

Toledo Bend Reservoir - Lake Level MSL 10/1986 - 4/2011 – 25 years

YEAR	<p align="center">Monthly average/mean level in feet above MSL Average for 1986 - Oct, 1999 - Mean for Oct, 1999 - Mar, 2011 John Toliver addition yellow highlight mo. below 168 ft; blue mo. below 163.7 ft; red below 160.4 ft.</p>											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1986										168.498	167.866	170.195
1987	169.525	169.524	171.868	170.037	169.307	168.989	168.403	166.545	165.788	165.193	165.761	167.911
1988	170.047	169.107	169.829	170.373	169.89	168.875	168.103	167.685	167.044	166.442	166.183	167.076
1989	168.999	169.523	169.726	171.546	171.873	172.56	172.292	171.148	169.481	168.101	167.798	167.358
1990	169.109	172.25	170.572	170.973	172.271	172.259	170.682	168.759	167.482	166.935	167.292	168.439
1991	171.581	171.836	171.504	171.505	172.491	171.506	171.174	170.474	169.103	166.292	165.287	166.304
1992	169.193	171.876	172.593	171.274	170.981	171.517	171.384	169.926	168.574	167.645	167.664	168.308
1993	170.766	170.137	171.214	172.159	170.79	170.678	171.076	168.874	166.164	165.008	165.377	165.499
1994	165.86	168.635	170.827	170.299	171.662	171.629	170.848	170.928	169.128	169.4	169.098	168.831
1995	171.562	171.926	172	171.56	172.042	171.571	170.577	168.808	166.858	165.783	165.478	165.528
1996	166.044	165.872	165.626	165.663	165.817	165.609	165.281	165.105	165.227	165.639	165.803	167.178
1997	169.031	170.966	172.831	172.593	172.308	172.061	171.654	170.893	169.7	169.125	168.41	169.045
1998	171.876	172.535	172.163	170.737	170.24	169.191	167.41	165.274	164.864	165.85	167.958	169.746
1999	171.849	171.738	170.197	170.557	170.271	170.793	171.006	169.16	167.425	166.776	166.365	166.246
2000	166.111	165.902	166.309	169.120	170.894	171.389	171.654	169.826	167.960	166.945	167.621	168.779
2001	170.543	171.951	172.861	171.861	170.920	171.317	170.812	168.964	166.697	163.544	163.707	167.937
2002	170.499	170.173	170.012	171.967	171.836	171.787	170.775	168.836	166.840	166.338	168.246	168.859
2003	169.934	169.972	172.085	171.039	170.827	170.669	170.335	168.771	167.264	166.325	166.477	167.294
2004	167.941	171.605	171.619	170.288	172.144	172.097	171.957	170.278	168.596	168.467	169.172	170.029
2005	169.051	169.972	169.908	170.670	170.088	168.954	167.476	165.512	163.611	163.572	163.097	162.905
2006	162.974	164.776	166.639	168.159	168.420	167.210	165.626	163.635	162.088	162.923	165.144	165.444
2007	170.294	170.360	169.964	170.845	171.107	170.933	172.019	171.481	169.603	167.914	167.673	167.946
2008	168.425	169.496	170.695	172.320	171.886	171.476	170.350	168.533	168.118	167.745	167.863	168.298
2009	168.477	168.751	169.936	171.473	171.936	171.286	169.822	168.985	168.318	169.805	172.357	170.718
2010	169.868	170.180	171.857	170.537	170.218	169.177	168.274	167.701	166.148	164.414	164.062	163.818
2011	163.877	164.602	164.574	164.371	163.853	163.318	162.642	161.793	160.954	160.438	160.300	160.100
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	168.937	169.746	170.296	170.477	170.511	170.563	169.957	168.587	167.17	166.587	166.87	167.587

(immediately above) Overall Average of Monthly Reservoir Elevations

SOURCE: USGS (primarily) - As these figures were obtained from different databases, there is some difference; the figures for 1986 - September, 1999 are monthly AVERAGES calculated by the webmaster from daily figures (yes, about 5,000 days worth!!!); the figures subsequent to September, 1999 are the mean levels as obtained from USGS (well, most are; a few we had to research and calculate since they weren't provided). In spot checking, we found the differences between average and mean to be less than 0.02 ft.

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Yellow highlight & red lettering indicates average monthly level below 168 ft. msl –Mild Water Shortage

Aqua bold red lettering indicates monthly level below 163.71 msl – Moderate Water Shortage

Red highlight months at 160.42 ft. msl – Severe Water Shortage

More months would move into the highlighted categories if an additional 600,000 acre ft of water were removed at 68,000 – 75,000 ac ft. per month were incorporated into the data.

Note the trend of more months at a lower level (below 164 ft. m.s.l.) in the last 6 years versus the first 20 years.

Prepared by John Toliver