**California and Nevada: Last Year's Ski Area Scorecard**
**http://www.skiareacitizens.com/index.php?nav=how_we_grade**

| # | **Criteria** (The Ski Area Environmental Scorecard only considers projects that have been proposed, approved or implemented from 2005 to present, on a progressive basis with 100% points docked for proposals made or still in place, approved, or implemented in the last year (based on calendar year), 80% between one and two years ago, 60% between two and three years ago, 40% between three and four years ago, 20% between four and five years ago.) | Maximum Points | Alpine Meadows Ski Area | Bear Valley Mountain Resort | Bear Mountain Resort | Boreal Mountain Resort | Dodge Ridge | Heavenly Mountain Resort | Homewood Mountain Resort | Kirkwood Mountain Resort | Mammoth Mountain Ski Area | Mountain High Resort | Mt. Rose - Ski Tahoe | Mt. Shasta Board & Ski Park | Northstar-at-Tahoe | Sierra-at-Tahoe Ski Resort | Sierra Summit Mountain Resort | Snow Summit Mountain Resort | Snow Valley Mountain Resort | Squaw Valley USA | Sugar Bowl Ski Resort | Las Vegas Ski and Snowboard Resort |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | **Habitat Protection** | | | | | | | | | | | | | | | | | | | | | |
| 1 | **Maintaining Ski Terrain Within the Existing Footprint** The ski area is not proposing, undertaking, nor has undertaken terrain expansion on currently undisturbed land, on a progressive basis with 100% points docked for proposals made or still in place, approved, or implemented in the last year (based on calendar year), 80% between one and two years ago, 60% between two and three years ago, 40% between three and four years ago, 20% between four and five years ago. The ski area has also not sought National Forest management prescriptions or local zoning for additional terrain expansion outside currently disturbed areas. Zoning requests are worth 25% of acreage values. No expansion:30 points, Up to 50 acres:25 points, 51-100 acres:20 points, 101-150 acres:15 points, 151-200 acres:10 points, 201-300 acres: 5 points, 301+ acres: 0 points | 30 | 30 | 10 | 30 | 30 | 30 | 25 | 30 | 15 | 30 | 30 | 20 | 30 | 25 | 10 | 20 | 30 | 30 | 30 | 30 | 15 |
| 2 | **Preserving Undisturbed Lands from Development** | | | | | | | | | | | | | | | | | | | | | |
| 2a | Maintaining Development within Currently Disturbed Lands, on a progressive basis with 100% points docked for proposals made or still in place, approved, or implemented within the last year; 80% between one and two years ago; 60% between two and three years ago; 40% between three and four years ago; 20% between four and five years ago. (None: 20 points, Up to 10 acres: 15 points, 10+-25 acres: 10 points, 25+-50 acres: 5 points, 50+ acres: 0 points) | 20 | 20 | 10 | 20 | 20 | 20 | 15 | 10 | 10 | 5 | 20 | 20 | 20 | 2 | 15 | 20 | 20 | 20 | 20 | 0 | 20 |
| 2b | Avoiding Road Construction on Undisturbed Land. (Road widening projects are factored at 50%.) None: 8 points, Up to .5 mile: 4 points, .5-.9 mile: 2 points, 1 mile+: 0 points | 8 | 8 | 4 | 8 | 8 | 4 | 4 | 4 | 4 | 4 | 8 | 8 | 8 | 0 | 8 | 8 | 8 | 8 | 8 | 8 | 0 |
| 2c | Maintaining Parking Lot Construction within Currently Disturbed Lands, on a progressive basis with 100% points docked for proposals made or still in place, approved, or implemented within the last year; 80% between one and two years ago; 60% between two and three years ago; 40% between three and four years ago; 20% between four and five years ago. (None: 3 points, Up to 2 acres: 2 points, 2-5 acres: 1 point, 5+ acres: 0 points) | 3 | 0 | 2 | 3 | 3 | 1 | 3 | 1 | 2 | 3 | 2 | 1 | 2 | 1 | 0 | 3 | 3 | 3 | 3 | 3 | 3 |
| 3 | and Their Habitat. (The following determinations are found in government agency analysis documents.) 'Beneficial' or 'No effect': 22 points, 'May affect/impact individuals of a population' -one species: 21 points, 'May affect/impact individuals of a population' -two species: 20 points, 'May affect/impact individuals of a population' -three species: 19 points, 'May affect/impact individuals of a population' -four species: 18 points, 'May affect/impact individuals of a population' -five species: 16 points, 'May affect/impact individuals of a population' -six species: 14 points, 'May affect/impact individuals of a population' -seven species: 12 points, 'May affect/impact individuals of a population' -eight species: 10 points, 'May affect/impact individuals of a population' -nine species: 9 points, 'May affect/impact individuals of a population' -ten species: 8 points, 'May affect/impact individuals of a population' -eleven species: 6 points, 'May affect/impact individuals of a population' -twelve species: 4 points, May affect/impact individuals of a population' -thirteen species: 2 points, May affect/impact individuals of a population' -fourteen species: 1 point, 'Likely to adversely affect population viability,' or 'Jeopardy' determination or 'May affect/impact individuals of a population' -fifteen | 22 | 22 | 0 | 22 | 22 | 8 | 14 | 0 | 12 | 22 | 20 | 21 | 22 | 6 | 14 | 22 | 22 | 22 | 22 | 14 | 20 |
| 4 | **Preserving Environmentally Sensitive Areas** | | | | | | | | | | | | | | | | | | | | | |
| 4a | Protecting or Preserving Mature, Late Successional or Old Growth Trees. (Trees and stands with some of the following attributes are included in this criterion: large or old tress for species and site, variation in tree sizes and spacing, standing and down dead trees, decadence, multiple canopy layers) None: 9 points, Up to .25 acres: 6 points, .25+-1 acre: 3 points, 1+-1.9 acres: 1 point, 2 or more acres: 0 points | 9 | 9 | 6 | 9 | 9 | 9 | 0 | 6 | 6 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| 4b | Protecting or Preserving Unique Geologic Formations. (None: 3 points, Up to .5 acres: 2 points, .5+-1 acre: 1 point, 1 or more acres: 0 points) | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 4c | Protecting/Preserving Unroaded or Roadless Areas. (None: 9 points, Up to 1 acre: 6 points, 1+-10 acres: 3 points, 10+ acres: 0 points) | 9 | 9 | 9 | 9 | 9 | 9 | 6 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| | **Protecting Watersheds** | | | | | | | | | | | | | | | | | | | | | |
| 5 | **Protecting/Preserving Wetlands.** (No disturbance 9 points, Up to .25 acre:6 points, .25+-1 acre:3 points, 1+-1.99 acres+:1 point, 2 or more acres: 0 points) | 9 | 9 | 6 | 9 | 9 | 0 | 3 | 6 | 6 | 9 | 9 | 9 | 9 | 6 | 9 | 9 | 6 | 9 | 0 | 9 | 9 |
| 6 | **Preserving Water Quality.** (No violations: 12 points, One violation: 6 points, Multiple Violations/Repeat Offender: 0 points) | 12 | 12 | 12 | 12 | 12 | 6 | 12 | 12 | 9 | 12 | 12 | 12 | 12 | 0 | 12 | 12 | 12 | 12 | 0 | 12 | 12 |
| 7 | **Water Conservation** | | | | | | | | | | | | | | | | | | | | | |
| 7a | Conserving Water by Avoiding New Snowmaking. (None: 10 points, Up to 50 acres: 7.5 points, 51-100 acres: 5 points, 101-200 acres: 2.5 points, 201+ acres: 0 points) | 10 | 7.5 | 10 | 10 | 10 | 7.5 | 0 | 2.5 | 7.5 | 7.5 | 10 | 7.5 | 10 | 7.5 | 10 | 7.5 | 7.5 | 7.5 | 10 | 10 | 2.5 |
| 7b | Retrofitting old facilities with low flow faucets, toilets, or undertaking other water minimization practices. 1-50% of facilities:1 point, 51-100%: 2 points. | 2 | 2 | 1 | 0 | 0 | 2 | 2 | 1 | 2 | 1 | 0 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 2 | 1 | 0 |
| 7c | Installation of low flow faucets, waterless urinals or other water minimization practices in new facilities that are not required by law. 1-50% of facilities:1 point, 51-100%: 2 points. | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 1 | 0 | 0 | 0 | 1 | 2 | 0 | 0 | 0 | 2 | 0 | 0 |
| | **Addressing Global Climate Change** | | | | | | | | | | | | | | | | | | | | | |
| 8 | **Conserving Energy by Avoiding New Snowmaking.** (None: 10 points, Up to 50 acres: 7.5 points, 51-100 acres: 5 points, 101-200 acres: 2.5 points, 201+ acres: 0 points) | 10 | 7.5 | 10 | 10 | 10 | 7.5 | 0 | 2.5 | 7.5 | 7.5 | 10 | 7.5 | 10 | 7.5 | 10 | 7.5 | 7.5 | 7.5 | 10 | 10 | 2.5 |
| 9 | **Renewable Energy** | | | | | | | | | | | | | | | | | | | | | |
| 9a | Using biodiesel fuel in any diesel equipment or vehicles. (Percentage total annual biodiesel use = .05*(B5 gallons)+.2*(B20 gallons) + (B100 gallons)/total consumption: 1-5% of total annual diesel use:4 points, 6-10%:5 points, 11-15%:6 points, 16-20%:7 points, 21% and above:8 points | 8 | 6 | 6 | 0 | 3 | 1 | 6 | 0 | 5 | 5 | 0 | 0 | 0 | 0 | 7 | 0 | 0 | 0 | 5 | 3 | 0 |
| 9b | Generating clean, renewable energy on-site such as wind, solar, geothermal or low impact certified hydroelectric (one piece of equipment:1 point, two pieces of equipment:2 points, more than two pieces of equipment:3 points, one building facility:4 points, two facilities:5 points, more than two facilities:6 points) | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 2 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 6 | 2 | 0 |
| 9c | Purchasing wind, solar, geothermal or low impact certified hydroelectric energy credits to off-set electrical use for ski lifts and resort energy use (1-5% of annual electricity use:1 point, 6-50%:2 points and 51-100%:3 points) | 3 | 0 | 3 | 0 | 3 | 3 | 0 | 0 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 1 |
| 10 | **Water and Energy Efficiency** | | | | | | | | | | | | | | | | | | | | | |
| 10a | Employing energy efficiency retrofits, to lighting, heating, insulation, power supply, etc. in restaurant, lodging, lift and other facilities; 1-5% of facilities:1 point, 6-20%:2 points, 21-40%:3 points, 41-60%:4 points, 61-80%:5 points, 81-100%:6 points. | 6 | 6 | 1 | 0 | 3 | 4 | 3 | 2 | 5 | 2 | 0 | 2 | 0 | 3 | 4 | 0 | 0 | 0 | 6 | 3 | 0 |
| 10b | Installation of energy efficient lighting, heating, insulation, power supply, etc. in restaurant, lodging, lift and other new (newly constructed) facilities that are not required by law. 1-50% of facilities: 1 point, 51-100%: 2 points | 2 | 2 | 0 | 0 | 1 | 1 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 1 | 2 | 0 | 0 | 0 | 2 | 0 | 2 |
| 10c | Replacement of old and/or energy inefficient snowmaking guns with automated systems, systems that minimize the use of compressed air, utilizing newer 3 stage centrifugal compressors and mounting guns on towers. 1-5% of facilities:1 point, 6-20% of facilities:2 points, 21-40%:3 points, 41-60%:4 points, 61-80%:5 points, 81-100%:6 points (Full credit for ski areas that do not have snowmaking.) | 6 | 6 | 5 | 0 | 5 | 6 | 2 | 4 | 5 | 2 | 5 | 3 | 3 | 5 | 2 | 0 | 0 | 0 | 6 | 4 | 0 |
| 11 | **Transportation** | | | | | | | | | | | | | | | | | | | | | |
| 11a | Providing incentives for carpooling for guests and/or use of mass transit, such as lift ticket discounts or free or reduced parking. | 3 | 2 | 2 | 0 | 0 | 3 | 0 | 3 | 3 | 0 | 0 | 0 | 0 | 2 | 3 | 0 | 0 | 0 | 0 | 2 | 3 |
| 11b | Providing incentives for carpooling for employees and/or use of mass transit. | 3 | 3 | 3 | 0 | 0 | 3 | 3 | 3 | 3 | 3 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11c | Promoting or sponsoring commuter buses and shuttles from off-mountain sites to the ski area. (Intra-mountain shuttles traveling between parking areas, base areas and lodging areas are not adequate for this criterion. "Off-mountain sites" include down valley destination towns and park-and-ride areas. | 3 | 3 | 1 | 0 | 0 | 1 | 3 | 0 | 3 | 3 | 0 | 3 | 0 | 3 | 0 | 3 | 3 | 0 | 0 | 3 | 3 |
| | **Environmental Policies and Practices** | | | | | | | | | | | | | | | | | | | | | |
| 12 | **Environmental Policy Positions and Advocacy** | | | | | | | | | | | | | | | | | | | | | |
| 12a | Not opposing any environmentally progressive local, state, or federal policies or legislation involving forest and land management issues that impact mountain ecosystems and environments. | 5 | 0 | 5 | 5 | 5 | 5 | 2 | 5 | 5 | 0 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 0 |
| 12b | Actively supporting environmentally progressive local, state, or federal policies or legislation involving forest and land management issues that impact mountain ecosystems and environments. | 5 | 5 | 5 | 0 | 0 | 0 | 5 | 5 | 0 | 5 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 5 | 5 | 0 |
| 12c | Addressing climate change including, but not limited to a position statement or support letter for the Kyoto Agreement, the Mayor Climate Protection Agreement, the US-CAP Program, or other specific policies aimed at reducing greenhouse gas emissions. | 5 | 5 | 5 | 0 | 5 | 0 | 5 | 0 | 5 | 5 | 5 | 0 | 0 | 5 | 5 | 0 | 0 | 0 | 5 | 5 | 0 |
| 12d | Adhering to a green building policy or commitment. | 2 | 2 | 2 | 0 | 0 | 2 | 2 | 2 | 2 | 2 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 2 | 2 | 2 |
| 13 | **Waste Stream Management** | | | | | | | | | | | | | | | | | | | | | |
| 13a | Recycling customer use products (bottles, cans, aluminum, plastic, newspaper, trail maps, etc.): 1-33% of waste stream by weight or volume:1 point, 34-66%: 2 points, 67-100%:3 points | 3 | 2 | 1 | 0 | 1 | 1 | 1 | 2 | 3 | 1 | 1 | 1 | 2 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 0 |
| 13b | Recycling non-customer use products (cardboard, oil, etc.) (1-50% of waste stream:1 point, 51-100%:2 points | 2 | 2 | 1 | 0 | 1 | 1 | 1 | 2 | 2 | 1 | 0 | 1 | 1 | 2 | 1 | 0 | 0 | 0 | 1 | 2 | 0 |
| 13c | Reusing or using recycled building materials: 1-50%:1 point, 51-100%:2 points | 2 | 1 | 1 | 0 | 1 | 1 | 0 | 2 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 0 |
| 13d | Composting food waste or other products | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 2 | 0 | 0 |
| 14 | **Purchasing** | | | | | | | | | | | | | | | | | | | | | |
| 14a | Using non-disposable products for food service, or composting food waste and other products: 1-33% of facilities:1 point, 34-66%:2 points, 67-100%:3 points | 3 | 1 | 2 | 0 | 0 | 0 | 2 | 1 | 2 | 1 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 3 | 2 | 0 |
| 14b | Purchasing recycled office and food service paper products (1-33% of use by weight, volume or cost (via purchase orders)):1 point, 34-66%:2 points, 67-100%:3 points | 3 | 3 | 2 | 0 | 2 | 1 | 0 | 2 | 3 | 1 | 0 | 1 | 0 | 1 | 2 | 0 | 0 | 0 | 2 | 1 | 0 |
| 14c | Use of cleaner burning, fuel efficient 4-stroke snowmobiles (50% and up of snowmobile fleet 4-stroke:2 points, 1-49%:1 point, none:0 points) | 2 | 1 | 1 | 0 | 1 | 1 | 2 | 1 | 2 | 0 | 0 | 0 | 0 | 2 | 2 | 0 | 0 | 0 | 0 | 2 | 0 |
| 15 | **Environmental Reporting and Accountability** | | | | | | | | | | | | | | | | | | | | | |
| 15a | Does your resort track its annual water, energy, waste and other resource consumption? | 2 | 2 | 2 | 0 | 2 | 2 | 0 | 2 | 2 | 2 | 0 | 2 | 0 | 2 | 0 | 0 | 0 | 0 | 2 | 2 | 0 |
| 15b | Publication of an annual or semi-annual environmental performance report that is, or can be, publicly available. | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| 15c | Undertaking independent 3rd party auditing of environmental practices, including but not limited to certification under ISO 14001. | 1 | 1 | 1 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| 16 | **Community Sustainability** | | | | | | | | | | | | | | | | | | | | | |
| 16a | Providing funding or other support to a local philanthropic foundation for environmental protection/conservation/sustainability purposes. | 2 | 2 | 2 | 0 | 2 | 0 | 2 | 2 | 2 | 1 | 0 | 2 | 2 | 2 | 2 | 0 | 0 | 0 | 2 | 2 | 0 |
| | **Total** | 230 | 199.8 | 155.8 | 150 | 181 | 165 | 145.4 | 130 | 178.4 | 173.4 | 160.6 | 154.6 | 157.4 | 166.8 | 176.6 | 155 | 153 | 148 | 211.8 | 188 | 140 |
| | **Percentage** | | 86.9 | 67.7 | 65.2 | 78.7 | 71.7 | 63.2 | 56.5 | 77.6 | 75.4 | 69.8 | 67.2 | 68.4 | 72.5 | 76.8 | 67.4 | 66.5 | 64.3 | 92.1 | 81.7 | 60.9 |
| | **Grade** | | A | C | C | A | B | C | D | B | B | B | C | B | B | B | C | C | C | A | A | C |