



# *Cal* OES

GOVERNOR'S OFFICE  
OF EMERGENCY SERVICES

## Appendix S. Summary Information on California Dams

Updated December 15, 2023



# CALIFORNIA STATE HAZARD MITIGATION PLAN

## Volume 2

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# 2023

# Appendix S. Summary Information on California Dams



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## S. SUMMARY INFORMATION ON CALIFORNIA DAMS

The information in the table below reflects dam inventory data as it appears in the National Inventory of Dams database, including any missing data (NID 2023).

**Table S-1.** California Dams in Poor, Unsatisfactory, or Fair Condition

	Dam Number	Dam Name	Dam Owner	Condition	County	Year Built	Hazard
1	7000.143	Double U Fish Ranch	Ronald W. Kettler	Un-satisfactory	Modoc		High
2	1.058	Castaic	California Department of Water Resources (DWR)	Poor	Los Angeles	1973	Extremely High
3	1.085	Bass Lake	California Department of Fish and Wildlife (CDFW)	Poor	Siskiyou	1949	Low
4	6.026	Tinemaha	City of Los Angeles Department of Water And Power	Poor	Inyo	1928	High
5	8.003	Lake Hodges	City of San Diego	Poor	San Diego	1918	Extremely High
6	8.004	Savage	City of San Diego	Poor	San Diego	1919	Extremely High
7	8.005	Morena	City of San Diego	Poor	San Diego	1912	Extremely High
8	8.007	El Capitan	City of San Diego	Poor	San Diego	1934	Extremely High
9	72.009	Leroy Anderson	Santa Clara Valley Water District	Poor	Santa Clara	1950	Extremely High
10	73.000	Magalia	Paradise Irrigation District	Poor	Butte	1918	High
11	75.000	Santiago Creek	Serrano Water District and Irvine Ranch Water District	Poor	Orange	1933	Extremely High

	<b>Dam Number</b>	<b>Dam Name</b>	<b>Dam Owner</b>	<b>Condition</b>	<b>County</b>	<b>Year Built</b>	<b>Hazard</b>
<b>12</b>	77.000	North Fork	Pacheco Pass Water District	Poor	Santa Clara	1939	High
<b>13</b>	86.000	Matilija	Ventura County Watershed Protection District	Poor	Ventura	1949	Extremely High
<b>14</b>	205.000	Scotia Log Pond	Scotia Community Services District	Poor	Humboldt	1910	High
<b>15</b>	464.000	Williamson No. 1	Macy Mak Chan, Michael Chan, and Melinda Lau	Poor	El Dorado	1926	Significant
<b>16</b>	581.006	Bear Gulch	California Water Service Company	Poor	San Mateo	1896	Extremely High
<b>17</b>	625.000	Selvage #2	Lucky Hereford Ranch	Poor	Santa Clara	1948	Low
<b>18</b>	742.000	Las Tablas Creek	Mechanics Bank	Poor	San Luis Obispo	1961	Low
<b>19</b>	818.002	Lee Lake	Elsinore Valley Municipal Water District	Poor	Riverside	1893	High
<b>20</b>	1005.000	Santa Felicia	United Water Conservation District	Poor	Ventura	1955	Extremely High
<b>21</b>	1129.002	White	Richard Jennings	Poor	Modoc	1918	Low
<b>22</b>	1322.000	Lakewood	Michele Ottmann, Colleen Jaeger, and Max Yurtsan	Poor	Placer	1959	High
<b>23</b>	2220.002	Misselbeck	Igo-Ono Community Services District	Poor	Shasta	1920	High
<b>24</b>	4468.000	Blakely	Walker Land Company, LLC	Poor	El Dorado	1875	Low
<b>25</b>	7000.125	Kelley Hot Spring Fish	Ronald W. Ketler	Poor	Modoc		Significant
<b>26</b>	1.014	Veterans Home	California Department of Veteran Affairs (CalVet)	Fair	Napa	1908	High



	Dam Number	Dam Name	Dam Owner	Condition	County	Year Built	Hazard
<b>27</b>	1.048	Oroville	DWR	Fair	Butte	1968	Extremely High
<b>28</b>	1.062	Patterson	DWR	Fair	Alameda	1962	High
<b>29</b>	1.064	Clifton Court Forebay	DWR	Fair	Contra Costa	1970	Low
<b>30</b>	1.070	Annadel No. 1	California Department of Parks and Recreation (CDPR)	Fair	Sonoma	1956	Extremely High
<b>31</b>	1.093	Dyer	DWR	Fair	Alameda	2011	High
<b>32</b>	6.024	Haiwee	City of Los Angeles Department of Water And Power	Fair	Inyo	1913	High
<b>33</b>	7.003	Conn Creek	City of Napa	Fair	Napa	1946	Extremely High
<b>34</b>	8.000	Barrett	City of San Diego	Fair	San Diego	1922	Extremely High
<b>35</b>	8.012	Murray	City of San Diego	Fair	San Diego	1918	Extremely High
<b>36</b>	9.000	Early Intake	San Francisco Public Utilities Commission	Fair	Tuolumne	1925	Low
<b>37</b>	9.004	Moccasin Lower	San Francisco Public Utilities Commission	Fair	Tuolumne	1930	High
<b>38</b>	9.007	Cherry Valley	San Francisco Public Utilities Commission	Fair	Tuolumne	1956	Extremely High
<b>39</b>	10.010	San Andreas	City and County of San Francisco	Fair	San Mateo	1870	Extremely High
<b>40</b>	10.028	Summit Reservoir	City and County of San Francisco	Fair	San Francisco		Extremely High
<b>41</b>	14.000	Lake Curry	City of Vallejo	Fair	Napa	1926	Extremely High

	<b>Dam Number</b>	<b>Dam Name</b>	<b>Dam Owner</b>	<b>Condition</b>	<b>County</b>	<b>Year Built</b>	<b>Hazard</b>
<b>42</b>	16.002	St. Helena Lower	City of Saint Helena	Fair	Napa	1878	High
<b>43</b>	23.002	Newell	City of Santa Cruz	Fair	Santa Cruz	1960	Extremely High
<b>44</b>	31.002	Lafayette	East Bay Municipal Utility District	Fair	Contra Costa	1929	Extremely High
<b>45</b>	32.029	Santa Anita Debris Basin	Los Angeles County Department Of Public Works	Fair	Los Angeles	1960	Low
<b>46</b>	32.031	Sawpit Debris Basin	Los Angeles County Department Of Public Works	Fair	Los Angeles	1955	Extremely High
<b>47</b>	52.000	Camp Far West	South Sutter Water District	Fair	Yuba	1963	Extremely High
<b>48</b>	53.010	El Dorado Forebay	El Dorado Irrigation District	Fair	El Dorado	1923	High
<b>49</b>	61.018	Scotts Flat	Nevada Irrigation District	Fair	Nevada	1948	Extremely High
<b>50</b>	66.000	Woodward	South San Joaquin Irrigation District	Fair	Stanislaus	1918	High
<b>51</b>	72.003	Calero	Santa Clara Valley Water District	Fair	Santa Clara	1935	Extremely High
<b>52</b>	72.004	Almaden	Santa Clara Valley Water District	Fair	Santa Clara	1936	Extremely High
<b>53</b>	72.005	Guadalupe	Santa Clara Valley Water District	Fair	Santa Clara	1935	Extremely High
<b>54</b>	72.007	Stevens Creek	Santa Clara Valley Water District	Fair	Santa Clara	1935	Extremely High
<b>55</b>	72.008	James J. Lenihan	Santa Clara Valley Water District	Fair	Santa Clara	1953	Extremely High
<b>56</b>	93.003	Lake Almanor	Pacific Gas and Electric Company (PG&E)	Fair	Plumas	1927	Extremely High

	Dam Number	Dam Name	Dam Owner	Condition	County	Year Built	Hazard
<b>57</b>	95.003	Crane Valley Storage	PG&E	Fair	Madera	1910	High
<b>58</b>	95.006	#3 Forebay	PG&E	Fair	Madera	1906	Low
<b>59</b>	97.028	Lake Fordyce	PG&E	Fair	Nevada	1873	Extremely High
<b>60</b>	97.062	Lower Blue Lake	PG&E	Fair	Alpine	1903	Low
<b>61</b>	97.104	Tiger Creek Regulator	PG&E	Fair	Amador	1931	High
<b>62</b>	97.123	McCloud	PG&E	Fair	Shasta	1965	High
<b>63</b>	104.037	Gem Lake	Southern California Edison	Fair	Mono	1917	High
<b>64</b>	180.000	Campbell Lake	Jennifer F. and John W. Menke	Fair	Siskiyou	1929	Low
<b>65</b>	291.000	Lake Buck	Wendy Baroli and Jill S. Heaton	Fair	Sierra	1951	Low
<b>66</b>	453.002	Willow Hill Reservoir	City of Folsom	Fair	Sacramento		High
<b>67</b>	454.000	Blodgett	Waegell Brothers et al.	Fair	Sacramento	1939	Significant
<b>68</b>	458.000	Schneider	Leland Schneider	Fair	Sacramento	1941	Low
<b>69</b>	496.000	Salt Springs Valley	Rock Creek Water District	Fair	Calaveras	1882	High
<b>70</b>	531.000	Upper Twin Lake	Centennial Livestock	Fair	Mono	1905	High
<b>71</b>	531.002	Lower Twin Lake	Centennial Livestock	Fair	Mono	1888	High
<b>72</b>	558.000	Tuolumne Log Pond	The Tuolumne Band of Me-Wuk Indians	Fair	Tuolumne	1912	High
<b>73</b>	567.000	J&T Cattle Company No. 1	J&T Cattle Company	Fair	Stanislaus	2013	Low

	Dam Number	Dam Name	Dam Owner	Condition	County	Year Built	Hazard
<b>74</b>	567.002	J&T Cattle Company No. 2	J&T Cattle Company	Fair	Stanislaus	1980	Low
<b>75</b>	568.000	ConAgra Aerated and Settling Ponds	ConAgra Grocery Products Company, LLC	Fair	Stanislaus		Extremely High
<b>76</b>	630.000	Mill Creek	Lockheed Martin Space Systems Company	Fair	Santa Cruz	1889	High
<b>77</b>	650.000	Silacci	Pete Silacci	Fair	Monterey	1915	Significant
<b>78</b>	800.000	Glen Martin	Highest and Best Use, LLC	Fair	San Bernardino	1950	High
<b>79</b>	805.000	Lake Arrowhead	Arrowhead Lake Association	Fair	San Bernardino	1922	Significant
<b>80</b>	834.000	Lake Wohlford	City of Escondido	Fair	San Diego	1924	Extremely High
<b>81</b>	1002.000	Healdsburg Recreation	County of Sonoma Regional Parks Department	Fair	Sonoma	1953	Low
<b>82</b>	1008.002	San Antonio	Monterey County Water Resources Agency	Fair	Monterey	1965	Extremely High
<b>83</b>	1030.007	Lake Alta	Placer County Water Agency	Fair	Placer	1862	High
<b>84</b>	1044.000	Mt. Woodson	Ramona Municipal Water District	Fair	San Diego	1958	High
<b>85</b>	1065.000	Patterson	Alameda County Water District	Fair	Alameda	1962	Significant
<b>86</b>	1089.000	Mendocino Middle	County of Mendocino	Fair	Mendocino	1908	High
<b>87</b>	1307.000	Hooper No. 2	Hooper Ranch, LLC	Fair	Mendocino		Significant
<b>88</b>	1444.000	Lynch Canyon	Solano Land Trust	Fair	Solano		High
<b>89</b>	1495.000	Forest Meadows	Sierra Golf Management	Fair	Calaveras	1975	Low

	<b>Dam Number</b>	<b>Dam Name</b>	<b>Dam Owner</b>	<b>Condition</b>	<b>County</b>	<b>Year Built</b>	<b>Hazard</b>
<b>90</b>	2016.000	El Centro Water Purification Plant	City of El Centro	Fair	Imperial	1956	High
<b>91</b>	2020.000	Sweetwater Main	Sweetwater Authority	Fair	San Diego	1888	Extremely High
<b>92</b>	2028.000	Vail	Rancho California Water District	Fair	Riverside	1949	Extremely High
<b>93</b>	2029.000	Henderson	Amador Regional Sanitation Authority	Fair	Amador	1923	High
<b>94</b>	2381.000	Mill Pond	Mendocino Railway	Fair	Mendocino	1885	Low
<b>95</b>	3383.000	Codding Reservoir	David Codding	Fair	Mendocino		Low
<b>96</b>	3414.005	Lower Twin Lake	Juliana Mutual Water Company	Fair	Napa	1985	Low
<b>97</b>	3414.006	Upper Twin Lake	Juliana Mutual Water Company	Fair	Napa	1987	Low
<b>98</b>	4416.000	Hudson Vineyards	Hudson Vineyards	Fair	Napa	1983	Significant
<b>99</b>	4469.000	Tallac	Tahoe Keys Property Owners Association	Fair	El Dorado		Low
<b>100</b>	5412.000	Veeder Hills Dam	The Hess Collection Winery	Fair	Napa		Significant
<b>101</b>	5413.000	Araujo Reservoir No. 1	Kerwin Estate, LLC	Fair	Napa	1950	High
<b>102</b>	5413.002	Araujo Reservoir No. 2	Kerwin Estate, LLC	Fair	Napa	1950	High
<b>103</b>	5414.000	Hestan Vineyards Dam	Stanley Cheng	Fair	Napa		High
<b>104</b>	6422.000	Browns Lane	Jackson Family Wines	Fair	Sonoma		High

	Dam Number	Dam Name	Dam Owner	Condition	County	Year Built	Hazard
<b>105</b>	7000.012	Bassett Brown	Brown Estate Vineyards	Fair	Napa	1990	Significant
<b>106</b>	7000.101	Mountain Springs Golf #5	The Tuolumne Band of Me-Wuk Indians	Fair	Tuolumne		Low
<b>107</b>	7000.104	Johnson Ranch	Beckstoffer Vineyards	Fair	Mendocino		High
<b>108</b>	7000.110	Cold Springs Reservoir #1	R.C. Roberts Ranches, LLC	Fair	Lassen		Low
<b>109</b>	7000.119	Redwood Landfill Leachate Impoundment	Waste Management, Inc.	Fair	Marin	1991	Significant
<b>110</b>	7000.121	King Ridge Road	Robert Mann	Fair	Sonoma		Low
<b>111</b>	7000.132	Feliz North Lake	Feliz Creek Ranch, LLC	Fair	Mendocino		Significant
<b>112</b>	7000.138	Upper Settling Basin	Stevens Creek Quarry, Inc.	Fair	Santa Clara		Low
<b>113</b>	7000.144	McVicker Canyon Debris Basin	Riverside County Flood Control and Water Conservation District	Fair	Riverside		Extremely High

Source: (NID 2023)

## S.1. REVIEW OF HHPD ACTIONS IN LOCAL HAZARD MITIGATION PLANS

In support of the State's efforts to meet the Federal Emergency Management Agency's (FEMA) High Hazard Potential Dam (HHPD) Planning Requirements (HHPD-6) for Standard State Hazard Mitigation Plans (SHMPs), the planning team reviewed dam-related actions in local hazard mitigation plans (LHMPs) that received FEMA approval for satisfying HHPD Planning Requirements. Table S-2 shows the results of this review.

**Table S-2.** Summary of HHPD Actions From LHMPs

Action	Mitigation Category
<b>Stanislaus County Hazard Mitigation Plan</b>	
#18—Continue to partner with dam operators to identify projected flood path of travel if total loss of dam occurs.	Preventive
#19—Participate in the Stanislaus County/TID Flood Working Group to develop and approve plans specific to public notification and evacuation.	Emergency Services
#20—Participate in the Mid San Joaquin Regional Flood Management Plan (RFMP) Updates. The RFMP identifies flood management strategies and projects to reduce flood risks and advance ecosystem restoration in the Mid San Joaquin Region, which includes Stanislaus County.	Preventive
#21—Identify structures within the flood path of travel and note impacted properties in database.	Preventive
#22—The County will continue to participate in Emergency Action Plan (EAP) training and exercises. Lessons learned will be reflected in plans developed for dam inundation.	Emergency Services
#23—Promote dam safety awareness each year on May 31 as part of the National Dam Safety Awareness Day campaign, using FEMA templates and background materials coupled with information from the risk assessment.	Public Information
<b>Shasta County Hazard Mitigation Plan</b>	
DF—Create an outreach and education program to notify residents about the emergency services and communication program in place in case of dam failure/overtopping.	Public Information
<b>South Lake Tahoe Hazard Mitigation Plan</b>	
DI-1—Regularly coordinate with dam owners and operators, specifically the El Dorado Irrigation District and the South Tahoe Public Utility District on dam evaluations and inspections, dam rehabilitation activities, emergency action planning and EAP updates, and early warning and notification messaging related to the implementation of the City of South Lake Tahoe EOP procedures.	Preventive/ Emergency Services