

Table 5.21-- MAJOR DAMS

[Includes all dams whose maximum storage exceeds 1,000 acre-ft.]

| Dam name | Nearest city | Purpose | Year completed | Height (ft.) | Length (ft.) | Maximum storage (acre-ft.) | Normal storage (acre-ft.) |
|--------------------|---------------------|---|-----------------------|---------------------|---------------------|-----------------------------------|----------------------------------|
| Waita Reservoir | Koloa, Kauai | Irrigation | 1906 | 23 | 3,250 | 9,900 | 3,400 |
| Wahiawa Dam | Wahiawa, Oahu | Irrigation, recreation | 1906 | 88 | 660 | 9,200 | 7,761 |
| Kualapuu Reservoir | Kualapuu, Molokai | Irrigation, water supply | 1969 | 1/ 57 | 7,100 | 5,082 | 3,685 |
| Ho'omaluhia Dam | Kaneohe, Oahu | Flood control, recreation | 1980 | 1/ 83 | 2,200 | 4,500 | 260 |
| Nuuanu Dam No. 4 | Honolulu, Oahu | Flood control, recreation | 1910 | 66 | 1,730 | 3,600 | 242 |
| Alexander | Kalaheo, Kauai | Irrigation, hydroelectric, water supply | 1931 | 1/ 112 | 600 | 2,540 | 1,070 |
| Puukapu Dam | Waimea, Hawaii | Flood control | 1965 | 12 | 4,340 | 1,450 | (NA) |
| Kaloko Reservoir | Kilauea, Kauai | Irrigation | 1890 | 44 | 1,800 | 1,400 | (NA) |
| Wailua Reservoir | Wailua, Kauai | Irrigation | 1920 | 40 | 1,080 | 1,223 | (NA) |
| Kitano Reservoir | Kekaha, Kauai | Irrigation | 1928 | 1/ 38 | 720 | 1,120 | 110 |
| Kapaia Reservoir | Hanamaulu, Kauai | Irrigation, water supply | 1910 | 1/ 50 | 1,050 | 1,114 | 1,105 |
| Ku Tree Reservoir | Wahiawa, Oahu | Other | 1925 | 97 | 550 | 1,085 | (NA) |

1/ Revised from previous *Data Book*.

Source: Hawaii State Department of Land & Natural Resources/Engineering Division, Flood Control & Dam Safety Section, records and <<http://www.hidlnr.org/eng/dam/Inventory.aspx>> accessed on July 23, 2009.