



GARDEN ALMANAC

**IHM Community
Garden Newsletter**

June 2019



Uncooperative weather

This year, we have more gardeners than ever participating in the community garden. Unfortunately, the weather has been less than ideal for gardening or farming, to put it mildly. Excessive rain this spring has disrupted farmers' plans across the Midwest. Planting has been delayed everywhere in our region and St. Mary Organic Farm is no exception.

As of the time of this writing, we still have not been able to get into the garden to till the soil due to excess water. The first week of June looks to be sunny and dry so our gardeners should be able to start gardening soon.

We are accepting application for volunteer opportunities. If you enjoy working outdoors and have an interest in gardening, contact me at rdluzen@ihmsisters.org.

Thank you for your continuing interest in St. Mary Organic Farm.

Bob

Bob Dluzen
Community Garden Coordinator



Because of excess water in the garden, we couldn't mow the winter rye crop. Instead, a weed whacker was used.



The garden is almost ready for planting.

***Are not five sparrows sold for two pennies?
And not one of them is forgotten
before God"***

Luke 12:6

Lake Erie Water Festival 2019

Around 300 middle school students, representing various Monroe County schools, participated in this year's Lake Erie Water Festival held on the IHM Campus. Each class chose six learning experiences from a total 15 outdoor offerings that were set up all around the main part of the IHM Campus.

St. Mary Organic Farm was happy to host students from five different classes. The students learned about such things as the importance of cover crops; the difference between organic and conventional farming; how we use solar power at SMOF; Monarch butterfly migration; and our Monarch butterfly Waystation.



After a quick tour of the SMOF garden area, the students learned about how critical milkweeds are to the survival of Monarch butterflies. They constructed paper pots using old newspapers then planted milkweed and flower seeds into their paper containers to take home to plant. Establishing more milkweed plants provides more food and habitat for Monarchs to reproduce.

Fresh Opportunity Green Map



The Fresh Opportunity Green Map is your map to local fresh food in Monroe County. The map pinpoints 84 locations including Fresh Opportunity markets, food closets, community gardens, farms and farmers markets and grocery stores selling local foods. If you would like a copy or several copies to share with others, please contact Sharon Venier at 734-240-9754 or svenier@ihmsisters.org.

The green map initiative was a collaboration with Monroe County Opportunity Program (MCOP), Monroe Conservation District, Michigan State University and River Raisin Institute.

According to the 2015 MCOP Community Needs assessment, 69% of low-income respondents reported food as their greatest need. The Monroe County Health Department 2015 health assessment revealed that 73% of Monroe County residents were overweight or obese. For people with low incomes, this number jumped to 85%.

Because of these findings, MCOP began giving greater emphasis on distributing fresh and healthy food through its food bank network. To further address this need, MCOP opened six Fresh Opportunity markets in 2019 to ensure fresh and healthy food options are available to everyone, especially in underserved and more rural areas of Monroe County. MCOP invited River Raisin Institute to work with it on mapping where fresh local food is currently available and to identify the gap areas or food deserts. MCOP will partner with Monroe County Health Department to address these food deserts and provide nutrition education.

Community Foundation for Monroe County funded the Fresh Opportunity Market program and Green Map initiative.

June normal temperatures 1980-present

Date	Normal High temp. °F	Normal Low temp. °F	Normal Daily Avg. temp. °F
June 1	75°	55°	65°
2	75°	55°	65°
3	76°	56°	66°
4	76°	56°	66°
5	76°	56°	66°
6	77°	57°	67°
7	77°	57°	67°
8	77°	57°	67°
9	78°	58°	68°
10	78°	58°	68°
11	78°	58°	68°
12	79°	59°	69°
13	79°	59°	69°
14	79°	59°	69°
15	79°	60°	70°
16	80°	60°	70°
17	80°	60°	70°
18	80°	61°	70°
19	81°	61°	71°
20	81°	61°	71°
21	81°	61°	71°
22	81°	62°	71°
23	82°	62°	72°
24	82°	62°	72°
25	82°	62°	72°
26	82°	62°	72°
27	82°	63°	72°
28	83°	63°	73°
29	83°	63°	73°
30	83°	63°	73°

June record temperatures 1874-present

Date	Record High °F	Year	Record Low °F	Year
June 1	97°	1934	36°	1966
2	95°	1895	38°	1894
3	96°	1895	39°	1926
4	95°	1934	39°	1947
5	96°	1925	38°	1945
6	94°	1988	41°	1998
7	95°	2011	38°	1875
8	100°	1933	39°	1949
9	93°	1976	40°	1988
10	95°	1911	38°	1980
11	97°	1933	36°	1972
12	94°	1956	42°	1906
13	96°	1956	42°	1875
14	96°	1988	42°	1978
15	95°	1988	46°	1999
16	97°	1952	43°	1980
17	99°	1994	43°	1980
18	99°	1994	47°	1980
19	95°	2012	46°	1926
20	97°	1953	43°	1970
21	96°	1933	42°	1992
22	98°	1988	44°	1992
23	95°	1923	42°	1877
24	97°	1952	45°	1881
25	104°	1988	43°	1979
26	100°	1952	44°	1979
27	99°	1971	48°	1907
28	104°	1934	49°	1970
29	96°	1933	48°	1989
30	96°	1931	47°	1943

June 2019 twilight

Date	Morning twilight begins EDT	Evening twilight ends EDT
June 1	5:27	9:36
2	5:27	9:37
3	5:26	9:38
4	5:26	9:38
5	5:26	9:39
6	5:25	9:40
7	5:25	9:41
8	5:24	9:41
9	5:24	9:42
10	5:24	9:42
11	5:24	9:43
12	5:24	9:44
13	5:24	9:44
14	5:23	9:45
15	5:23	9:45
16	5:23	9:45
17	5:23	9:46
18	5:23	9:46
19	5:24	9:46
20	5:24	9:47
21	5:24	9:47
22	5:24	9:47
23	5:24	9:47
24	5:25	9:47
25	5:25	9:47
26	5:25	9:47
27	5:26	9:47
28	5:26	9:47
29	5:27	9:47
30	5:27	9:47

June 2019 sunrise and sunset

Date	Sunrise EDT	Sunset EDT
June 1	6:01	9:02
2	6:01	9:03
3	6:00	9:04
4	6:00	9:04
5	5:59	9:05
6	5:59	9:06
7	5:59	9:06
8	5:59	9:07
9	5:58	9:08
10	5:58	9:08
11	5:58	9:09
12	5:58	9:09
13	5:58	9:10
14	5:58	9:10
15	5:58	9:11
16	5:58	9:11
17	5:58	9:11
18	5:58	9:12
19	5:58	9:12
20	5:58	9:12
21	5:58	9:12
22	5:59	9:13
23	5:59	9:13
24	5:59	9:13
25	6:00	9:13
26	6:00	9:13
27	6:00	9:13
28	6:01	9:13
29	6:01	9:13
30	6:02	9:13

June precipitation records

Date	Greatest amount of rain	Year
June 1	2.02	1987
2	2.41	1892
3	1.63	2006
4	1.94	1893
5	2	1905
6	3.07	1903
7	2.55	1939
8	2	1906
9	2.03	1963
10	1.65	1920
11	1.71	1898
12	0.68	2003
13	1.8	1898
14	2	1966
15	1.52	1980
16	2.21	1946
17	1.62	1881
18	1.77	2014
19	2.59	2009
20	1.96	1972
21	2.23	1987
22	2.15	1925
23	1.09	2018
24	1.75	1994
25	2.17	1993
26	2.1	1909
27	1.79	1983
28	1.56	1999
29	1.32	1947
30	1.08	1902

Gazebo available for your event

The gardens make a wonderful setting for our Gazebo. The primary purpose of our Gazebo is to provide gathering space for St. Mary Organic Farm activities and events that advance the educational and spiritual goals of the IHM Sisters. Other activities may be scheduled for the Gazebo if they fall within the guidelines described in the Gazebo Usage Policy.

There is no charge if your event or activity advances the educational and spiritual goals of the IHM Sisters. Free-will donations for the use of the Gazebo are welcome. To reserve the Gazebo, contact Bee Butcher at 734-240-9757 or bbutcher@ihmsisters.org; she will happily assist you with your reservation.



A view of the north end of the garden in the late spring of 1998 showing the garden shed and some table top planting beds.

Photo courtesy of Sister Loretta Schroeder

Nature Explorers

Bumble bee

Bumble bees are found all over Michigan and the rest of the United States. When most people think of bees, they picture honey bees. Honey bees are very important for food crop production, but they are not native to our hemisphere. Bumble bees are native to our state and country.



There are around 80 different species of bumblebees native to Michigan; most of them look very similar to one another. They are larger than other bees and are hairy. They are relatively slow and clumsy when they fly. Some species of bumble bees are endangered.

OBSERVE: Are there wild and planted flowers growing all season long near your home?

ACTION: Consider planting bee-friendly flowers such as bee balm, penstemon, vetch, sunflowers, daisies, lobelia, baptisia and others.

Considering a gift to St. Mary Organic Farm?

Donations are always appreciated and are tax-deductible. Your contribution will go toward local educational programs on gardening, healthy eating and lifestyle, environment protection, conservation and other programs that are part of our mission to do God's work by making our community a better place to live. They may also be used to purchase equipment and tools and to maintain garden facilities.

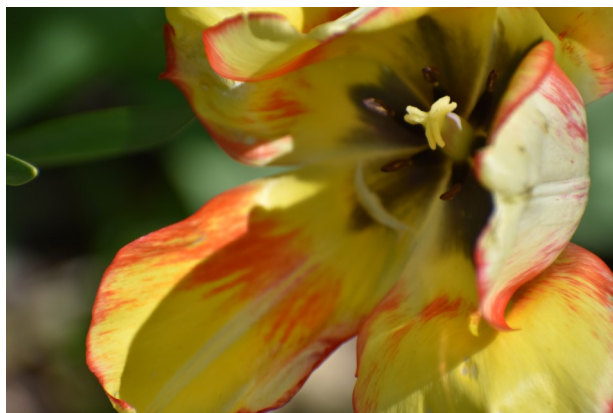
Please make your check payable to IHM Sisters and include St. Mary Organic Farm or SMOF in the memo line.

Safe, secure online giving is available for your convenience.



From Pope Francis' Encyclical, *Laudato Si': On Care for our Common Home*

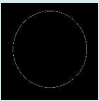
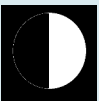

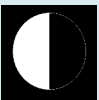
Environmental education has broadened its goals. Whereas in the beginning it was mainly centered on scientific information, consciousness-raising and the prevention of environmental risks, it tends now to include a critique of the "myths" of a modernity grounded in a utilitarian mindset (individualism, unlimited progress, competition, consumerism, the unregulated market). It seeks also to restore the various levels of ecological equilibrium, establishing



harmony within ourselves, with others, with nature and other living creatures, and with God. Environmental education should facilitate making the leap towards the transcendent which gives ecological ethics its deepest meaning. It needs educators capable of developing an ethics of ecology, and helping people, through effective pedagogy, to grow in solidarity, responsibility and compassionate care. [#210]

Phases of the moon

June 2019

	New Moon - June 3
	First Quarter - June 10
	Full Moon - June 17
	Last Quarter - June 25

IHM Garden Bee Journal: May 5, 2019

By Judy Durfy

Last week, it was only 47 degrees and rainy when I installed a new package of 100% Russian bees and their queen into another hive at the garden. There were some sure signs it was spring, like the pretty blue robin egg shell under a tree and the newly hatched goslings by the pond.

Today, it's over 70 degrees and sunny outside, although there's lots of water on the ground by the hives. The new bees looked to be well adjusted to their new hive. The Italian bees were also well. Many were flying in and out to forage. I removed the extra boxes they didn't need at this time, cleaned up their hive and then placed it on top a new hive stand that will keep the hive higher off the ground. Then it was onto that huge Russian survivor hive. I pulled off the top box. It was packed with larvae, so was the next box and the next. The bees started to get agitated with me moving around so much larvae and so I decided to leave that hive alone for now. I will have to split it up and hope the weather will cooperate next weekend so I can. It looks like I could start at least two more hives out of that one.



Gardening in the 1900s

LARGE FLOWERING CLEMATIS



MADAM ANDRE (Red), JACKMANI (Purple), HENRYII (White). Three (3), one of each, strong 2-year old, field-grown; by mail to any address, \$1.60. PLANTS and FRUIT TREES in great variety.

Get our free catalogue. H. S. WILEY & SON, Box 22, CAYUGA, N. Y.

This is an ad from a 1905 edition of *Garden Magazine*. All three of these clematis varieties are still available. \$1.60 equals about \$45 in today's money, which is what you would expect to pay for three clematis of this type. So the price of clematis plants has remained steady for 115 years.

“Praise be to you, my Lord, through our Sister, Mother Earth, who sustains and governs us, and who produces various fruit with colored flowers and herbs.

- Saint Francis of Assisi

