1933	APRIL	27	OCT	12	168
7742	1934	APRIL	27	SEPT	21	147
7742	1935	APRIL	16	SEPT	27	164
7742	1936	APRIL	22	OCT	03	164
7742	1937	APRIL	05	OCT	12	190
7742	1938	APRIL	23	OCT	23	183
7742	1939	APRIL	13	SEPT	29	169
7742	1940	APRIL	13	NOV	06	207
7742	1941	APRIL	03	OCT	27	207
7742	1942	APRIL	08	SEPT	27	172
7742	1943	APRIL	19	OCT	15	179
7742	1944	APRIL	16	OCT	19	186
7742	1945	APRIL	18	OCT	31	196
7742	1946	MAY	12	OCT	12	153
7742	1947	APRIL	19	SEPT	22	156
7742	1948	APRIL	09	OCT	17	091
7742	1949	APRIL	24	OCT	31	190
7742	1950			NOV	03	
7742	1951	APRIL	16	OCT	19	186
7742	1952	APRIL	10	OCT	05	178
7742	1953	APRIL	20	OCT	31	194
7742	1954	APRIL	08			
7742	1955	MAY	08	OCT	21	166
7742	AVER	APRIL	18	OCT	14	178

TABLE NO 47

7882 DATE STAT ION	1897 OF YEAR	SPEARFISH OCCURRENCE LAST	SOUTH OF SPRING	24 1ST	DAKOTA DEGREES FALL	1897 S DAYS	1955 OR BETWEEN DATES
7882	1897	MARCH	23	OCT	27		218
7882	1898	APRIL	09	OCT	05		179
7882	1899	APRIL	18	NOV	01		197
7882	1900	MARCH	30	NOV	08		223
7882	1901	APRIL	17	NOV	04		201
7882	1902	APRIL	23	NOV	05		196
7882	1903	APRIL	30	NOV	05		189
7882	1904	APRIL	18	NOV	11		207
7882	1905	APRIL	16	OCT	18		185
7882	1906	APRIL	12	OCT	21		192
7882	1907	MAY	02	OCT	18		169
7882	1908	MAY	21	OCT	22		054
7882	1909	MAY	01	OCT	11		163
7882	1910	APRIL	15	OCT	20		188
7882	1911	APRIL	13	OCT	25		195
7882	1912	APRIL	16	OCT	28		195
7882	1913	APRIL	04	OCT	19		098
7882	1914	APRIL	11	NOV	15		218
7882	1915	APRIL	02	OCT	08		189
7882	1916	APRIL	30	OCT	05		158
7882	1917	APRIL	30	OCT	12		165
7882	1918	APRIL	20	NOV	07		201
7882	1919	APRIL	10	OCT	09		182
7882	1920	MAY	16	OCT	30		167
7882	1921	APRIL	16	NOV	08		206
7882	1922	APRIL	19	OCT	14		178
7882	1923	APRIL	08	OCT	25		200
7882	1924	APRIL	27	NOV	02		189
7882	1925	APRIL	30	OCT	06		159
7882	1926	APRIL	14	SEPT	24		163
7882	1927	APRIL	22	NOV	10		202
7882	1928	APRIL	23	OCT	30		190
7882	1929	MAY	08	OCT	29		174
7882	1930	APRIL	01	OCT	16		098
7882	1931	APRIL	26	OCT	30		187
7882	1932	APRIL	26	OCT	10		167
7882	1933	APRIL	06	OCT	09		186
7882	1934	APRIL	05	SEPT	25		173
7882	1935	APRIL	15	OCT	22		190
7882	1936	APRIL	07	NOV	01		208

TABLE 47 CONT

7882 DATE OF STATION	SPEARFISH OF OCCURRENCE	SOUTH OF 24	DAKOTA DEGREES	1897 S F	1955 OR LOWER DAYS BETWEEN DATES
ION	YEAR	LAST	SPRING	1ST	FALL
7882	1937			OCT	14
7882	1938	APRIL	09	OCT	23
7882	1939	APRIL	21	OCT	23
7882	1940	APRIL	14	NOV	02
7882	1941	APRIL	19	SEPT	28
7882	1942	APRIL	08	SEPT	25
7882	1943	MAY	12	OCT	21
7882	1944	MAY	05	NOV	02
7882	1945	MAY	08	SEPT	28
7882	1946	MARCH	23	OCT	07
7882	1947	MAY	29		
7882	1948			OCT	11
7882	1949			OCT	19
7882	1950	MAY	01	OCT	03
7882	1951	APRIL	22	SEPT	27
7882	1952	APRIL	10	OCT	05
7882	1953	MAY	13	NOV	19
7882	1954	MAY	03	OCT	27
7882	1955	APRIL	07	OCT	23
7882	AVER	APRIL	20	OCT	20

TABLE NO 48

8307 DATE STATION	TIMBER OF OCCURRENCE YEAR	LAKESOUTH OF LAST	DAKOTA 24 DEGREES SPRING	1926 1ST FALL	1955 FOR LOWER DAYS BETWEEN DATES
8307	1926	APRIL	14	SEPT 23	162
8307	1927	APRIL	23	OCT 13	173
8307	1928	APRIL	29	SEPT 25	149
8307	1929	MAY	06	NOV 04	182
8307	1930	MAY	17	OCT 16	152
8307	1931	MAY	21	OCT 11	043
8307	1932	APRIL	26	OCT 20	177
8307	1933	APRIL	14	OCT 08	177
8307	1934				
8307	1935	APRIL	15	OCT 04	172
8307	1936	APRIL	29		
8307	1937	APRIL	08	OCT 13	188
8307	1938	MAY	07	OCT 22	168
8307	1939	APRIL	18	SEPT 29	064
8307	1940	APRIL	12	OCT 17	188
8307	1941	APRIL	21	SEPT 28	160
8307	1942	APRIL	11	SEPT 24	166
8307	1943	MAY	12	OCT 21	162
8307	1944	MAY	05	OCT 10	158
8307	1945	MAY	10	SEPT 28	141
8307	1946	MAY	12	OCT 08	149
8307	1947	MAY	29	NOV 05	160
8307	1948	APRIL	14	OCT 10	179
8307	1949	APRIL	19	OCT 21	185
8307	1950	MAY	01	OCT 04	156
8307	1951	APRIL	23	SEPT 28	158
8307	1952	APRIL	10	OCT 04	177
8307	1953	APRIL	20	OCT 26	189
8307	1954	MAY	04	OCT 27	176
8307	1955	APRIL	07	OCT 10	186
8307	AVER	APRIL	26	OCT 11	168

TABLE NO 49

8472 DATE STATION	TYNDALL OF OCCURRENCE YEAR	LAST	SOUTH OF SPRING	24 1ST	DAKOTA DEGREES FALL	1911 FOR DAYS	1955 LOWER BETWEEN DATES
8472	1911	MAY	01	OCT	27		179
8472	1912	APRIL	07	OCT	22		198
8472	1913	MARCH	28	OCT	18		204
8472	1914	APRIL	11	OCT	25		197
8472	1915	APRIL	02	NOV	12		224
8472	1916	APRIL	09	OCT	10		084
8472	1917	APRIL	08	OCT	08		183
8472	1918	APRIL	24	SEPT	20		149
8472	1919	APRIL	24	OCT	10		169
8472	1920	APRIL	13	SEPT	30		170
8472	1921	APRIL	17	NOV	01		198
8472	1922	APRIL	19	OCT	12		176
8472	1923	APRIL	08	OCT	21		196
8472	1924	APRIL	02	NOV	02		214
8472	1925	MAY	06				
8472	1926	APRIL	28	SEPT	25		150
8472	1927			OCT	31		
8472	1928	APRIL	27	NOV	02		189
8472	1929	APRIL	02	NOV	06		218
8472	1930	APRIL	01	OCT	18		200
8472	1931	MAY	21	NOV	10		173
8472	1932	APRIL	27	NOV	09		196
8472	1933	APRIL	14	OCT	22		191
8472	1934	APRIL	16	OCT	28		195
8472	1935	APRIL	15	OCT	04		172
8472	1936	APRIL	21	OCT	21		083
8472	1937	APRIL	11	OCT	14		086
8472	1938	APRIL	09	OCT	23		197
8472	1939	APRIL	12	OCT	14		185
8472	1940	APRIL	12	NOV	07		209
8472	1941	MARCH	28	OCT	27		213
8472	1942	APRIL	11	SEPT	24		066
8472	1943	APRIL	19	NOV	07		202
8472	1944	APRIL	05	NOV	03		212
8472	1945	APRIL	18	SEPT	29		164
8472	1946	MAY	11	OCT	12		154
8472	1947	APRIL	16	NOV	07		205
8472	1948	APRIL	08	OCT	16		191
8472	1949	APRIL	02	OCT	30		211
8472	1950	APRIL	27	NOV	04		091
8472	1951	APRIL	16	OCT	22		189
8472	1952	APRIL	10	OCT	05		178
8472	1953	APRIL	20	NOV	04		198
8472	1954	APRIL	08	OCT	31		206
8472	1955	APRIL	07	OCT	24		200
8472	AVER	APRIL	15	OCT	22		190



## TABLE NO 50

8552 DATE STAT ION	VALE OF OCCURRENCE YEAR	LAST	SPRING	SOUTH OF 24	DAKOTA DEGREES	1920 1ST FALL	1955 OR LOWER BETWEEN DATES
8552	1920	APRIL	27	SEPT	29	155	
8552	1921	MAY	15	OCT	11	149	
8552	1922	APRIL	19	OCT	08	072	
8552	1923	APRIL	26	OCT	13	170	
8552	1924	APRIL	20	NOV	06	200	
8552	1925	MAY	01	OCT	18	170	
8552	1926	APRIL	28	SEPT	24	149	
8552	1927	APRIL	24	SEPT	27	149	
8552	1928	APRIL	24	SEPT	25	154	
8552	1929	MAY	08	OCT	12	157	
8552	1930	APRIL	03	OCT	16	196	
8552	1931	MAY	21	OCT	31	063	
8552	1932	APRIL	26	OCT	05	162	
8552	1933	APRIL	14	SEPT	26	165	
8552	1934	APRIL	20	SEPT	21	154	
8552	1935	MAY	04	OCT	11	160	
8552	1936	MAY	02	OCT	21	172	
8552	1937	APRIL	26	SEPT	25	152	
8552	1938	APRIL	21	OCT	23	185	
8552	1939	APRIL	21	OCT	28	190	
8552	1940	MAY	01	NOV	02	085	
8552	1941	MARCH	29	OCT	29	214	
8552	1942	APRIL	07	SEPT	26	172	
8552	1943	MAY	12	OCT	15	156	
8552	1944	MAY	05	NOV	04	183	
8552	1945	MAY	08	SEPT	29	144	
8552	1946	MARCH	18	OCT	08	204	
8552	1947	MAY	29	OCT	26	150	
8552	1948	APRIL	13	OCT	09	179	
8552	1949	APRIL	13	OCT	14	184	
8552	1950	MAY	01	OCT	04	056	
8552	1951	APRIL	22	SEPT	28	159	
8552	1952	APRIL	12	OCT	05	176	
8552	1953	MAY	12	OCT	23	164	
8552	1954	MAY	08	OCT	15	160	
8552	1955	APRIL	08	OCT	07	182	
8552	AVER	APRIL	25	OCT	11	169	

## TABLE NO 51

8622 DATE STATION	OF YEAR	VERMILLION OCCURRENCE LAST	SOUTH OF SPRING	24 1ST	DAKOTA DEGREES FALL	1901 S F DAYS	1955 OR LOWER BETWEEN DATES
8622	1901	MARCH	31		NOV 03		217
8622	1902	APRIL	23		OCT 28		188
8622	1903	APRIL	30				
8622	1904	APRIL	12		OCT 27		198
8622	1905	APRIL	17		OCT 20		186
8622	1906						
8622	1907	MAY	10		OCT 12		055
8622	1908	APRIL	15		OCT 11		178
8622	1909	MAY	01		OCT 13		165
8622	1910	APRIL	23		OCT 28		188
8622	1911	APRIL	06		OCT 27		204
8622	1912	MARCH	26		OCT 22		210
8622	1913	MARCH	28		OCT 20		206
8622	1914	APRIL	15		OCT 27		195
8622	1915	MAY	18		NOV 14		180
8622	1916	APRIL	06		OCT 20		197
8622	1917	APRIL	08		OCT 08		183
8622	1918	APRIL	09		NOV 01		206
8622	1919	APRIL	24		OCT 10		169
8622	1920	APRIL	13		OCT 28		198
8622	1921	APRIL	17		NOV 09		206
8622	1922	MARCH	29		OCT 17		202
8622	1923	APRIL	08		OCT 20		195
8622	1924	APRIL	17		NOV 07		198
8622	1925	MARCH	21		OCT 09		202
8622	1926	APRIL	14		SEPT 25		164
8622	1927	APRIL	22		NOV 06		198
8622	1928	APRIL	19				
8622	1929	APRIL	01		NOV 08		214
8622	1930	MARCH	28		OCT 18		204
8622	1931	MARCH	30		NOV 21		236
8622	1932	MARCH	30		NOV 09		224
8622	1933	APRIL	14		OCT 25		194
8622	1934	MARCH	31		OCT 29		212
8622	1935	APRIL	16		OCT 04		171
8622	1936	APRIL	21		OCT 21		183
8622	1937	APRIL	05		OCT 14		192
8622	1938	APRIL	08		OCT 23		198
8622	1939	APRIL	12		OCT 14		185
8622	1940	APRIL	12		NOV 11		213

TABLE 51 CONT

8622 DATE OF STATION	VERMILLION YEAR	SOUTH LAST	DAKOTA SPRING	1901 1ST	1955 FALL	24 DEGREES DAYS	FOR LOWER BETWEEN DATES
8622	1941	MARCH	18	OCT	27		223
8622	1942	APRIL	11	OCT	25		097
8622	1943	APRIL	19	NOV	08		203
8622	1944	APRIL	05	NOV	04		213
8622	1945	APRIL	05	OCT	22		200
8622	1946	MAY	11	OCT	12		154
8622	1947	APRIL	16	NOV	08		206
8622	1948	APRIL	02	OCT	17		198
8622	1949	MARCH	18	OCT	31		227
8622	1950	APRIL	14	NOV	09		209
8622	1951	APRIL	15	OCT	27		195
8622	1952	APRIL	10				
8622	1953	APRIL	18	NOV	05		201
8622	1954	APRIL	04	NOV	01		211
8622	1955	MARCH	28	NOV	03		220
8622	AVER	APRIL	11	OCT	25		197

TABLE NO 52

8727 DATE STATION	VIVIAN OF OCCURRENCE YEAR	SOUTH OF LAST	DAKOTA 24 SPRING	1920 DEGREES 1ST	1955 FOR LOWER FALL DATES	DAYS BETWEEN
8727	1920	APRIL	13	SEPT	30	170
8727	1921	MAY	02	OCT	11	162
8727	1922	APRIL	19	OCT	08	172
8727	1923	MAY	09	OCT	20	164
8727	1924	MAY	24	OCT	11	140
8727	1925	MAY	17	OCT	17	153
8727	1926	APRIL	28	SEPT	25	150
8727	1927	APRIL	22	NOV	12	204
8727	1928	APRIL	27	SEPT	27	153
8727	1929	MAY	05	NOV	04	183
8727	1930	APRIL	07	OCT	16	192
8727	1931	MAY	21	OCT	31	163
8727	1932	APRIL	14	OCT	09	178
8727	1933	APRIL	15	OCT	08	176
8727	1934	APRIL	27	OCT	25	181
8727	1935	APRIL	15	SEPT	27	165
8727	1936	APRIL	29	OCT	21	175
8727	1937	APRIL	11	OCT	07	079
8727	1938	APRIL	09	SEPT	19	163
8727	1939	APRIL	19	OCT	28	192
8727	1940	APRIL	12	OCT	17	188
8727	1941	APRIL	21	OCT	28	190
8727	1942	APRIL	11	SEPT	26	068
8727	1943	MAY	13	OCT	21	161
8727	1944	MAY	05	OCT	10	158
8727	1945	MAY	08	OCT	22	167
8727	1946	MARCH	26	OCT	08	196
8727	1947	MAY	29	OCT	28	152
8727	1948	APRIL	12	OCT	17	188
8727	1949	APRIL	18	SEPT	28	163
8727	1950	MAY	01	OCT	04	156
8727	1951	APRIL	19	OCT	22	186
8727	1952	APRIL	10	OCT	05	078
8727	1953	APRIL	17	OCT	06	172
8727	1954	MAY	03	OCT	06	156
8727	1955	APRIL	07	OCT	14	190
8727	AVER	APRIL	24	OCT	13	172

## TABLE NO 53

8932 DATE STAT ION	1896 WATERTOWN OF OCCURRENCE YEAR LAST	1955 SOUTH DAKOTA OF 24 DEGREES SPRING	1896 1ST FALL	1955 OR LOWER DAYS BETWEEN DATES
8932	1896	APRIL 21	SEPT 01	033
8932	1897	MAY 31	OCT 09	131
8932	1898	APRIL 26	OCT 05	162
8932	1899	APRIL 21	SEPT 26	158
8932	1900	MAY 03	SEPT 17	137
8932	1901			
8932	1902	APRIL 23	SEPT 12	142
8932	1903	APRIL 30	OCT 23	176
8932	1904	APRIL 18	OCT 06	171
8932	1905	APRIL 30	OCT 22	175
8932	1906	APRIL 06	OCT 10	187
8932	1907	MAY 10	SEPT 30	143
8932	1908	MAY 02	SEPT 29	150
8932	1909	MAY 03	OCT 12	162
8932	1910	APRIL 23	OCT 28	128
8932	1911	MAY 03	OCT 27	177
8932	1912	APRIL 08	SEPT 27	172
8932	1913	APRIL 05	SEPT 22	170
8932	1914	APRIL 19	OCT 26	190
8932	1915	APRIL 12	OCT 08	179
8932	1916	MAY 01	OCT 10	162
8932	1917	APRIL 15	OCT 08	176
8932	1918	APRIL 25	SEPT 19	147
8932	1919	APRIL 25	OCT 10	168
8932	1920	APRIL 28	SEPT 30	155
8932	1921	MAY 03	NOV 06	187
8932	1922	APRIL 19	OCT 12	176
8932	1923	MAY 12	OCT 19	160
8932	1924	APRIL 10	NOV 02	206
8932	1925	MAY 17	OCT 09	145
8932	1926	MAY 03	SEPT 25	145
8932	1927	APRIL 22	OCT 09	170
8932	1928	APRIL 27	SEPT 25	151
8932	1929	MAY 16	SEPT 18	125
8932	1930	MAY 17	SEPT 28	134
8932	1931	MAY 22	NOV 05	167
8932	1932	APRIL 12	OCT 10	181
8932	1933	APRIL 26	OCT 12	169
8932	1934	APRIL 27	SEPT 21	147
8932	1935	APRIL 16	SEPT 27	164

TABLE 53 CONT

8932 DATE STATION	WATERTOWN OF OCCURRENCE YEAR LAST	SOUTH OF SPRING	24 1ST	DAKOTA DEGREES FALL	1896 S F DAYS	1955 OR BETWEEN DATES
8932	1936	APRIL	22	OCT	21	182
8932	1937	APRIL	06	OCT	12	189
8932	1938	APRIL	09	OCT	23	097
8932	1939	APRIL	21	SEPT	29	061
8932	1940	APRIL	18	OCT	15	180
8932	1941	APRIL	03	OCT	27	207
8932	1942	APRIL	11	SEPT	24	166
8932	1943	APRIL	19	OCT	16	181
8932	1944	MAY	05	OCT	19	167
8932	1945	APRIL	30	OCT	09	162
8932	1946	MAY	12	OCT	12	153
8932	1947	APRIL	19	NOV	07	202
8932	1948	APRIL	12	OCT	17	188
8932	1949	APRIL	24	SEPT	28	157
8932	1950	APRIL	26	NOV	02	090
8932	1951	APRIL	22	SEPT	28	159
8932	1952	APRIL	10	OCT	04	177
8932	1953	APRIL	20	OCT	31	194
8932	1954	MAY	03	OCT	30	180
8932	1955	MARCH	28	OCT	14	200
8932	AVER	APRIL	24	OCT	09	168

TABLE NO 54						
9042	WENTWORTH	SOUTH	DAKOTA	1896	1955	
DATE OF OCCURRENCE	OF	OF	24 DEGREES	F	OR LOWER	
STATION	YEAR	LAST	SPRING	1ST	FALL	DAYS BETWEEN DATES
9042	1896	APRIL	05	OCT	17	195
9042	1897	APRIL	19	OCT	09	173
9042	1898	APRIL	10	OCT	25	198
9042	1899	APRIL	07	SEPT	29	175
9042	1900	APRIL	11	NOV	07	210
9042	1901	APRIL	18	NOV	03	199
9042	1902	APRIL	23	NOV	06	197
9042	1903	APRIL	30	OCT	26	179
9042	1904	APRIL	20	OCT	06	169
9042	1905	APRIL	17	OCT	27	193
9042	1906	APRIL	04	OCT	10	189
9042	1907	MAY	03	OCT	12	162
9042	1908	MAY	02	OCT	11	162
9042	1909	MAY	03	OCT	13	163
9042	1910	APRIL	23	OCT	28	188
9042	1911	APRIL	14	OCT	27	196
9042	1912	MARCH	31	OCT	22	205
9042	1913	MARCH	28	OCT	17	203
9042	1914	APRIL	11	OCT	27	199
9042	1915	APRIL	03	NOV	12	223
9042	1916	APRIL	08	OCT	17	092
9042	1917	APRIL	15	OCT	08	176
9042	1918	APRIL	23	SEPT	20	150
9042	1919	APRIL	24	OCT	10	169
9042	1920	APRIL	27	OCT	27	183
9042	1921	APRIL	17	NOV	05	202
9042	1922	APRIL	18	OCT	12	177
9042	1923	APRIL	09	OCT	20	194
9042	1924	APRIL	20	NOV	02	196
9042	1925	MAY	06	OCT	09	156
9042	1926	MAY	03	SEPT	25	145
9042	1927	APRIL	24			
9042	1928	APRIL	27	OCT	22	178
9042	1929	MAY	02	OCT	23	174
9042	1930	MAY	18			
9042	1931	MAY	22			
9042	1932	APRIL	11	OCT	12	184
9042	1933	APRIL	26	OCT	12	169
9042	1934			OCT	29	
9042	1935	APRIL	16			

TABLE 54 CONT

9042 DATE STATION	WENTWORTH OF OCCURRENCE YEAR	SOUTH OF LAST	DAKOTA 24 DEGREES SPRING	1896 1ST FALL	1955 OR LOWER DAYS BETWEEN DATES	
9042	1936	APRIL	22	OCT	21	182
9042	1937	APRIL	06	OCT	13	190
9042	1938	APRIL	09			
9042	1939	APRIL	12	SEPT	26	167
9042	1940	APRIL	12	NOV	07	209
9042	1941	MARCH	28	OCT	27	213
9042	1942	APRIL	11	SEPT	24	166
9042	1943	APRIL	14	OCT	15	184
9042	1944	MAY	05	NOV	03	182
9042	1945	APRIL	18	SEPT	29	164
9042	1946	MAY	12	OCT	12	153
9042	1947	APRIL	07	NOV	07	214
9042	1948	APRIL	08	OCT	17	192
9042	1949	APRIL	18	OCT	31	196
9042	1950	APRIL	28	OCT	04	159
9042	1951	APRIL	22	SEPT	28	159
9042	1952	APRIL	10	OCT	05	178
9042	1953	APRIL	20	OCT	26	189
9042	1954	MAY	03	OCT	31	181
9042	1955	MARCH	28	OCT	24	210
9042	AVER	APRIL	18	OCT	18	183



TABLE NO 55

9232 DATE STATION	OF YEAR	WHITE OCCURRENCE LAST	LAKE OF SPRING	SOUTH 24 1ST	DAKOTA DEGREES FALL	1920 S DAYS	1955 OR BETWEEN DATES
9232	1920	APRIL	12	OCT	28		199
9232	1921	APRIL	09	NOV	05		210
9232	1922	APRIL	19	OCT	17		181
9232	1923	APRIL	08	OCT	20		195
9232	1924	APRIL	17	NOV	02		199
9232	1925	MARCH	22	OCT	09		201
9232	1926	APRIL	14	SEPT	25		164
9232	1927	APRIL	22	NOV	05		197
9232	1928	APRIL	24	SEPT	25		154
9232	1929	APRIL	12	OCT	23		194
9232	1930	APRIL	01	OCT	17		199
9232	1931	MAY	21	NOV	05		168
9232	1932	APRIL	12	OCT	25		196
9232	1933	APRIL	14	OCT	12		181
9232	1934	APRIL	24	OCT	29		188
9232	1935	APRIL	15	OCT	04		172
9232	1936	APRIL	25	OCT	21		179
9232	1937	APRIL	05	OCT	13		191
9232	1938	APRIL	08	OCT	23		198
9232	1939	APRIL	12	OCT	28		099
9232	1940	APRIL	12	NOV	07		209
9232	1941	APRIL	03	OCT	27		207
9232	1942	APRIL	11	SEPT	24		066
9232	1943	MAY	07	NOV	02		179
9232	1944	APRIL	03	NOV	03		214
9232	1945	MAY	08	OCT	08		153
9232	1946	MAY	12	OCT	12		153
9232	1947	APRIL	09	NOV	07		212
9232	1948	APRIL	08				
9232	1949			OCT	20		
9232	1950	APRIL	28	OCT	04		059
9232	1951			SEPT	28		
9232	1952	APRIL	10	OCT	05		078
9232	1953	APRIL	20	OCT	26		189
9232	1954	MAY	03	NOV	01		182
9232	1955	MARCH	28	OCT	17		203
9232	AVER	APRIL	16	OCT	20		187

## TABLE NO 56

9367 DATE STAT ION	WINNER OF YEAR	SOUTH OF LAST	DAKOTA OF SPRING	1925 24 1ST	1955 DEGREES FALL	1925 S F DAYS	1955 OR LOWER BETWEEN DATES
9367	1925	MARCH	27	OCT	17		204
9367	1926	APRIL	07	OCT	24		200
9367	1927	APRIL	22	OCT	09		170
9367	1928	APRIL	24	SEPT	27		156
9367	1929	APRIL	01				
9367	1930			OCT	16		
9367	1931	MAY	21	OCT	31		063
9367	1932	MARCH	30	OCT	10		194
9367	1933	APRIL	14	OCT	08		177
9367	1934	APRIL	24	OCT	29		188
9367	1935	APRIL	15	SEPT	27		165
9367	1936	APRIL	21	OCT	13		075
9367	1937			OCT	14		
9367	1938	APRIL	08	OCT	23		198
9367	1939	APRIL	13	NOV	01		202
9367	1940	APRIL	12	NOV	07		209
9367	1941	MARCH	28	OCT	27		213
9367	1942	APRIL	11	SEPT	26		068
9367	1943	MAY	12	NOV	02		174
9367	1944	MAY	05	OCT	10		158
9367	1945	MAY	08	OCT	23		168
9367	1946	MARCH	10	OCT	12		216
9367	1947	APRIL	19	NOV	06		201
9367	1948	APRIL	08	OCT	17		092
9367	1949	APRIL	17	OCT	31		197
9367	1950	MAY	01	NOV	03		086
9367	1951	APRIL	22	OCT	22		183
9367	1952	APRIL	14	OCT	05		174
9367	1953	APRIL	18	NOV	08		204
9367	1954	MAY	03	OCT	27		177
9367	1955	MARCH	27	OCT	17		204
9367	AVER	APRIL	16	OCT	19		186

## TABLE NO 57

9442 DATE STATION	WOOD OF OCCURRENCE YEAR LAST	SOUTH OF 24 DEGREES SPRING	DAKOTA 1ST FALL	1920 FOR LOWER DAYS BETWEEN	1955 DATES
9442	1920	APRIL	26		
9442	1921	MAY	02	OCT	11
9442	1922	APRIL	19	OCT	14
9442	1923	MAY	09	OCT	20
9442	1924	APRIL	10	NOV	06
9442	1925	MAY	06	SEPT	22
9442	1926	APRIL	27	SEPT	25
9442	1927	APRIL	22	OCT	09
9442	1928	APRIL	27	SEPT	27
9442	1929	MAY	05	OCT	30
9442	1930	APRIL	07	OCT	16
9442	1931	MAY	21	OCT	30
9442	1932	APRIL	26	OCT	09
9442	1933	APRIL	14	OCT	08
9442	1934	APRIL	24	OCT	29
9442	1935	APRIL	15	SEPT	27
9442	1936	APRIL	21	OCT	21
9442	1937	APRIL	27	OCT	07
9442	1938	APRIL	09	OCT	23
9442	1939	APRIL	12	OCT	27
9442	1940	MAY	15	NOV	07
9442	1941	APRIL	03	OCT	28
9442	1942	APRIL	11	SEPT	24
9442	1943	MAY	13	NOV	02
9442	1944	MAY	05	OCT	19
9442	1945	MAY	08		
9442	1946	MAY	11	OCT	11
9442	1947	APRIL	19	NOV	05
9442	1948	APRIL	12	OCT	17
9442	1949	APRIL	18	OCT	21
9442	1950	MAY	01	OCT	04
9442	1951	APRIL	22	SEPT	28
9442	1952	APRIL	10	OCT	05
9442	1953	MAY	13	OCT	06
9442	1954	MAY	03	OCT	06
9442	1955			OCT	30
9442	AVER	APRIL	25	OCT	15
					173

## TABLE NO 58

9502 DATE STATION	YANKTON OF OCCURRENCE YEAR LAST	SOUTH OF SPRING	DAKOTA OF 24 1ST	1881 DEGREES FALL	1955 OR LOWER DAYS BETWEEN DATES
9502	1881			OCT 20	.
9502	1882	MARCH 24		NOV 12	233
9502	1883	MARCH 29		OCT 20	205
9502	1884	MARCH 17		NOV 04	232
9502	1885	APRIL 08		NOV 02	208
9502	1886	APRIL 05		OCT 26	204
9502	1887	APRIL 04		OCT 24	203
9502	1888	APRIL 19		OCT 28	192
9502	1889	MARCH 29		OCT 20	205
9502	1890	APRIL 01		OCT 26	208
9502	1891	APRIL 04		NOV 01	211
9502	1892	APRIL 09		OCT 23	197
9502	1893	APRIL 14		OCT 15	184
9502	1894	APRIL 01		NOV 09	222
9502	1895	MARCH 20		OCT 08	202
9502	1896	APRIL 03		OCT 20	200
9502	1897	APRIL 19		NOV 05	200
9502	1898	APRIL 06		OCT 26	203
9502	1899	APRIL 06		SEPT 29	176
9502	1900	MARCH 21		NOV 07	226
9502	1901	MARCH 31		NOV 03	217
9502	1902	APRIL 07		NOV 10	217
9502	1903	APRIL 30		NOV 05	189
9502	1904	APRIL 16		OCT 27	194
9502	1905	APRIL 17		NOV 01	198
9502	1906	MARCH 23		OCT 10	201
9502	1907	APRIL 19		OCT 12	176
9502	1908	APRIL 02		NOV 09	221
9502	1909	MAY 01		OCT 12	164
9502	1910	APRIL 17		OCT 28	194
9502	1911	APRIL 06		OCT 27	204
9502	1912	MARCH 31		NOV 01	215
9502	1913	MARCH 27		OCT 19	206
9502	1914	APRIL 11		OCT 27	099
9502	1915	APRIL 01		NOV 13	226
9502	1916	APRIL 06		OCT 19	196
9502	1917	MARCH 18		OCT 08	204
9502	1918	APRIL 08		OCT 28	203
9502	1919	MARCH 21		OCT 10	203

TABLE 58 CONT

9502 DATE STATION	YANKTON OF YEAR	OF OCCURRENCE LAST	SOUTH OF SPRING	DAKOTA 24 1ST	DEGREES FALL	1881 DAYS	1955 OR LOWER BETWEEN DATES
9502	1920	APRIL	06	OCT	28		205
9502	1921	APRIL	10	NOV	08		212
9502	1922	MARCH	28	OCT	17		203
9502	1923	APRIL	08	OCT	21		196
9502	1924	APRIL	02	NOV	06		218
9502	1925	MARCH	21	OCT	20		213
9502	1926	APRIL	08	OCT	24		199
9502	1927	APRIL	21	NOV	05		198
9502	1928	APRIL	19	NOV	02		197
9502	1929	APRIL	01	NOV	06		213
9502	1930	APRIL	06	OCT	14		191
9502	1930	APRIL	01	OCT	19		201
9502	1931	MARCH	30	NOV	21		236
9502	1932	MARCH	30	NOV	10		225
9502	1933	MARCH	23	NOV	03		225
9502	1934	MARCH	31	OCT	30		213
9502	1935	APRIL	16	OCT	10		177
9502	1936	APRIL	22	OCT	21		182
9502	1937	APRIL	06	OCT	14		191
9502	1938	APRIL	09	OCT	23		197
9502	1939	APRIL	13	OCT	28		198
9502	1940	APRIL	13	NOV	11		212
9502	1941	MARCH	19	OCT	27		222
9502	1942	APRIL	12	OCT	25		196
9502	1943	APRIL	19	OCT	28		192
9502	1944	MAY	06	NOV	04		182
9502	1945	APRIL	06	SEPT	29		176
9502	1946	MAY	11	OCT	12		154
9502	1947	APRIL	20	NOV	08		202
9502	1948	APRIL	03	OCT	17		197
9502	1949	APRIL	03	OCT	31		211
9502	1950	APRIL	26	NOV	09		097
9502	1951	APRIL	16	OCT	27		194
9502	1952	APRIL	12	OCT	07		178
9502	1953	APRIL	20	NOV	04		198
9502	1954	APRIL	08	OCT	31		206
9502	1955	APRIL	07	NOV	03		210
9502	AVER	APRIL	07	OCT	26		202