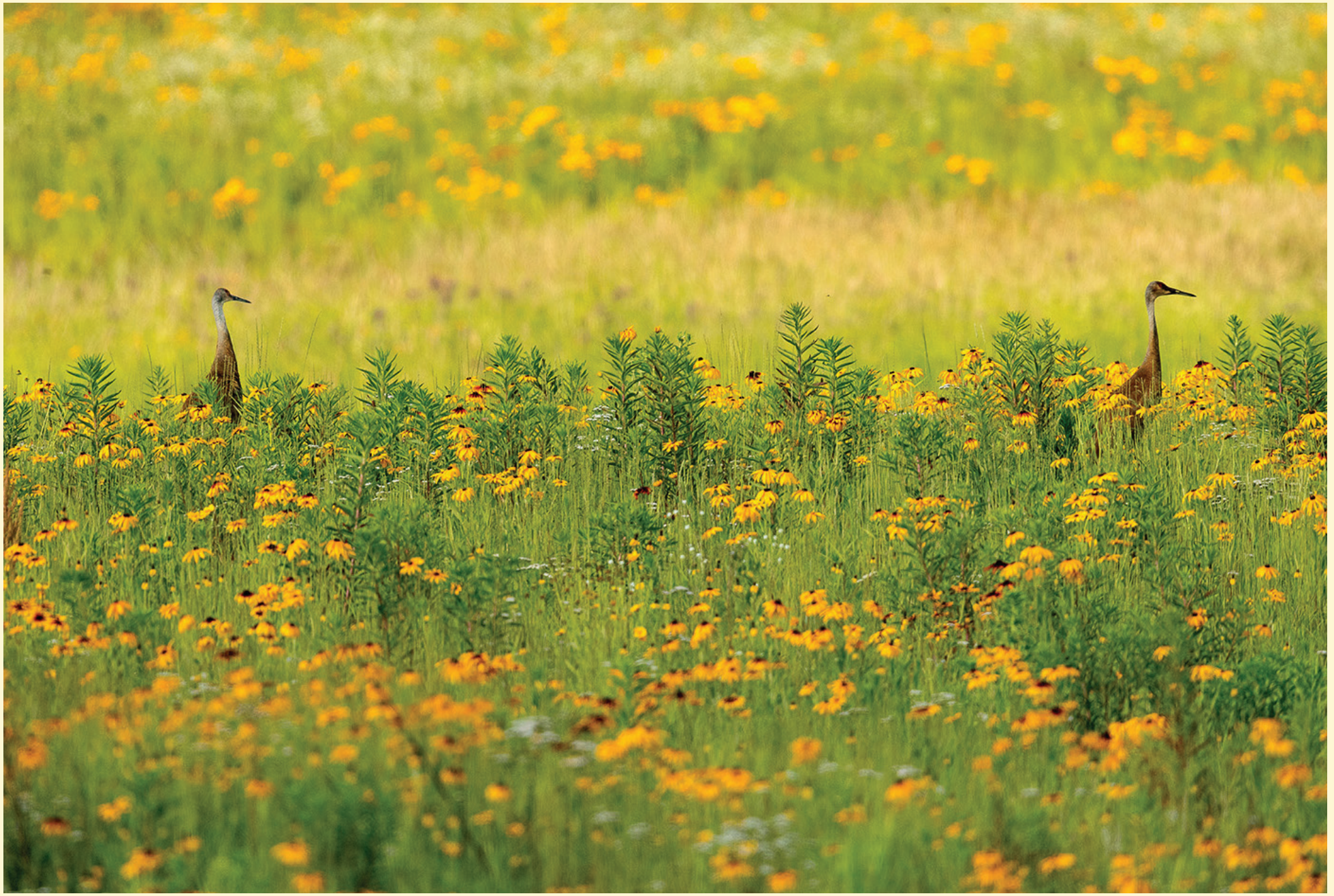
Wildflowers are the loveliest of all because they grow in uncultivated soil, in those hard, rugged places where no one expects them to flourish. They are resilient in ways a garden bloom could never be. People are the same, son — the most exquisite souls are those who survive where others cannot. They root themselves, along with their companions, wherever they are, and they thrive.

— Micheline Ryckman
The Maiden Ship



JOE FIERST

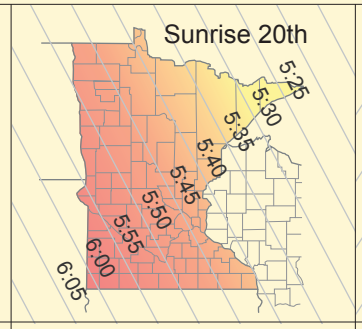
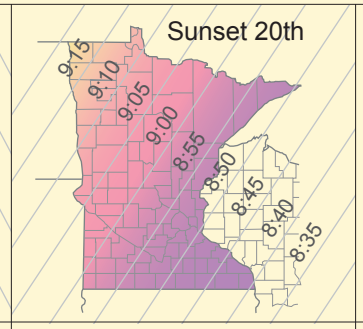
SANDHILL PAIR IN PRAIRIE FLOWERS
ZIMMERMAN, MN

July

MONTHLY NORMALS

1981-2010 MINNEAPOLIS - ST. PAUL INTERNATIONAL AIRPORT

PRECIPITATION - 4.04 IN.
TEMPERATURE:
MAXIMUM • 83.4° F
MINIMUM • 64.1° F

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
JUNE 2021 S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	AUGUST 2021 S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31			**SUN R/S** 5:30 am 9:03 pm **MOON R/S** 1:07 am 1:09 pm **NORMALS** Max 83/Min 63 **RECORDS** High: 100/1883 Low: 46/1995,1969 Pcpn: 2.85/1997 Snow: 0 **1** 4:12 pm: Last Quarter Moon	**SUN R/S** 5:31 am 9:03 pm **MOON R/S** 1:26 am 2:13 pm **NORMALS** Max 83/Min 63 **RECORDS** High: 99/2012 Low: 49/1924 Pcpn: 2.18/1992 Snow: 0 **2**	**SUN R/S** 5:31 am 9:03 pm **MOON R/S** 1:45 am 3:16 pm **NORMALS** Max 83/Min 64 **RECORDS** High: 100/1990,1949 Low: 47/1967 Pcpn: 3.70/1879 Snow: 0 **3** *15 hrs 32 min Daylight*
SUN R/S 5:32 am 9:03 pm **MOON R/S** 2:06 am 4:18 pm **NORMALS** Max 83/Min 64 **RECORDS** High: 101/2012 Low: 43/1972 Pcpn: 2.27/1900 Snow: 0 **4** Mercury at Greatest Western Elongation, 21.6° west of Sun Independence Day	**SUN R/S** 5:33 am 9:02 pm **MOON R/S** 2:29 am 5:21 pm **NORMALS** Max 83/Min 64 **RECORDS** High: 100/1982 Low: 45/1972,1967 Pcpn: 1.62/1994 Snow: 0 **5** 9:46 am: Moon apogee; 251,867 miles 5:27 pm: Earth at aphelion; Earth-Sun distance 94,510,886 miles	**SUN R/S** 5:33 am 9:02 pm **MOON R/S** 2:55 am 6:24 pm **NORMALS** Max 84/Min 64 **RECORDS** High: 104/1936 Low: 49/1942,1875 Pcpn: 2.83/2016 Snow: 0 **6**	**SUN R/S** 5:34 am 9:02 pm **MOON R/S** 3:27 am 7:26 pm **NORMALS** Max 84/Min 64 **RECORDS** High: 101/1936 Low: 44/1891 Pcpn: 3.00/1955 Snow: 0 **7** Rochester High: 102/1936 Low: 43/1934	**SUN R/S** 5:35 am 9:01 pm **MOON R/S** 4:06 am 8:23 pm **NORMALS** Max 84/Min 64 **RECORDS** High: 101/1974,1936 Low: 51/1958 Pcpn: 3.07/1925 Snow: 0 **8**	**SUN R/S** 5:36 am 9:01 pm **MOON R/S** 4:54 am 9:15 pm **NORMALS** Max 84/Min 64 **RECORDS** High: 99/1976 Low: 48/1895 Pcpn: 2.55/2000 Snow: 0 **9** 8:18 pm: New Moon	**SUN R/S** 5:36 am 9:00 pm **MOON R/S** 5:51 am 9:59 pm **NORMALS** Max 84/Min 64 **RECORDS** High: 106/1936 Low: 49/1996,1945 Pcpn: 1.93/2002 Snow: 0 **10** *15 hrs 24 min Daylight*
SUN R/S 5:37 am 9:00 pm **MOON R/S** 6:55 am 10:35 pm **NORMALS** Max 84/Min 64 **RECORDS** High: 106/1936 Low: 49/1945 Pcpn: 3.75/1909 Snow: 0 **11**	**SUN R/S** 5:38 am 8:59 pm **MOON R/S** 8:03 am 11:06 pm **NORMALS** Max 84/Min 64 **RECORDS** High: 106/1936 Low: 48/1941 Pcpn: 2.93/1912 Snow: 0 **12**	**SUN R/S** 5:39 am 8:59 pm **MOON R/S** 9:13 am 11:32 pm **NORMALS** Max 84/Min 64 **RECORDS** High: 105/1936 Low: 50/1990,1926 Pcpn: 2.79/2013 Snow: 0 **13** 2:06 am: Venus 0°29′ north of Mars	**SUN R/S** 5:40 am 8:58 pm **MOON R/S** 10:24 am 11:55 pm **NORMALS** Max 84/Min 65 **RECORDS** High: 108/1936 Low: 50/1930 Pcpn: 3.17/1915 Snow: 0 **14** St. Cloud High: 105/1936 Low: 46/1987	**SUN R/S** 5:41 am 8:57 pm **MOON R/S** 11:35 am None **NORMALS** Max 84/Min 65 **RECORDS** High: 102/1988 Low: 49/1912 Pcpn: 1.87/1907 Snow: 0 **15**	**SUN R/S** 5:42 am 8:57 pm **MOON R/S** 12:48 pm 12:17 am **NORMALS** Max 84/Min 65 **RECORDS** High: 102/1926 Low: 51/1958,1911 Pcpn: 1.28/1908 Snow: 0 **16**	**SUN R/S** 5:43 am 8:56 pm **MOON R/S** 2:02 pm 12:39 am **NORMALS** Max 84/Min 64 **RECORDS** High: 99/1936 Low: 52/1976,1937 Pcpn: 3.71/1997 Snow: 0 **17** 5:12 am: First Quarter Moon *15 hrs 13 min Daylight*
SUN R/S 5:44 am 8:55 pm **MOON R/S** 3:19 pm 1:03 am **NORMALS** Max 84/Min 64 **RECORDS** High: 101/1940 Low: 49/1873 Pcpn: 2.94/1895 Snow: 0 **18**	**SUN R/S** 5:45 am 8:54 pm **MOON R/S** 4:39 pm 1:32 am **NORMALS** Max 84/Min 64 **RECORDS** High: 100/1977,1940 Low: 46/1873 Pcpn: 1.75/1957 Snow: 0 **19** Eid al-Adha begins	**SUN R/S** 5:46 am 8:53 pm **MOON R/S** 5:58 pm 2:06 am **NORMALS** Max 84/Min 64 **RECORDS** High: 102/1901 Low: 51/1950 Pcpn: 2.75/1987 Snow: 0 **20**	**SUN R/S** 5:47 am 8:52 pm **MOON R/S** 7:12 pm 2:50 am **NORMALS** Max 84/Min 64 **RECORDS** High: 105/1934 Low: 49/1947 Pcpn: 1.36/1951 Snow: 0 **21** 5:23 am: Moon perigee; 226,502 miles International Falls High: 96/1923+ Low: 41/2013	**SUN R/S** 5:48 am 8:52 pm **MOON R/S** 8:16 pm 3:44 am **NORMALS** Max 84/Min 64 **RECORDS** High: 105/1934 Low: 49/1947 Pcpn: 2.69/1997 Snow: 0 **22**	**SUN R/S** 5:49 am 8:51 pm **MOON R/S** 9:09 pm 4:50 am **NORMALS** Max 83/Min 64 **RECORDS** High: 105/1934 Low: 47/1876 Pcpn: 9.15/1987 Snow: 0 **23** 9:38 pm: Full Moon Raspberry (Ojibwe) Cherries Blackening (Lakota)	**SUN R/S** 5:50 am 8:50 pm **MOON R/S** 9:49 pm 6:04 am **NORMALS** Max 83/Min 64 **RECORDS** High: 104/1941 Low: 49/1891 Pcpn: 1.69/2012 Snow: 0 **24** *15 hrs 0 min Daylight*
SUN R/S 5:51 am 8:49 pm **MOON R/S** 10:21 pm 7:20 am **NORMALS** Max 83/Min 64 **RECORDS** High: 99/1999,1941 Low: 50/1891 Pcpn: 2.07/1878 Snow: 0 **25**	**SUN R/S** 5:52 am 8:47 pm **MOON R/S** 10:47 pm 8:35 am **NORMALS** Max 83/Min 64 **RECORDS** High: 100/1955,1894 Low: 45/1962 Pcpn: 2.44/1990 Snow: 0 **26**	**SUN R/S** 5:53 am 8:46 pm **MOON R/S** 11:10 pm 9:46 am **NORMALS** Max 83/Min 64 **RECORDS** High: 104/1931 Low: 49/1971,1962 Pcpn: 6.35/1892 Snow: 0 **27**	**SUN R/S** 5:54 am 8:45 pm **MOON R/S** 11:30 pm 10:54 am **NORMALS** Max 83/Min 64 **RECORDS** High: 100/1955 Low: 50/1981 Pcpn: 1.48/1942 Snow: 0 **28** Between midnight and dawn 7/29: Delta Aquarids Meteor Shower peak Duluth High: 97/2006 Low: 45/1992	**SUN R/S** 5:55 am 8:44 pm **MOON R/S** 11:49 pm 12:00 pm **NORMALS** Max 83/Min 64 **RECORDS** High: 98/1999,1975,1933 Low: 47/1971 Pcpn: 1.11/1989 Snow: 0 **29**	**SUN R/S** 5:56 am 8:43 pm **MOON R/S** None 1:04 pm **NORMALS** Max 83/Min 64 **RECORDS** High: 100/1933 Low: 50/1971 Pcpn: 1.65/1872 Snow: 0 **30**	**SUN R/S** 5:57 am 8:42 pm **MOON R/S** 12:09 am 2:07 pm **NORMALS** Max 83/Min 63 **RECORDS** High: 105/1988 Low: 47/1924 Pcpn: 0.79/1911 Snow: 0 **31** 8:17 am: Last Quarter Moon *14 hrs 45 min Daylight*