

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	75,787
Number of Accounts	17,389
Number of SFPUC Connections	2 turnouts/ 6 meters
Connections To SFPUC Mains	BDPL 3 and 4
Avg. Day Demand (mgd)	10.41
Avg. Day Purchases From SFPUC (mgd)	8.88
% Demand Met With SFPUC Supplies	85.3%
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 06-07 (ccf)	Actual FY 07-08 (ccf)	Actual FY 08-09 (ccf)	Actual FY 09-10 (ccf)
San Francisco Water	5,349,361	5,074,103	4,788,905	4,332,561
Santa Clara Valley WD	590,560	520,076	586,992	442,180
Local Groundwater	72,024	180,155	172,059	189,877
Recycled Water	0	0	0	116,116
Other (irrigation well for golf links)*	104,500	0	0	4
Total	6,116,445	5,774,334	5,547,956	5,080,738
mgd equivalent	12.53	11.83	11.37	10.41

Demand by Sector

Residential	3,064,792	3,050,492	2,874,724	2,670,575
Commercial/Industrial	1,097,264	1,120,375	1,060,416	972,467
Other	1,239,100	1,280,160	1,148,093	13,674
Dedicated Irrigation	0	0	0	950,104
Flushing and fire flow	23,991	10,947	7,698	0
Unaccounted for*	691,298	312,360	457,025	473,918
Total	6,116,445	5,774,334	5,547,956	5,080,738
mgd equivalent	12.53	11.83	11.37	10.41

*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 06-07 (gpcpd)	Actual FY 07-08 (gpcpd)	Actual FY 08-09 (gpcpd)	Actual FY 09-10 (gpcpd)
Residential	86	85	79	72
Gross	171	160	152	137

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
			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	7.8	

Interties

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