

City of Mountain View

Public Services Department
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Service Area

The City of Mountain View is located in north Santa Clara County on the Peninsula, between the cities of Sunnyvale and Palo Alto.

System

Profile

Area Size	12 square miles
Service Population	73,932
Number of Accounts	17,047
Number of SFPUC Connections	2 turnouts/ 6 meters
Connections To SFPUC Mains	BDPL 3 and 4
Avg. Day Demand (mgd)	11.83
Avg. Day Purchases From SFPUC (mgd)	10.40
% Demand Met With SFPUC Supplies	87.9%
Maximum Local Water Production (mgd)	7.1
Alternative Supply Sources	Local Groundwater
Interties With Other Agencies	Palo Alto, Sunnyvale, SCVWD, CWS
Local Storage (mg)	17.0
Days of Storage	Note: With loss of SFPUC supply only, City can utilize wells, SCVWD or storage within zones or excess capacity from other zones to meet 8-hour outage or Minimum Winter Demand.

Summary

The City of Mountain View primary water supplier is SFPUC. Santa Clara Valley Water District supplies treated water and Mountain View groundwater. California Water Service also provides water to a small part of Mountain View. The system distributes water to three pressure zones via 175 miles of main, with inter-zonal connections that allow water to flow from one adjacent zone to another. Mountain View has four water storage facilities.

Mountain View has 7 active wells (one currently out of service) and 1 standby well. The wells influence each other, resulting in varied maximum and simultaneous flows. They have not been operated at their maximum due to various maintenance and operational issues. The standby well can be plumbed to serve all three zones.

Water Supply and Demand

Supply by Source	Actual FY 04-05 (ccf)	Actual FY 05-06 (ccf)	Actual FY 06-07 (ccf)	Actual FY 07-08 (ccf)
San Francisco Water	5,128,162	5,040,013	5,349,361	5,074,103
Santa Clara Valley WD	517,645	570,457	590,560	520,076
Local Groundwater	17,727	51,230	72,024	180,155
Surface Water	0	0	0	0
Recycled Water	0	0	0	0
Other (irrigation well for golf links)*	66,734	88,854	104,500	0
Total	5,730,268	5,750,554	6,116,445	5,774,334
mgd equivalent	11.74	11.78	12.53	11.83

Demand by Sector

Residential	2,922,028	2,901,907	3,064,792	3,050,492
Commercial/Industrial	1,014,164	1,048,883	1,097,264	1,120,375
Other	1,128,811	1,109,675	1,239,100	1,280,160
Flushing and fire flow		7,009	23,991	10,947
Unaccounted for*	665,265	683,080	691,298	312,360
Total	5,730,268	5,750,554	6,116,445	5,774,334
mgd equivalent	11.74	11.78	12.53	11.83

*Shoreline irrigation well water is metered but not billed; therefore, these usage figures should be excluded from reported unaccounted for totals."

Per Capita Use	Actual FY 04-05 (gpcpd)	Actual FY 05-06 (gpcpd)	Actual FY 06-07 (gpcpd)	Actual FY 07-08 (gpcpd)
Residential	83	83	86	85
Gross	164	164	171	160

Facilities and Distribution

Storage Reservoirs

Designation	Type	Capacity (gallons)	Designation	Type	Capacity (gallons)
Miramonte	Concrete	700,000	Whisman	Concrete	6,000,000
Miramonte	Concrete	2,300,000	Graham	Concrete	8,000,000
Site Total		3,000,000	Total		17,000,000

Wells

Name	Capacity (mgd)	Status	Name	Capacity (mgd)	Status
Well 9	0.7	Standby	Well 20	1.5	Active
Well 10	1.2	Active	Well 21	1.1	Active
Well 17	0.2	Active	Well 22	1.1	Active
Well 19	0.7	OOS	Well 23*	1.3	Active
Total			Total	7.1	

Interties

Name	No.	Diameter (in.)	Name	No.	Diameter (in.)
Palo Alto	2	6	SCVWD	1	24
Sunnyvale	3	6, 8, 8			