

APPENDIX A NATIONAL AMBIENT AIR QUALITY STANDARDS

Pollutant	Primary Standards		Secondary Standards	
	Level	Averaging Time	Level	Averaging Time
Carbon Monoxide	9 ppm (10 µg/m ³)	8-hour ⁽¹⁾	None	
	35 ppm (40 µg/m ³)	1-hour ⁽¹⁾		
Lead	1.5 µg/m ³	Quarterly Average	Same as Primary	
Nitrogen Dioxide	0.053 ppm (100 µg/m ³)	Annual (Arithmetic Mean)	Same as Primary	
Particulate Matter (PM ₁₀)	150 µg/m ³	24-hour ⁽²⁾	Same as Primary	
Particulate Matter (PM _{2.5})	15.0 µg/m ³	Annual ⁽³⁾ (Arithmetic Mean)	Same as Primary	
	35 µg/m ³	24-hour ⁽⁴⁾	Same as Primary	
Ozone	0.075 ppm (2008 std)	8-hour ⁽⁵⁾	Same as Primary	
	0.08 ppm (1997 std)	8-hour ⁽⁶⁾	Same as Primary	
	0.12 ppm	1-hour ⁽⁷⁾ (Applies only in limited areas)	Same as Primary	
Sulfur Dioxide	0.03 ppm	Annual (Arithmetic Mean)	0.5 ppm (1300 µg/m ³)	3-hour ⁽¹⁾
	0.14 ppm	24-hour ⁽¹⁾		

⁽¹⁾ Not to be exceeded more than once per year.

⁽²⁾ Not to be exceeded more than once per year on average over 3 years.

⁽³⁾ To attain this standard, the 3-year average of the weighted annual mean PM_{2.5} concentrations from single or multiple community-oriented monitors must not exceed 15.0 µg/m³.

⁽⁴⁾ To attain this standard, the 3-year average of the 98th percentile of 24-hour concentrations at each population-oriented monitor within an area must not exceed 35 µg/m³ (effective December 17, 2006).

⁽⁵⁾ To attain this standard, the 3-year average of the fourth-highest daily maximum 8-hour average ozone concentrations measured at each monitor within an area over each year must not exceed 0.075 ppm. (effective May 27, 2008)

⁽⁶⁾ (a) To attain this standard, the 3-year average of the fourth-highest daily maximum 8-hour average ozone concentrations measured at each monitor within an area over each year must not exceed 0.08 ppm.

(b) The 1997 standard—and the implementation rules for that standard—will remain in place for implementation purposes as EPA undertakes rulemaking to address the transition from the 1997 ozone standard to the 2008 ozone standard.

⁽⁷⁾ (a) The standard is attained when the expected number of days per calendar year with maximum hourly average concentrations above 0.12 ppm is ≤ 1.

(b) As of June 15, 2005 EPA revoked the [1-hour ozone standard](#) in all areas except the 8-hour ozone nonattainment [Early Action Compact \(EAC\) Areas](#).

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APPENDIX B NOXIOUS WEEDS

TABLE 1. LIST OF NEVADA'S NOXIOUS WEEDS

Scientific Name	Common Name
Category A Weeds	
<i>Peganum harmala</i>	African rue
<i>Rorippa austriaca</i>	Austrian fieldcress
<i>Sphaerophysa salsula</i> / <i>Swainsona salsula</i>	Austrian peaweed
<i>Hyoscyamus niger</i>	Black henbane
<i>Alhagi camelorum</i>	Camelthorn
<i>Crupina vulgaris</i>	Common crupina
<i>Linaria dalmatica</i>	Dalmation toadflax
<i>Isatis tinctoria</i>	Dyer's woad
<i>Myriophyllum spicatum</i>	Eurasian water-milfoil
<i>Arundo donax</i>	Giant Reed
<i>Salvinia molesta</i>	Giant salvinia
<i>Galega officinalis</i>	Goats rue
<i>Pennisetum setaceum</i>	Green fountain grass
<i>Cynoglossum officinale</i>	Houndstongue
<i>Hydrilla verticillata</i>	Hydrilla
<i>Centaurea iberica</i>	Iberian starthistle
<i>Hypericum perforatum</i>	Klamath weed
<i>Centaurea melitensis</i>	Malta star thistle
<i>Anthemis cotula</i>	Mayweed chamomile
<i>Salvia aethiopis</i>	Mediterranean sage
<i>Lythrum salicaria</i> , <i>L. virgatum</i> and their cultivars	Purple loosestrife
<i>Centaurea calcitrapa</i>	Purple starthistle
<i>Chondrilla juncea</i>	Rush skeletonweed
<i>Sonchus arvensis</i>	Sow thistle
<i>Centaurea masculosa</i>	Spotted knapweed
<i>Centaurea virgata</i>	Squarrose knapweed
<i>Potentilla recta</i>	Sulfur cinquefoil
<i>Zygophyllum fabago</i>	Syrian bean caper
<i>Centaurea solstitialis</i>	Yellow starthistle
<i>Linaria vulgaris</i>	Yellow toadflax
Category B Weeds	
<i>Solanum carolinense</i>	Carolina horse-nettle
<i>Centaurea diffusa</i>	Diffuse knapweed
<i>Euphorbia esula</i>	Leafy spurge

Scientific Name	Common Name
<i>Taeniatherum caput-medusae</i>	Medusahead
<i>Carduus nutans</i>	Musk thistle
<i>Acroptilon repens</i>	Russian knapweed
<i>Brassica tournefortii</i>	Sahara mustard
<i>Onopordum acanthium</i>	Scotch thistle
<i>Solanum elaeagnifolium</i>	White horse-nettle
Category C Weeds	
<i>Cirsium arvense</i>	Canada thistle
<i>Cardaria draba</i>	Hoary cress
<i>Sorghum halepense</i>	Johnson grass
<i>Lepidium latifolium</i>	Perennial pepperweed
<i>Conium maculatum</i>	Poison hemlock
<i>Tribulus terrestris</i>	Puncture vine
<i>Tamarix spp</i>	Salt cedar (tamarisk)
<i>Cicuta maculata</i>	Water hemlock

Source: Nevada Department of Agriculture (NDA 2005).

CATEGORY "A": Weeds not found or limited in distribution throughout the state; actively excluded from the state and actively eradicated wherever found; actively eradicated from nursery stock dealer premises; control required by the state in all infestations.

CATEGORY "B": Weeds established in scattered populations in some counties of the state; actively excluded where possible, actively eradicated from nursery stock dealer premises; control required by the state in areas where populations are not well established or previously unknown to occur.

CATEGORY "C": Weeds currently established and generally widespread in many counties of the state; actively eradicated from nursery stock dealer premises; abatement at the discretion of the state quarantine officer.

APPENDIX C OBSERVED PLANT SPECIES

FAMILY	SCIENTIFIC NAME	COMMON NAME
Asteraceae	<i>Adenophyllum cooperi</i>	Cooper's dogweed
Asteraceae	<i>Ambrosia dumosa</i>	burrobush
Asteraceae	<i>Ambrosia eriocentra</i>	woolly bur-sage
Asteraceae	<i>Bebbia juncea</i> var. <i>aspera</i>	sweetbush
Asteraceae	<i>Brickellia arguta</i>	pungent brickellbush
Asteraceae	<i>Encelia frutescens</i>	California encelia
Asteraceae	<i>Ericameria pinifolia</i>	pinebush
Asteraceae	<i>Filgao californica</i>	California cottonrose
Asteraceae	<i>Gutierrezia microcephala</i>	matchweed
Asteraceae	<i>Hymenoclea salsola</i>	burrobrush
Asteraceae	<i>Malacothrix californica</i>	desert dandelion
Asteraceae	<i>Porophyllum gracile</i>	odora
Asteraceae	<i>Stephanomeria pauciflora</i>	small wire lettuce
Asteraceae	<i>Viguiera parishii</i>	Parish's goldeneye
Asteraceae	<i>Xylorhiza tortifolia</i> var. <i>tortifolia</i>	Mojave woody aster
Bignoniaceae	<i>Chilopsis linearis</i>	desert willow
Boraginaceae	<i>Amsinckia tessellata</i> var. <i>tessellata</i>	bristly fiddleneck
Boraginaceae	<i>Cryptantha circumcissa</i>	cushion cryptantha
Boraginaceae	<i>Cryptantha micrantha</i>	redroot cryptantha
Boraginaceae	<i>Cryptantha nevadensis</i>	Nevada cryptantha
Boraginaceae	<i>Cryptantha utahense</i>	scented cryptantha
Brassicaceae	<i>Guillenia lasiophylla</i>	California mustard
Brassicaceae	<i>Lepidium flavum</i>	yellow pepperweed
Brassicaceae	<i>Lepidium fremontii</i>	Desert pepperweed
Brassicaceae	<i>Lepidium nitidum</i> var. <i>howellii</i>	shining pepperweed
Cactaceae	<i>Echinocactus polycephalus</i>	many-headed barrel cactus
Cactaceae	<i>Echinocereus fasciculatus</i>	robust hedgehog cactus
Cactaceae	<i>Ferocactus cylindraceus</i>	California barrel cactus
Cactaceae	<i>Mammillaria tetrancistra</i>	many-spined fishhook cactus
Cactaceae	<i>Opuntia acanthocarpa</i> ssp. <i>Coloradensis</i>	buckhorn cholla
Cactaceae	<i>Opuntia basilaris</i>	beavertail cholla
Cactaceae	<i>Opuntia echinocarpa</i> ssp. <i>echinocarpa</i>	silver cholla
Cactaceae	<i>Opuntia ramosissima</i>	diamond cholla
Cactaceae	<i>Sclerocactus johnsonii</i>	Johnson's devil claw
Chenopodiaceae	<i>Atriplex canescens</i>	fourwing saltbrush
Chenopodiaceae	<i>Grayia spinosa</i>	hosage

FAMILY	SCIENTIFIC NAME	COMMON NAME
Chenopodiaceae	<i>Krasheninnikovia lanata</i>	winter fat
Cucurbitaceae	<i>Cucurbita palmata</i>	coyote melon
Ephedraceae	<i>Ephedra cf. nevadensis</i>	Nevada jointfir
Ephedraceae	<i>Ephedra viridis</i>	mormon tea
Euphorbiaceae	<i>Chamaesyce albomarginata</i>	rattlesnake weed
Fabaceae	<i>Dalea mollisma</i>	silk dalea
Fabaceae	<i>Psorothamnus arborescens var. minutifolius</i>	Johnson's indigo bush
Fabaceae	<i>Senna armata</i>	spiny senna
Geraniaceae	<i>Erodium cicutarium</i>	redstem stork's bill
Hydrophyllaceae	<i>Phacelia</i> sp.	likely <i>crenulata</i> (notchleaved phacelia)
Hydrophyllaceae	<i>Phacelia distans</i>	distant phacelia
Krameriaceae	<i>Krameria erecta</i>	Pima rhatany
Lamiaceae	<i>Salazaria mexicana</i>	bladder sage
Lamiaceae	<i>Salvia columbariae</i>	chia
Lamiaceae	<i>Salvia mojavensis</i>	Mojave sage
Liliaceae	<i>Yucca brevifolia</i>	Joshua tree
Liliaceae	<i>Yucca schidigera</i>	Mojave yucca
Loasaceae	<i>Mentzelia albicaulis</i>	whitestem blazingstar
Loasaceae	<i>Mentzelia involucrata</i>	whitebract blazingstar
Loasaceae	<i>Petalonyx nitidus</i>	shiny-leaf sandpaper plant
Malvaceae	<i>Sphaeralcea ambigua</i>	desert apricot mallow
Nyctaginaceae	<i>Allionia incarnata</i>	trailing four o'clock
Nyctaginaceae	<i>Mirabilis bigelovii</i>	wishbone bush
Onagraceae	<i>Oenothera deltoides</i>	basket evening primrose
Papaveraceae	<i>Eschscholzia munitiflora</i> ssp. <i>minutiflora</i>	pygmy poppy
Plantaginaceae	<i>Plantago ovata</i>	desert plantain
Poaceae	<i>Acnatherum hymenoides</i>	indian ricegrass
Poaceae	<i>Acnatherum speciosum</i>	desert needlegrass
Poaceae	<i>Aristida purpurea</i>	three-awn
Poaceae	<i>Bromus madritensis</i> ssp. <i>rubens</i>	red brome
Poaceae	<i>Bromus tectorum</i>	cheat grass
Poaceae	<i>Erioneuron pulchellum</i>	fluff grass
Poaceae	<i>Melica</i> sp.	likely <i>frutescens</i>
Poaceae	<i>Pleuraphis rigida</i>	big galleta
Poaceae	<i>Schismus arabicus</i>	split grass
Poaceae	<i>Vulpia myuros</i>	foxtail fescue
Polemoniaceae	<i>Gilia brecciarum</i>	Nevada gilia
Polemoniaceae	<i>Langloisia setosissima</i> ssp. <i>setosissima</i>	bristly langloisia
Polemoniaceae	<i>Linanthus dichotomus</i>	evening snow
Polygonaceae	<i>Chorizanthe brevicornu</i>	brittle spineflower

FAMILY	SCIENTIFIC NAME	COMMON NAME
Polygonaceae	<i>Chorizanthe rigida</i>	rigid spiny herb
Polygonaceae	<i>Eriogonum angulosum</i>	anglestem buckwheat
Polygonaceae	<i>Eriogonum brachypodium</i>	skeleton weed
Polygonaceae	<i>Eriogonum fasciculatum</i>	eastern Mojave buckwheat
Polygonaceae	<i>Eriogonum inflatum</i>	desert trumpet
Polygonaceae	<i>Eriogonum mohavense</i>	western Mojave buckwheat
Polygonaceae	<i>Eriogonum palmerianum</i>	Palmer's buckwheat
Polygonaceae	<i>Eriogonum pusillum</i>	puny buckwheat
Polygonaceae	<i>Oxytheca perfoliata</i>	round-leaved spineflower
Polygonaceae	<i>Salsola tragus</i>	Russian thistle
Pteridaceae	<i>Cheilanthes parryi</i>	cloak fern
Rosaceae	<i>Prunus fasciculata</i>	desert almond
Rutaceae	<i>Thamnosia montana</i>	turpentine-broom
Scrophulariaceae	<i>Penstemon bicolor</i> spp. <i>roseus</i>	rosy twin-toned beardtongue
Scrophulariaceae	<i>Penstemon</i> sp.	likely <i>floridus</i> (Panamint beardtongue)
Solanaceae	<i>Lycium andersonii</i>	water jacket
Solanaceae	<i>Lycium cooperi</i>	peach thorn
Solanaceae	<i>Physalis crassifolia</i>	ground-cherry
Solanaceae	<i>Nicotiana obtusifolia</i>	desert tobacco
Viscaceae	<i>Phoradendron californicum</i>	desert mistletoe
Zygophyllaceae	<i>Larrea tridentata</i>	creosote bush