



Low Water Use / Drought Tolerant Plant List





Community Development
201 N. Montezuma Street
Prescott, AZ 86301
www.PrescottWater.com

Hello!

Did you know the first water conservation resolution in the City of Prescott was in 1893? This resolution divided the City into water districts, with the courthouse as the dividing line east and west. The east side could have water for irrigation on Tuesdays and Saturdays while the west side on Sundays and Wednesdays.

While the City is much bigger than it was in 1893, water conservation is still considered a priority. With the City of Prescott nestled into the Central Highlands of Arizona, the dry climate is important to keep in mind when choosing plant types.

The Arizona Department of Water Resources Low-Water Use Plant list is a great resource for plantings that will thrive in the City of Prescott area. The City of Prescott offers this picture guide, along with planting tips for our area for our customers and regional neighbors. This is meant to be a starting guide, for additional plants please visit the ADWR Low-Water Use Plant list at http://infoshare.azwater.gov/docushare/dsweb/Get/Document-10086/Prescott_AMA_LWUPL%204MP.pdf

Sincerely,

Community Development - Water Resources

water.smart@prescott-az.gov

www.PrescottWater.com

Plan Before you Plant

1. Make a site plan

Measure the lot and draw a scaled diagram of the use 1/10 or 1/4 scale and draw on an 11" x 17" size sheet of paper. Be sure to include existing significant site features, such as boulders and existing trees.

2. Develop Drawings

Before sketching any ideas, make four or more copies of the site plan. Use these for various phases of the landscaping installation and keep one clean copy for future use.

3. Ask Yourself Questions

What are your interests in aesthetics, views, function, color, shade, food production, maintenance, and watering requirements? How would you like to use your outdoor space in the future?

4. Collect Photos

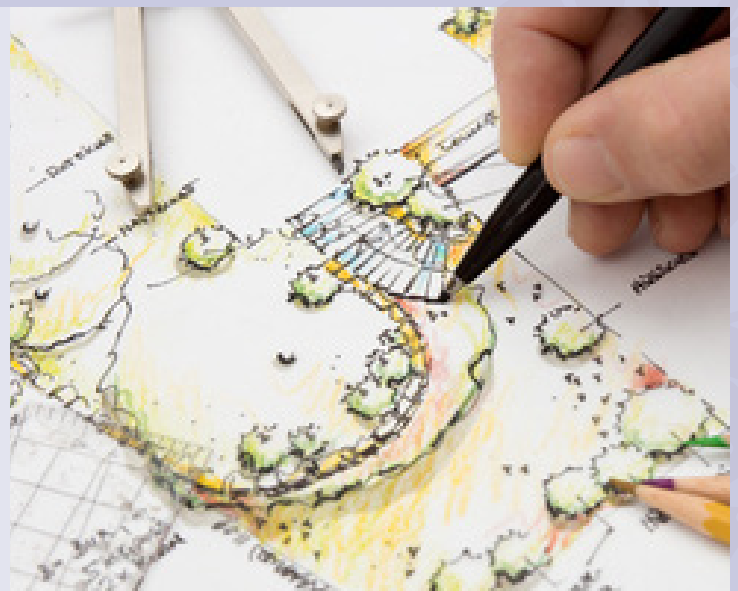
Start taking photos of plants you like in local parks, garden centers, and neighborhoods. Research the plants to narrow down your selection of trees and shrubs to your top three choices.

5. Establish a Water Budget

Determine how much water will be required on an annual basis. Group plant types with similar watering needs together. Consider how much water will naturally flow on your property and how to slow the water through passive rainwater harvesting. (Link: Guidebook)

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Trees

Frequently Available at Local Nurseries

Pinyon Pine

Botanical Name: *Pinus edulis*

Pinyon or piñon pines are native to southwestern North America. These trees grow well in dry soil and require minimal maintenance. Install them in dry locations on hillsides, not lowlands where water collects.

Zone: Grassland/Pinyon Juniper/Chaparral/Oak Woodland/Ponderosa/Montane

Water Use: 5-8" annually

Evergreen



Trees



Chitalpa

Botanical Name: *Chitalpa tashkentensis*

Chitalpa are drought-tolerant, requiring little water once established. Being fast growers, as much as several feet each year, this tree is a great option for providing quick shade. The beautiful blooms attract hummingbirds and wildlife.

Zone: Grassland/Pinyon
Juniper/Chaparral/Oak
Woodland

Water Use: 5-8" annually

Deciduous

Flowering: Spring/Summer

Bloom Color: Pink



Alligator Juniper

Botanical Name: *Juniperus deppeana*

Zone: Grassland/Pinyon
Juniper/Chaparral/Oak
Woodland/Ponderosa/
Montane

Water Use:
0-4" annually

Evergreen



Chokecherry

Botanical Name: *Prunus virginiana*

Zone: Grassland/Pinyon
Juniper/Chaparral/Oak
Woodland/Ponderosa/
Montane

Water Use: 5-8" annually

Deciduous

Flowering: Spring

Bloom Color: White

Trees



Texas Red Oak

Botanical Name: *Quercus buckleyi*

Native to the southern great plains, these oak trees are heat and cold-tolerant. Their conspicuous red autumn foliage makes them a great ornamental and an excellent option for summer shade.

Zone: Grassland/Pinyon Juniper/Chaparral/Oak Woodland/Ponderosa/Montane

Water Use: 5-8" annually

Deciduous

Foliage: Red in Fall



"Backyard: Texas Red Oak" by Bill Oriani is licensed under CC-BY 2.0 (<https://www.flickr.com/photos/oriani/>)

Purple Smoke Tree

Botanical Name: *Cotinus coggygria*



Zone: Grassland/Pinyon Juniper/Chaparral/Oak Woodland/Ponderosa/Montane

Water Use: 9-12" annually

Deciduous

Flowering: Summer/Fall

Foliage: Purple, red-orange in Fall

Blooms: Smoke-like flowers



Arizona Ash

Botanical Name: *Fraxinus velutina*



Zone: Grassland/Pinyon Juniper/Chaparral/Oak Woodland

Water Use: 9-12" annually

Deciduous

Foliage: Gold in autumn



Trees



Deodar Cedar

Botanical Name: *Cedrus deodara*

Zone: Grassland/ Pinyon Juniper/Chaparral/Oak Woodland/Ponderosa/Montane

Water Use: 5-8" annually

Evergreen



Locust

Botanical Name: *Robinia ambigua*



Zone: Grassland/ Pinyon Juniper/Chaparral/Oak Woodland/Ponderosa/Montane

Water Use: 5-8" annually

Deciduous

Flowering: Spring

Bloom Color: White

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Oklahoma Redbud

Botanical Name: *Cercis canadensis* 'oklahoma'

Zone: Pinyon Juniper/Chaparral/Oak Woodland/Ponderosa/Montane

Water Use: 9-12" annually

Deciduous

Flowering: Spring

Bloom Color: Intense fuchsia blooms

Trees



Ponderosa Pine

Botanical Name: *Pinus ponderosa*

Zone: Pinyon Juniper/Chaparral/Oak Woodland/Ponderosa/Montane

Water Use: 5-8" annually

Evergreen



Additional Trees

Common Name	Botanical Name	Zone						Water Use (Inches per year)	Deciduous (D) Evergreen (E)	Season	Bloom Color
		Grassland	Pinyon/Juniper	Chaparral	Oak Woodland	Ponderosa	Montane				
Silk Tree, Mimosa	Albizia julibrissin	•	•	•	•			5-8	D	Summer	Pink
Atlas Cedar	Cedrus atlantica	•	•	•	•	•	•	5-8	E		
English Hawthorn	Crataegus laevigata	•	•	•	•	•	•	9-12	D	Spring/Fall	White to pink blooms in Spring/Yellow foliage in fall
Arizona Walnut	Juglans major	•	•	•	•	•	•	5-8	D	Fall	Yellow Foliage
Mayday Tree	Prunus padus	•	•	•	•	•	•	9-12	D	Spring	White
Staghorn Sumac	Rhus typhina	•	•	•	•	•	•	5-8	D	Fall	Red to Orange Foliage
Japanese Pagoda Tree	Sophora japonica	•	•	•	•	•	•	5-8	E	Spring	Yellow Blooms

		Zone									
Common Name	Botanical Name	Grassland	Pinyon/Juniper	Chaparral	Oak Woodland	Ponderosa	Montane	Water Use (Inches per year)	Deciduous (D) Evergreen (E)	Season	Bloom Color
Chinese Elm	Ulmus parvifolia	•	•	•	•			0-4	D		
Hillspire Juniper	Juniperus virginiana 'Cupressifolia'	•	•	•	•	•	•	5-8	E		
Black Hills Spruce	Picea densata	•	•	•	•	•	•	5-8	E		
Arizona White Oak	Quercus arizonica		•	•	•	•	•	0-4	D		
Western Hackberry	Celtis reticulata	•	•	•	•	•	•	0-4	D	Fall	Gold foliage
Arizona Cypress	Cupressus arizonica	•	•	•	•			5-8	E		
Bristlecone Pine	Pinus aristata		•	•	•	•	•	5-8	E		
Chinese Pistache	Pistacia chinensis	•	•	•	•			5-8	D	Fall	Orange to Red Foliage
Bitter Cherry	Prunus emarginata	•	•	•	•	•	•	5-8	D	Spring	White
Gambel Oak	Quercus emoryi		•	•	•	•	•	0-4	D		
Emory Oak	Quercus gambelii					•	•	0-4	D		
Desert Willow	Chilopsis linearis	•						0-4	D	Spring/ Summer	White to pink
Utah Juniper	Juniperus osteosperma	•	•	•	•	•	•	0-4	E		
Common Hackberry	Celtis occidentalis	•	•	•	•	•	•	5-8	D	Fall	Gold Foliage
Austrian Pine	Pinus nigra	•	•	•	•	•	•	5-8	E		
Rocky Mountain Juniper	Juniperus scopulorum	•	•	•	•	•	•	5-8	E		
Thornless Honey Locust	Gleditsia triacanthos inermis	•	•	•	•	•	•	9-12	D	Fall	Yellow Foliage
Goldenrain Tree	Koelreuteria paniculata	•	•	•	•	•	•	9-12	D	Spring/Fall	Yellow blooms in spring, gold foliage and red seedpods in fall
Flowering Crabapple	Malus spp.	•	•	•	•	•	•	9-12	D	Spring/Fall	White to red blooms in spring, colorful foliage in fall
One-Seed Juniper	Juniperus monosperma	•	•	•	•	•	•	0-4	E		



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Perennials

Frequently Available at Local Nurseries



Blackfoot Daisy

Botanical Name: *Melampodium leucanthum*

Zone: Grassland/Pinyon
Juniper/Chaparral/Oak
Woodland/Ponderosa/
Montane

Water Use: 5-8" annually

Flowering:
Summer

Bloom Color:
White daisy-like blooms with
yellow eye



California Poppy

Botanical Name: *Eschscholzia californica*

Zone: Grassland/Pinyon
Juniper/Chaparral/Oak
Woodland/Ponderosa/
Montane

Water Use: 5-8" annually

Flowering:
Spring

Bloom Color:
Yellow/Orange blooms, often
planted as an annual

Perennials



Coreopsis / Tickseed

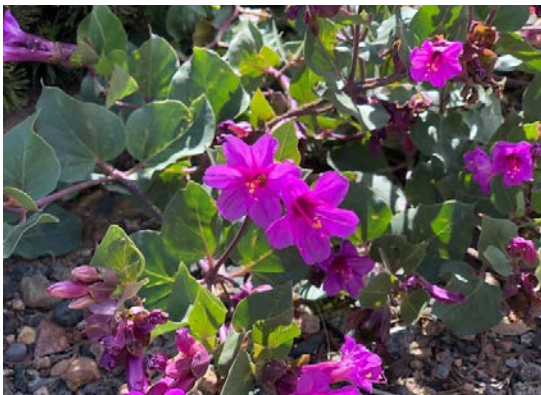
Botanical Name: *Coreopsis grandiflora*

Zone: Grassland/Pinyon
Juniper/Chaparral/Oak
Woodland/Ponderosa/
Montane

Water Use: 5-8" annually

Flowering:
Summer - Fall

Bloom Color: Yellow to orange
daisy-like blossoms



Giant 4 O'Clock

Botanical Name: *Mirabilis multiflora*

Zone: Grassland/Pinyon
Juniper/Chaparral/Oak
Woodland/Ponderosa/
Montane

Water Use: 0-4" annually

Flowering:
Summer

Bloom Color: White to purple
blooms, opens late afternoon



Iris

Botanical Name: *Iris germanica*

Zone: Grassland/Pinyon
Juniper/Chaparral/Oak
Woodland/Ponderosa/
Montane

Water Use: 5-8" annually

Flowering:
Spring

Bloom Color: Color varies
dependent on variety, javelina
resistant



Red Hot Poker

Botanical Name: *Kniphofia uvaria*

Zone: Grassland/Pinyon
Juniper/Chaparral/Oak
Woodland/Ponderosa/Mon-
tane

Water Use: 5-8 annually

Flowering: Spring - Summer

Bloom Color: Color Varies

Comment:
Attracts Hummingbirds

Perennials



Texas Hummingbird Mint

Botanical Name: *Agastache cana*

Zone: Grassland/Pinyon
Juniper/Chaparral/Oak
Woodland/Ponderosa/
Montane

Water Use: 5-8" annually

Bloom Color:
Reddish, pink, purple

Comment:
Needs full sun



Verbena

Botanical Name: *Verbena rigida*

Zone: Grassland/ Pinyon
Juniper/Chaparral/Oak
Woodland

Water Use:
0-4" annually

Bloom Color:
Blue

Comment:
Drought resistant, tolerant to
full or partial sun



Yarrow

Botanical Name: *Archillea millefolium*

Zone: Grassland/ Pinyon
Juniper/Chaparral/Oak
Woodland/Ponderosa/
Montane

Water Use: 5-8" annually

Flowering:
Spring - Summer

Bloom Color:
White, Yellow

Additional Perennials

Common Name	Botanical Name	Zone						Water Use (In. Per year)	Season	Bloom Color
		Grassland	Pinyon/Juniper	Chaparral	Oak Woodland	Ponderosa	Montane			
Butterfly Weed	<i>Asclepias tuberosa</i>	•	•	•	•	•	•	5-8	Summer	Showy orange blooms, attracts butterflies
Desert Marigold	<i>Baileya multiradiata</i>	•	•	•	•			5-8	Spring to fall	Showy yellow blooms, needs full sun
Chocolate Flower	<i>Berlandiera lyrata</i>	•						5-8	Spring to fall	Yellow rays with dark eye
Blue Flax	<i>Linum lewisii</i>	•	•	•	•	•	•	0-4	Summer	Blue blooms, opens in morning
White-Tufted Evening Primrose	<i>Oenothera caespitosa</i>	•	•	•	•	•	•	0-4	Summer	White blooms, opens in evening
Mexican Evening Primrose	<i>Oenothera speciosa</i> (<i>Oenothera berlandieri</i>)	•	•	•	•	•	•	0-4	Summer	Pinkish
Penstemon	<i>Penstemon spp.</i>	•	•	•	•	•	•	0-4	Summer	Colors vary
Russian Sage	<i>Perovskia atriplicifolia</i>	•	•	•	•	•	•	0-4	Summer	Profuse purple blooms
Desert Zinnia	<i>Zinnia grandiflora</i>	•	•	•	•			0-4	Spring to Fall	Yellow blooms with orange eye
Buckwheat	<i>Eriogonum spp.</i>	•	•	•	•	•	•	5-8	Summer to Fall	White to pink blooms in summer, burgundy in fall
Blanket Flower	<i>Gaillardia grandiflora</i>	•	•	•	•	•	•	5-8	Summer to Fall	Yellow to red blooms with maroon bands
Sunrose	<i>Helianthemum nummularium</i>	•	•	•	•	•	•	5-8	Spring/Summer	Pastel blooms
Showy Goldeneye	<i>Heliomeris multiflora</i>	•	•	•	•	•	•	5-8	Summer	Large daisy-like yellow blooms all summer



Groundcover

Frequently Available at Local Nurseries

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Blue Chip Juniper

Botanical Name: *Juniperus horizontalis*

Zone: Grassland/Pinyon
Juniper/Chaparral/Oak
Woodland/Ponderosa/
Montane

Water Use: 5-8" annually

Evergreen

Comment: Blue foliage, turns
violet in winter



Boston Ivy

Botanical Name: *Parthenocissis tricuspidata*

Zone: Pinyon Juniper/
Chaparral/Oak Woodland/
Ponderosa/Montane

Water Use: 9-12" annually

Flowering:
Fall

Comment:
For best results, plant in shade

Groundcover



Creeping Oregon Grape

Botanical Name: *Mahonia repens*

Zone: Pinyon Juniper/
Chaparral/Oak Woodland/
Ponderosa/Montane

Water Use: 0-4" annually

Evergreen

Flowering: Spring/Summer/
Winter

Comment: Yellow blooms in
Spring, purple fruit in Summer,
burgundy leaves in winter.



Germander

Botanical Name: *Teucrium chamaedrys 'prostratum'*

Zone: Grassland/Pinyon
Juniper/Chaparral/Oak
Woodland/Ponderosa/
Montane

Water Use: 5-8" annually

Flowering: Summer

Bloom Color:
Pink

Additional Groundcovers

Common Name	Botanical Name	Zone						Water Use (Inches per year)	Season	Deciduous (D) Evergreen (E)	Bloom Color
		Grassland	Pinyon/Juniper	Chaparral	Oak Woodland	Ponderosa	Montane				
Creeping Thyme	<i>Thymus praecox arcticus</i>	•	•	•	•	•	•	5-8	Summer	E	White to pink blooms, water use varies by soil conditions
Lowfast Cotoneaster	<i>Cotoneaster dammeri</i>	•	•	•	•	•	•	5-8	Spring/Fall	E	White blooms in spring, red berries in fall
Woodbine	<i>Parthenocissus inserta</i>		•	•	•	•	•	9-12	Fall	D	Early red foliage
Winter Jasmine	<i>Jasminum nudiflorum</i>	•	•	•	•	•	•	5-8	Spring	E	Yellow blooms



Shrubs

Frequently Available at Local Nurseries

Apache Plume

Botanical Name: *Fallugia paradoxa*

The Apache Plume is considered valuable for erosion control in desert areas. Apache Plume is easy to grow and blooms in the first year from seed.

Zone: Grassland/Pinyon Juniper/
Chaparral/Oak Woodland/
Ponderosa/Montane

Water Use: 0-4" annually

Flowering: Fall

Bloom Color: White, Pink
feathery seed heads



Shrubs



Bear Grass

Botanical Name: *Nolina microcarpa*



Zone: Grassland/Pinyon Juniper/Chaparral/Oak Woodland/Ponderosa/Montane

Water Use: 0-4" annually

Flowering: Summer

Bloom Color: Interesting white flower stalks



Blue Mist

Botanical Name: *Caryopteris x clandonensis*

Blue Mist grows in a low mound, is tolerant of drought, and has few natural pests. Valued for its aromatic foliage, this shrub's clustered, nearly-blue flowers, are a favorite among butterflies and bees, making the Blue Mist great for attracting late summer pollinators.

Zone: Grassland/Pinyon Juniper/Chaparral/Oak Woodland/Ponderosa/Montane

Water Use: 5-8" annually

Flowering: Summer

Bloom Color: Blue

Comment: Attracts Bees



Butterfly Bush

Botanical Name: *Buddleja davidii*

This shrub is commonly kept as an ornamental and attractor for butterflies, bees, and hummingbirds. Once established, plants require only occasional watering.

Zone: Grassland/Pinyon Juniper/Chaparral/Oak Woodland/Ponderosa/Montane

Water Use: 5-8" annually

Flowering: June - October

Bloom Color: White to purple

Shrubs



Manzanita

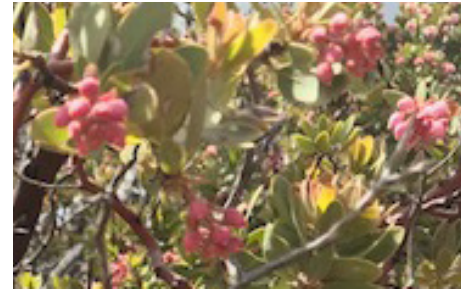
Botanical Name: *Arctostaphylos* spp.

Zone: Pinyon Juniper/
Chaparral/Oak Woodland/
Ponderosa/Montane

Water Use: 5-8" annually

Flowering: Spring - Summer

Bloom Color: Pink



Mountain Mahogany

Botanical Name: *Cercocarpus montanus*

Mountain mahogany, while not a true mahogany, is a member of a nine species genus of nitrogen-fixing plants in the rose family.

Zone: Grassland/Pinyon
Juniper/Chaparral/Oak Wood-
land/Ponderosa/Montane

Water Use: 0-4" annually

Flowering: Fall

Bloom Color: Fall seeds with
feathery tails



Oregon Grape

Botanical Name: *Mahonia aquifolium*



Zone: Grassland/Pinyon
Juniper/Chaparral/Oak Wood-
land/Ponderosa/Montane

Water Use: 5-8" annually

Flowering: Spring

Bloom Color: Yellow fragrant
blooms, Burgundy foliage in
winter

Shrubs



Prickly Pear / Cholla

Botanical Name: *Opuntia* spp.

Zone: Grassland/ Pinyon
Juniper/Chaparral/Oak
Woodland/Ponderosa/Montane

Water Use:
0-4" annually

Flowering:
Summer

Bloom Color: Showy cactus
blooms, color varies



Red Yucca

Botanical Name: *Hesperaloe parviflora*

Zone: Grassland/ Pinyon
Juniper/Chaparral/Oak
Woodland/Ponderosa/
Montane

Water Use: 0-4" annually

Flowering: Summer

Bloom Color:
Yellow or Red



Shrubby Cinquefoil

Botanical Name: *Potentilla fruticosa*

Zone: Grassland/ Pinyon
Juniper/Chaparral/Oak
Woodland/Ponderosa/
Montane

Water Use: 5-8" annually

Flowering:
Summer

Bloom Color:
Yellow

Shrubs

Additional Shrubs

Common Name	Botanical Name	Zone						Water Use (Inches per year)	Deciduous (D) Evergreen (E)	Season	Bloom Color
		Grassland	Pinyon/Juniper	Chaparral	Oak Woodland	Ponderosa	Montane				
Catclaw	Acacia greggii	•	•	•	•			0-4	D	Spring	Yellow
Fringed Sage	Artemisia frigida	•	•	•	•	•	•	0-4	E	Spring	Yellow
Deer Brush	Ceanothus integrissimus	•	•	•	•	•	•	0-4	E	Summer	White
Gray Cotoneaster	Cotoneaster glaucophyllus	•	•	•	•	•	•	0-4	E	Spring/ Winter	White blooms in spring, red berries in winter
Flowering Quince	Chaenomeles speciosa	•	•	•	•	•	•	5-8	D	Spring	White to red showy blooms
Silverberry	Elaeagnus pungens	•	•	•	•			0-4	E	Winter	Small white fragrant blooms, multicolored foliage
Cliffrose	Purshia mexicana (Cowania mexicana)	•	•	•	•	•	•	0-4	E	Summer	White fragrant blooms
Rugosa Rose	Rosa rugosa	•	•	•	•	•	•	5-8	D	Spring	Colors vary, colorful rose hips
Spanish Broom	Spartium junceum	•	•	•	•	•	•	0-4	E	Spring	Yellow blooms, green stemmy structure
False Indigo	Amorpha fruticosa	•	•	•	•	•	•	5-8	D	Spring/ Fall	Purplish blue blooms in spring, yellowish foliage in Fall
Powis Castle	Artemisia 'Powis Castle'	•	•	•	•	•	•	0-4	E	Spring	Silver foliage
Gray Rabbit Brush	Ericameria nauseosa (Chrysothamnus nauseosus)	•	•	•	•	•	•	0-4	E	Summer	Yellow
Forsythia	Forsythia x intermedia	•	•	•	•	•	•	5-8	D	Spring	Profuse yellow blooms
Wright's Silk Tassel	Garrya wrightii		•	•	•	•	•	0-4	E		Will grow in full shade



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Community Development

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