

Table 2. 8 Owens Valley Groundwater Pumping for Production and E/M Water Use

(1984-85 through 2015-16 Runoff Year (acre-feet))

Runoff Year	Owens Valley Runoff (1)	Total Pumping	Non-E/M Pumping	E/M Pumping	E/M Water Uses	E/M Pumping & Use Imbalance	Cumulative E/M Pumping & Use Imbalance
1984-85	0	61,981	61,981	0	0		0
1985-86	0	107,718	107,718	0	109		0
1986-87	0	69,887	69,887	0	12,696	(3)	0
1987-88	0	209,394	179,884	29,510	29,360		0
1988-89	0	200,443	171,012	29,431	30,872		0
1989-90	0	155,972	133,409	22,563	23,330		0
1990-91	0	88,904	70,817	18,087	17,949		0
1991-92	0	87,310	71,520	15,790	20,517	-4,727	-4,727
1992-93	0	84,453	70,688	13,765	18,357	-4,592	-9,319
1993-94	0	76,329	67,338	8,991	19,310	-10,319	-19,638
1994-95	0	89,219	78,209	11,010	20,812	-9,802	-29,440
1995-96	0	69,752	57,180	12,572	22,914	-10,342	-39,782
1996-97	0	74,904	57,981	16,923	23,949	-7,026	-46,808
1997-98	124	66,914	52,760	14,154	21,500	-7,346	-54,154
1998-99	149	51,574	47,353	4,221	19,672	(3)	-54,154
1999-00	89	63,675	59,342	4,333	24,450	-20,117	-74,271
2000-01	84	67,795	61,456	6,339	20,611	-14,272	-88,543
2001-02	83	73,349	70,055	3,294	21,815	-18,521	-107,064
2002-03	66	81,979	76,059	5,920	21,394	-15,474	-122,538
2003-04	81	87,732	80,734	6,998	21,116	-14,118	-136,656
2004-05	77	85,820	78,110	7,710	18,327	-10,617	-147,273
2005-06	136	56,766	51,695	5,071	19,356	-14,285	-161,558
2006-07	146	58,621	53,925	4,696	17,357	(3)	-161,558
2007-08	61	60,338	53,413	6,925	11,312	-4,387	-165,945
2008-09	74	68,971	61,053	7,918	10,646	-2,728	-168,673
2009-10	77	64,138	57,946	6,192	10,695	-4,503	-173,176
2010-11	104	78,248	71,233	7,015	10,807	-3,792	-176,968
2011-12	142	91,699	84,365	7,334	11,993	-4,659	-181,627
2012-13	57	88,689	83,034	5,655	8,914	-3,259	-184,886
2013-14	54	78,880	73,888	4,992	8,170	-3,178	-188,064
2014-15	51	68,159	62,450	5,709	8,170	-2,461	-190,525
2015-16 (2)	36	70,000	65,000	5,000	9,500	-4,500	-195,025

(1) Based on 1981-2010 average: 415,974 acre-feet. Includes some runoff contribution to the Laws Wellfield from the White Mountains.

(2) this is only Apr-Sep pumping/uses. Forecast for planned pumping of 47,830 acre-feet (planned pumping ranges 36,250-47,830 acre-feet)

(3) surface water was available