

### AQUEDUCT SYSTEM DAILY REPORT

<u>RESERVOIR</u>	<u>H.W. (FT)</u>	<u>ELEVATION (FT)</u>	<u>CAPACITY (AF)</u>	<u>STORAGE (AF)</u>	<u>DIFF (AF)</u>
GRANT LAKE	7130.0	7111.3	47171	28349	-36
LONG VALLEY	6781.5	6772.1	183249	137662	530
PLEASANT VALLEY	4390.0	4386.1	2989	2600	-427
TINEMAHA	3866.0	3861.7	6306	2504	-114
NORTH HAIWEE	3757.5	3756.8	10040	9635	-17
SOUTH HAIWEE	3742.0	3731.2	27774	18544	342
HAIWEE TOTAL			<u>37814</u>	<u>28179</u>	<u>325</u>
OV & MB TOTAL			277529	199294	278
FAIRMONT #2	3032.9	3026.5	491	314	8
BOUQUET	2991.0	2983.8	32522	28193	-411
L.A.A. TOTAL			<u>310542</u>	<u>227801</u>	<u>-125</u>

**AQUEDUCT FLOWS (CFS)**

	<u>AVERAGE</u>		
	<u>INST</u>	<u>DAY</u>	<u>MONTH</u>
LEE VINING CONDUIT	1		
GRANT LAKE OUTFLOW	82	81	79
EAST PORTAL	50		
O.R. BELOW E PORTAL	98		
LONG VALLEY OUTFLOW	330	143	228
PLEASANT VALLEY OUT	450	450	303
O.R. BELOW B.P. CRK.	489		
TINEMAHA OUTFLOW	550	515	423
LAA ALABAMA GATES	520		
LAA COTTONWOOD GATES	559		
SOUTH HAIWEE LAA #1	0	0	179
LAA #2	280	280	266
TOTAL OUT	280	445	
FAIRMONT LAA #1	0	0	197
LAA #2	280	280	266
TOTAL IN	280	463	
BOUQUET RES. IN	0	0	6
OUT	221	212	68
LAA #1 AT SOLEDAD	363	356	359
LAA #2 AT SOLEDAD	101	101	140
FLOW TO CITY	458	499	

**RELEASE FLOWS (CFS)**

	<u>AVERAGE</u>		
	<u>INST</u>	<u>DAY</u>	<u>MONTH</u>
GRANT LAKE SPILL	0		0
MONO GATE 1 RELEASE	46		
LORP @ INTAKE	44	37	45
LUBKIN SPILLGATE OUT	11	17	4
IN	0	0	0
NET RELEASE	11	17	4
CARTAGO SPILL OUT	25	34	14
IN	0	0	0
NET RELEASE	25	34	14

**WEATHER**

	<u>TEMP (F)</u>		<u>PRECIP (IN)</u>	
	<u>MAX</u>	<u>MIN</u>	<u>DAY</u>	<u>MONTH</u>
CAIN RANCH	47	32	0.44	1.77
LONG VALLEY RESERVOIR	52	31	0.02	2.55
BISHOP YARD	72	38	0.00	2.22
BIG PINE POWERHOUSE	65	55	0.00	4.25
BIG PINE WEATHER YARD	73	54	0.00	2.50
TINEMAHA RESERVOIR	74	45	0.00	2.61
L.A.A. INTAKE			0.00	2.34
INDEPENDENCE YARD	74	48	0.00	2.11
ALABAMA GATES	75	51	0.00	1.45
COTTONWOOD GATES	73	53	0.00	2.44
SOUTH HAIWEE RESERVOIR	72	43	0.00	2.14
FAIRMONT RESERVOIR	60	46	0.00	2.58
BOUQUET RESERVOIR	50	35	0.00	4.07

**DRAINAGE WEIR READINGS**

	<u>READ</u>	<u>MONTH AVG</u>
GRANT LAKE DAM TOE DRAIN (ft)	0.23	0.20
LONG VALLEY DAM TUNNEL DRAIN (ft)	0.24	0.23
LONG VALLEY DAM TOE DRAIN (ft)	0.59	0.57
OWENS RIVER GORGE MAIN WEIR (cfs)	3.60	3.50

**WELLS**

	<u>North Wells</u>		<u>South Wells</u>		<u>* Total *</u>	
Aqueduct	(2)	31.5	(6)	38.9	(8)	70.4
Domestic	(4)	4.9	(3)	1.9	(7)	6.7
Enhc./Mitig.	(0)	0.0	(1)	0.3	(1)	0.3
* Total *	(6)	36.4	(10)	41.1	(16)	77.4

**NOTES**

Tinemaha 475- 550 CFS

**MISCELLANEOUS FLOWS (cfs)**

	<u>INST</u>	<u>PREV DAY</u>
LEE VINING CRK SPILL	18	18
WALKER ABOVE CONDUIT	3	2
WALKER BELOW CONDUIT	3	2
PARKER ABOVE CONDUIT	6	5
PARKER BELOW CONDUIT	6	5
RUSH CREEK AT DAM SITE	29	31
WEST PORTAL	36	
ROCK CREEK DIVERSION	0	0
UPPER GORGE BELOW PP	13	13
ROCK CRK @ OWENS RIVER	49	49
BISHOP CREEK @ PLANT 6	142	141
BIG PINE CREEK @ USGS	12	12
FISH SPRINGS @ RR	37	37
INDEPENDENCE CREEK @ JCT	4	4
LONE PINE CREEK @ USGS	5	6
COTTONWOOD CREEK @ L.A.A.	0	1
COTTONWOOD POWER PLANT	11	10
BOUQUET RELEASE	1.0	1.0

**TURBIDITY**

	<u>(NTU)</u>
TINEMAHA OUTFLOW	19.0
LAA AT COTTONWOOD	30.0
SOUTH HAIWEE LAA #1	0.0
SOUTH HAIWEE LAA #2	3.0
FAIRMONT OUTFLOW	0.0
LA FILTER PLANT INLET	1.0