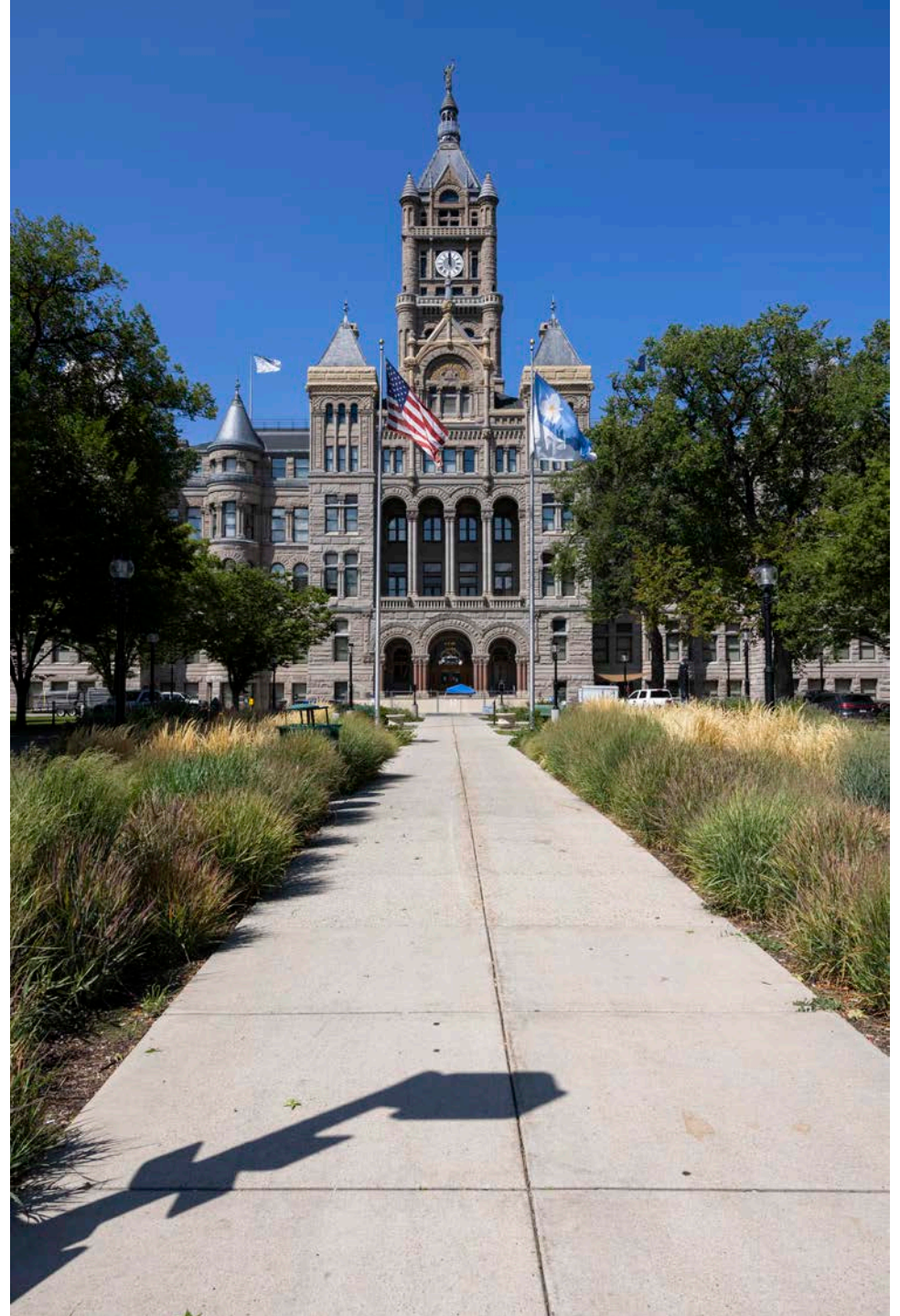




2022 URBAN FORESTRY WATERING CALENDAR



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URBAN FORESTRY

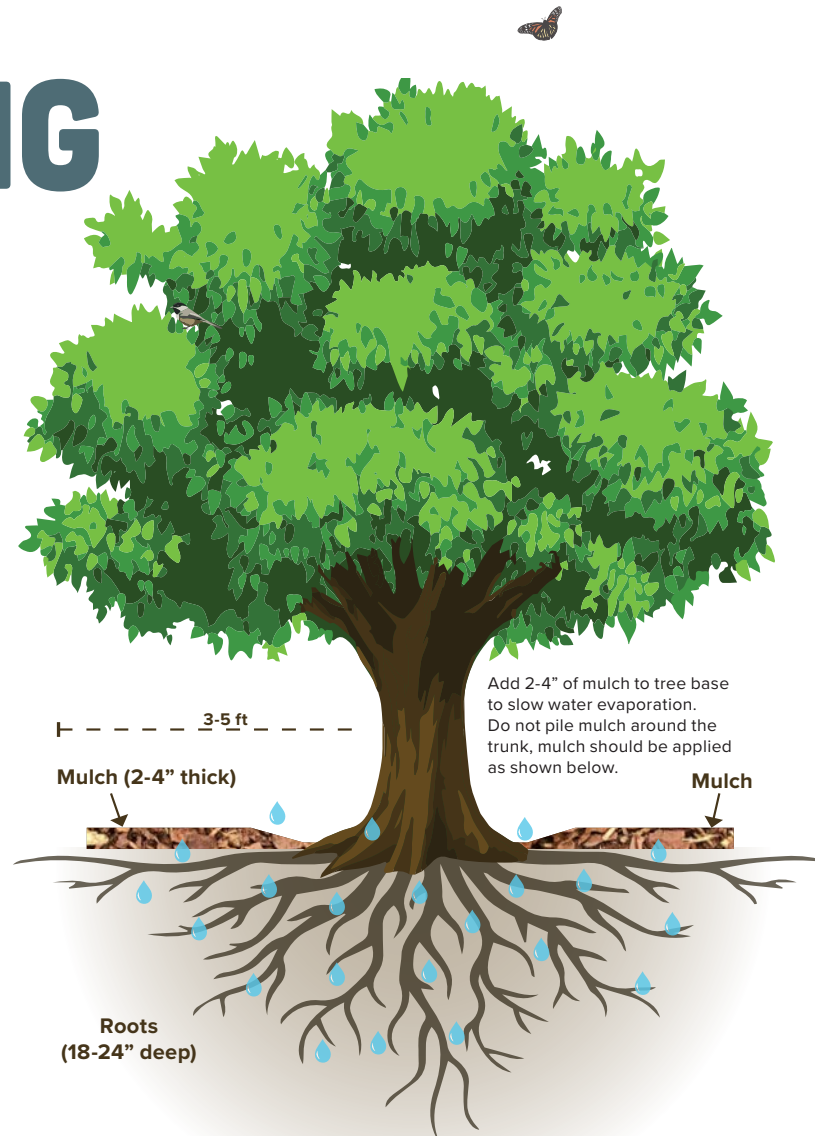
WATERING GUIDE

Use this calendar as a visual reminder to water the parkstrip tree or trees. See the adjacent Watering Guide for detailed explanation on proper watering to ensure the tree roots are getting deep water throughout the growing season.

Watering should begin in March, increased in frequency during summer, and can be tapered off through fall and stopped in mid-November. Watering is not necessary in the winter, unless there has been no precipitation for multiple weeks.



Water on days that are highlighted blue and contain the watering can icon (as shown above). When it rains or snows enough to completely soak the ground, watering can either be postponed for a day or skipped.



HOW MUCH?

The exact amount of water is variable but generally 5-10 gallons per inch of trunk diameter is recommended. For newly planted trees, this means about 10-20 gallons per watering. Water should be applied evenly at a low flow rate until the soil is thoroughly soaked.

HOW OFTEN?

Newly planted trees need to be watered 1-2 times per week in spring and fall and 2-3 times per week in summer. Unlike watering a lawn, the goal of tree watering is to have saturation deep in the soil. Tree roots are usually 18-24" deep.

MULCH?

Mulch should be 2-4" thick and extend 3-5' around the tree. It should be in an even flat layer, not piled up around the tree and no mulch should be touching the trunk. Refer to the diagram for proper mulching technique.

Follow the QR code to sign up for an electronic version of this calendar or to receive watering alerts. A detailed watering video can also be found on that website to demonstrate proper tree watering technique.



Salt Lake City Urban Forestry Division
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801-972-7818



*Fresh snow blankets the London Plane (*Platanus x acerifolia*) trees lining this street. This species is one of the top 5 most common trees found in Salt Lake City. There are almost 4,000 of them growing on the City's streets and throughout city parks.*

Each of these trees individually provides over \$60 in annual economic benefits, combining for a total of \$240,000 in benefits to the entire community. This includes reducing energy cost and stormwater management, as well as benefits from reducing air pollution in the atmosphere.

JANUARY



Watering during the winter is only necessary if there has been no precipitation for multiple weeks. When it rains or snows enough to completely soak the ground, watering can either be postponed for a day or skipped.

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
						1 New Year's Day
2	3	4	5	6	7	8
9	10 Martin Luther King Jr. Human Rights Day	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					



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*Trees are required to be protected from damage during construction in Salt Lake City. The Urban Forestry Division typically requires chain-link fencing to be placed around all parkstrip trees, wherever construction activities are happening. In the photo above, a linden (*Tilia cordata*) can be seen with the surrounding Tree Protection Zone.*

This fencing prevents damage from mechanical injury, as well as damage to the root zone and soil around the tree. Mature trees are an asset and keeping them in the landscape is a priority for the City and its residents.

FEBRUARY



Watering during the winter is only necessary if there has been no precipitation for multiple weeks. When it rains or snows enough to completely soak the ground, watering can either be postponed for a day or skipped.

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
		1	2	3	4	5
6	7	8	9	10	11	12
13	14 Valentine's Day	15	16	17	18	19
20	21 President's Day	22	23	24	25	26
27	28					



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*A Kwanzan flowering cherry (*Prunus serrulata* 'Kwanzan') opening its bright pink flowers is a sign of the coming of spring. Flowering trees provide a great visual representation of the time to start watering gardens, especially newly planted parkstrip trees.*

Flowering trees, such as the flowering cherry, are some of the more popular varieties planted by Urban Forestry on an annual basis. The Urban Forestry Division begins spring tree planting in March and each new tree will need water. It is equally important for residents to water trees that were planted in previous years.

MARCH



During Spring from March to May, newly planted trees should be watered 1 to 2 times per week. Water the mulched area with a hose until the ground is saturated and fill the watering bag if it is empty. When it rains or snows enough to completely soak the ground, watering can either be postponed for a day or skipped.

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
		1	2	3	4	5
6	7 Spring Tree Planting Begins	8	9	10	11	12
13 Daylight Savings Time Begins	14 	15	16	17 St. Patrick's Day	18	19 
20 Spring Equinox	21	22	23 	24	25	26
27 	28	29	30	31 		



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April is known as Earth Month, which includes a day dedicated to trees. Arbor Day is recognized at the end of the month and is celebrated as a day to plant and care for trees. The Urban Forestry Division will be planting over 1,000 new parkstrip trees this spring, all throughout the city. While they may be small now, each of these trees are critical city infrastructure that increases the livability of Salt Lake City.

To reach their full capability and provide maximum benefits for the community, it is important that the community takes an engaged role in ensuring these trees receive enough water throughout their lifetime.

APRIL



During Spring from March to May, newly planted trees should be watered 1 to 2 times per week. Water the mulched area with a hose until the ground is saturated and fill the watering bag if it is empty. When it rains or snows enough to completely soak the ground, watering can either be postponed for a day or skipped.

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
					1	2
3	4	5 	6	7	8	9 
10	11	12	13	14 	15	16
17 Easter Sunday	18 Tax Day	19 	20	21	22 Earth Day	23
24 	25	26	27	28	29  Arbor Day	30



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*This boxelder (*Acer negundo*) growing on the bank of City Creek is one of the few trees that are native to the harsh conditions of the Salt Lake Valley. Even these hardy trees were restricted to growing along the creeks and rivers coming out of the mountains due to the valley's poor soil and extreme weather.*

The immense diversity of tree species found on the city streets and in parks is a testament to the efforts of the early residents who provided water to the trees. Their efforts created the urban forest we see today, consisting of over 88,000 individual trees, including 1,800 native boxelders.

MAY



During Spring from March to May, newly planted trees should be watered 1 to 2 times per week. Water the mulched area with a hose until the ground is saturated and fill the watering bag if it is empty. When it rains or snows enough to completely soak the ground, watering can either be postponed for a day or skipped.

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	2	3 	4	5 Cinco de Mayo	6	7 
8 Mother's Day	9	10	11 	12	13	14
15 	16	17	18	19 	20	21
22 	23	24	25 	26	27	28
29	30 Memorial Day	31 				



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*This European beech (*Fagus sylvatica*) growing in the Salt Lake City Cemetery is part of the collection of trees known as the Mark Smith Memorial Arboretum. A walking/driving tour of the entire cemetery includes over 80 unique species of trees.*

This collection of trees was officially designated as an arboretum in Fall 2021 and will serve as a place of beauty, education, and preservation for generations to come. The arboretum is meant to be peacefully and respectfully enjoyed by all visitors since it encompasses many of the natural, historical, and recreational resources that Salt Lake City has to offer.

JUNE



During Summer from June to September, newly planted trees should be watered 2 to 3 times per week. Water the mulched area with a hose until the ground is saturated and fill the watering bag if it is empty. When it rains or snows enough to completely soak the ground, watering can either be postponed for a day or skipped.

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
			1	2	3	4 
5	6	7 	8	9	10 	11
12	13	14 Flag Day	15 	16	17	18 
19 Juneteenth Father's Day	20 Juneteenth Observed	21  Summer Solstice	22	23	24 	25
26 	27	28	29 	30		



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Salt Lake City receives less than one inch of rain on average in July, which is not enough water for trees to survive. This is particularly true when temperatures are high. Supplemental water is critical for trees to continue growing. It is up to the community to provide the water necessary for all trees to grow into maturity.

The urban forest provides environmental, social, and psychological benefits to the entire community. Reducing the city's temperature and urban heat island effect is one benefit of shade provided by trees. The overall improved quality of life is worth the effort put in to ensuring trees are receiving the water they need to survive.

JULY



During Summer from June to September, newly planted trees should be watered 2 to 3 times per week. Water the mulched area with a hose until the ground is saturated and fill the watering bag if it is empty. When it rains or snows enough to completely soak the ground, watering can either be postponed for a day or skipped.

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
					1	2 
3	4 Independence Day	5 	6	7	8 	9
10 	11	12	13 	14	15	16 
17	18	19 	20	21	22 	23
24 Pioneer Day	25 Pioneer Day Observed	26 	27	28	29 	30
31						



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*Certified arborists from the Urban Forestry Division are climbing this London Plane (*Platanus x acerifolia*) tree to prune it. The Urban Forestry Division prunes 3,000 to 4,000 trees annually. These hard-working arborists care for trees year-round in all weather conditions to keep the City's trees healthy, safe, and beautiful.*

A pruning prescription is specific to the individual tree, beyond just cutting branches. Pruning is a scientific process with clearly defined objectives. Understanding and following this scientific process is what defines a quality arborist and earns them certification from the International Society of Arboriculture (ISA).

AUGUST



During Summer from June to September, newly planted trees should be watered 2 to 3 times per week. Water the mulched area with a hose until the ground is saturated and fill the watering bag if it is empty. When it rains or snows enough to completely soak the ground, watering can either be postponed for a day or skipped.

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	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			



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*One of the most recognizable leaves in the plant kingdom is the oak. Salt Lake City's urban forest is home to 13 different species of oaks, including the bur oak (*Quercus macrocarpa*), pictured above. Utah only has one native oak species, the Gambel oak (*Quercus gambelii*) which is naturally found in the foothills and on the benches as a small shrubby tree.*

Oaks are generally long-lived, versatile trees that can thrive in many conditions and have demonstrated an ability to succeed in Utah. A favorite of the City Forester, they will likely be planted for many years to come.

SEPTEMBER



During Summer from June to September, newly planted trees should be watered 2 to 3 times per week. Water the mulched area with a hose until the ground is saturated and fill the watering bag if it is empty. When it rains or snows enough to completely soak the ground, watering can either be postponed for a day or skipped.

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
				1	2 	3
4	5 Labor Day	6 	7	8	9 	10
11	12 Fall Tree Planting Begins	13 	14	15	16	17 
18	19	20	21 	22 Fall Equinox	23	24 National Public Lands Day
25 	26	27	28	29 	30	



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*The vibrant display of this sugar maple (*Acer saccharum*) at Washington Square and other deciduous trees throughout the city is one of the many reasons people love the fall. Leaves change color due to a reduced amount of daylight, with only a small influence coming from the temperature.*

The chemical compounds that cause leaves to turn varying colors of yellow, red, orange, and even purple are present in leaves all summer long. As the days shorten, trees stop producing chlorophyll and its characteristic green color fades, allowing the other compounds to shine through.

OCTOBER



As the weather cools off in Fall, watering can be scaled back. During Fall from October to Mid-November, newly planted trees should be watered 1 to 2 times per week. Water the mulched area with a hose until the ground is saturated and fill the watering bag if it is empty. When it rains or snows enough to completely soak the ground, watering can either be postponed for a day or skipped.

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
						1
2 	3	4	5	6 	7	8
9	10 Indigenous People's Day/ Columbus Day	11 	12	13	14	15 
16	17	18	19 	20	21	22
23 	24	25	26	27	28 	29
30	31 Halloween					



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*This carpet of golden fan-shaped leaves comes from the ginkgo (*Ginkgo biloba*) tree, which is known for losing most or all of its leaves at once. They are incredibly hardy, adaptable, and long-lived. This particular ginkgo resides in the front garden of the newest city park, Allen Park.*

This species can be found in the fossil record dating back to the times of dinosaurs, which is why it is called a “living fossil.” A few of these trees are even claimed to have survived the atomic bombs during World War II.

NOVEMBER



As the weather cools off in Fall, watering can be scaled back. During Fall from October to Mid-November, newly planted trees should be watered 1 to 2 times per week. Water the mulched area with a hose until the ground is saturated and fill the watering bag if it is empty. When it rains or snows enough to completely soak the ground, watering can either be postponed for a day or skipped.

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
		1	2 	3	4	5
6 Daylight Saving's Time Ends	7 	8 Election Day	9	10	11 Veteran's Day	12 
13	14	15	16 	17	18	19
20 	21	22	23	24 Thanksgiving Day	25	26
27	28	29 	30			



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This peaceful scene at Liberty Park shows the aesthetic interest trees can provide in winter, even when they do not have leaves. City parks are an urban oasis for many people hoping to enjoy nature in their backyard. There are over 2000 trees representing 100 unique species within Liberty Park.

Beyond their aesthetic beauty, these trees provide an important home in the city for urban wildlife. The urban canopy of Salt Lake City is a crucial component of habitat for many species of wildlife including insects, mammals, and birds such as the geese seen in the photo above.

DECEMBER



Watering during the winter is only necessary if there has been no precipitation for multiple weeks. When it rains or snows enough to completely soak the ground, watering can either be postponed for a day or skipped.

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19 Hanukkah	20	21 Winter Solstice	22	23	24 Christmas Eve
25 Christmas Day	26 Christmas Day Observed Kwanzaa	27	28	29	30	31 New Year's Eve



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