**Lake Erie Waterkeepers Report**

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| **Delegate Phil LaCourse** |
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| **Lake Erie/Great Lakes*****Record high water levels***[***forecast***](http://r20.rs6.net/tn.jsp?f=001zh94ea233Afts9qsuYbE-rn9Fog-YwgeLxg5gQH-7D70UkP5J1Boz4UHIBGDcoQiEUzpkCbklPa8dLBZ1-mUp_Wn2EYHH6KXF8VSybO55KJDJrDyOZNNG95GZA6UeYzCn8yQkRR11frKAyHYhqh_5mp9lHZ26XTN6adm7aKckKq_4iDIrzBzsx0OK_6O7XNZnBDXmab5Fe_f3LI9eMGfsL3rrAMLaBjla_6E1vAdlmqzkXgwajJlb8P8U_e1uOgnRtPvsxNkacjHwvVl2D96JDw5iHQrWseLCkBuFwoct09zse36qhnlhs75f67qwqSm&c=J9rs37QZgY2eGuWnnTzGdssbpzgxmYHT9gi8vkHXC8IOshA9exxIzw==&ch=qPdZwBLIkxYuv_rrweetkuQIMqaUbYaczvn_6SpJIGHbQTFK5Sl2uw==) ***by Army Corps.******Controlling Great Lakes Water Levels***Great Lakes high water levels are of great interest to many who have businesses/property etc. along the Great Lakes shorelines. The cause of the high waters is generally linked to snow melt and heavy rains as only a low percentage of water in the Great Lakes comes from runoff. But there are two man made water level control points that impact all of the Great Lakes - Lake Superior's dam at the outflow to the St. Marys River, and, Lake Ontario's dam at the outflow to the St. Lawrence River.  These'control points' can and do raise or lower the levels of the lower four Great Lakes. [Attached is an analysis by Neal and Diane Thurber](http://r20.rs6.net/tn.jsp?f=001zh94ea233Afts9qsuYbE-rn9Fog-YwgeLxg5gQH-7D70UkP5J1Boz5TmSJ7EedERGL_Ib_hQzDrRaH2eu1XEFpUJAJfob6WyL5QJHBPg2BTcVXEVhMLoMCS7xwdM2lENLnNHYUyT-5-b4sfPI-7rVufKYKNpWtWhiokCqSAoZFkN4UnSJd_ZjbQKw3XojItkheyQcRq6CiSGF6AwhwDvoVOzT7xuZA8Ht2XE4Ik2Qvg=&c=J9rs37QZgY2eGuWnnTzGdssbpzgxmYHT9gi8vkHXC8IOshA9exxIzw==&ch=qPdZwBLIkxYuv_rrweetkuQIMqaUbYaczvn_6SpJIGHbQTFK5Sl2uw==) presented at the January 2020 Lake Erie waterkeeper meeting. Here is a link to the NOAA analysis of the impact of regulating [**Lake Superior water levels in 2003 by NOAA .**](http://r20.rs6.net/tn.jsp?f=001zh94ea233Afts9qsuYbE-rn9Fog-YwgeLxg5gQH-7D70UkP5J1Boz5TmSJ7EedEROqjqkLFl9AZuztr7vQHXwwshliNptuqmbQ-Rqcu_XfDJE47F9cPJoka6ILv28Lj3v30NXVWd-Mo7-YqEJ0MdSufu-I_Hw7tg9_wlY3-uRBx8Lg8Hhj7DgT9AC_MXrUeqn_2ojdbr9w0=&c=J9rs37QZgY2eGuWnnTzGdssbpzgxmYHT9gi8vkHXC8IOshA9exxIzw==&ch=qPdZwBLIkxYuv_rrweetkuQIMqaUbYaczvn_6SpJIGHbQTFK5Sl2uw==)Here is [2014 IJC information](http://r20.rs6.net/tn.jsp?f=001zh94ea233Afts9qsuYbE-rn9Fog-YwgeLxg5gQH-7D70UkP5J1Boz5TmSJ7EedERrPskjnf3LAVL9-PrFPgnSpyLjR_TP-cEzJdn1EhpAUEfFJTFCItcMSmLjPgFj83YyveYWzX1xbWRjKA5s_XD2pk88pTl6MMqG9TkqQBgwXp440xLG657mRZt1JEVONSOG-NzEsbYvBKWmV40_LcP6-WX8gTl2KeI&c=J9rs37QZgY2eGuWnnTzGdssbpzgxmYHT9gi8vkHXC8IOshA9exxIzw==&ch=qPdZwBLIkxYuv_rrweetkuQIMqaUbYaczvn_6SpJIGHbQTFK5Sl2uw==) on increasing water levels. The NOAA study followed a 1993 [**International Joint Commission Study of Lake Levels.**](http://r20.rs6.net/tn.jsp?f=001zh94ea233Afts9qsuYbE-rn9Fog-YwgeLxg5gQH-7D70UkP5J1Boz5TmSJ7EedERdHJ6iUz_DhRVNk7tJn-8vyuftewu_er0yt53V4yxvylipwndcHiax11TSjJ83ymXHVXRES-tJUTx1TibmNvO6AShX0NHEeQbmIknCyxJZufGxp7vLn4oaxELowOIq5GcpJi1MV1__-s5SXkuzQJnwIKKZaq5phTn55JL7kvaVwA=&c=J9rs37QZgY2eGuWnnTzGdssbpzgxmYHT9gi8vkHXC8IOshA9exxIzw==&ch=qPdZwBLIkxYuv_rrweetkuQIMqaUbYaczvn_6SpJIGHbQTFK5Sl2uw==) Lake Erie Waterkeeper is following up with calls and letters to ask if raising controls in Lake Superior to reduce flows to the lower lakes can be done. There is a great deal of economic damage now and to come from the high water levels.***Lake Erie/Great Lakes Ice Covers At Or Near Record Lows***Normally at this time of year, 46% of Lake Erie is covered by ice - this year less than 7%. Here is information on [Great Lakes Ice](http://r20.rs6.net/tn.jsp?f=001zh94ea233Afts9qsuYbE-rn9Fog-YwgeLxg5gQH-7D70UkP5J1Boz5TmSJ7EedERMK_5Cmp9-ra2YIMn9U-s63h_Ne2jvFazEuNZ-lTWCYKX9hLBnlI2OL3DTdhojgNkzI3squcSI1CzPSnNmr7bqk4pU6YSd5ocFY0tT0-2t5PET7LXC1U2SyI7Gcbviq2wgDUE1a20v1Ke43v2iIVXlY-ljZDTA2qOS3w3Le8WjVjZMaCSuA-wMy6koElJhnXC&c=J9rs37QZgY2eGuWnnTzGdssbpzgxmYHT9gi8vkHXC8IOshA9exxIzw==&ch=qPdZwBLIkxYuv_rrweetkuQIMqaUbYaczvn_6SpJIGHbQTFK5Sl2uw==)***Great Lakes Guide***Great information about what to do and see around the Great Lakes. [Great Lakes Guide](http://r20.rs6.net/tn.jsp?f=001zh94ea233Afts9qsuYbE-rn9Fog-YwgeLxg5gQH-7D70UkP5J1Boz5TmSJ7EedERbNPp6f5KA86iwEWb-hjXgc9cT_PQJPMYdQ0KMMMg4mcJ4SRFIOANtLlRDCOr-TEhIUsuOxlwMYdcjgoIi_pEIA==&c=J9rs37QZgY2eGuWnnTzGdssbpzgxmYHT9gi8vkHXC8IOshA9exxIzw==&ch=qPdZwBLIkxYuv_rrweetkuQIMqaUbYaczvn_6SpJIGHbQTFK5Sl2uw==)***International Joint Commission recommendations on Need for better Manure Management in the Great Lakes***The [report recommend](http://r20.rs6.net/tn.jsp?f=001zh94ea233Afts9qsuYbE-rn9Fog-YwgeLxg5gQH-7D70UkP5J1Boz5TmSJ7EedERELxzymP2sGNK9mmuVD-bZCQ79hk_rUAp1XVSkul8FInzN2fkhn1yDexlcEa_wZk2Gbtj81nLhq5RNY6Tng44WEMc7gEPi0PKTIl31S0SjfO-1C0GJ8DF6CJH3mi1_7gwNJf0GFqUge2-PVkTtEj8SgfFaXCUOxdwHW4Uax5XVv_F7tJFWK49dZNCSaiOp-dGaKUEF2wiM4nhz_UvoRNypIWEtFa63hBdx2UUN3K1iQd_FbHxh1G5r9-aQlOUMo90&c=J9rs37QZgY2eGuWnnTzGdssbpzgxmYHT9gi8vkHXC8IOshA9exxIzw==&ch=qPdZwBLIkxYuv_rrweetkuQIMqaUbYaczvn_6SpJIGHbQTFK5Sl2uw==) s improved government manure management. Another report by [Environmental Integrity on manure](http://r20.rs6.net/tn.jsp?f=001zh94ea233Afts9qsuYbE-rn9Fog-YwgeLxg5gQH-7D70UkP5J1Boz5TmSJ7EedER1pHur7vA88gXcDX_sGMcRuxSyhLa2hsQFheXjW6k8VtoQU4blhdjfGnkcIvQNbx2BXoaqUz4bgLOfDvDM2DBgFrd7Q-3AK2fzEsLWogq1TQZRCRturS1aWhVzLgDxP4IiBNcxB0sNyikUuKC6jIGX-JckKE3NPMlpr74Aype3VfGzUeftsiuo-anRlmabSGhNaEpmteckpftb7HzvQ5_xwx76dk0U-Bw&c=J9rs37QZgY2eGuWnnTzGdssbpzgxmYHT9gi8vkHXC8IOshA9exxIzw==&ch=qPdZwBLIkxYuv_rrweetkuQIMqaUbYaczvn_6SpJIGHbQTFK5Sl2uw==) problems and challenges in the Great Lakes and beyond**﻿***The next Lake Erie Waterkeeper meeting will be February 13 in Cleveland and March 12 in Toledo. The spring Lake Erie Conference will be March 27. Stay tuned for more information.* |

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