



Botanical Name	<i>Muhlenbergia capillaris</i> 'Regal Mist'
Common Name	Regal Mist Grass
Type	Perennial
Exposure	Full Sun / Partial Sun
Width	3 ft
Height	3 ft
Region	High & Intermediate Desert
Water Use Category	Moderate

Water Use Requirement (gallons per day) - Las Vegas, NV

Based on Historical ET_o - Las Vegas, NV

WUCOLS IV - MODERATE WATER USE COEFFICIENT

Regal Mist Grass

0.40

Muhlenbergia capillaris 'Regal Mist'

Regal Mist Grass

Muhlenbergia capillaris 'Regal Mist'

height 3' width 3'

light full sun / partial sun

water reqt. moderate

foliage na



	Las Vegas	Las Vegas	Las Vegas	Las Vegas	
	ET _o	ET _o	Ornamental	Ornamental	
	Avg	Avg.	Req't	Req't	Canopy Area
	Monthly	daily	daily	daily	
			(inches)	gal/ft ²	
31 Mar	4.99	0.1610	0.0644	0.040	
30 Apr	7.21	0.2403	0.0961	0.060	
31 May	9.18	0.2961	0.1185	0.074	
30 Jun	11.38	0.3793	0.1517	0.095	
31 Jul	11.62	0.3748	0.1499	0.093	
31 Aug	10.11	0.3261	0.1305	0.081	
30 Sep	8.16	0.2720	0.1088	0.068	
31 Oct	5.56	0.1794	0.0717	0.045	

Diameter of Canopy (in feet)

1	2	3	4	5	6
0.8	3.14	7.06	12.6	20	28

GALLONS REQUIRED PER DAY BASED ON CANOPY AREA

0.03	0.13	0.28	0.50	0.79	1.14
0.05	0.19	0.42	0.75	1.18	1.69
0.06	0.23	0.52	0.93	1.45	2.09
0.08	0.30	0.67	1.19	1.86	2.68
0.07	0.29	0.66	1.17	1.83	2.64
0.07	0.26	0.57	1.02	1.60	2.30
0.05	0.21	0.48	0.85	1.33	1.92
0.04	0.14	0.32	0.56	0.88	1.26

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Botanical Name	Muhlenbergia emersleyi 'El Toro'
Common Name	El Toro Grass
Type	Ornamental Grass
Exposure	Full Sun / Partial Sun
Width	3 ft
Height	3 ft
Region	High & Intermediate Desert 5
Water Use Category	Moderate

Water Use Requirement (gallons per day) - Las Vegas, NV

Based on Historical ETo - Las Vegas, NV

WUCOLS IV - MODERATE WATER USE COEFFICIENT

El Toro Grass

0.40

Muhlenbergia emersleyi 'El Toro'

El Toro Grass

Muhlenbergia emersleyi 'El Toro'

height 3' width 3'
 light full sun / partial sun
 water reqt. moderate
 foliage evergreen



	Las Vegas	Las Vegas	Las Vegas	Las Vegas	
	ET _o	ET _o	Ornamental	Ornamental	
	Avg	Avg.	Req't	Req't	Canopy Area
	Monthly	daily	daily	daily	
			(inches)	gal/ft ²	
31 Mar	4.99	0.1610	0.0644	0.040	
30 Apr	7.21	0.2403	0.0961	0.060	
31 May	9.18	0.2961	0.1185	0.074	
30 Jun	11.38	0.3793	0.1517	0.095	
31 Jul	11.62	0.3748	0.1499	0.093	
31 Aug	10.11	0.3261	0.1305	0.081	
30 Sep	8.16	0.2720	0.1088	0.068	
31 Oct	5.56	0.1794	0.0717	0.045	

Diameter of Canopy (in feet)

1	2	3	4	5	6
0.8	3.14	7.06	12.6	20	28

GALLONS REQUIRED PER DAY BASED ON CANOPY AREA

0.03	0.13	0.28	0.50	0.79	1.14
0.05	0.19	0.42	0.75	1.18	1.69
0.06	0.23	0.52	0.93	1.45	2.09
0.08	0.30	0.67	1.19	1.86	2.68
0.07	0.29	0.66	1.17	1.83	2.64
0.07	0.26	0.57	1.02	1.60	2.30
0.05	0.21	0.48	0.85	1.33	1.92
0.04	0.14	0.32	0.56	0.88	1.26

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Botanical Name	<i>Muhlenbergia lindheimeri</i> 'Autumn Glow'
Common Name	Autumn Glow Grass
Type	Ornamental Grass
Exposure	Full Sun / Partial Sun
Width	5 ft
Height	5 ft
Region	High and Intermediate Desert 5
Water Use Category	Moderate

Water Use Requirement (gallons per day) - Las Vegas, NV

Based on Historical ETo - Las Vegas, NV

WUCOLS IV - MODERATE WATER USE COEFFICIENT

Autumn Glow Grass

0.40

Muhlenbergia lindheimeri 'Autumn Glo'

Autumn Glow Grass

Muhlenbergia lindheimeri 'Autumn Glow'

height 5' width 5'

light full sun / partial sun

water reqt. moderate

foliage na



	Las Vegas	Las Vegas	Las Vegas	Las Vegas	
	ET _o	ET _o	Ornamental	Ornamental	
	Avg.	Avg.	Req't	Req't	Canopy Area
	Monthly	daily	daily	daily	(inches)
					gal/ft ²
31 Mar	4.99	0.1610	0.0644	0.040	
30 Apr	7.21	0.2403	0.0961	0.060	
31 May	9.18	0.2961	0.1185	0.074	
30 Jun	11.38	0.3793	0.1517	0.095	
31 Jul	11.62	0.3748	0.1499	0.093	
31 Aug	10.11	0.3261	0.1305	0.081	
30 Sep	8.16	0.2720	0.1088	0.068	
31 Oct	5.56	0.1794	0.0717	0.045	

Diameter of Canopy (in feet)					
1	2	3	4	5	6
0.8	3.14	7.06	12.6	20	28

GALLONS REQUIRED PER DAY BASED ON CANOPY AREA					
0.03	0.13	0.28	0.50	0.79	1.14
0.05	0.19	0.42	0.75	1.18	1.69
0.06	0.23	0.52	0.93	1.45	2.09
0.08	0.30	0.67	1.19	1.86	2.68
0.07	0.29	0.66	1.17	1.83	2.64
0.07	0.26	0.57	1.02	1.60	2.30
0.05	0.21	0.48	0.85	1.33	1.92
0.04	0.14	0.32	0.56	0.88	1.26

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Botanical Name	<i>Muhlenbergia rigens</i>
Common Name	Deer Grass
Type	Ornamental Grass
Exposure	Full Sun / Partial Sun
Width	4 ft
Height	4 ft
Region	High & Intermediate Desert 5
Water Use Category	Moderate

Water Use Requirement (gallons per day) - Las Vegas, NV

Based on Historical ETo - Las Vegas, NV

WUCOLS IV - MODERATE WATER USE COEFFICIENT

Deer Grass

0.40

Muhlenbergia rigens

Deer Grass

Muhlenbergia rigens

height 4' width 4'

light full sun / partial sun

water reqt. moderate

foliage na



	Las Vegas	Las Vegas	Las Vegas	Las Vegas	
	ET _o	ET _o	Ornamental	Ornamental	
	Avg	Avg.	Req't	Req't	Canopy Area
	Monthly	daily	daily	daily	
			(inches)	gal/ft ²	
31 Mar	4.99	0.1610	0.0644	0.040	
30 Apr	7.21	0.2403	0.0961	0.060	
31 May	9.18	0.2961	0.1185	0.074	
30 Jun	11.38	0.3793	0.1517	0.095	
31 Jul	11.62	0.3748	0.1499	0.093	
31 Aug	10.11	0.3261	0.1305	0.081	
30 Sep	8.16	0.2720	0.1088	0.068	
31 Oct	5.56	0.1794	0.0717	0.045	

Diameter of Canopy (in feet)					
1	2	3	4	5	6
0.8	3.14	7.06	12.6	20	28

GALLONS REQUIRED PER DAY BASED ON CANOPY AREA					
0.03	0.13	0.28	0.50	0.79	1.14
0.05	0.19	0.42	0.75	1.18	1.69
0.06	0.23	0.52	0.93	1.45	2.09
0.08	0.30	0.67	1.19	1.86	2.68
0.07	0.29	0.66	1.17	1.83	2.64
0.07	0.26	0.57	1.02	1.60	2.30
0.05	0.21	0.48	0.85	1.33	1.92
0.04	0.14	0.32	0.56	0.88	1.26

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Botanical Name	<i>Nandina domestica</i>
Common Name	Heavenly Bamboo
Type	Shrub - Evergreen/Semi Deciduous
Exposure	Full Sun / Partial Sun
Width	2 - 6 ft
Height	2 - 3 ft
Region	High & Intermediate Desert 5
Water Use Category	Moderate

Water Use Requirement (gallons per day) - Las Vegas, NV

Based on Historical ETo - Las Vegas, NV

WUCOLS IV - MODERATE WATER USE COEFFICIENT

Heavenly Bamboo

0.40

Nandina domestica

Heavenly Bamboo
Nandina domestica

height 2 - 3 ' **width** 2 - 6 '
light full sun / partial sun
water reqt. moderate
foliage evergreen semi deciduous



	Las Vegas	Las Vegas	Las Vegas	Las Vegas	
	ET _o	ET _o	Ornamental	Ornamental	
	Avg	Avg.	Req't	Req't	Canopy Area
	Monthly	daily	daily	daily	
			(inches)	gal/ft ²	
31 Mar	4.99	0.1610	0.0644	0.040	
30 Apr	7.21	0.2403	0.0961	0.060	
31 May	9.18	0.2961	0.1185	0.074	
30 Jun	11.38	0.3793	0.1517	0.095	
31 Jul	11.62	0.3748	0.1499	0.093	
31 Aug	10.11	0.3261	0.1305	0.081	
30 Sep	8.16	0.2720	0.1088	0.068	
31 Oct	5.56	0.1794	0.0717	0.045	

Diameter of Canopy (in feet)					
1	2	3	4	5	6
0.8	3.14	7.06	12.6	20	28

GALLONS REQUIRED PER DAY BASED ON CANOPY AREA					
0.03	0.13	0.28	0.50	0.79	1.14
0.05	0.19	0.42	0.75	1.18	1.69
0.06	0.23	0.52	0.93	1.45	2.09
0.08	0.30	0.67	1.19	1.86	2.68
0.07	0.29	0.66	1.17	1.83	2.64
0.07	0.26	0.57	1.02	1.60	2.30
0.05	0.21	0.48	0.85	1.33	1.92
0.04	0.14	0.32	0.56	0.88	1.26

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Botanical Name	<i>Nasella tenuissima</i> - <i>Stipa tenuissima</i>
Common Name	Mexican Feather Grass
Type	Ornamental Grass
Exposure	Full Sun / Partial Sun
Width	1 - 2 ft
Height	1 - 2 ft
Region	High & Intermediate Desert 5
Water Use Category	Low

Water Use Requirement (gallons per day) - Las Vegas, NV

Based on Historical ETo - Las Vegas, NV
WUCOLS IV - LOW WATER USE COEFFICIENT

Mexican Feather Grass

Nasella tenuissima - Stipa tenuissima

0.20

Mexican Feather Grass

Nasella tenuissima - Stipa tenuissima

height 2' width 2'
light full sun / partial sun
water reqt. low
foliage evergreen



	Las Vegas	Las Vegas	Las Vegas	Las Vegas	
	ET _o	ET _o	Ornamental	Ornamental	
	Avg	Avg.	Req't	Req't	Canopy Area
	Monthly	daily	daily	daily	
			(inches)	gal/ft ²	
31 Mar	4.99	0.1610	0.0322	0.020	
30 Apr	7.21	0.2403	0.0481	0.030	
31 May	9.18	0.2961	0.0592	0.037	
30 Jun	11.38	0.3793	0.0759	0.047	
31 Jul	11.62	0.3748	0.0750	0.047	
31 Aug	10.11	0.3261	0.0652	0.041	
30 Sep	8.16	0.2720	0.0544	0.034	
31 Oct	5.56	0.1794	0.0359	0.022	

Diameter of Canopy (in feet)

1	2	3	4	5	6
0.8	3.14	7.06	12.6	20	28

GALLONS REQUIRED PER DAY BASED ON CANOPY AREA

0.02	0.06	0.14	0.25	0.39	0.57
0.02	0.09	0.21	0.38	0.59	0.85
0.03	0.12	0.26	0.46	0.72	1.04
0.04	0.15	0.33	0.59	0.93	1.34
0.04	0.15	0.33	0.59	0.92	1.32
0.03	0.13	0.29	0.51	0.80	1.15
0.03	0.11	0.24	0.43	0.67	0.96
0.02	0.07	0.16	0.28	0.44	0.63

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Botanical Name	<i>Nerium oleander</i> 'light pink'
Common Name	Light Pink Oleander
Type	Shrub
Exposure	Full Sun
Width	15 ft
Height	15 ft
Region	High & Intermediate Desert 5
Water Use Category	Moderate

Water Use Requirement (gallons per day) - Las Vegas, NV

Based on Historical ETo - Las Vegas, NV

WUCOLS IV - MODERATE WATER USE COEFFICIENT

Light Pink Oleander

Nerium oleander 'light pink'

0.40

Mature Size

Light Pink Oleander

Nerium oleander 'light pink'

height 15' width 15'

light full sun

water reqt. moderate

foliage evergreen



	Las Vegas	Las Vegas	Las Vegas	Las Vegas	Canopy Area
	ET _o	ET _o	Ornamental	Ornamental	
	Avg.	Avg.	Req't	Req't	
	Monthly	daily	daily	daily	
			(inches)	gal/ft ²	
31 Mar	4.99	0.1610	0.0644	0.040	
30 Apr	7.21	0.2403	0.0961	0.060	
31 May	9.18	0.2961	0.1185	0.074	
30 Jun	11.38	0.3793	0.1517	0.095	
31 Jul	11.62	0.3748	0.1499	0.093	
31 Aug	10.11	0.3261	0.1305	0.081	
30 Sep	8.16	0.2720	0.1088	0.068	
31 Oct	5.56	0.1794	0.0717	0.045	

Diameter of Canopy (in feet)									
4	6	8	10	12	14	16	18	20	
12.56	28	50.2	78.5	113	154	201	254	314	
GALLONS REQUIRED PER DAY BASED ON CANOPY AREA									
0.50	1.12	2.01	3.15	4.5	6.2	8	10	13	
0.75	1.68	3.01	4.70	6.8	9.2	12	15	19	
0.93	2.07	3.70	5.79	8.3	11.4	15	19	23	
1.19	2.65	4.75	7.42	10.7	14.6	19	24	30	
1.17	2.62	4.69	7.33	10.6	14.4	19	24	29	
1.02	2.28	4.08	6.38	9.2	12.5	16	21	26	
0.85	1.90	3.40	5.32	7.7	10.4	14	17	21	
0.56	1.25	2.24	3.51	5.1	6.9	9	11	14	

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Botanical Name	<i>Nolina microcarpa</i>
Common Name	Bear grass
Type	Perennial Shrub
Exposure	Full Sun / Partial Sun
Width	5 ft
Height	4 ft
Region	High & Intermediate Desert 5
Water Use Category	Low

Water Use Requirement (gallons per day) - Las Vegas, NV

Based on Historical ETo - Las Vegas, NV

WUCOLS IV - LOW WATER USE COEFFICIENT

Bear grass

Nolina microcarpa

0.20

Bear grass

Nolina microcarpa



height 4' width 5'

light full sun

water reqt. low

foliage evergreen

	Las Vegas	Las Vegas	Las Vegas	Las Vegas	Canopy Area
	ET _o	ET _o	Ornamental	Ornamental	
	Avg	Avg.	Req't	Req't	
	Monthly	daily	daily	daily	
			(inches)	gal/ft ²	

31	Mar	4.99	0.1610	0.0322	0.020
30	Apr	7.21	0.2403	0.0481	0.030
31	May	9.18	0.2961	0.0592	0.037
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30	Sep	8.16	0.2720	0.0544	0.034
31	Oct	5.56	0.1794	0.0359	0.022

Diameter of Canopy (in feet)					
1	2	3	4	5	6
0.8	3.14	7.06	12.6	20	28

GALLONS REQUIRED PER DAY BASED ON CANOPY AREA

0.02	0.06	0.14	0.25	0.39	0.57
0.02	0.09	0.21	0.38	0.59	0.85
0.03	0.12	0.26	0.46	0.72	1.04
0.04	0.15	0.33	0.59	0.93	1.34
0.04	0.15	0.33	0.59	0.92	1.32
0.03	0.13	0.29	0.51	0.80	1.15
0.03	0.11	0.24	0.43	0.67	0.96
0.02	0.07	0.16	0.28	0.44	0.63

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Latin Name	<i>Nolina nelsonii</i>
Common Name	Blue Nolina
Type	Perennial Shrub
Exposure	Full Sun / Partial Sun
Width	4 ft
Height	4 ft
Region	High & Intermediate Desert 5
Water Use Category	Low

Water Use Requirement (gallons per day) - Las Vegas, NV

Based on Historical ETo - Las Vegas, NV
WUCOLS IV - LOW WATER USE COEFFICIENT

Blue Nolina

0.20

Nolina nelsonii

Blue Nolina
Nolina nelsonii



height 4' width 4'
light full sun
water reqt. low
foliage evergreen

	Las Vegas	Las Vegas	Las Vegas	Las Vegas	
	ET _o	ET _o	Ornamental	Ornamental	
	Avg	Avg.	Req't	Req't	Canopy Area
	Monthly	daily	daily	daily	
			(inches)	gal/ft ²	
31 Mar	4.99	0.1610	0.0322	0.020	
30 Apr	7.21	0.2403	0.0481	0.030	
31 May	9.18	0.2961	0.0592	0.037	
30 Jun	11.38	0.3793	0.0759	0.047	
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31 Aug	10.11	0.3261	0.0652	0.041	
30 Sep	8.16	0.2720	0.0544	0.034	
31 Oct	5.56	0.1794	0.0359	0.022	

Diameter of Canopy (in feet)

1	2	3	4	5	6
0.8	3.14	7.06	12.6	20	28

GALLONS REQUIRED PER DAY BASED ON CANOPY AREA

0.02	0.06	0.14	0.25	0.39	0.57
0.02	0.09	0.21	0.38	0.59	0.85
0.03	0.12	0.26	0.46	0.72	1.04
0.04	0.15	0.33	0.59	0.93	1.34
0.04	0.15	0.33	0.59	0.92	1.32
0.03	0.13	0.29	0.51	0.80	1.15
0.03	0.11	0.24	0.43	0.67	0.96
0.02	0.07	0.16	0.28	0.44	0.63

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Botanical Name	<i>Olea europaea 'Wilsoni'</i> <i>Natural</i>
Common Name	Wilson Olive - Natural
Type	Tree / Shrub - Evergreen
Exposure	Full Sun / Partial Sun
Width	25 ft
Height	20 ft
Region	High & Intermediate Desert 5
Water Use Category	Low

Water Use Requirement (gallons per day) - Las Vegas, NV

Based on Historical ET_o - Las Vegas, NV
 WUCOLS IV - LOW WATER USE COEFFICIENT

Wilson Olive - Natural

Olea europaea 'Wilsoni' Natural

0.20

Wilson Olive - Natural

Olea europaea 'Wilsoni' Natural

height 20'

width 25'

light na

water reqt. low

foliage evergreen



	Las Vegas	Las Vegas	Las Vegas	Las Vegas
	ET _o	ET _o	Ornamental	Ornamental
	Avg	Avg.	Req't	Req't
	Monthly	daily	daily	daily
			(inches)	gal/ft ²
31 Mar	4.99	0.1610	0.0322	0.020
30 Apr	7.21	0.2403	0.0481	0.030
31 May	9.18	0.2961	0.0592	0.037
30 Jun	11.38	0.3793	0.0759	0.047
31 Jul	11.62	0.3748	0.0750	0.047
31 Aug	10.11	0.3261	0.0652	0.041
30 Sep	8.16	0.2720	0.0544	0.034
31 Oct	5.56	0.1794	0.0359	0.022

		Diameter of Canopy (in feet)													
		4	6	8	10	12	14	16	18	20	22	24	26	28	30
Canopy Area		12.56	28	50.2	78.5	113	154	201	254	314	380	452	531	615	706
		GALLONS REQUIRED PER DAY BASED ON CANOPY AREA													
0.25	0.56	1.01	1.57	2.3	3.1	4.0	5.1	6.3	7.6	9.1	10.7	12.3	14.2		
0.38	0.84	1.50	2.35	3.4	4.6	6.0	7.6	9.4	11.4	13.5	15.9	18.4	21.1		
0.46	1.03	1.85	2.90	4.2	5.7	7.4	9.4	11.6	14.0	16.7	19.6	22.7	26.0		
0.59	1.32	2.37	3.71	5.3	7.3	9.5	12.0	14.8	18.0	21.4	25.1	29.1	33.4		
0.59	1.31	2.34	3.67	5.3	7.2	9.4	11.9	14.7	17.7	21.1	24.8	28.7	33.0		
0.51	1.14	2.04	3.19	4.6	6.3	8.2	10.3	12.8	15.4	18.4	21.6	25.0	28.7		
0.43	0.95	1.70	2.66	3.8	5.2	6.8	8.6	10.6	12.9	15.3	18.0	20.8	23.9		

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Botanical Name	<i>Opuntia acanthocarpa</i>
Common Name	Buck-Horn Cholla
Type	Shrub / Succulent
Exposure	Full Sun / Partial Sun
Width	2 - 6 ft
Height	2 - 6 ft
Region	High & Intermediate Desert 5
Water Use Category	Very Low

Water Use Requirement (gallons per day) - Las Vegas, NV

Based on Historical ET_o - Las Vegas, NV

WUCOLS IV - VERY LOW WATER USE COEFFICIENT

Buck-Horn Cholla

0.10

Opuntia acanthocarpa

Buck-Horn Cholla

Opuntia acanthocarpa



height 6' **width** 6'

light full sun

water reqt. very low

foliage evergreen

	Las Vegas	Las Vegas	Las Vegas	Las Vegas	
	ET _o	ET _o	Ornamental	Ornamental	
	Avg	Avg.	Req't	Req't	Canopy Area
	Monthly	daily	daily	daily	
			(inches)	gal/ft ²	

31	Mar	4.99	0.1610	0.0161	0.010
30	Apr	7.21	0.2403	0.0240	0.015
31	May	9.18	0.2961	0.0296	0.018
30	Jun	11.38	0.3793	0.0379	0.024
31	Jul	11.62	0.3748	0.0375	0.023
31	Aug	10.11	0.3261	0.0326	0.020
30	Sep	8.16	0.2720	0.0272	0.017
31	Oct	5.56	0.1794	0.0179	0.011

Diameter of Canopy (in feet)

1	2	3	4	5	6
0.8	3.14	7.06	12.6	20	28

GALLONS REQUIRED PER DAY BASED ON CANOPY AREA

0.01	0.03	0.07	0.13	0.20	0.28
0.01	0.05	0.11	0.19	0.29	0.42
0.01	0.06	0.13	0.23	0.36	0.52
0.02	0.07	0.17	0.30	0.46	0.67
0.02	0.07	0.16	0.29	0.46	0.66
0.02	0.06	0.14	0.26	0.40	0.57
0.01	0.05	0.12	0.21	0.33	0.48
0.01	0.04	0.08	0.14	0.22	0.32

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Botanical Name	<i>Opuntia basilaris</i> - v. <i>basilaris</i>
Common Name	Beavertail pricklypear
Type	Shrub / Succulent
Exposure	Full Sun
Width	4 ft
Height	1 ft
Region	High & Intermediate Desert 5
Water Use Category	Very Low

Water Use Requirement (gallons per day) - Las Vegas, NV

Based on Historical ET_o - Las Vegas, NV

WUCOLS IV - VERY LOW WATER USE COEFFICIENT

Beavertail pricklypear 0.10

Opuntia basilaris v. basilaris

	Las Vegas	Las Vegas	Las Vegas	Las Vegas	
	ET _o	ET _o	Ornamental	Ornamental	
	Avg	Avg.	Req't	Req't	Canopy Area
	Monthly	daily	daily	daily	
			(inches)	gal/ft ²	
31 Mar	4.99	0.1610	0.0161	0.010	
30 Apr	7.21	0.2403	0.0240	0.015	
31 May	9.18	0.2961	0.0296	0.018	
30 Jun	11.38	0.3793	0.0379	0.024	
31 Jul	11.62	0.3748	0.0375	0.023	
31 Aug	10.11	0.3261	0.0326	0.020	
30 Sep	8.16	0.2720	0.0272	0.017	
31 Oct	5.56	0.1794	0.0179	0.011	

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Beavertail pricklypear
Opuntia basilaris - v. basilaris

height 1' width 4'
light full sun
water reqt. Very low
foliage evergreen



Diameter of Canopy (in feet)					
1	2	3	4	5	6
0.8	3.14	7.06	12.6	20	28

GALLONS REQUIRED PER DAY BASED ON CANOPY AREA					
0.01	0.03	0.07	0.13	0.20	0.28
0.01	0.05	0.11	0.19	0.29	0.42
0.01	0.06	0.13	0.23	0.36	0.52
0.02	0.07	0.17	0.30	0.46	0.67
0.02	0.07	0.16	0.29	0.46	0.66
0.02	0.06	0.14	0.26	0.40	0.57
0.01	0.05	0.12	0.21	0.33	0.48
0.01	0.04	0.08	0.14	0.22	0.32





Botanical Name	<i>Orocereus celsianus</i>
Common Name	Old Man of the Andes
Type	Shrub / Cactus
Exposure	Full Sun
Width	2 ft
Height	6 ft
Region	High and Intermediate Desert 5
Water Use Category	Low

Water Use Requirement (gallons per day) - Las Vegas, NV

Based on Historical ETo - Las Vegas, NV
WUCOLS IV - LOW WATER USE COEFFICIENT

Old Man of the Andes **0.20**
Orocereus celsianus

Old Man of the Andes
Orocereus celsianus



height 6' width 2'
 light full sun / partial sun
 water reqt. low
 foliage evergreen

	Las Vegas	Las Vegas	Las Vegas	Las Vegas	Canopy Area
	ET _o	ET _o	Ornamental	Ornamental	
	Avg.	Avg.	Req't	Req't	
	Monthly	daily	daily	daily	
			(inches)	gal/ft ²	
31 Mar	4.99	0.1610	0.0322	0.020	
30 Apr	7.21	0.2403	0.0481	0.030	
31 May	9.18	0.2961	0.0592	0.037	
30 Jun	11.38	0.3793	0.0759	0.047	
31 Jul	11.62	0.3748	0.0750	0.047	
31 Aug	10.11	0.3261	0.0652	0.041	
30 Sep	8.16	0.2720	0.0544	0.034	
31 Oct	5.56	0.1794	0.0359	0.022	

Diameter of Canopy (in feet)					
1	2	3	4	5	6
0.8	3.14	7.06	12.6	20	28

GALLONS REQUIRED PER DAY BASED ON CANOPY AREA					
0.02	0.06	0.14	0.25	0.39	0.57
0.02	0.09	0.21	0.38	0.59	0.85
0.03	0.12	0.26	0.46	0.72	1.04
0.04	0.15	0.33	0.59	0.93	1.34
0.04	0.15	0.33	0.59	0.92	1.32
0.03	0.13	0.29	0.51	0.80	1.15
0.03	0.11	0.24	0.43	0.67	0.96
0.02	0.07	0.16	0.28	0.44	0.63

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Botanical Name	<i>Parkinsonia microphylla</i> (<i>Cercidium</i>)
Common Name	Little Leaf Palo Verde
Type	Tree
Exposure	Full Sun
Width	30 ft
Height	30 ft
Region	High & Intermediate Desert 5
Water Use Category	Low

Water Use Requirement (gallons per day)-Las Vegas, NV

Based on Historical Eto - Las Vegas, NV
 SNWA - LOW WATER USE COEFFICIENT*

Little Leaf Palo Verde 0.20

Parkisonia microphylla (Cercidium)

*WUCOLS deems this plant inappropriate for the region

Little Leaf Palo Verde

Parkisonia microphylla (Cercidium)

height 30' width 30'

light na

water reqt. low

foliage deciduous



		Las Vegas	Las Vegas	Las Vegas	Las Vegas	Diameter of Canopy (in feet)														
		ET ₀	ET ₀	Ornamental	Ornamental	4	6	8	10	12	14	16	18	20	22	24	26	28	30	
		Avg	Avg.	Req't	Req't	Canopy Area		GALLONS REQUIRED PER DAY BASED ON CANOPY AREA												
		Monthly	daily	daily	daily															
				(inches)	gal/ft ²															
31	Mar	4.99	0.1610	0.0322	0.020	0.25	0.56	1.01	1.57	2.3	3.1	4.0	5.1	6.3	7.6	9.1	10.7	12.3	14.2	
30	Apr	7.21	0.2403	0.0481	0.030	0.38	0.84	1.50	2.35	3.4	4.6	6.0	7.6	9.4	11.4	13.5	15.9	18.4	21.1	
31	May	9.18	0.2961	0.0592	0.037	0.46	1.03	1.85	2.90	4.2	5.7	7.4	9.4	11.6	14.0	16.7	19.6	22.7	26.0	
30	Jun	11.38	0.3793	0.0759	0.047	0.59	1.32	2.37	3.71	5.3	7.3	9.5	12.0	14.8	18.0	21.4	25.1	29.1	33.4	
31	Jul	11.62	0.3748	0.0750	0.047	0.59	1.31	2.34	3.67	5.3	7.2	9.4	11.9	14.7	17.7	21.1	24.8	28.7	33.0	
31	Aug	10.11	0.3261	0.0652	0.041	0.51	1.14	2.04	3.19	4.6	6.3	8.2	10.3	12.8	15.4	18.4	21.6	25.0	28.7	
30	Sep	8.16	0.2720	0.0544	0.034	0.43	0.95	1.70	2.66	3.8	5.2	6.8	8.6	10.6	12.9	15.3	18.0	20.8	23.9	
31	Oct	5.56	0.1794	0.0359	0.022	0.28	0.63	1.12	1.75	2.5	3.4	4.5	5.7	7.0	8.5	10.1	11.9	13.7	15.8	

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Botanical Name	<i>Parkinsonia x Desert Museum (Cercidium)</i>
Common Name	Desert Museum Palo Verde
Type	Tree / Semi Deciduous
Exposure	Full Sun
Width	25 ft
Height	25 ft
Region	High & Intermediate Desert 5
Water Use Category	Low

Water Use Requirement (gallons per day) - Las Vegas, NV

Based on Historical ETo - Las Vegas, NV

SNWA - LOW WATER USE COEFFICIENT*

Desert Museum Palo Verde 0.20

Parkisonia x Desert Museum (Cercidium)

*WUCOLS does not provide a coefficient for this plant

Desert Museum Palo Verde

Parkisonia x Desert Museum (Cercidium)

height 25' width 25'

light na

water reqt. low

foliage semi deciduous



	Las Vegas ET _o Avg Monthly	Las Vegas ET _o Avg. daily	Las Vegas Ornamental Req't daily		4 12.56	6 28	Diameter of Canopy (in feet)														
			(inches)	gal/ft ²			8	10	12	14	16	18	20	22	24	26	28	30			
					Canopy Area		GALLONS REQUIRED PER DAY BASED ON CANOPY AREA														
31 Mar	4.99	0.1610	0.0322	0.020	0.25	0.56	1.01	1.57	2.3	3.1	4.0	5.1	6.3	7.6	9.1	10.7	12.3	14.2			
30 Apr	7.21	0.2403	0.0481	0.030	0.38	0.84	1.50	2.35	3.4	4.6	6.0	7.6	9.4	11.4	13.5	15.9	18.4	21.1			
31 May	9.18	0.2961	0.0592	0.037	0.46	1.03	1.85	2.90	4.2	5.7	7.4	9.4	11.6	14.0	16.7	19.6	22.7	26.0			
30 Jun	11.38	0.3793	0.0759	0.047	0.59	1.32	2.37	3.71	5.3	7.3	9.5	12.0	14.8	18.0	21.4	25.1	29.1	33.4			
31 Jul	11.62	0.3748	0.0750	0.047	0.59	1.31	2.34	3.67	5.3	7.2	9.4	11.9	14.7	17.7	21.1	24.8	28.7	33.0			
31 Aug	10.11	0.3261	0.0652	0.041	0.51	1.14	2.04	3.19	4.6	6.3	8.2	10.3	12.8	15.4	18.4	21.6	25.0	28.7			
30 Sep	8.16	0.2720	0.0544	0.034	0.43	0.95	1.70	2.66	3.8	5.2	6.8	8.6	10.6	12.9	15.3	18.0	20.8	23.9			
31 Oct	5.56	0.1794	0.0359	0.022																	

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Botanical Name	<i>Parkinsonia x florida (Cercidium)</i>
Common Name	Blue Palo Verde
Type	Tree / Shrub - Evergreen
Exposure	Full Sun / Partial Sun
Width	15 - 30 ft
Height	15 - 30 ft
Region	High & Intermediate Desert 5
Water Use Category	Low

Water Use Requirement (gallons per day) - Las Vegas, NV

Based on Historical ET_o - Las Vegas, NV

SNWA - LOW WATER USE COEFFICIENT*

Blue Palo Verde

0.20

Parkisonia x florida (Cercidium)

*WUCOLS does not provide a coefficient for this plant

Blue Palo Verde

Parkisonia x florida (Cercidium)

height 30'

width 30'

light na

water reqt. low

foliage deciduous



	Las Vegas ET _o Avg Monthly	Las Vegas ET _o Avg. daily	Las Vegas Ornamental		Canopy Area	Diameter of Canopy (in feet)														
			Las Vegas Ornamental Req't daily (inches)	Las Vegas Ornamental Req't daily gal/ft ²		4	6	8	10	12	14	16	18	20	22	24	26	28	30	
						GALLONS REQUIRED PER DAY BASED ON CANOPY AREA														
31 Mar	4.99	0.1610	0.0322	0.020	0.25	0.56	1.01	1.57	2.3	3.1	4.0	5.1	6.3	7.6	9.1	10.7	12.3	14.2		
30 Apr	7.21	0.2403	0.0481	0.030	0.38	0.84	1.50	2.35	3.4	4.6	6.0	7.6	9.4	11.4	13.5	15.9	18.4	21.1		
31 May	9.18	0.2961	0.0592	0.037	0.46	1.03	1.85	2.90	4.2	5.7	7.4	9.4	11.6	14.0	16.7	19.6	22.7	26.0		
30 Jun	11.38	0.3793	0.0759	0.047	0.59	1.32	2.37	3.71	5.3	7.3	9.5	12.0	14.8	18.0	21.4	25.1	29.1	33.4		
31 Jul	11.62	0.3748	0.0750	0.047	0.59	1.31	2.34	3.67	5.3	7.2	9.4	11.9	14.7	17.7	21.1	24.8	28.7	33.0		
31 Aug	10.11	0.3261	0.0652	0.041	0.51	1.14	2.04	3.19	4.6	6.3	8.2	10.3	12.8	15.4	18.4	21.6	25.0	28.7		
30 Sep	8.16	0.2720	0.0544	0.034	0.43	0.95	1.70	2.66	3.8	5.2	6.8	8.6	10.6	12.9	15.3	18.0	20.8	23.9		
31 Oct	5.56	0.1794	0.0359	0.022																

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Botanical Name	<i>Pennisetum x advena</i> 'Rubrum'
Common Name	Red Fountain Grass
Type	Ornamental Grass
Exposure	Full Sun
Width	3 ft
Height	4 ft
Region	High & Intermediate Desert 5
Water Use Category	Moderate

Water Use Requirement (gallons per day) - Las Vegas, NV

Based on Historical ETo - Las Vegas, NV

WUCOLS IV - MODERATE WATER USE COEFFICIENT

Red Fountain Grass

0.40

Pennisetum x advena 'Rubrum'

Red Fountain Grass

Pennisetum x advena 'Rubrum'

height 4' width 3'

light full sun

water reqt. moderate

foliage semi deciduous



	Las Vegas	Las Vegas	Las Vegas	Las Vegas	
	ET _o	ET _o	Ornamental	Ornamental	
	Avg.	Avg.	Req't	Req't	Canopy Area
	Monthly	daily	daily	daily	(inches)
					gal/ft ²
31 Mar	4.99	0.1610	0.0644	0.040	
30 Apr	7.21	0.2403	0.0961	0.060	
31 May	9.18	0.2961	0.1185	0.074	
30 Jun	11.38	0.3793	0.1517	0.095	
31 Jul	11.62	0.3748	0.1499	0.093	
31 Aug	10.11	0.3261	0.1305	0.081	
30 Sep	8.16	0.2720	0.1088	0.068	
31 Oct	5.56	0.1794	0.0717	0.045	

Diameter of Canopy (in feet)

1	2	3	4	5	6
0.8	3.14	7.06	12.6	20	28

GALLONS REQUIRED PER DAY BASED ON CANOPY AREA

0.03	0.13	0.28	0.50	0.79	1.14
0.05	0.19	0.42	0.75	1.18	1.69
0.06	0.23	0.52	0.93	1.45	2.09
0.08	0.30	0.67	1.19	1.86	2.68
0.07	0.29	0.66	1.17	1.83	2.64
0.07	0.26	0.57	1.02	1.60	2.30
0.05	0.21	0.48	0.85	1.33	1.92
0.04	0.14	0.32	0.56	0.88	1.26

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Botanical Name	<i>Perovskia atriplicifolia</i>
Common Name	Russian Sage
Type	Perennial Shrub
Exposure	Full Sun / Partial Sun
Width	1 - 2 ft
Height	2 - 3 ft
Region	High & Intermediate Desert 5
Water Use Category	Low

Water Use Requirement (gallons per day) - Las Vegas, NV

Based on Historical ET_o - Las Vegas, NV
WUCOLS IV - LOW WATER USE COEFFICIENT

Russian Sage

Perovskia atriplicifolia

0.20

Russian Sage

Perovskia atriplicifolia



height 3' width 2'
 light full sun / partial sun
 water reqt. low
 foliage evergreen

	Las Vegas	Las Vegas	Las Vegas	Las Vegas	Canopy Area
	ET _o	ET _o	Ornamental	Ornamental	
	Avg.	Avg.	Req't	Req't	
	Monthly	daily	daily	daily	
			(inches)	gal/ft ²	
31 Mar	4.99	0.1610	0.0322	0.020	
30 Apr	7.21	0.2403	0.0481	0.030	
31 May	9.18	0.2961	0.0592	0.037	
30 Jun	11.38	0.3793	0.0759	0.047	
31 Jul	11.62	0.3748	0.0750	0.047	
31 Aug	10.11	0.3261	0.0652	0.041	
30 Sep	8.16	0.2720	0.0544	0.034	
31 Oct	5.56	0.1794	0.0359	0.022	

Diameter of Canopy (in feet)					
1	2	3	4	5	6
0.8	3.14	7.06	12.6	20	28

GALLONS REQUIRED PER DAY BASED ON CANOPY AREA					
0.02	0.06	0.14	0.25	0.39	0.57
0.02	0.09	0.21	0.38	0.59	0.85
0.03	0.12	0.26	0.46	0.72	1.04
0.04	0.15	0.33	0.59	0.93	1.34
0.04	0.15	0.33	0.59	0.92	1.32
0.03	0.13	0.29	0.51	0.80	1.15
0.03	0.11	0.24	0.43	0.67	0.96
0.02	0.07	0.16	0.28	0.44	0.63

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Botanical Name	<i>Phlomis lanata</i>
Common Name	Jerusalem Sage
Type	Perennial
Exposure	Full Sun / Partial Sun
Width	4 ft
Height	3 ft
Region	High & Intermediate Desert 5
Water Use Category	Low

Water Use Requirement (gallons per day) - Las Vegas, NV

Based on Historical ET_o - Las Vegas, NV

SNWA - LOW WATER USE COEFFICIENT*

Jerusalem Sage

0.20

Phlomis lanata

*WUCOLS does not list a coefficient for this plant

		Las Vegas	Las Vegas	Las Vegas	Las Vegas	Canopy Area
		ET _o	ET _o	Ornamental	Ornamental	
		Avg.	Avg.	Req't	Req't	
		Monthly	daily	daily	daily	gal/ft ²
				(inches)		
31	Mar	4.99	0.1610	0.0322	0.020	
30	Apr	7.21	0.2403	0.0481	0.030	
31	May	9.18	0.2961	0.0592	0.037	
30	Jun	11.38	0.3793	0.0759	0.047	
31	Jul	11.62	0.3748	0.0750	0.047	
31	Aug	10.11	0.3261	0.0652	0.041	
30	Sep	8.16	0.2720	0.0544	0.034	
31	Oct	5.56	0.1794	0.0359	0.022	

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Jerusalem Sage

Phlomis lanata

height 3' width 4'

light full sun / partial sun

water reqt. low

foliage evergreen



Diameter of Canopy (in feet)					
1	2	3	4	5	6
0.8	3.14	7.06	12.6	20	28

GALLONS REQUIRED PER DAY BASED ON CANOPY AREA						
0.02	0.06	0.14	0.25	0.39	0.57	
0.02	0.09	0.21	0.38	0.59	0.85	
0.03	0.12	0.26	0.46	0.72	1.04	
0.04	0.15	0.33	0.59	0.93	1.34	
0.04	0.15	0.33	0.59	0.92	1.32	
0.03	0.13	0.29	0.51	0.80	1.15	
0.03	0.11	0.24	0.43	0.67	0.96	
0.02	0.07	0.16	0.28	0.44	0.63	





Botanical Name	<i>Phoenix Canariensis</i>
Common Name	Canary Island Date Palm
Type	Tree / Palm-Cycad
Exposure	Full Sun / Partial Sun
Width	30 ft
Height	40 ft
Region	High & Intermediate Desert 5
Water Use Category	Moderate

Water Use Requirement (gallons per day) - Las Vegas, NV

Based on Historical ETo - Las Vegas, NV

WUCOLS IV - MODERATE WATER USE COEFFICIENT

Canary Island Date Palm 0.40

Phoenix canariensis

Canary Island Date Palm

Phoenix Canariensis



height 40' width 30'

light na

water reqt. moderate

foliage evergreen

	Las Vegas	Las Vegas	Las Vegas	Las Vegas
	ET _o	ET _o	Ornamental	Ornamental
	Avg	Avg.	Req't	Req't
	Monthly	daily	daily	daily
			(inches)	gal/ft ²
31 Mar	4.99	0.1610	0.0644	0.040
30 Apr	7.21	0.2403	0.0961	0.060
31 May	9.18	0.2961	0.1185	0.074
30 Jun	11.38	0.3793	0.1517	0.095
31 Jul	11.62	0.3748	0.1499	0.093
31 Aug	10.11	0.3261	0.1305	0.081
30 Sep	8.16	0.2720	0.1088	0.068
31 Oct	5.56	0.1794	0.0717	0.045

		Diameter of Canopy (in feet)													
		4	6	8	10	12	14	16	18	20	22	24	26	28	30
Canopy Area		12.56	28	50.2	78.5	113	154	201	254	314	380	452	531	615	706
		GALLONS REQUIRED PER DAY BASED ON CANOPY AREA													
0.50	1.12	2.01	3.15	4.5	6.2	8.1	10.2	12.6	15.2	18.1	21.3	24.7	28.3		
0.75	1.68	3.01	4.70	6.8	9.2	12.0	15.2	18.8	22.8	27.1	31.8	36.8	42.3		
0.93	2.07	3.70	5.79	8.3	11.4	14.8	18.7	23.2	28.0	33.4	39.2	45.4	52.1		
1.19	2.65	4.75	7.42	10.7	14.6	19.0	24.0	29.7	35.9	42.7	50.2	58.1	66.7		
1.17	2.62	4.69	7.33	10.6	14.4	18.8	23.7	29.3	35.5	42.2	49.6	57.4	65.9		
1.02	2.28	4.08	6.38	9.2	12.5	16.3	20.6	25.5	30.9	36.7	43.2	50.0	57.4		
0.85	1.90	3.40	5.32	7.7	10.4	13.6	17.2	21.3	25.8	30.6	36.0	41.7	47.9		

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Botanical Name	<i>Phoenix dactylifera</i>
Common Name	Date Palm
Type	Tree / Palm - Cycad
Exposure	Full Sun / Partial Sun
Width	20 - 40 ft
Height	50 - 80 ft
Region	High & Intermediate Desert 5
Water Use Category	Moderate

Water Use Requirement (gallons per day) - Las Vegas, NV

Based on Historical ET_o - Las Vegas, NV

WUCOLS IV - MODERATE WATER USE COEFFICIENT

Date Palm

Phoenix dactylifera

0.40

Date Palm

Phoenix dactylifera

height 80' width 40'

light

water reqt. moderate

foliage evergreen



	Las Vegas	Las Vegas	Las Vegas	Las Vegas
	ET _o	ET _o	Ornamental	Ornamental
	Avg	Avg.	Req't	Req't
	Monthly	daily	daily	daily
			(inches)	gal/ft ²
31 Mar	4.99	0.1610	0.0644	0.040
30 Apr	7.21	0.2403	0.0961	0.060
31 May	9.18	0.2961	0.1185	0.074
30 Jun	11.38	0.3793	0.1517	0.095
31 Jul	11.62	0.3748	0.1499	0.093
31 Aug	10.11	0.3261	0.1305	0.081
30 Sep	8.16	0.2720	0.1088	0.068
31 Oct	5.56	0.1794	0.0717	0.045

Canopy Area	Diameter of Canopy (in feet)								
	5	10	15	20	25	30	35	40	45
	19.6	78	176	314	491	706	962	1256	1588
	GALLONS REQUIRED PER DAY BASED ON CANOPY AREA								
0.79	3.13	7.1	12.6	19.7	28.3	38.6	50.4	64	
1.17	4.67	10.5	18.8	29.4	42.3	57.6	75.2	95	
1.45	5.76	13.0	23.2	36.2	52.1	71.0	92.7	117	
1.85	7.37	16.6	29.7	46.4	66.7	90.9	118.7	150	
1.83	7.29	16.4	29.3	45.9	65.9	89.9	117.3	148	
1.59	6.34	14.3	25.5	39.9	57.4	78.2	102.1	129	
1.33	5.29	11.9	21.3	33.3	47.9	65.2	85.1	108	
0.88	3.49	7.9	14.0	21.9	31.6	43.0	56.1	71	

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Botanical Name	<i>Pinus eldarica</i>
Common Name	Mondell Pine, Afghan Pine
Type	Tree
Exposure	Full Sun / Partial Sun
Width	25 - 30 ft
Height	15 - 80 ft
Region	High & Intermediate Desert 5
Water Use Category	Moderate

Water Use Requirement (gallons per day) - Las Vegas, NV

Based on Historical ET_o - Las Vegas, NV

WUCOLS IV - MODERATE WATER USE COEFFICIENT

Mondell Pine, Afghan Pine 0.40

Pinus eldarica

Mondell Pine, Afghan Pine

Pinus eldarica

height 80' width 30'

light full sun

water reqt. moderate



	Las Vegas	Las Vegas	Las Vegas	Las Vegas	Dia	4	6	Diameter of Canopy (in feet)											
								ET _o	ET _o	Ornamental	Ornamental	Area	8	10	12	14	16	18	20
	Avg	Avg.	Req't	Req't	Canopy	12.56	28	GALLONS REQUIRED PER DAY BASED ON CANOPY AREA											
	Monthly	daily	daily	daily															
			(inches)	gal/ft ²															
31 Mar	4.99	0.1610	0.0644	0.040		0.50	1.12	2.01	3.15	4.5	6.2	8.1	10.2	12.6	15.2	18.1	21.3	24.7	28.3
30 Apr	7.21	0.2403	0.0961	0.060		0.75	1.68	3.01	4.70	6.8	9.2	12.0	15.2	18.8	22.8	27.1	31.8	36.8	42.3
31 May	9.18	0.2961	0.1185	0.074		0.93	2.07	3.70	5.79	8.3	11.4	14.8	18.7	23.2	28.0	33.4	39.2	45.4	52.1
30 Jun	11.38	0.3793	0.1517	0.095		1.19	2.65	4.75	7.42	10.7	14.6	19.0	24.0	29.7	35.9	42.7	50.2	58.1	66.7
31 Jul	11.62	0.3748	0.1499	0.093		1.17	2.62	4.69	7.33	10.6	14.4	18.8	23.7	29.3	35.5	42.2	49.6	57.4	65.9
31 Aug	10.11	0.3261	0.1305	0.081		1.02	2.28	4.08	6.38	9.2	12.5	16.3	20.6	25.5	30.9	36.7	43.2	50.0	57.4
30 Sep	8.16	0.2720	0.1088	0.068		0.85	1.90	3.40	5.32	7.7	10.4	13.6	17.2	21.3	25.8	30.6	36.0	41.7	47.9
31 Oct	5.56	0.1794	0.0717	0.045															

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Botanical Name	<i>Pinus halepensis</i>
Common Name	Aleppo Pine
Type	Tree / Evergreen
Exposure	Full Sun / Partial Sun
Width	25 - 30 ft
Height	15 - 80 ft
Region	High and Intermediate Desert 5
Water Use Category	Moderate

Water Use Requirement (gallons per day) - Las Vegas, NV

Based on Historical ETo - Las Vegas, NV

WUCOLS IV - MODERATE WATER USE COEFFICIENT

Aleppo Pine

Pinus halepensis

0.40

Aleppo Pine

Pinus halepensis

height 80'

width 25'

light na

water reqt. moderate

foliage evergreen



	Las Vegas	Las Vegas	Las Vegas	Las Vegas	Dia	Diameter of Canopy (in feet)													
						ET _o	ET _o	Ornamental	Ornamental	Area	8	10	12	14	16	18	20	22	24
	Avg	Avg.	Req't	Req't	Canopy	12.56	28	50.2	78.5	113	154	201	254	314	380	452	531	615	706
	Monthly	daily	daily	daily		GALLONS REQUIRED PER DAY BASED ON CANOPY AREA													
			(inches)	gal/ft ²															
31 Mar	4.99	0.1610	0.0644	0.040	0.50	1.12	2.01	3.15	4.5	6.2	8.1	10.2	12.6	15.2	18.1	21.3	24.7	28.3	
30 Apr	7.21	0.2403	0.0961	0.060	0.75	1.68	3.01	4.70	6.8	9.2	12.0	15.2	18.8	22.8	27.1	31.8	36.8	42.3	
31 May	9.18	0.2961	0.1185	0.074	0.93	2.07	3.70	5.79	8.3	11.4	14.8	18.7	23.2	28.0	33.4	39.2	45.4	52.1	
30 Jun	11.38	0.3793	0.1517	0.095	1.19	2.65	4.75	7.42	10.7	14.6	19.0	24.0	29.7	35.9	42.7	50.2	58.1	66.7	
31 Jul	11.62	0.3748	0.1499	0.093	1.17	2.62	4.69	7.33	10.6	14.4	18.8	23.7	29.3	35.5	42.2	49.6	57.4	65.9	
31 Aug	10.11	0.3261	0.1305	0.081	1.02	2.28	4.08	6.38	9.2	12.5	16.3	20.6	25.5	30.9	36.7	43.2	50.0	57.4	
30 Sep	8.16	0.2720	0.1088	0.068	0.85	1.90	3.40	5.32	7.7	10.4	13.6	17.2	21.3	25.8	30.6	36.0	41.7	47.9	
31 Oct	5.56	0.1794	0.0717	0.045															

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Botanical Name	<i>Pistacia lentiscus</i>
Common Name	Mastic Tree
Type	Tree / Shrub
Exposure	Full Sun
Width	10 - 15 ft
Height	8 - 20 ft
Region	High & Intermediate Desert 5
Water Use Category	Low

Water Use Requirement (gallons per day) - Las Vegas, NV

Based on Historical Eto - Las Vegas, NV

SNWA - LOW WATER USE COEFFICIENT*

Mastic Tree

0.20

Pistacia lentiscus

*WUCOLS does not provide a coefficient for this plant

	Las Vegas	Las Vegas	Las Vegas	Las Vegas	
	ET ₀	ET ₀	Ornamental	Ornamental	
	Avg	Avg.	Req't	Req't	Canopy Area
	Monthly	daily	daily	daily	
			(inches)	gal/ft ²	
31 Mar	4.99	0.1610	0.0322	0.020	
30 Apr	7.21	0.2403	0.0481	0.030	
31 May	9.18	0.2961	0.0592	0.037	
30 Jun	11.38	0.3793	0.0759	0.047	
31 Jul	11.62	0.3748	0.0750	0.047	
31 Aug	10.11	0.3261	0.0652	0.041	
30 Sep	8.16	0.2720	0.0544	0.034	
31 Oct	5.56	0.1794	0.0359	0.022	

Mastic Tree

Pistacia lentiscus

height 20' width 15'

light na

water reqt. low

foliage evergreen



Diameter of Canopy (in feet)

4	6	8	10	12	14	16	18	20
12.56	28	50.2	78.5	113	154	201	254	314

GALLONS REQUIRED PER DAY BASED ON CANOPY AREA

0.25	0.56	1.01	1.57	2.3	3.1	4	5	6
0.38	0.84	1.50	2.35	3.4	4.6	6	8	9
0.46	1.03	1.85	2.90	4.2	5.7	7	9	12
0.59	1.32	2.37	3.71	5.3	7.3	10	12	15
0.59	1.31	2.34	3.67	5.3	7.2	9	12	15
0.51	1.14	2.04	3.19	4.6	6.3	8	10	13
0.43	0.95	1.70	2.66	3.8	5.2	7	9	11
0.28	0.63	1.12	1.75	2.5	3.4	4	6	7

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Botanical Name	<i>Pistacio vera</i>
Common Name	Pistacio Nut
Type	Tree / Deciduous
Exposure	Full Sun
Width	25 - 30 ft
Height	25 - 30 ft
Region	High & Intermediate Desert 5
Water Use Category	Moderate

Water Use Requirement (gallons per day) - Las Vegas, NV

Based on Historical ET_o - Las Vegas, NV

SNWA - MODERATE WATER USE COEFFICIENT*

Pistacio Nut

0.40

Pistacio vera

*WUCOLS considers this plant inappropriate for the region

Pistacio Nut

Pistacio vera

height 30'

width 30'

light na

water reqt. moderate

foliage deciduous



	Las Vegas	Las Vegas	Las Vegas	Las Vegas		Diameter of Canopy (in feet)												
						ET _o	ET _o	Ornamental	Ornamental	4	6	8	10	12	14	16	18	20
	Avg	Avg.	Req't	Req't	Canopy Area	GALLONS REQUIRED PER DAY BASED ON CANOPY AREA												
	Monthly	daily	daily	daily														
			(inches)	gal/ft ²														
31 Mar	4.99	0.1610	0.0644	0.040	0.50	1.12	2.01	3.15	4.5	6.2	8.1	10.2	12.6	15.2	18.1	21.3	24.7	28.3
30 Apr	7.21	0.2403	0.0961	0.060	0.75	1.68	3.01	4.70	6.8	9.2	12.0	15.2	18.8	22.8	27.1	31.8	36.8	42.3
31 May	9.18	0.2961	0.1185	0.074	0.93	2.07	3.70	5.79	8.3	11.4	14.8	18.7	23.2	28.0	33.4	39.2	45.4	52.1
30 Jun	11.38	0.3793	0.1517	0.095	1.19	2.65	4.75	7.42	10.7	14.6	19.0	24.0	29.7	35.9	42.7	50.2	58.1	66.7
31 Jul	11.62	0.3748	0.1499	0.093	1.17	2.62	4.69	7.33	10.6	14.4	18.8	23.7	29.3	35.5	42.2	49.6	57.4	65.9
31 Aug	10.11	0.3261	0.1305	0.081	1.02	2.28	4.08	6.38	9.2	12.5	16.3	20.6	25.5	30.9	36.7	43.2	50.0	57.4
30 Sep	8.16	0.2720	0.1088	0.068	0.85	1.90	3.40	5.32	7.7	10.4	13.6	17.2	21.3	25.8	30.6	36.0	41.7	47.9
31 Oct	5.56	0.1794	0.0717	0.045														

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Botanical Name	<i>Pistacia x 'Red Push'</i>
Common Name	Red Push Pistache
Type	Tree / Deciduous
Exposure	Full Sun
Width	30 ft
Height	30 ft
Region	High & Intermediate Desert - 5
Water Use Category	Moderate

Water Use Requirement (gallons per day) - Las Vegas, NV

Based on Historical ETo - Las Vegas, NV

WUCOLS IV - MODERATE WATER USE COEFFICIENT

Red Push Pistache

0.40

Pistacia x 'Red Push'

Red Push Pistache

Pistacia x 'Red Push'



height 30' width 30'

light na

water reqt. moderate

foliage deciduous

	Las Vegas	Las Vegas	Las Vegas	Las Vegas		Diameter of Canopy (in feet)													
						4	6	8	10	12	14	16	18	20	22	24	26	28	30
	ET _o	ET _o	Ornamental	Ornamental		12.56	28	50.2	78.5	113	154	201	254	314	380	452	531	615	706
	Avg	Avg.	Req't	Req't		GALLONS REQUIRED PER DAY BASED ON CANOPY AREA													
	Monthly	daily	daily	daily	Canopy Area														
			(inches)	gal/ft ²															
31	Mar	4.99	0.1610	0.0644	0.040	0.50	1.12	2.01	3.15	4.5	6.2	8.1	10.2	12.6	15.2	18.1	21.3	24.7	28.3
30	Apr	7.21	0.2403	0.0961	0.060	0.75	1.68	3.01	4.70	6.8	9.2	12.0	15.2	18.8	22.8	27.1	31.8	36.8	42.3
31	May	9.18	0.2961	0.1185	0.074	0.93	2.07	3.70	5.79	8.3	11.4	14.8	18.7	23.2	28.0	33.4	39.2	45.4	52.1
30	Jun	11.38	0.3793	0.1517	0.095	1.19	2.65	4.75	7.42	10.7	14.6	19.0	24.0	29.7	35.9	42.7	50.2	58.1	66.7
31	Jul	11.62	0.3748	0.1499	0.093	1.17	2.62	4.69	7.33	10.6	14.4	18.8	23.7	29.3	35.5	42.2	49.6	57.4	65.9
31	Aug	10.11	0.3261	0.1305	0.081	1.02	2.28	4.08	6.38	9.2	12.5	16.3	20.6	25.5	30.9	36.7	43.2	50.0	57.4
30	Sep	8.16	0.2720	0.1088	0.068	0.85	1.90	3.40	5.32	7.7	10.4	13.6	17.2	21.3	25.8	30.6	36.0	41.7	47.9
31	Oct	5.56	0.1794	0.0717	0.045														

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Botanical Name	<i>Platanus mexicana</i>
Common Name	Mexican Sycamore
Type	Tree / Deciduous
Exposure	Full Sun - Partial Sun
Width	40 ft
Height	60 ft
Region	High & Intermediate Desert 5
Water Use Category	Moderate

Water Use Requirement (gallons per day) - Las Vegas, NV

Based on Historical ETo - Las Vegas, NV

SNWA - MODERATE WATER USE COEFFICIENT*

Mexican Sycamore

0.40

Platanus mexicana

*WUCOLS does not provide a coefficient for this plant

Mexican Sycamore

Platanus mexicana

height 60' width 40'

light na

water reqt. moderate

foliage deciduous



	Las Vegas	Las Vegas	Las Vegas	Las Vegas	Canopy Area	Diameter of Canopy (in feet)									
						ET ₀	ET ₀	Ornamental	Ornamental	5	10	15	20	25	30
	Avg	Avg.	Req't	Req't		GALLONS REQUIRED PER DAY BASED ON CANOPY AREA									
	Monthly	daily	daily	daily		19.6	78	176	314	491	706	962	1256	1588	1962
			(inches)	gal/ft ²											
31 Mar	4.99	0.1610	0.0644	0.040		0.79	3.13	7.06	12.60	19.70	28.32	38.6	50.4	64	79
30 Apr	7.21	0.2403	0.0961	0.060		1.17	4.67	10.54	18.81	29.41	42.28	57.6	75.2	95	118
31 May	9.18	0.2961	0.1185	0.074		1.45	5.76	12.99	23.17	36.23	52.10	71.0	92.7	117	145
30 Jun	11.38	0.3793	0.1517	0.095		1.85	7.37	16.64	29.68	46.41	66.74	90.9	118.7	150	185
31 Jul	11.62	0.3748	0.1499	0.093		1.83	7.29	16.44	29.33	45.86	65.95	89.9	117.3	148	183
31 Aug	10.11	0.3261	0.1305	0.081		1.59	6.34	14.30	25.52	39.90	57.38	78.2	102.1	129	159
30 Sep	8.16	0.2720	0.1088	0.068		1.33	5.29	11.93	21.28	33.28	47.85	65.2	85.1	108	133
31 Oct	5.56	0.1794	0.0717	0.045		0.88	3.49	7.87	14.03	21.95	31.55	43.0	56.1	71	88

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Botanical Name	<i>Podocarpus gracilior</i>
Common Name	African Fern Pine, Podocarpus
Type	Tree / Evergreen Conifer
Exposure	Full Sun / Partial Sun
Width	25 ft
Height	60 ft
Region	High & Intermediate Desert 5
Water Use Category	Moderate

Water Use Requirement (gallons per day) - Las Vegas, NV

Based on Historical ETo - Las Vegas, NV

SNWA - LOW WATER USE COEFFICIENT*

African Fern Pine, Podocarpus 0.40

Podocarpus gracilior

*WUCOLS does not provide a coefficient for this plant

African Fern Pine, Podocarpus

Podocarpus gracilior

height 60' width 25'

light na

water req't. moderate

foliage evergreen



	Las Vegas ET _o Avg Monthly	Las Vegas ET _o Avg. daily	Las Vegas Ornamental Req't		Canopy Area	Diameter of Canopy (in feet)												
			Ornamental Req't daily (inches)	Ornamental Req't daily gal/ft ²		4	6	8	10	12	14	16	18	20	22	24	26	28
					12.56	28	50.2	78.5	113	154	201	254	314	380	452	531	615	706
					GALLONS REQUIRED PER DAY BASED ON CANOPY AREA													
31 Mar	4.99	0.1610	0.0644	0.040	0.50	1.12	2.01	3.15	4.5	6.2	8.1	10.2	12.6	15.2	18.1	21.3	24.7	28.3
30 Apr	7.21	0.2403	0.0961	0.060	0.75	1.68	3.01	4.70	6.8	9.2	12.0	15.2	18.8	22.8	27.1	31.8	36.8	42.3
31 May	9.18	0.2961	0.1185	0.074	0.93	2.07	3.70	5.79	8.3	11.4	14.8	18.7	23.2	28.0	33.4	39.2	45.4	52.1
30 Jun	11.38	0.3793	0.1517	0.095	1.19	2.65	4.75	7.42	10.7	14.6	19.0	24.0	29.7	35.9	42.7	50.2	58.1	66.7
31 Jul	11.62	0.3748	0.1499	0.093	1.17	2.62	4.69	7.33	10.6	14.4	18.8	23.7	29.3	35.5	42.2	49.6	57.4	65.9
31 Aug	10.11	0.3261	0.1305	0.081	1.02	2.28	4.08	6.38	9.2	12.5	16.3	20.6	25.5	30.9	36.7	43.2	50.0	57.4
30 Sep	8.16	0.2720	0.1088	0.068	0.85	1.90	3.40	5.32	7.7	10.4	13.6	17.2	21.3	25.8	30.6	36.0	41.7	47.9
31 Oct	5.56	0.1794	0.0717	0.045														

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Botanical Name	<i>Podocarpus macrophyllus</i>
Common Name	Yew Pine
Type	Tree / Evergreen Conifer
Exposure	Full Sun / Partial Sun
Width	2 - 8 ft
Height	15 - 20 ft
Region	High & Intermediate Desert 5
Water Use Category	Moderate

Water Use Requirement (gallons per day) - Las Vegas, NV

Based on Historical ETo - Las Vegas, NV

WUCOLS IV - MODERATE WATER USE COEFFICIENT

Yew Pine

0.40

Podocarpus macrophyllus

Yew Pine

Podocarpus macrophyllus

height 20' width 8'

light full sun / partial sun

water reqt. moderate

foliage evergreen



	Las Vegas	Las Vegas	Las Vegas	Las Vegas	Canopy Area
	ET _o	ET _o	Ornamental	Ornamental	
	Avg.	Avg.	Req't	Req't	
Monthly	daily	daily	daily	daily	
			(inches)	gal/ft ²	
31 Mar	4.99	0.1610	0.0644	0.040	
30 Apr	7.21	0.2403	0.0961	0.060	
31 May	9.18	0.2961	0.1185	0.074	
30 Jun	11.38	0.3793	0.1517	0.095	
31 Jul	11.62	0.3748	0.1499	0.093	
31 Aug	10.11	0.3261	0.1305	0.081	
30 Sep	8.16	0.2720	0.1088	0.068	
31 Oct	5.56	0.1794	0.0717	0.045	

Diameter of Canopy (in feet)							
1	2	3	4	5	6	8	
0.8	3.14	7.06	12.6	20	28	50.2	
GALLONS REQUIRED PER DAY BASED ON CANOPY AREA							
0.03	0.13	0.28	0.50	0.79	1.14	2.01	
0.05	0.19	0.42	0.75	1.18	1.69	3.01	
0.06	0.23	0.52	0.93	1.45	2.09	3.70	
0.08	0.30	0.67	1.19	1.86	2.68	4.75	
0.07	0.29	0.66	1.17	1.83	2.64	4.69	
0.07	0.26	0.57	1.02	1.60	2.30	4.08	
0.05	0.21	0.48	0.85	1.33	1.92	3.40	
0.04	0.14	0.32	0.56	0.88	1.26	2.24	

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Botanical Name	<i>Populus fremonti</i>
Common Name	Fremont Cottonwood
Type	Tree - Deciduous
Exposure	Full Sun
Width	40 ft
Height	80 ft
Region	High & Intermediate Desert 5
Water Use Category	High

Water Use Requirement (gallons per day) - Las Vegas, NV

Based on Historical ETo - Las Vegas, NV

WUCOLS IV - HIGH WATER USE COEFFICIENT

Fremont Cottonwood

0.80

Populus fremonti

Fremont Cottonwood

Populus fremonti

height 80' width 50'
 light na
 water reqt. high
 foliage deciduous



	Las Vegas	Las Vegas	Las Vegas	Las Vegas	
	ET _o	ET _o	Ornamental	Ornamental	Canopy Area
	Avg	Avg.	Req't	Req't	
	Monthly	daily	daily	daily	
			(inches)	gal/ft ²	
31 Mar	4.99	0.1610	0.1288	0.080	
30 Apr	7.21	0.2403	0.1923	0.120	
31 May	9.18	0.2961	0.2369	0.148	
30 Jun	11.38	0.3793	0.3035	0.189	
31 Jul	11.62	0.3748	0.2999	0.187	
31 Aug	10.11	0.3261	0.2609	0.163	
30 Sep	8.16	0.2720	0.2176	0.136	
31 Oct	5.56	0.1794	0.1435	0.089	

Diameter of Canopy (in feet)									
5	10	15	20	25	30	35	40	45	50
19.6	78	176	314	491	706	962	1256	1588	1962

GALLONS REQUIRED PER DAY BASED ON CANOPY AREA									
1.57	6.26	14.12	25.19	39.39	56.64	77.2	100.8	127	157
2.35	9.34	21.08	37.61	58.81	84.57	115.2	150.4	190	235
2.89	11.51	25.98	46.34	72.47	104.20	142.0	185.4	234	290
3.71	14.75	33.27	59.36	92.83	133.48	181.9	237.5	300	371
3.66	14.57	32.88	58.66	91.73	131.89	179.7	234.6	297	367
3.19	12.68	28.61	51.04	79.81	114.76	156.4	204.2	258	319
2.66	10.57	23.86	42.57	66.56	95.71	130.4	170.3	215	266
1.75	6.97	15.73	28.07	43.89	63.11	86.0	112.3	142	175

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Botanical Name	<i>Prosopis chilensis</i>
Common Name	Chilean Mesquite
Type	Tree / Shrub - Deciduous
Exposure	Full Sun
Width	15 - 30 ft
Height	15 - 30 ft
Region	North Central Coastal - 1
Water Use Category	Low

Water Use Requirement (gallons per day) - Las Vegas, NV

Based on Historical ETo - Las Vegas, NV

WUCOLS IV - LOW WATER USE COEFFICIENT

Chilean Mesquite

0.20

Prosopis chilensis

Chilean Mesquite

Prosopis chilensis

height 30'

width 30'

light na

water reqt. low

foliage deciduous



	Las Vegas	Las Vegas	Las Vegas	Las Vegas
	ET _o	ET _o	Ornamental	Ornamental
	Avg	Avg.	Req't	Req't
	Monthly	daily	daily	daily
			(inches)	gal/ft ²
31 Mar	4.99	0.1610	0.0322	0.020
30 Apr	7.21	0.2403	0.0481	0.030
31 May	9.18	0.2961	0.0592	0.037
30 Jun	11.38	0.3793	0.0759	0.047
31 Jul	11.62	0.3748	0.0750	0.047
31 Aug	10.11	0.3261	0.0652	0.041
30 Sep	8.16	0.2720	0.0544	0.034
31 Oct	5.56	0.1794	0.0359	0.022

		Diameter of Canopy (in feet)													
		4	6	8	10	12	14	16	18	20	22	24	26	28	30
Canopy Area		12.56	28	50.2	78.5	113	154	201	254	314	380	452	531	615	706
		GALLONS REQUIRED PER DAY BASED ON CANOPY AREA													
0.25	0.56	1.01	1.57	2.3	3.1	4.0	5.1	6.3	7.6	9.1	10.7	12.3	14.2		
0.38	0.84	1.50	2.35	3.4	4.6	6.0	7.6	9.4	11.4	13.5	15.9	18.4	21.1		
0.46	1.03	1.85	2.90	4.2	5.7	7.4	9.4	11.6	14.0	16.7	19.6	22.7	26.0		
0.59	1.32	2.37	3.71	5.3	7.3	9.5	12.0	14.8	18.0	21.4	25.1	29.1	33.4		
0.59	1.31	2.34	3.67	5.3	7.2	9.4	11.9	14.7	17.7	21.1	24.8	28.7	33.0		
0.51	1.14	2.04	3.19	4.6	6.3	8.2	10.3	12.8	15.4	18.4	21.6	25.0	28.7		
0.43	0.95	1.70	2.66	3.8	5.2	6.8	8.6	10.6	12.9	15.3	18.0	20.8	23.9		

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Botanical Name	<i>Prosopis glandulosa v. Torreyana</i>
Common Name	Western Honey Mesquite - Torreyana
Type	Tree / Deciduous
Exposure	Full Sun
Width	20 ft
Height	20 ft
Region	High & Intermediate Desert 5
Water Use Category	Low

Water Use Requirement (gallons per day) - Las Vegas, NV

Based on Historical ET_o - Las Vegas, NV
 WUCOLS IV - LOW WATER USE COEFFICIENT

**Western Honey Mesquite
 v. Torreyana**

Prosopis glandulosa v. Torreyana

0.20

Mature Size height 20' width 20'
 light na
 water req't. low
 foliage deciduous

Western Honey Mesquite - Torreyana
Prosopis glandulosa v. Torreyana



Las Vegas	Las Vegas	Las Vegas	Las Vegas
ET _o	ET _o	Ornamental	Ornamental
Avg	Avg.	Req't	Req't
Monthly	daily	daily	daily
		(inches)	gal/ft ²

Canopy Area

Diameter of Canopy (in feet)

4	6	8	10	12	14	16	18	20
12.56	28	50.2	78.5	113	154	201	254	314
GALLONS REQUIRED PER DAY BASED ON CANOPY AREA								
0.25	0.56	1.01	1.57	2.3	3.1	4	5	6
0.38	0.84	1.50	2.35	3.4	4.6	6	8	9
0.46	1.03	1.85	2.90	4.2	5.7	7	9	12
0.59	1.32	2.37	3.71	5.3	7.3	10	12	15
0.59	1.31	2.34	3.67	5.3	7.2	9	12	15
0.51	1.14	2.04	3.19	4.6	6.3	8	10	13
0.43	0.95	1.70	2.66	3.8	5.2	7	9	11
0.28	0.63	1.12	1.75	2.5	3.4	4	6	7

31	Mar	4.99	0.1610	0.0322	0.020
30	Apr	7.21	0.2403	0.0481	0.030
31	May	9.18	0.2961	0.0592	0.037
30	Jun	11.38	0.3793	0.0759	0.047
31	Jul	11.62	0.3748	0.0750	0.047
31	Aug	10.11	0.3261	0.0652	0.041
30	Sep	8.16	0.2720	0.0544	0.034
31	Oct	5.56	0.1794	0.0359	0.022

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Botanical Name	<i>Prunus carolina 'compacta'</i>
Common Name	Compact Carolina Cherry
Type	Shrub / Evergreen
Exposure	Full Sun - Partial Sun
Width	6 ft
Height	8 ft
Region	High & Intermediate Desert 5
Water Use Category	Moderate

Water Use Requirement (gallons per day) - Las Vegas, NV

Based on Historical ET_o - Las Vegas, NV

WUCOLS IV - MODERATE WATER USE COEFFICIENT

Compact Carolina Cherry 0.40

Prunus carolina 'compacta'

Compact Carolina Cherry
Prunus carolina 'compacta'



height 8' width 6'
light partial sun - shade
water reqt. moderate
foliage evergreen

	Las Vegas	Las Vegas	Las Vegas	Las Vegas	Canopy Area
	ET _o	ET _o	Ornamental	Ornamental	
	Avg	Avg.	Req't	Req't	
	Monthly	daily	daily	daily	
			(inches)	gal/ft ²	
31 Mar	4.99	0.1610	0.0644	0.040	
30 Apr	7.21	0.2403	0.0961	0.060	
31 May	9.18	0.2961	0.1185	0.074	
30 Jun	11.38	0.3793	0.1517	0.095	
31 Jul	11.62	0.3748	0.1499	0.093	
31 Aug	10.11	0.3261	0.1305	0.081	
30 Sep	8.16	0.2720	0.1088	0.068	
31 Oct	5.56	0.1794	0.0717	0.045	

Diameter of Canopy (in feet)						
2	3	4	5	6	7	8
3.14	7.06	12.56	19.6	28	38.46	50.24

GALLONS REQUIRED PER DAY BASED ON CANOPY AREA						
0.13	0.28	0.50	0.79	1.12	1.54	2.02
0.19	0.42	0.75	1.17	1.68	2.30	3.01
0.23	0.52	0.93	1.45	2.07	2.84	3.71
0.30	0.67	1.19	1.85	2.65	3.64	4.75
0.29	0.66	1.17	1.83	2.62	3.59	4.69
0.26	0.57	1.02	1.59	2.28	3.13	4.08
0.21	0.48	0.85	1.33	1.90	2.61	3.41
0.14	0.32	0.56	0.88	1.25	1.72	2.25

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Botanical Name	<i>Prunus cerasifera</i>
Common Name	Purple Leaf Plum
Type	Tree / Deciduous
Exposure	Full Sun
Width	15 - 25 ft
Height	15 - 30 ft
Region	High & Intermediate Desert 5
Water Use Category	Moderate

Water Use Requirement (gallons per day) - Las Vegas, NV

Based on Historical Eto - Las Vegas, NV

WUCOLS IV - MODERATE WATER USE COEFFICIENT

Purple Leaf Plum 0.40

Prunus cerasifera

Purple Leaf Plum

Prunus cerasifera



height 30' width 25'

light na

water reqt. moderate

foliage deciduous

		Las Vegas	Las Vegas	Las Vegas	Las Vegas	Area	Diameter of Canopy (in feet)											
		ET ₀	ET ₀	Ornamental	Ornamental		4	6	8	10	12	14	16	18	20	22	24	26
	Avg	Avg.	Req't	Req't			GALLONS REQUIRED PER DAY BASED ON CANOPY AREA											
	Monthly	daily	daily	daily	Canopy													
			(inches)	gal/ft ²														
31 Mar	4.99	0.1610	0.0644	0.040	0.50	1.12	2.01	3.15	4.5	6.2	8.1	10.2	12.6	15.2	18.1	21.3	24.7	28.3
30 Apr	7.21	0.2403	0.0961	0.060	0.75	1.68	3.01	4.70	6.8	9.2	12.0	15.2	18.8	22.8	27.1	31.8	36.8	42.3
31 May	9.18	0.2961	0.1185	0.074	0.93	2.07	3.70	5.79	8.3	11.4	14.8	18.7	23.2	28.0	33.4	39.2	45.4	52.1
30 Jun	11.38	0.3793	0.1517	0.095	1.19	2.65	4.75	7.42	10.7	14.6	19.0	24.0	29.7	35.9	42.7	50.2	58.1	66.7
31 Jul	11.62	0.3748	0.1499	0.093	1.17	2.62	4.69	7.33	10.6	14.4	18.8	23.7	29.3	35.5	42.2	49.6	57.4	65.9
31 Aug	10.11	0.3261	0.1305	0.081	1.02	2.28	4.08	6.38	9.2	12.5	16.3	20.6	25.5	30.9	36.7	43.2	50.0	57.4
30 Sep	8.16	0.2720	0.1088	0.068	0.85	1.90	3.40	5.32	7.7	10.4	13.6	17.2	21.3	25.8	30.6	36.0	41.7	47.9
31 Oct	5.56	0.1794	0.0717	0.045	0.56	1.25	2.24	3.51	5.1	6.9	9.0	11.4	14.0	17.0	20.2	23.7	27.5	31.6

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Botanical Name	<i>Quercus fusiformis</i>
Common Name	Escarpment Live Oak
Type	Tree / Evergreen
Exposure	Full Sun / Partial Sun
Width	30 - 40 ft
Height	20 - 40 ft
Region	High & Intermediate Desert 5
Water Use Category	Low

Water Use Requirement (gallons per day) - Las Vegas, NV

Based on Historical ETo - Las Vegas, NV

WUCOLS IV - LOW WATER USE COEFFICIENT

Escarpment Live Oak

0.20

Quercus fusiformis

Escarpment Live Oak

Quercus fusiformis

height 40'

width 40'

light na

water reqt. low

foliage evergreen



	Las Vegas	Las Vegas	Las Vegas	Las Vegas
	ET _o	ET _o	Ornamental	Ornamental
	Avg	Avg.	Req't	Req't
	Monthly	daily	daily	daily
			(inches)	gal/ft ²
31 Mar	4.99	0.1610	0.0322	0.020
30 Apr	7.21	0.2403	0.0481	0.030
31 May	9.18	0.2961	0.0592	0.037
30 Jun	11.38	0.3793	0.0759	0.047
31 Jul	11.62	0.3748	0.0750	0.047
31 Aug	10.11	0.3261	0.0652	0.041
30 Sep	8.16	0.2720	0.0544	0.034
31 Oct	5.56	0.1794	0.0359	0.022

Diameter of Canopy (in feet)									
5	10	15	20	25	30	35	40	45	50
19.6	78	176	314	491	706	962	1256	1588	1962
GALLONS REQUIRED PER DAY BASED ON CANOPY AREA									

0.39	1.56	3.5	6.3	9.8	14.2	19.3	25.2	31.8	39.4
0.59	2.34	5.3	9.4	14.7	21.1	28.8	37.6	47.6	58.8
0.72	2.88	6.5	11.6	18.1	26.0	35.5	46.3	58.6	72.4
0.93	3.69	8.3	14.8	23.2	33.4	45.5	59.4	75.1	92.7
0.92	3.64	8.2	14.7	22.9	33.0	44.9	58.7	74.2	91.6
0.80	3.17	7.2	12.8	20.0	28.7	39.1	51.0	64.5	79.7
0.66	2.64	6.0	10.6	16.6	23.9	32.6	42.6	53.8	66.5
0.44	1.74	3.9	7.0	11.0	15.8	21.5	28.1	35.5	43.8

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Botanical Name	<i>Quercus ilex</i>
Common Name	Holly Oak
Type	Tree / Evergreen
Exposure	Full Sun / Partial Sun
Width	30 - 60 ft
Height	30 - 60 ft
Region	High & Intermediate Desert 5
Water Use Category	Moderate

Water Use Requirement (gallons per day) - Las Vegas, NV

Based on Historical ETo - Las Vegas, NV

WUCOLS IV - MODERATE WATER USE COEFFICIENT

Holly Oak

Quercus Ilex

0.40

Mature Size

Holly Oak

Quercus ilex

height 60'

width 60'

light na

water reqt. moderate

foliage evergreen



	Las Vegas	Las Vegas	Las Vegas	Las Vegas	Canopy Area	Diameter of Canopy (in feet)								
						ET ₀	ET ₀	Ornamental	Ornamental	20	25	30	35	40
	Avg	Avg.	Req't	Req't		GALLONS REQUIRED PER DAY BASED ON CANOPY AREA								
	Monthly	daily	daily	daily		314	491	707	962	1,256	1,590	1,963	2,375	2,826
			(inches)	gal/ft ²										
31 Mar	4.99	0.1610	0.0644	0.040		12.60	19.70	28.36	38.59	50.4	63.8	79	95	113
30 Apr	7.21	0.2403	0.0961	0.060		18.81	29.41	42.34	57.62	75.2	95.2	118	142	169
31 May	9.18	0.2961	0.1185	0.074		23.17	36.23	52.17	70.99	92.7	117.3	145	175	209
30 Jun	11.38	0.3793	0.1517	0.095		29.68	46.41	66.83	90.94	118.7	150.3	186	225	267
31 Jul	11.62	0.3748	0.1499	0.093		29.33	45.86	66.04	89.86	117.3	148.5	183	222	264
31 Aug	10.11	0.3261	0.1305	0.081		25.52	39.90	57.46	78.18	102.1	129.2	160	193	230
30 Sep	8.16	0.2720	0.1088	0.068		21.28	33.28	47.92	65.21	85.1	107.8	133	161	192
31 Oct	5.56	0.1794	0.0717	0.045		14.03	21.95	31.60	43.00	56.1	71.1	88	106	126

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Botanical Name	<i>Quercus shumardi</i>
Common Name	Shumard Oak - Red Oak
Type	Tree / Deciduous
Exposure	Full Sun
Width	30 - 40 ft
Height	40 - 60 ft
Region	High & Intermediate Desert 5
Water Use Category	Moderate

Water Use Requirement (gallons per day) - Las Vegas, NV

Based on Historical ET_o - Las Vegas, NV

SNWA - MODERATE WATER USE COEFFICIENT*

Shumard Oak, Red Oak **0.40**

Quercus shumardi

WUCOLS deems this plant as inappropriate for the region

Shumard Oak - Red Oak

Quercus shumardi

height 60' width 40'

light na

water reqt. moderate

foliage deciduous



	Las Vegas	Las Vegas	Las Vegas	Las Vegas
	ET _o	ET _o	Ornamental	Ornamental
	Avg.	Avg.	Req't	Req't
	Monthly	daily	daily	daily
			(inches)	gal/ft ²
31 Mar	4.99	0.1610	0.0644	0.040
30 Apr	7.21	0.2403	0.0961	0.060
31 May	9.18	0.2961	0.1185	0.074
30 Jun	11.38	0.3793	0.1517	0.095
31 Jul	11.62	0.3748	0.1499	0.093
31 Aug	10.11	0.3261	0.1305	0.081
30 Sep	8.16	0.2720	0.1088	0.068
31 Oct	5.56	0.1794	0.0717	0.045

Diameter of Canopy (in feet)										
4	6	8	10	15	20	25	30	35	40	
13	28	50	78	176	314	491	707	962	1,256	
GALLONS REQUIRED PER DAY BASED ON CANOPY AREA										

0.5	1.1	2.0	3.1	7.1	12.6	19.7	28.4	38.6	50.4
0.8	1.7	3.0	4.7	10.5	18.8	29.4	42.3	57.6	75.2
1.0	2.1	3.7	5.8	13.0	23.2	36.2	52.2	71.0	92.7
1.2	2.6	4.7	7.4	16.6	29.7	46.4	66.8	90.9	118.7
1.2	2.6	4.7	7.3	16.4	29.3	45.9	66.0	89.9	117.3
1.1	2.3	4.1	6.3	14.3	25.5	39.9	57.5	78.2	102.1
0.9	1.9	3.4	5.3	11.9	21.3	33.3	47.9	65.2	85.1

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Botanical Name	<i>Quercus virginiana</i>
Common Name	Southern Live Oak/Cathedral Oak
Type	Tree / Evergreen
Exposure	Full Sun
Width	60 - 100 ft
Height	40 - 80 ft
Region	High & Intermediate Desert 5
Water Use Category	Moderate

Water Use Requirement (gallons per day) - Las Vegas, NV

Based on Historical ET_o - Las Vegas, NV

WUCOLS IV - MODERATE WATER USE COEFFICIENT

Cathedral Oak

Quercus virginiana 'Cathedral'

0.40

Cathedral Oak

Quercus virginiana 'Cathedral'

height 80' width 100'

light na

water reqt. moderate

foliage semi-deciduous



		Las Vegas	Las Vegas	Las Vegas	Las Vegas	Canopy Area	Diameter of Canopy (in feet)									
		ET _o	ET _o	Ornamental	Ornamental		Req't	Req't	10	20	30	40	50	60	70	80
		Avg	Avg.	daily	daily		GALLONS REQUIRED PER DAY BASED ON CANOPY AREA									
		Monthly	daily	(inches)	gal/ft ²		78	314	706	1,256	1,962	2,826	3,846	6,024	6,358	7,850
31	Mar	4.99	0.1610	0.0644	0.040		3.13	12.6	28	50	79	113	154	242	255	315
30	Apr	7.21	0.2403	0.0961	0.060		4.67	18.8	42	75	118	169	230	361	381	470
31	May	9.18	0.2961	0.1185	0.074		5.76	23.2	52	93	145	209	284	445	469	579
30	Jun	11.38	0.3793	0.1517	0.095		7.37	29.7	67	119	185	267	364	569	601	742
31	Jul	11.62	0.3748	0.1499	0.093		7.29	29.3	66	117	183	264	359	563	594	733
31	Aug	10.11	0.3261	0.1305	0.081		6.34	25.5	57	102	159	230	313	490	517	638
30	Sep	8.16	0.2720	0.1088	0.068		5.29	21.3	48	85	133	192	261	408	431	532
31	Oct	5.56	0.1794	0.0717	0.045		3.49	14.0	32	56	88	126	172	269	284	351

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Botanical Name	<i>Rhus lanceolata</i>
Common Name	Flameleaf Sumac
Type	Tree - Deciduous
Exposure	Full Sun / Partial Sun
Width	15 - 20 ft
Height	12 - 20 ft
Region	High & Intermediate Desert 5
Water Use Category	Low

Water Use Requirement (gallons per day) - Las Vegas, NV

Based on Historical ET_o - Las Vegas, NV

WUCOLS IV - LOW WATER USE COEFFICIENT

Flameleaf Sumac

Rhus lanceolata

0.20

Flameleaf Sumac

Rhus lanceolata

height 20' width 20'

light na

water reqt. low

foliage deciduous



Las Vegas	Las Vegas	Las Vegas	Las Vegas
ET _o	ET _o	Ornamental	Ornamental
Avg	Avg.	Req't	Req't
Monthly	daily	daily	daily
		(inches)	gal/ft ²

Diameter of Canopy (in feet)										
4	6	8	10	12	14	16	18	20	22	24
12.56	28	50.2	78.5	113	154	201	254	314	380	452

		GALLONS REQUIRED PER DAY BASED ON CANOPY AREA														
31	Mar	4.99	0.1610	0.0322	0.020	0.25	0.56	1.01	1.57	2.3	3.1	4.0	5.1	6.3	7.6	9.1
30	Apr	7.21	0.2403	0.0481	0.030	0.38	0.84	1.50	2.35	3.4	4.6	6.0	7.6	9.4	11.4	13.5
31	May	9.18	0.2961	0.0592	0.037	0.46	1.03	1.85	2.90	4.2	5.7	7.4	9.4	11.6	14.0	16.7
30	Jun	11.38	0.3793	0.0759	0.047	0.59	1.32	2.37	3.71	5.3	7.3	9.5	12.0	14.8	18.0	21.4
31	Jul	11.62	0.3748	0.0750	0.047	0.59	1.31	2.34	3.67	5.3	7.2	9.4	11.9	14.7	17.7	21.1
31	Aug	10.11	0.3261	0.0652	0.041	0.51	1.14	2.04	3.19	4.6	6.3	8.2	10.3	12.8	15.4	18.4
30	Sep	8.16	0.2720	0.0544	0.034	0.43	0.95	1.70	2.66	3.8	5.2	6.8	8.6	10.6	12.9	15.3
31	Oct	5.56	0.1794	0.0359	0.022	0.28	0.63	1.12	1.75	2.5	3.4	4.5	5.7	7.0	8.5	10.1

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Botanical Name	<i>Rhus trilobata (Rhus aromatica)</i>
Common Name	Skunkbush
Type	Shrub / Deciduous
Exposure	Full Sun - Partial Sun
Width	5 - 10 ft
Height	4 - 10 ft
Region	High & Intermediate Desert 5
Water Use Category	Low

Water Use Requirement (gallons per day) - Las Vegas, NV

Based on Historical ET_o - Las Vegas, NV

SNWA - LOW WATER USE COEFFICIENT

Skunkbush

0.20

Rhus trilobata (Rhus aromatica)

*WUCOLS does not provide a coefficient for this plant

	Las Vegas	Las Vegas	Las Vegas	Las Vegas	
	ET _o	ET _o	Ornamental	Ornamental	
	Avg	Avg.	Req't	Req't	Canopy Area
	Monthly	daily	daily	daily	
			(inches)	gal/ft ²	
31 Mar	4.99	0.1610	0.0322	0.020	
30 Apr	7.21	0.2403	0.0481	0.030	
31 May	9.18	0.2961	0.0592	0.037	
30 Jun	11.38	0.3793	0.0759	0.047	
31 Jul	11.62	0.3748	0.0750	0.047	
31 Aug	10.11	0.3261	0.0652	0.041	
30 Sep	8.16	0.2720	0.0544	0.034	
31 Oct	5.56	0.1794	0.0359	0.022	

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Skunkbush

Rhus trilobata (Rhus aromatica)

height 10' width 10'
 light na
 water reqt. low
 foliage deciduous



Diameter of Canopy (in feet)							
2	3	4	5	6	7	8	10
3.14	7.06	12.56	19.6	28	38.46	50.24	79

GALLONS REQUIRED PER DAY BASED ON CANOPY AREA							
0.06	0.14	0.25	0.39	0.56	0.77	1.01	1.58
0.09	0.21	0.38	0.59	0.84	1.15	1.50	2.37
0.12	0.26	0.46	0.72	1.03	1.42	1.85	2.91
0.15	0.33	0.59	0.93	1.32	1.82	2.37	3.73
0.15	0.33	0.59	0.92	1.31	1.80	2.35	3.69
0.13	0.29	0.51	0.80	1.14	1.56	2.04	3.21
0.11	0.24	0.43	0.66	0.95	1.30	1.70	2.68
0.07	0.16	0.28	0.44	0.63	0.86	1.12	1.77





Botanical Name	<i>Rosmarinus officianlis</i>
Common Name	Trailing Rosemary
Type	Shrub / Evergreen
Exposure	Full Sun
Width	4 - 8 ft
Height	4 - 8 ft
Region	High & Intermediate Desert 5
Water Use Category	Moderate

Water Use Requirement (gallons per day) - Las Vegas, NV

Based on Historical ETo - Las Vegas, NV

WUCOLS IV - MODERATE WATER USE COEFFICIENT

Trailing Rosemary

0.40

Rosmarinus officianalis

Trailing Rosemary

Rosmarinus officianalis



height 8' width 8'

light full sun

water reqt. moderate

foliage evergreen

	Las Vegas	Las Vegas	Las Vegas	Las Vegas	
	ET _o	ET _o	Ornamental	Ornamental	
	Avg	Avg.	Req't	Req't	Canopy Area
	Monthly	daily	daily	daily	
			(inches)	gal/ft ²	
31 Mar	4.99	0.1610	0.0644	0.040	
30 Apr	7.21	0.2403	0.0961	0.060	
31 May	9.18	0.2961	0.1185	0.074	
30 Jun	11.38	0.3793	0.1517	0.095	
31 Jul	11.62	0.3748	0.1499	0.093	
31 Aug	10.11	0.3261	0.1305	0.081	
30 Sep	8.16	0.2720	0.1088	0.068	
31 Oct	5.56	0.1794	0.0717	0.045	

Diameter of Canopy (in feet)

2	3	4	5	6	7	8
3.14	7.06	12.56	19.6	28	38.46	50.24

GALLONS REQUIRED PER DAY BASED ON CANOPY AREA

0.13	0.28	0.50	0.79	1.12	1.54	2.02
0.19	0.42	0.75	1.17	1.68	2.30	3.01
0.23	0.52	0.93	1.45	2.07	2.84	3.71
0.30	0.67	1.19	1.85	2.65	3.64	4.75
0.29	0.66	1.17	1.83	2.62	3.59	4.69
0.26	0.57	1.02	1.59	2.28	3.13	4.08
0.21	0.48	0.85	1.33	1.90	2.61	3.41
0.14	0.32	0.56	0.88	1.25	1.72	2.25

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Botanical Name	<i>Salvia clevelandi</i>
Common Name	Chaparral Sage
Type	Perennial
Exposure	Full Sun
Width	4 - 6 ft
Height	3 - 5 ft
Region	High & Intermediate Desert 5
Water Use Category	Low

Water Use Requirement (gallons per day) - Las Vegas, NV

Based on Historical ET_o - Las Vegas, NV
WUCOLS IV - LOW WATER USE COEFFICIENT

Chaparral Sage

0.20

Salvia clevelandi

Chaparral Sage

Salvia clevelandi

height 5' width 6'
 light full sun, partial sun
 water reqt. low
 foliage evergreen



	Las Vegas	Las Vegas	Las Vegas	Las Vegas	Canopy Area
	ET _o	ET _o	Ornamental	Ornamental	
	Avg.	Avg.	Req't	Req't	
	Monthly	daily	daily	daily	
			(inches)	gal/ft ²	
31 Mar	4.99	0.1610	0.0322	0.020	
30 Apr	7.21	0.2403	0.0481	0.030	
31 May	9.18	0.2961	0.0592	0.037	
30 Jun	11.38	0.3793	0.0759	0.047	
31 Jul	11.62	0.3748	0.0750	0.047	
31 Aug	10.11	0.3261	0.0652	0.041	
30 Sep	8.16	0.2720	0.0544	0.034	
31 Oct	5.56	0.1794	0.0359	0.022	

Diameter of Canopy (in feet)

1	2	3	4	5	6
0.8	3.14	7.06	12.6	20	28

GALLONS REQUIRED PER DAY BASED ON CANOPY AREA

0.02	0.06	0.14	0.25	0.39	0.57
0.02	0.09	0.21	0.38	0.59	0.85
0.03	0.12	0.26	0.46	0.72	1.04
0.04	0.15	0.33	0.59	0.93	1.34
0.04	0.15	0.33	0.59	0.92	1.32
0.03	0.13	0.29	0.51	0.80	1.15
0.03	0.11	0.24	0.43	0.67	0.96
0.02	0.07	0.16	0.28	0.44	0.63

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Botanical Name	<i>Salvia dorii</i>
Common Name	Grayball Sage
Type	Perennial Shrub
Exposure	Full Sun
Width	2 - 4 ft
Height	1 - 3 ft
Region	High & Intermediate Desert 5
Water Use Category	Low

Water Use Requirement (gallons per day) - Las Vegas, NV

Based on Historical ETo - Las Vegas, NV
WUCOLS IV - LOW WATER USE COEFFICIENT

Grayball Sage

0.20

Salvia dorii

Grayball Sage

Salvia dorii

height 3' width 4'

light full sun

water reqt. low

foliage evergreen semi-deciduous



	Las Vegas	Las Vegas	Las Vegas	Las Vegas	Canopy Area
	ET _o	ET _o	Ornamental	Ornamental	
	Avg.	Avg.	Req't	Req't	
	Monthly	daily	daily	daily	
			(inches)	gal/ft ²	
31 Mar	4.99	0.1610	0.0322	0.020	
30 Apr	7.21	0.2403	0.0481	0.030	
31 May	9.18	0.2961	0.0592	0.037	
30 Jun	11.38	0.3793	0.0759	0.047	
31 Jul	11.62	0.3748	0.0750	0.047	
31 Aug	10.11	0.3261	0.0652	0.041	
30 Sep	8.16	0.2720	0.0544	0.034	
31 Oct	5.56	0.1794	0.0359	0.022	

Diameter of Canopy (in feet)						
1	2	3	4	5	6	
0.8	3.14	7.06	12.6	20	28	
GALLONS REQUIRED PER DAY BASED ON CANOPY AREA						
0.02	0.06	0.14	0.25	0.39	0.57	
0.02	0.09	0.21	0.38	0.59	0.85	
0.03	0.12	0.26	0.46	0.72	1.04	
0.04	0.15	0.33	0.59	0.93	1.34	
0.04	0.15	0.33	0.59	0.92	1.32	
0.03	0.13	0.29	0.51	0.80	1.15	
0.03	0.11	0.24	0.43	0.67	0.96	
0.02	0.07	0.16	0.28	0.44	0.63	

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Latin Name	Salvia gregii
Common Name	Sierra Linda™
Type	Perennial
Exposure	Full Sun / Partial Sun
Width	2 ft
Height	2 ft
Region	High & Intermediate Desert - 5
Water Use Category	Moderate

Water Use Requirement (gallons per day) - Las Vegas, NV

Based on Historical ETo - Las Vegas, NV

WUCOLS IV - MODERATE WATER USE COEFFICIENT

Sierra Linda tm

0.40

Salvia gregii

Sierra Linda tm

Salvia gregii



height 2' width 2'

light full sun, partial sun

water reqt. moderate

foliage semi deciduous

	Las Vegas	Las Vegas	Las Vegas	Las Vegas	
	ET _o	ET _o	Ornamental	Ornamental	
	Avg	Avg.	Req't	Req't	Canopy Area
	Monthly	daily	daily	daily	
			(inches)	gal/ft ²	

31	Mar	4.99	0.1610	0.0644	0.040
30	Apr	7.21	0.2403	0.0961	0.060
31	May	9.18	0.2961	0.1185	0.074
30	Jun	11.38	0.3793	0.1517	0.095
31	Jul	11.62	0.3748	0.1499	0.093
31	Aug	10.11	0.3261	0.1305	0.081
30	Sep	8.16	0.2720	0.1088	0.068
31	Oct	5.56	0.1794	0.0717	0.045

Diameter of Canopy (in feet)

1	2	3	4	5	6
0.8	3.14	7.06	12.6	20	28

GALLONS REQUIRED PER DAY BASED ON CANOPY AREA

0.03	0.13	0.28	0.50	0.79	1.14
0.05	0.19	0.42	0.75	1.18	1.69
0.06	0.23	0.52	0.93	1.45	2.09
0.08	0.30	0.67	1.19	1.86	2.68
0.07	0.29	0.66	1.17	1.83	2.64
0.07	0.26	0.57	1.02	1.60	2.30
0.05	0.21	0.48	0.85	1.33	1.92
0.04	0.14	0.32	0.56	0.88	1.26

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Botanical Name	<i>Schinus molle</i>
Common Name	Pepper Tree
Type	Tree / Evergreen
Exposure	Full Sun / Partial Sun
Width	25 - 40 ft
Height	25 - 40 ft
Region	High & Intermediate Desert 5
Water Use Category	Moderate

Water Use Requirement (gallons per day) - Las Vegas, NV

Based on Historical ETo - Las Vegas, NV

WUCOLS IV - MODERATE WATER USE COEFFICIENT

Pepper Tree

Schinus molle

0.40

Pepper Tree
Schinus molle

height 40' width 40'

light na

water reqt. moderate

foliage evergreen



	Las Vegas	Las Vegas	Las Vegas	Las Vegas
	ET _o	ET _o	Ornamental	Ornamental
	Avg	Avg.	Req't	Req't
	Monthly	daily	daily	daily
			(inches)	gal/ft ²

31	Mar	4.99	0.1610	0.0644	0.040
30	Apr	7.21	0.2403	0.0961	0.060
31	May	9.18	0.2961	0.1185	0.074
30	Jun	11.38	0.3793	0.1517	0.095
31	Jul	11.62	0.3748	0.1499	0.093
31	Aug	10.11	0.3261	0.1305	0.081
30	Sep	8.16	0.2720	0.1088	0.068
31	Oct	5.56	0.1794	0.0717	0.045

Canopy Area

Diameter of Canopy (in feet)

5	10	15	20	25	30	35	40
19.6	78	176	314	491	706	962	1256

GALLONS REQUIRED PER DAY BASED ON CANOPY AREA

0.79	3.1	7.1	12.6	19.7	28.3	38.6	50.4
1.17	4.7	10.5	18.8	29.4	42.3	57.6	75.2
1.45	5.8	13.0	23.2	36.2	52.1	71.0	92.7
1.85	7.4	16.6	29.7	46.4	66.7	90.9	118.7
1.83	7.3	16.4	29.3	45.9	65.9	89.9	117.3
1.59	6.3	14.3	25.5	39.9	57.4	78.2	102.1
1.33	5.3	11.9	21.3	33.3	47.9	65.2	85.1

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Botanical Name	<i>Searsia lancea (Rhus lancea)</i>
Common Name	African Sumac
Type	Tree / Evergreen
Exposure	Full Sun / Partial Sun
Width	20 - 35 ft
Height	20 - 30 ft
Region	High & Intermediate Desert 5
Water Use Category	Moderate

Water Use Requirement (gallons per day) - Las Vegas, NV

Based on Historical ET_o - Las Vegas, NV

WUCOLS IV - MODERATE WATER USE COEFFICIENT

African Sumac

Searsia lancea (Rhus lancea)

0.40

African Sumac

Searsia lancea (Rhus lancea)

height 30' width 35'

light na

water reqt. moderate

foliage evergreen



	Las Vegas	Las Vegas	Las Vegas	Las Vegas	
	ET _o	ET _o	Ornamental	Ornamental	
	Avg	Avg.	Req't	Req't	
	Monthly	daily	daily	daily	Canopy
			(inches)	gal/ft ²	Area
31 Mar	4.99	0.1610	0.0644	0.040	
30 Apr	7.21	0.2403	0.0961	0.060	
31 May	9.18	0.2961	0.1185	0.074	
30 Jun	11.38	0.3793	0.1517	0.095	
31 Jul	11.62	0.3748	0.1499	0.093	
31 Aug	10.11	0.3261	0.1305	0.081	
30 Sep	8.16	0.2720	0.1088	0.068	
31 Oct	5.56	0.1794	0.0717	0.045	

Diameter of Canopy (in feet)									
4	8	12	16	20	24	28	32	34	38
12.56	50	113	201	314	452	615	804	907	1134
GALLONS REQUIRED PER DAY BASED ON CANOPY AREA									
0.50	2.01	4.53	8.06	12.6	18.1	24.7	32.3	36.4	45.5
0.75	2.99	6.77	12.04	18.8	27.1	36.8	48.2	54.3	67.9
0.93	3.69	8.34	14.83	23.2	33.4	45.4	59.3	66.9	83.7
1.19	4.73	10.68	19.00	29.7	42.7	58.1	76.0	85.7	####
1.17	4.67	10.56	18.78	29.3	42.2	57.4	75.1	84.7	####
1.02	4.06	9.18	16.34	25.5	36.7	50.0	65.3	73.7	92.2
0.85	3.39	7.66	13.62	21.3	30.6	41.7	54.5	61.5	76.9
0.56	2.23	5.05	8.98	14.0	20.2	27.5	35.9	40.5	50.7

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Botanical Name	<i>Sophora secundiflora</i>
Common Name	Texas Mountain Laurel
Type	Tree / Shrub / Evergreen
Exposure	Full Sun/Partial Sun
Width	8 - 10 ft
Height	15 - 20 ft
Region	High & Intermediate Desert 5
Water Use Category	Low

Water Use Requirement (gallons per day) - Las Vegas, NV

Based on Historical ETo - Las Vegas, NV
WUCOLS IV - LOW WATER USE COEFFICIENT

Texas Mountain Laurel

Sophora secundiflora

0.20

Mature Size

Texas Mountain Laurel

Sophora secundiflora

height 20' width 10'
light na
water reqt. low
foliage evergreen



	Las Vegas ET ₀ Avg Monthly	Las Vegas ET ₀ Avg. daily	Las Vegas Ornamental Req't daily (inches)	Las Vegas Ornamental Req't daily gal/ft ²	Canopy Area
--	--	---	---	--	-------------

31	Mar	4.99	0.1610	0.0322	0.020
30	Apr	7.21	0.2403	0.0481	0.030
31	May	9.18	0.2961	0.0592	0.037
30	Jun	11.38	0.3793	0.0759	0.047
31	Jul	11.62	0.3748	0.0750	0.047
31	Aug	10.11	0.3261	0.0652	0.041
30	Sep	8.16	0.2720	0.0544	0.034
31	Oct	5.56	0.1794	0.0359	0.022

Diameter of Canopy (in feet)			
------------------------------	--	--	--

4	6	8	10
12.56	28	50.2	78.5

GALLONS REQUIRED PER DAY BASED ON CANOPY AREA

0.25	0.56	1.0	1.6
0.38	0.84	1.5	2.4
0.46	1.03	1.9	2.9
0.59	1.32	2.4	3.7
0.59	1.31	2.3	3.7
0.51	1.14	2.0	3.2
0.43	0.95	1.7	2.7
0.28	0.63	1.1	1.8

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Botanical Name	<i>Sphaeralcea ambigua</i>
Common Name	Globe Mallow
Type	Perennial
Exposure	Full Sun
Width	2 - 4 ft
Height	2 - 4 ft
Region	High & Intermediate Desert 5
Water Use Category	Very Low

Water Use Requirement (gallons per day) - Las Vegas, NV

Based on Historical ET_o - Las Vegas, NV

WUCOLS IV - VERY LOW WATER USE COEFFICIENT

Globe Mallow

0.10

Sphaeralcea ambigua

Globe Mallow

Sphaeralcea ambigua



height 4' width 4'

light full sun, partial sun

water reqt. very low

foliage semi deciduous

	Las Vegas	Las Vegas	Las Vegas	Las Vegas	Canopy Area
	ET _o	ET _o	Ornamental	Ornamental	
	Avg.	Avg.	Req't	Req't	
Monthly	daily	daily	daily	daily	
			(inches)	gal/ft ²	

31	Mar	4.99	0.1610	0.0161	0.010
30	Apr	7.21	0.2403	0.0240	0.015
31	May	9.18	0.2961	0.0296	0.018
30	Jun	11.38	0.3793	0.0379	0.024
31	Jul	11.62	0.3748	0.0375	0.023
31	Aug	10.11	0.3261	0.0326	0.020
30	Sep	8.16	0.2720	0.0272	0.017
31	Oct	5.56	0.1794	0.0179	0.011

Diameter of Canopy (in feet)					
1	2	3	4	5	6
0.8	3.14	7.06	12.6	20	28

GALLONS REQUIRED PER DAY BASED ON CANOPY AREA					
0.01	0.03	0.07	0.13	0.20	0.28
0.01	0.05	0.11	0.19	0.29	0.42
0.01	0.06	0.13	0.23	0.36	0.52
0.02	0.07	0.17	0.30	0.46	0.67
0.02	0.07	0.16	0.29	0.46	0.66
0.02	0.06	0.14	0.26	0.40	0.57
0.01	0.05	0.12	0.21	0.33	0.48
0.01	0.04	0.08	0.14	0.22	0.32

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Botanical Name	<i>Stipa tenuissima (nasella tenuissima)</i>
Common Name	Mexican Feather Grass
Type	Shrub / Groundcover / Perennial
Exposure	Full Sun / Partial Sun
Width	1 - 2 ft
Height	1 - 2 ft
Region	High & Intermediate Desert 5
Water Use Category	Low

Water Use Requirement (gallons per day) - Las Vegas, NV

Based on Historical ET₀ - Las Vegas, NV

WUCOLS IV - LOW WATER USE COEFFICIENT

Mexican Feather Grass

0.20

Stipa tenuissima (nasella tenuissima)

Mexican Feather Grass

Stipa tenuissima (nasella tenuissima)

height 2' width 2'

light full sun, partial sun

water reqt. low

foliage



	Las Vegas	Las Vegas	Las Vegas	Las Vegas	
	ET ₀	ET ₀	Ornamental	Ornamental	
	Avg	Avg.	Req't	Req't	Canopy Area
	Monthly	daily	daily	daily	
			(inches)	gal/ft ²	
31 Mar	4.99	0.1610	0.0322	0.020	
30 Apr	7.21	0.2403	0.0481	0.030	
31 May	9.18	0.2961	0.0592	0.037	
30 Jun	11.38	0.3793	0.0759	0.047	
31 Jul	11.62	0.3748	0.0750	0.047	
31 Aug	10.11	0.3261	0.0652	0.041	
30 Sep	8.16	0.2720	0.0544	0.034	
31 Oct	5.56	0.1794	0.0359	0.022	

Diameter of Canopy (in feet)

1	2	3	4	5	6
0.8	3.14	7.06	12.6	20	28

GALLONS REQUIRED PER DAY BASED ON CANOPY AREA

0.02	0.06	0.14	0.25	0.39	0.57
0.02	0.09	0.21	0.38	0.59	0.85
0.03	0.12	0.26	0.46	0.72	1.04
0.04	0.15	0.33	0.59	0.93	1.34
0.04	0.15	0.33	0.59	0.92	1.32
0.03	0.13	0.29	0.51	0.80	1.15
0.03	0.11	0.24	0.43	0.67	0.96
0.02	0.07	0.16	0.28	0.44	0.63

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Botanical Name	<i>Tecoma capensis</i>
Common Name	Cape Honesuckle
Type	Shrub / Vine
Exposure	Full Sun - Partial Sun
Width	2 - 5 ft
Height	4 - 8 ft
Region	High & Intermediate Desert 5
Water Use Category	Moderate

Water Use Requirement (gallons per day) - Las Vegas, NV

Based on Historical ETo - Las Vegas, NV

WUCOLS IV - MODERATE WATER USE COEFFICIENT

Cape Honeysuckle

Tecoma capensis

0.40

Cape Honeysuckle

Tecoma capensis



height 8' width 5'
light full sun, partial sun
water reqt. moderate
foliage evergreen

	Las Vegas	Las Vegas	Las Vegas	Las Vegas	
	ET _o	ET _o	Ornamental	Ornamental	
	Avg	Avg.	Req't	Req't	Canopy Area
	Monthly	daily	daily	daily	
			(inches)	gal/ft ²	
31 Mar	4.99	0.1610	0.0644	0.040	
30 Apr	7.21	0.2403	0.0961	0.060	
31 May	9.18	0.2961	0.1185	0.074	
30 Jun	11.38	0.3793	0.1517	0.095	
31 Jul	11.62	0.3748	0.1499	0.093	
31 Aug	10.11	0.3261	0.1305	0.081	
30 Sep	8.16	0.2720	0.1088	0.068	
31 Oct	5.56	0.1794	0.0717	0.045	

Diameter of Canopy (in feet)						
2	3	4	5	6	7	8
3.14	7.06	12.56	19.6	28	38.46	50.24
GALLONS REQUIRED PER DAY BASED ON CANOPY AREA						
0.13	0.28	0.50	0.79	1.12	1.54	2.02
0.19	0.42	0.75	1.17	1.68	2.30	3.01
0.23	0.52	0.93	1.45	2.07	2.84	3.71
0.30	0.67	1.19	1.85	2.65	3.64	4.75
0.29	0.66	1.17	1.83	2.62	3.59	4.69
0.26	0.57	1.02	1.59	2.28	3.13	4.08
0.21	0.48	0.85	1.33	1.90	2.61	3.41
0.14	0.32	0.56	0.88	1.25	1.72	2.25

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Botanical Name	<i>Teucrium chamaedrys</i>
Common Name	Germander
Type	Perennial
Exposure	Full Sun / Partial Sun
Width	2 - 3 ft
Height	1 - 2 ft
Region	High & Intermediate Desert 5
Water Use Category	Moderate

Water Use Requirement (gallons per day) - Las Vegas, NV

Based on Historical ETo - Las Vegas, NV

SNWA - MODERATE WATER USE COEFFICIENT*

Germander

0.40

Teucrium chamaedrys

*WUCOLS does not provide a coefficient for this plant

	Las Vegas	Las Vegas	Las Vegas	Las Vegas	
	ET _o	ET _o	Ornamental	Ornamental	
	Avg	Avg.	Req't	Req't	Canopy Area
	Monthly	daily	daily	daily	
			(inches)	gal/ft ²	
31 Mar	4.99	0.1610	0.0644	0.040	
30 Apr	7.21	0.2403	0.0961	0.060	
31 May	9.18	0.2961	0.1185	0.074	
30 Jun	11.38	0.3793	0.1517	0.095	
31 Jul	11.62	0.3748	0.1499	0.093	
31 Aug	10.11	0.3261	0.1305	0.081	
30 Sep	8.16	0.2720	0.1088	0.068	
31 Oct	5.56	0.1794	0.0717	0.045	

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Germander

Teucrium chamaedrys

height 2' width 3'

light full sun, partial sun

water reqt. moderate

foliage evergreen



Diameter of Canopy (in feet)

1	2	3	4	5	6
0.8	3.14	7.06	12.6	20	28

GALLONS REQUIRED PER DAY BASED ON CANOPY AREA

0.03	0.13	0.28	0.50	0.79	1.14
0.05	0.19	0.42	0.75	1.18	1.69
0.06	0.23	0.52	0.93	1.45	2.09
0.08	0.30	0.67	1.19	1.86	2.68
0.07	0.29	0.66	1.17	1.83	2.64
0.07	0.26	0.57	1.02	1.60	2.30
0.05	0.21	0.48	0.85	1.33	1.92
0.04	0.14	0.32	0.56	0.88	1.26





Botanical Name	<i>Trachelosperum jasminoides</i>
Common Name	Star Jasmine
Type	Shrub / Ground Cover / Vine
Exposure	Full Sun - Partial Sun
Width	3 - 7 ft
Height	2 - 12 ft
Region	High & Intermediate Desert 5
Water Use Category	Moderate

Water Use Requirement (gallons per day) - Las Vegas, NV

Based on Historical ETo - Las Vegas, NV

WUCOLS IV - MODERATE WATER USE COEFFICIENT

Star Jasmine

Trachelosperum jasminoides

0.40

Star Jasmine

Trachelosperum jasminoides



height 12' width 7'
 light partial sun, shade
 water reqt. moderate
 foliage evergreen

	Las Vegas	Las Vegas	Las Vegas	Las Vegas	
	ET _o	ET _o	Ornamental	Ornamental	
	Avg	Avg.	Req't	Req't	Canopy Area
	Monthly	daily	daily	daily	
			(inches)	gal/ft ²	
31 Mar	4.99	0.1610	0.0644	0.040	
30 Apr	7.21	0.2403	0.0961	0.060	
31 May	9.18	0.2961	0.1185	0.074	
30 Jun	11.38	0.3793	0.1517	0.095	
31 Jul	11.62	0.3748	0.1499	0.093	
31 Aug	10.11	0.3261	0.1305	0.081	
30 Sep	8.16	0.2720	0.1088	0.068	
31 Oct	5.56	0.1794	0.0717	0.045	

Diameter of Canopy (in feet)

2	3	4	5	6	7	8
3.14	7.06	12.56	19.6	28	38.46	50.24

GALLONS REQUIRED PER DAY BASED ON CANOPY AREA

0.13	0.28	0.50	0.79	1.12	1.54	2.02
0.19	0.42	0.75	1.17	1.68	2.30	3.01
0.23	0.52	0.93	1.45	2.07	2.84	3.71
0.30	0.67	1.19	1.85	2.65	3.64	4.75
0.29	0.66	1.17	1.83	2.62	3.59	4.69
0.26	0.57	1.02	1.59	2.28	3.13	4.08
0.21	0.48	0.85	1.33	1.90	2.61	3.41
0.14	0.32	0.56	0.88	1.25	1.72	2.25

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Botanical Name	<i>Vitex agnus castus</i>
Common Name	Chaste Tree
Type	Tree - Deciduous
Exposure	Full Sun
Width	10 - 15 ft
Height	10 - 15 ft
Region	High & Intermediate Desert 5
Water Use Category	Low

Water Use Requirement (gallons per day) - Las Vegas, NV

Based on Historical ETo - Las Vegas, NV

WUCOLS IV - LOW WATER USE COEFFICIENT

Chaste Tree

Vitex agnus castus

0.20

Chaste Tree

Vitex agnus castus

height 15' width 15'

light na

water reqt. low

foliage deciduous



	Las Vegas	Las Vegas	Las Vegas	Las Vegas
	ET _o	ET _o	Ornamental	Ornamental
	Avg	Avg.	Req't	Req't
	Monthly	daily	daily	daily
			(inches)	gal/ft ²

31	Mar	4.99	0.1610	0.0322	0.020
30	Apr	7.21	0.2403	0.0481	0.030
31	May	9.18	0.2961	0.0592	0.037
30	Jun	11.38	0.3793	0.0759	0.047
31	Jul	11.62	0.3748	0.0750	0.047
31	Aug	10.11	0.3261	0.0652	0.041
30	Sep	8.16	0.2720	0.0544	0.034
31	Oct	5.56	0.1794	0.0359	0.022

Canopy Area

Diameter of Canopy (in feet)						
4	6	8	10	12	14	16
12.56	28	50.2	78.5	113	154	201
GALLONS REQUIRED PER DAY BASED ON CANOPY AREA						

0.25	0.56	1.01	1.57	2.27	3.09	4.03
0.38	0.84	1.50	2.35	3.38	4.61	6.02
0.46	1.03	1.85	2.90	4.17	5.68	7.42
0.59	1.32	2.37	3.71	5.34	7.28	9.50
0.59	1.31	2.34	3.67	5.28	7.19	9.39
0.51	1.14	2.04	3.19	4.59	6.26	8.17
0.43	0.95	1.70	2.66	3.83	5.22	6.81

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Latin Name	<i>Washingtonia filifera</i>
Common Name	California Fan Palm
Type	Tree / Palm and Cycad
Exposure	Full Sun
Width	10 - 20 ft
Height	30 - 60 ft
Region	High & Intermediate Desert 5
Water Use Category	Moderate

Water Use Requirement (gallons per day) - Las Vegas, NV

Based on Historical Eto - Las Vegas, NV

WUCOLS IV - MODERATE WATER USE COEFFICIENT

California Fan Palm

0.40

Washingtonia filifera

California Fan Palm

Washingtonia filifera



height 50' width 20'

light na

water reqt. moderate

foliage evergreen

	Las Vegas	Las Vegas	Las Vegas	Las Vegas	
	ET ₀	ET ₀	Ornamental	Ornamental	
	Avg	Avg.	Req't	Req't	
	Monthly	daily	daily	daily	Canopy Area
			(inches)	gal/ft ²	

31	Mar	4.99	0.1610	0.0644	0.040
30	Apr	7.21	0.2403	0.0961	0.060
31	May	9.18	0.2961	0.1185	0.074
30	Jun	11.38	0.3793	0.1517	0.095
31	Jul	11.62	0.3748	0.1499	0.093
31	Aug	10.11	0.3261	0.1305	0.081
30	Sep	8.16	0.2720	0.1088	0.068
31	Oct	5.56	0.1794	0.0717	0.045

Diameter of Canopy (in feet)

4	6	8	10	12	14	16	18	20
12.56	28	50.2	78.5	113	154	201	254	314

GALLONS REQUIRED PER DAY BASED ON CANOPY AREA

0.50	1.12	2.01	3.15	4.5	6.2	8	10	13
0.75	1.68	3.01	4.70	6.8	9.2	12	15	19
0.93	2.07	3.70	5.79	8.3	11.4	15	19	23
1.19	2.65	4.75	7.42	10.7	14.6	19	24	30
1.17	2.62	4.69	7.33	10.6	14.4	19	24	29
1.02	2.28	4.08	6.38	9.2	12.5	16	21	26
0.85	1.90	3.40	5.32	7.7	10.4	14	17	21
0.56	1.25	2.24	3.51	5.1	6.9	9	11	14

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Latin Name	<i>Washingtonia robusta</i>
Common Name	Mexican Fan Palm
Type	Tree / Palm & Cycad
Exposure	Full Sun
Width	10 - 12 ft
Height	60 - 80 ft
Region	High & Intermediate Desert 5
Water Use Category	Moderate

Water Use Requirement (gallons per day) - Las Vegas, NV

Based on Historical Eto - Las Vegas, NV

WUCOLS IV - MODERATE WATER USE COEFFICIENT

Mexican Fan Palm

0.40

Washingtonia Robusta

Mexican Fan Palm

Washingtonia robusta

height 80' width 12'

light na

water reqt. moderate

foliage evergreen



	Las Vegas	Las Vegas	Las Vegas	Las Vegas	Canopy Area
	ET _o	ET _o	Ornamental	Ornamental	
	Avg	Avg.	Req't	Req't	
	Monthly	daily	daily	daily	
			(inches)	gal/ft ²	
31 Mar	4.99	0.1610	0.0644	0.040	
30 Apr	7.21	0.2403	0.0961	0.060	
31 May	9.18	0.2961	0.1185	0.074	
30 Jun	11.38	0.3793	0.1517	0.095	
31 Jul	11.62	0.3748	0.1499	0.093	
31 Aug	10.11	0.3261	0.1305	0.081	
30 Sep	8.16	0.2720	0.1088	0.068	
31 Oct	5.56	0.1794	0.0717	0.045	

Diameter of Canopy (in feet)								
4	6	8	10	12	14	16	18	20
12.56	28	50.2	78.5	113	154	201	254	314
GALLONS REQUIRED PER DAY BASED ON CANOPY AREA								
0.50	1.12	2.01	3.15	4.5	6.2	8	10	13
0.75	1.68	3.01	4.70	6.8	9.2	12	15	19
0.93	2.07	3.70	5.79	8.3	11.4	15	19	23
1.19	2.65	4.75	7.42	10.7	14.6	19	24	30
1.17	2.62	4.69	7.33	10.6	14.4	19	24	29
1.02	2.28	4.08	6.38	9.2	12.5	16	21	26
0.85	1.90	3.40	5.32	7.7	10.4	14	17	21
0.56	1.25	2.24	3.51	5.1	6.9	9	11	14

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Botanical Name	<i>Xylosma congestum</i> 'Compacta'
Common Name	Compact Xylosma
Type	Shrub / Evergreen
Exposure	Full Sun - Partial Sun
Width	4 - 8 ft
Height	4 - 8 ft
Region	High & Intermediate Desert 5
Water Use Category	Moderate

Water Use Requirement (gallons per day) - Las Vegas, NV

Based on Historical ETo - Las Vegas, NV

WUCOLS IV - MODERATE WATER USE COEFFICIENT

Compact Xylosma

0.40

Xylosma congestum 'Compacta'

Compact Xylosma

Xylosma congestum 'Compacta'



height 8' width 8'
 light full sun, partial sun
 water reqt. moderate
 foliage evergreen

	Las Vegas	Las Vegas	Las Vegas	Las Vegas	
	ET _o	ET _o	Ornamental	Ornamental	
	Avg	Avg.	Req't	Req't	
	Monthly	daily	daily	daily	Canopy Area
			(inches)	gal/ft ²	
31 Mar	4.99	0.1610	0.0644	0.040	
30 Apr	7.21	0.2403	0.0961	0.060	
31 May	9.18	0.2961	0.1185	0.074	
30 Jun	11.38	0.3793	0.1517	0.095	
31 Jul	11.62	0.3748	0.1499	0.093	
31 Aug	10.11	0.3261	0.1305	0.081	
30 Sep	8.16	0.2720	0.1088	0.068	
31 Oct	5.56	0.1794	0.0717	0.045	

Diameter of Canopy (in feet)						
2	3	4	5	6	7	8
3.14	7.06	12.56	19.6	28	38.46	50.24
GALLONS REQUIRED PER DAY BASED ON CANOPY AREA						
0.13	0.28	0.50	0.79	1.12	1.54	2.02
0.19	0.42	0.75	1.17	1.68	2.30	3.01
0.23	0.52	0.93	1.45	2.07	2.84	3.71
0.30	0.67	1.19	1.85	2.65	3.64	4.75
0.29	0.66	1.17	1.83	2.62	3.59	4.69
0.26	0.57	1.02	1.59	2.28	3.13	4.08
0.21	0.48	0.85	1.33	1.90	2.61	3.41
0.14	0.32	0.56	0.88	1.25	1.72	2.25

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Botanical Name	<i>Yucca baccata</i>
Common Name	Banana Yucca
Type	Shrub / Succulent
Exposure	Full Sun
Width	5 ft
Height	3 ft
Region	High & Intermediate Desert 5
Water Use Category	Very Low

Water Use Requirement (gallons per day) - Las Vegas, NV

Based on Historical ETo - Las Vegas, NV

WUCOLS IV - VERY LOW WATER USE COEFFICIENT

Banana Yucca

0.10

Yucca baccata

Banana Yucca
Yucca baccata



height 3' **width** 5'
light full sun, partial sun
water reqt. very low
foliage evergreen

	Las Vegas	Las Vegas	Las Vegas	Las Vegas	
	ET _o	ET _o	Ornamental	Ornamental	
	Avg	Avg.	Req't	Req't	Canopy Area
	Monthly	daily	daily	daily	
			(inches)	gal/ft ²	
31 Mar	4.99	0.1610	0.0161	0.010	
30 Apr	7.21	0.2403	0.0240	0.015	
31 May	9.18	0.2961	0.0296	0.018	
30 Jun	11.38	0.3793	0.0379	0.024	
31 Jul	11.62	0.3748	0.0375	0.023	
31 Aug	10.11	0.3261	0.0326	0.020	
30 Sep	8.16	0.2720	0.0272	0.017	
31 Oct	5.56	0.1794	0.0179	0.011	

Diameter of Canopy (in feet)

2	3	4	5	6	7	8
3.14	7.06	12.56	19.6	28	38.46	50.24

GALLONS REQUIRED PER DAY BASED ON CANOPY AREA

0.03	0.07	0.13	0.20	0.28	0.39	0.50
0.05	0.11	0.19	0.29	0.42	0.58	0.75
0.06	0.13	0.23	0.36	0.52	0.71	0.93
0.07	0.17	0.30	0.46	0.66	0.91	1.19
0.07	0.16	0.29	0.46	0.65	0.90	1.17
0.06	0.14	0.26	0.40	0.57	0.78	1.02
0.05	0.12	0.21	0.33	0.47	0.65	0.85
0.04	0.08	0.14	0.22	0.31	0.43	0.56

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Botanical Name	<i>Yucca brevifolia</i>
Common Name	Joshua Tree
Type	Tree-Evergreen
Exposure	Full Sun
Width	15 - 30 ft
Height	15 - 30 ft
Region	High & Intermediate Desert 5
Water Use Category	Very Low

Water Use Requirement (gallons per day) - Las Vegas, NV

Based on Historical Eto - Las Vegas, NV

WUCOLS IV - VERY LOW WATER USE COEFFICIENT

Joshua Tree

Yucca brevifolia

0.10

Joshua Tree

Yucca brevifolia

height 30' width 30'

light na

water reqt. very low

foliage evergreen



	Las Vegas	Las Vegas	Las Vegas	Las Vegas	Canopy Area
	ET ₀	ET ₀	Ornamental	Ornamental	
	Avg	Avg.	Req't	Req't	
	Monthly	daily	daily	daily	
			(inches)	gal/ft ²	
31 Mar	4.99	0.1610	0.0161	0.010	
30 Apr	7.21	0.2403	0.0240	0.015	
31 May	9.18	0.2961	0.0296	0.018	
30 Jun	11.38	0.3793	0.0379	0.024	
31 Jul	11.62	0.3748	0.0375	0.023	
31 Aug	10.11	0.3261	0.0326	0.020	
30 Sep	8.16	0.2720	0.0272	0.017	
31 Oct	5.56	0.1794	0.0179	0.011	

Diameter of Canopy (in feet)								
4	6	8	10	12	14	16	18	20
12.56	28	50.2	78.5	113	154	201	254	314
GALLONS REQUIRED PER DAY BASED ON CANOPY AREA								
0.13	0.28	0.50	0.79	1.1	1.5	2	3	3
0.19	0.42	0.75	1.18	1.7	2.3	3	4	5
0.23	0.52	0.93	1.45	2.1	2.8	4	5	6
0.30	0.66	1.19	1.86	2.7	3.6	5	6	7
0.29	0.65	1.17	1.83	2.6	3.6	5	6	7
0.26	0.57	1.02	1.59	2.3	3.1	4	5	6
0.21	0.47	0.85	1.33	1.9	2.6	3	4	5
0.14	0.31	0.56	0.88	1.3	1.7	2	3	4

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Las Vegas - 72 Spectrum Blvd - Las Vegas, NV 89101

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West Las Vegas - 4705 S. Valley View Blvd - Las Vegas, NV 89103

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South Las Vegas - 6330 Annie Oakley Dr. - Las Vegas, NV 89120

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Botanical Name	<i>Yucca elata</i>
Common Name	Soaptree Yucca
Type	Shrub / Succulent
Exposure	Full Sun
Width	8 - 10 ft
Height	6 - 20 ft
Region	High & Intermediate Desert 5
Water Use Category	Very Low

Water Use Requirement (gallons per day) - Las Vegas, NV

Based on Historical ETo - Las Vegas, NV

WUCOLS IV - VERY LOW WATER USE COEFFICIENT

Soaptree Yucca

0.10

Yucca elata

Soaptree Yucca

Yucca elata



height 8' width 6'
 light full sun, partial sun
 water reqt. very low
 foliage evergreen

	Las Vegas	Las Vegas	Las Vegas	Las Vegas	
	ET ₀	ET ₀	Ornamental	Ornamental	
	Avg.	Avg.	Req't	Req't	Canopy Area
	Monthly	daily	daily	daily	
			(inches)	gal/ft ²	
31 Mar	4.99	0.1610	0.0161	0.010	
30 Apr	7.21	0.2403	0.0240	0.015	
31 May	9.18	0.2961	0.0296	0.018	
30 Jun	11.38	0.3793	0.0379	0.024	
31 Jul	11.62	0.3748	0.0375	0.023	
31 Aug	10.11	0.3261	0.0326	0.020	
30 Sep	8.16	0.2720	0.0272	0.017	
31 Oct	5.56	0.1794	0.0179	0.011	

Diameter of Canopy (in feet)

2	3	4	5	6	7	8
3.14	7.06	12.56	19.6	28	38.46	50.24

GALLONS REQUIRED PER DAY BASED ON CANOPY AREA

0.03	0.07	0.13	0.20	0.28	0.39	0.50
0.05	0.11	0.19	0.29	0.42	0.58	0.75
0.06	0.13	0.23	0.36	0.52	0.71	0.93
0.07	0.17	0.30	0.46	0.66	0.91	1.19
0.07	0.16	0.29	0.46	0.65	0.90	1.17
0.06	0.14	0.26	0.40	0.57	0.78	1.02
0.05	0.12	0.21	0.33	0.47	0.65	0.85
0.04	0.08	0.14	0.22	0.31	0.43	0.56

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Botanical Name	<i>Yucca recurvifolia</i>
Common Name	Curve Leaf Yucca
Type	Shrub / Succulent
Exposure	Full Sun / Partial Sun
Width	4 - 6 ft
Height	4 - 6 ft
Region	High & Intermediate Desert 5
Water Use Category	Low

Water Use Requirement (gallons per day) - Las Vegas, NV

Based on Historical ETo - Las Vegas, NV

WUCOLS IV - LOW WATER USE COEFFICIENT

Curve Leaf Yucca

0.20

Yucca recurvifolia

Curve Leaf Yucca

Yucca recurvifolia

height 6' width 6'

light full sun, partial sun

water reqt. low

foliage evergreen



	Las Vegas	Las Vegas	Las Vegas	Las Vegas	
	ET _o	ET _o	Ornamental	Ornamental	
	Avg	Avg.	Req't	Req't	Canopy Area
	Monthly	daily	daily	daily	
			(inches)	gal/ft ²	
31 Mar	4.99	0.1610	0.0322	0.020	
30 Apr	7.21	0.2403	0.0481	0.030	
31 May	9.18	0.2961	0.0592	0.037	
30 Jun	11.38	0.3793	0.0759	0.047	
31 Jul	11.62	0.3748	0.0750	0.047	
31 Aug	10.11	0.3261	0.0652	0.041	
30 Sep	8.16	0.2720	0.0544	0.034	
31 Oct	5.56	0.1794	0.0359	0.022	

Diameter of Canopy (in feet)

1	2	3	4	5	6
0.8	3.14	7.06	12.6	20	28

GALLONS REQUIRED PER DAY BASED ON CANOPY AREA

0.02	0.06	0.14	0.25	0.39	0.57
0.02	0.09	0.21	0.38	0.59	0.85
0.03	0.12	0.26	0.46	0.72	1.04
0.04	0.15	0.33	0.59	0.93	1.34
0.04	0.15	0.33	0.59	0.92	1.32
0.03	0.13	0.29	0.51	0.80	1.15
0.03	0.11	0.24	0.43	0.67	0.96
0.02	0.07	0.16	0.28	0.44	0.63

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Botanical Name	<i>Yucca rostrata</i>
Common Name	Beaked Yucca
Type	Shrub / Succulent
Exposure	Full Sun / Partial Sun
Width	4 - 6 ft
Height	4 - 6 ft
Region	High & Intermediate Desert 5
Water Use Category	Very Low

Water Use Requirement (gallons per day) - Las Vegas, NV

Based on Historical ET_o - Las Vegas, NV

WUCOLS IV - VERY LOW WATER USE COEFFICIENT

Beaked Yucca

0.10

Yucca rostrata

Beaked Yucca

Yucca rostrata

height 6' width 6'

light full sun / partial sun

water reqt. very low

foliage evergreen



	Las Vegas	Las Vegas	Las Vegas	Las Vegas	Canopy Area
	ET _o	ET _o	Ornamental	Ornamental	
	Avg.	Avg.	Req't	Req't	
	Monthly	daily	daily	daily	
			(inches)	gal/ft ²	
31 Mar	4.99	0.1610	0.0161	0.010	
30 Apr	7.21	0.2403	0.0240	0.015	
31 May	9.18	0.2961	0.0296	0.018	
30 Jun	11.38	0.3793	0.0379	0.024	
31 Jul	11.62	0.3748	0.0375	0.023	
31 Aug	10.11	0.3261	0.0326	0.020	
30 Sep	8.16	0.2720	0.0272	0.017	
31 Oct	5.56	0.1794	0.0179	0.011	

Diameter of Canopy (in feet)						
	1	2	3	4	5	6
	0.8	3.14	7.06	12.6	20	28
GALLONS REQUIRED PER DAY BASED ON CANOPY AREA						
	0.01	0.03	0.07	0.13	0.20	0.28
	0.01	0.05	0.11	0.19	0.29	0.42
	0.01	0.06	0.13	0.23	0.36	0.52
	0.02	0.07	0.17	0.30	0.46	0.67
	0.02	0.07	0.16	0.29	0.46	0.66
	0.02	0.06	0.14	0.26	0.40	0.57
	0.01	0.05	0.12	0.21	0.33	0.48
	0.01	0.04	0.08	0.14	0.22	0.32

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BOTANICAL NAME	COMMON NAME	WUCOLS - Region 5 (Barstow)	PAGE	Mature Canopy Diameter - feet	Type		
Acacia aneura	Mulga	Low	1	15	Tree - Deciduous		
Acacia gregii	Cat Claw Acacia	Low	3	20	Tree/Shrub - Deciduous		
Acacia pendula	Weeping Acacia	Low	5	20	Tree - Evergreen		
Acacia redolens 'Desert Carpet'	Desert Carpet Acacia	Low	7	12	Shrub/Groundcover - Evergreen		
Acacia stenophylla	Shoestring Acacia	Low	9	20	Tree - Evergreen		
Agave filifera	Thread Agave	Low	11	2	Shrub - perennial		
Agave murpheyi	Murphy Agave	Low	13	3	Shrub - perennial		
Agave ovatifolia	Whale's Tongue Agave	Low	15	4	Shrub - perennial		
Agave salmiana	Giant Agave	Moderate	17	12	Shrub - perennial		
Agave vilomoriana	Octopus Agave	Low	19	4	Shrub - perennial		
Albizzia julibrissin	Silk Tree (Mimosa)	Moderate	21	30	Tree - Deciduous		
Aloe vera	Barbados aloe (Medicinal Aloe)	Low	23	2	Shrub / Succulent		
Alogyne huegeli	Blue Hibiscus	Low	25	6	Shrub - Evergreen		
Arbutus x andrachnoides 'Marina'	Marina Strawberry Tree	Moderate	27	10	Tree - Evergreen		
Asclepias subulata	Desert Milkweed	Low	29	6	Shrub - Evergreen		
Baileya multiradiata	Desert Marigold	Low	31	2	Shrub - perennial		
Brachychiton populneus	Bottle Tree	Moderate	33	20	Tree-Evergreen		
Buddleja davidii 'Blackknight'	Black Knight Butterfly Bush	Moderate	35	6	Shrub - Deciduous / Semi Deciduous		
Buddleja utahensis	Utah Butterflybush	Low	37	2	Shrub		
Butita capitata	Pindo Palm	Moderate	39	15	Tree/Palm & Cycad		
Caesalpinia mexicana	Mexican Bird of Paradise	Low	41	6	Tree/Shrub - Evergreen		
Calamagrostis acutiflora - 'Karl Foerster'	Korean Feather Reed Grass	Moderate	43	3	Ornamental Grass		
Callistemon citrinus	Lemon Bottlebrush	Moderate	45	8	Shrub - Evergreen		
Callistemon 'Little John'	Little John Dwarf Bottlebrush	Moderate	47	3	Shrub - Evergreen		
Carnegiea gigantea	Saguaro Cactus (with arms)	Low	49	6	Cactus		
Celtis occidentales	Common Hackberry	Moderate	51	30	Tree - Deciduous		
Chamaerops humilis	Mediterranean Fan Palm	Moderate	53	15	Shrub/Palm & Cycad		
Chilopsis linearis	Desert Willow	Moderate	55	20	Tree - Deciduous		

BOTANICAL NAME	COMMON NAME	WUCOLS - Region 5 (Barstow)	PAGE	Mature Canopy Diameter - feet	Type
<i>Convolvulus cneorum</i>	Bush Morning Glory	Low	57	4	Shrub - Evergreen
<i>Cordia boissieri</i>	Texas Olive	Low	59	15	Tree/Semi-Deciduous
<i>Cotoneaster parneyi</i>	Red Clusterberry	Moderate	61	6	Shrub - Evergreen
<i>Cylindropuntia ramosissima</i>	Diamond cholla	Very Low	63	5	Shrub/Cactus
<i>Dasylirocn acrotriche</i>	Green Desert Spoon	Low	65	6	Shrub - Evergreen
<i>Dodonaea viscosa</i>	Hopseed Bush	Moderate	67	6	Shrub - Evergreen
<i>Ebenopsis ebano</i>	Texas Ebony	Low	69	20	Tree/Semi-Deciduous
<i>Echinocereus grusonii</i>	Golden Barrel Cactus	Low	71	3	Shrub/Cactus
<i>Echinopsis pachanoi</i>	San Pedro Cactus	Low	73	6	Shrub/Cactus
<i>Encelia farinosa</i>	Brittlebush	Very Low	75	4	Shrub - Deciduous
<i>Ephedra viridis</i>	Green Ephedra	Very Low	77	3	Shrub - Evergreen
<i>Eremophila maculata</i> 'valentine'	Valentine Bush	Low	79	5	Shrub - Evergreen
<i>Eriogonum corymbosum</i> var. <i>nilseii</i>	Las Vegas Buckwheat	Very Low	81	3	Shrub - Evergreen
<i>Espostoa lanata</i>	Peruvian Old Man Cactus	Low	83	2	Shrub/Cactus
<i>Eucalyptus Microtheca</i>	Coolibah	Moderate	85	25	Tree - Evergreen
<i>Fouquieria splendens</i>	Ocotillo	Very Low	87	6	Shrub
<i>Fraxinus gregii</i>	Littleleaf Ash	Moderate	89	15	Tree/Semi-Deciduous
<i>Fraxinus velutina</i>	Arizona Ash	Moderate	91	30	Tree-Deciduous
<i>Gleditsia triacanthos</i>	Honey Locust 'Shademaster'	Low	93	30	Tree-Deciduous
<i>Hesperaloe parviflora</i>	Red Yucca	Low	95	3	Yucca - Evergreen
<i>Krascheninnikovia lanata</i>	Winterfat	Low	97	3	Shrub - Evergreen
<i>Lagerstroemia indica</i>	Crape Myrtle	Moderate	99	15	Tree - Deciduous
<i>Lantana camara</i> 'Dallas Red'	Dallas Red Lantana	Moderate	101	6	Perennial Groundcover-Evergreen
<i>Lantana camara</i> 'New Gold'	New Gold Lantana	Moderate	103	6	Perennial Groundcover-Evergreen
<i>Lantana montevidensis</i> 'Purple'	Purple Trailing Lantana	Moderate	105	6	Perennial Groundcover-Evergreen
<i>Laurus nobilis</i>	Sweet Bay	Moderate	107	12	Tree-Evergreen
<i>Leucophyllum frutescens</i> - 'Green Cloud'	'Green Cloud' Texas Sage	Low	109	6	Shrub-Evergreen
<i>Leucophyllum langmaniae</i> - 'Lynn's Legacy'	'Lynn's Legacy' Texas Sage	Low	111	5	Shrub-Evergreen
<i>Leucophyllum langmaniae</i> - 'Rio Bravo'	'Rio Bravo' Texas Sage	Low	113	6	Shrub-Evergreen
<i>Leucophyllum zygomphyllum</i>	Cup Leaf Texas Sage	Low	115	3	Shrub-Evergreen
<i>Ligustrum japonicum</i>	Wax Leaf Privet	Moderate	117	15	Shrub/Tree - Evergreen
<i>Lysiloma watsonii thomberi</i>	Lysiloma 'Fern of the Desert'	Low	119	15	Tree/Deciduous - Semi Deciduous
<i>Malus pumila</i> 'Anna'	Anna Apple	Moderate	121	20	Tree - Deciduous
<i>Mirabilis multiflora</i>	Desert Four O'Clock	Low	123	2	Perennial Shrub
<i>Muhlenbergia cappilaris</i> 'Regal Mist'	Regal Mist Grass	Moderate	125	3	Perennial Grass
<i>Muhlenbergia emersleyi</i> 'El Toro'	El Toro Grass	Moderate	127	3	Ornamental Grass

BOTANICAL NAME	COMMON NAME	WUCOLS - Region 5 (Barstow)	PAGE	Mature Canopy Diameter - feet	Type		
Muhlenbergia lindheimeri 'Autumn Glow'	Autumn Glow Grass	Moderate	129	5	Ornamental Grass		
Muhlenbergia rigens	Deer Grass	Moderate	131	4	Ornamental Grass		
Nandina domestica	Heavenly Bamboo	Moderate	133	6	Shrub/Evergreen-Semi Deciduou:		
Nasella tenuissima - 'Stipa tenuissima'	Mexican Feather Grass	Low	135	2	Ornamnetal Grass		
Nerium oleander 'Light Pink'	Light Pink Oleander	Moderate	137	15	Shrub-Evergreen		
Nolina microcarpa	Beargrass	Low	139	5	Perennial Shrub		
Nolina nelsonii	Blue Nolina	Low	141	4	Perennial Shrub		
Olea europaea 'Wilsoni' Natural	Wilson Olive Natural	Low	143	25	Tree/Shrub - Evergreen		
Opuntia acanthocarpa	Buck-Horn Cholla	Very Low	145	6	Shrub - Cactus		
Opuntia basilaris v. basilaris	Beavertail Pricklypear	Very Low	147	4	Shrub - Cactus		
Orocereus celsianus	Old Man of the Andes	Low	149	2	Shrub - Cactus		
Parkinsonia microphylla (Cercidium)	Little Leaf Palo Verde	Low	151	30	Tree- Semi Deciduous		
Parkinsonia x Desert Museum (Cercidium)	Desert Museum Palo Verde	Low	153	25	Tree-Deciduous		
Parkinsonia x florida (Cercidium)	Blue Palo Verde	Low	155	30	Tree- Semi Deciduous		
Pennisetum x advena 'Rubrum'	Red Fountain Grass	Moderate	157	3	Ornamental Grass		
Perovskia atriplicifolia	Russian Sage	Low	159	2	Perennial Shrub		
Phlomis lanata	Jerusalem Sage	Low	161	4	Perennial Shrub		
Phoenix canariensis	Canary Island Date Palm	Moderate	163	30	Tree-Palm/Cycad		
Phoenix dactylifera	Date Palm	Moderate	165	40	Tree-Palm/Cycad		
Pinus eldarica	Mondell Pine, Afghan Pine	Moderate	167	30	Tree-Evergreen		
Pinus halepensis	Aleppo Pine	Moderate	169	30	Tree - Evergreen		
Pistacia lentiscus	Mastic Tree	Low	171	15	Tree - Evergreen		
Pistacia vera	Pistacio Nut	Moderate	173	30	Tree-Deciduous		
Pistacia x Red Push	Red Push Pistache	Moderate	175	30	Tree-Deciduous		
Platanus mexicana	Mexican Sycamore	Moderate	177	40	Tree-Deciduous		
Podocarpus gracilior	African Fern Pine, Podocarpus	Moderate	179	25	Tree / Evergreen Conifer		
Podocarpus macrophyllus	Yew Pine	Moderate	181	8	Tree / Evergreen Conifer		
Populus fremonti	Fremont Cottonwood	HIGH	183	50	Tree-Deciduous		
Prosopis chilensis	Chilean Mesquite	Low	185	30	Tree-Deciduous		
Prosopis glandulosa v. 'Torreyana'	Western Honey Mesquite - Torrey	Low	187	20	Tree-Deciduous		
Prunus carolina 'compacta'	Compact Carolina Cherry	Moderate	189	6	Shrub-Evergreen		

BOTANICAL NAME	COMMON NAME	WUCOLS - Region 5 (Barstow)	PAGE	Mature Canopy Diameter - feet	Type		
<i>Prunus cerasifera</i>	Purple Leaf Plum	Moderate	191	25	Tree-Deciduous		
<i>Quercus fusiformis</i>	Escarpment Live Oak	Low	193	40	Tree-Evergreen		
<i>Quercus Ilex</i>	Holly Oak	Moderate	195	60	Tree-Evergreen		
<i>Quercus shumardi</i>	Shumard Oak, Red Oak	Moderate	197	40	Tree-Deciduous		
<i>Quercus virginiana</i>	Cathedral Oak	Moderate	199	100	Tree/Semi Deciduous		
<i>Rhus lanceolata</i>	Flameleaf Sumac	Low	201	20	Tree-Deciduous		
<i>Rhus trilobata (Rhus aromatica)</i>	Skunkbush	Low	203	10	Shrub - Deciduous		
<i>Rosmarinus officialnalis</i>	Trailing Rosemary	Moderate	205	8	Shrub - Evergreen		
<i>Salvia clevelandi</i>	Chaparral Sage	Low	207	6	Perennial Shrub		
<i>Salvia dorii</i>	Grayball Sage	Low	209	4	Perennial Shrub		
<i>Salvia gregii</i>	Sierra Linda tm	Moderate	211	2	Perennial Shrub		
<i>Schinus molle</i>	Pepper Tree	Moderate	213	40	Tree-Evergreen		
<i>Searcia lancea (Rhus lancea)</i>	African Sumac	Moderate	215	35	Tree-Evergreen		
<i>Sophora secundiflora</i>	Texas Mountain Laurel	Low	217	10	Tree/Shrub - Evergreen		
<i>Sphaeralcea ambigua</i>	Globe Mallow	Very Low	219	4	Perennial Shrub - Semi Deciduou:		
<i>Stipa tenuissima (Nasella tenuissima)</i>	Mexican Feather Grass	Low	221	2	Ornamental Grass		
<i>Tecoma capensis</i>	Cape Honeysuckle	Moderate	223	5	Shrub/Vine - Evergreen		
<i>Teucrium chamaedrys</i>	Germander	Moderate	225	3	Perennial		
<i>Trachelosperum jasminoides</i>	Star Jasmine	Moderate	227	7	Shrub/Groundcover/Vine		
<i>Vitex agnus castus</i>	Chaste Tree	Low	229	15	Tree-Deciduous		
<i>Washingtonia filifera</i>	California Fan Palm	Moderate	231	20	Tree/Palm & Cycad		
<i>Washingtonia Robusta</i>	Mexican Fan Palm	Moderate	233	12	Tree/Palm & Cycad		
<i>Xylosma congestum 'Compacta'</i>	Compact Xylosma	Moderate	235	8	Shrub/Evergreen		
<i>Yucca baccata</i>	Banana Yucca	Low?	237	5	Shrub - succulent		
<i>Yucca brevifolia</i>	Joshua Tree	Very Low	239	30	Tree - Evergreen		
<i>Yucca elata</i>	Soaptree Yucca	Very Low	241	10	Shrub - succulent		
<i>Yucca recurvifolia</i>	Weeping Yucca	Low	243	6	Shrub - succulent		
<i>Yucca rostrata</i>	Beaked Yucca	Very Low	245	6	Shrub - succulent		