



# Great Lakes Water Levels (Meters)



## Great Lakes Water Levels

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Date	Superior*		Michigan Huron*		St. Clair*		Erie*		Ontario*	
	Daily Mean	Running Mean	Daily Mean	Running Mean	Daily Mean	Running Mean	Daily Mean	Running Mean	Daily Mean	Running Mean
01-NOV-2008	183.273		176.020		174.779		173.927		74.536	
02-NOV-2008	183.253		176.019		174.782		173.934		74.530	
03-NOV-2008	183.264		176.012		174.765		173.936		74.527	
04-NOV-2008	183.262	183.263	176.022	176.018	174.760	174.772	173.931	173.932	74.523	74.529
05-NOV-2008	183.267		176.022		174.760		173.934		74.523	
06-NOV-2008	183.286		176.010		174.760		173.932		74.518	
07-NOV-2008	183.288		176.008		174.750		173.927		74.517	
08-NOV-2008	183.296	183.274	176.027	176.018	174.688	174.756	173.901	173.928	74.517	74.524
09-NOV-2008	183.304		176.015		174.695		173.904		74.511	
10-NOV-2008	183.311		176.013		174.684		173.913		74.503	
11-NOV-2008	183.296		176.007		174.727		173.924		74.502	
12-NOV-2008	183.273	183.281	176.005	176.015	174.744	174.741	173.927	173.924	74.504	74.518
13-NOV-2008	183.280		176.011		174.729		173.934		74.506	
14-NOV-2008	183.289		176.019		174.736		173.920		74.503	
15-NOV-2008	183.298		175.996		174.828		173.939		74.506	
16-NOV-2008	183.291	183.283	176.001	176.013	174.811	174.750	173.918	173.925	74.512	74.515
17-NOV-2008	183.285		175.993		174.835		173.962		74.514	
18-NOV-2008	183.277		175.992		174.864		173.948		74.511	
19-NOV-2008	183.264		176.003		174.820		173.946		74.508	
20-NOV-2008	183.280	183.282	175.973	176.008	174.833	174.768	173.929	173.929	74.511	74.514
21-NOV-2008	183.273		175.975		174.827		173.929		74.505	
22-NOV-2008	183.258		175.983		174.795		173.932		74.498	
23-NOV-2008	183.249		175.979		174.779		173.938		74.491	
24-NOV-2008	183.252	183.278	175.978	176.003	174.762	174.771	173.923	173.930	74.491	74.511
25-NOV-2008	183.253		175.960		174.736		173.921		74.499	
26-NOV-2008	183.248		175.970		174.734		173.942		74.499	
27-NOV-2008	183.237		175.975		174.744		173.934		74.506	
28-NOV-2008	183.247	183.273	175.963	175.998	174.723	174.766	173.916	173.929	74.506	74.510
29-NOV-2008	183.241		175.969		174.738		173.934		74.505	
30-NOV-2008	183.239		175.962		174.784		173.950		74.513	
Mean:	183.271		175.996		174.766		173.930		74.510	

November Statistics	Historic Water Levels				
	Superior	Michigan Huron	St. Clair	Erie	Ontario
Avg Last Month	183.319	176.093	174.856	174.013	74.603
Avg Last Year	183.179	175.769	174.561	173.809	74.308
Minimum	183.01 (1925)	175.65 (1964)	174.18 (1934)	173.20 (1934)	73.75 (1934)
Maximum	183.89 (1985)	177.38 (1986)	175.82 (1986)	174.85 (1986)	75.18 (1945)
Long Term Avg**	183.48	176.40	174.91	173.99	74.54

\* Mean levels are calculated by averaging the best available gage data at report generation and are subject to change.

\*\* Period of Record 1918 - 2007



# Great Lakes Water Levels (Meters)



## Lake Superior Water Levels

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Date	Duluth	Marquette	Pt Iroquois	Thunder Bay	Michi-picoten	Superior Lake Mean	US Slip	SW Pier
01-NOV-2008	183.340	183.289	183.258	183.271	183.208	183.273	176.142	183.124
02-NOV-2008	183.357	183.258	183.173	183.286	183.189	183.253	176.243	183.016
03-NOV-2008	183.373	183.265	183.207	183.281	183.195	183.264	176.240	183.064
04-NOV-2008	183.339	183.272	183.212	183.288	183.200	183.262	176.301	183.061
05-NOV-2008	183.375	183.273	183.205	183.283	183.197	183.267	176.311	183.060
06-NOV-2008	183.448	183.284	183.206	183.302	183.189	183.286	176.328	183.041
07-NOV-2008	183.373	183.300	183.243	183.315	183.208	183.288	176.356	183.090
08-NOV-2008	183.301	183.337	183.327	183.247	183.269	183.296	176.240	183.199
09-NOV-2008	183.238	183.351	183.387	183.232	183.311	183.304	176.163	183.299
10-NOV-2008	183.297	183.335	183.382	183.255	183.285	183.311	176.222	183.289
11-NOV-2008	183.361	183.308	183.300	183.280	183.230	183.296	176.294	183.166
12-NOV-2008	183.367	183.287	183.208	183.306	183.198	183.273	176.343	183.039
13-NOV-2008	183.322	183.283	183.242	183.313	183.241	183.280	176.354	183.092
14-NOV-2008	183.284	183.306	183.314	183.273	183.269	183.289	176.345	183.181
15-NOV-2008	183.295	183.340	183.346	183.248	183.260	183.298	176.189	183.216
16-NOV-2008	183.296	183.332	183.330	183.249	183.248	183.291	176.139	183.205
17-NOV-2008	183.285	183.341	183.314	183.244	183.240	183.285	176.141	183.172
18-NOV-2008	183.326	183.298	183.271	183.270	183.220	183.277	176.102	183.134
19-NOV-2008	183.276	183.305	183.267	183.237	183.235	183.264	176.298	183.129
20-NOV-2008	183.244	183.365	183.349	183.196	183.245	183.280	176.096	183.216
21-NOV-2008	183.278	183.310	183.322	183.223	183.233	183.273	176.115	183.198
22-NOV-2008	183.335	183.271	183.240	183.264	183.182	183.258	176.207	183.103
23-NOV-2008	183.276	183.257	183.231	183.260	183.220	183.249	176.214	183.094
24-NOV-2008	183.275	183.280	183.269	183.232	183.204	183.252	176.272	183.122
25-NOV-2008	183.260	183.289	183.288	183.222	183.204	183.253	176.143	183.157
26-NOV-2008	183.276	183.271	183.275	183.222	183.196	183.248	176.157	183.139
27-NOV-2008	183.251	183.261	183.252	183.232	183.189	183.237	176.173	183.129
28-NOV-2008	183.241	183.272	183.287	183.223	183.213	183.247	176.138	183.177
29-NOV-2008	183.274	183.257	183.246	183.228	183.198	183.241	176.153	183.130
30-NOV-2008	183.276	183.281	183.247	183.210	183.182	183.239	176.123	183.106
Mean:	183.308	183.296	183.273	183.256	183.222	183.271	176.218	183.138



## Great Lakes Water Levels (Meters)



### Lakes Michigan and Huron Water Levels

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Date	Harbor Beach	Ludington	Mackinaw City	Milwaukee	Tobermory	Thessalon	Michigan Huron Lake Mean
01-NOV-2008	176.049	176.081	175.976	176.090	175.975	175.951	176.020
02-NOV-2008	175.980	176.082	176.021	176.086	175.950	175.997	176.019
03-NOV-2008	175.975	176.094	176.002	176.083	175.959	175.962	176.012
04-NOV-2008	175.997	176.075	176.033	176.045	175.984	176.001	176.022
05-NOV-2008	176.006	176.061	176.023	176.044	175.989	176.010	176.022
06-NOV-2008	175.979	176.065	176.003	176.087	175.955	175.968	176.010
07-NOV-2008	175.963	176.076	176.023	176.071	175.943	175.975	176.008
08-NOV-2008	175.992	176.093	176.016	176.022	176.028	176.011	176.027
09-NOV-2008	176.064	176.021	175.995	175.972	176.054	175.987	176.015
10-NOV-2008	176.105	175.939	175.989	175.929	176.103	176.014	176.013
11-NOV-2008	176.056	176.000	175.967	176.010	176.020	175.989	176.007
12-NOV-2008	175.960	176.073	176.000	176.070	175.942	175.982	176.005
13-NOV-2008	175.941	176.096	176.037	176.033	175.969	175.990	176.011
14-NOV-2008	176.001	176.063	175.997	176.035	176.013	176.004	176.019
15-NOV-2008	176.090	176.008	175.943	176.040	175.975	175.918	175.996
16-NOV-2008	176.080	176.008	175.969	175.989	176.012	175.951	176.001
17-NOV-2008	176.074	176.009	175.939	176.031	175.977	175.930	175.993
18-NOV-2008	176.040	176.068	175.950	176.053	175.938	175.902	175.992
19-NOV-2008	175.992	176.015	176.011	176.007	175.989	176.006	176.003
20-NOV-2008	176.082	175.976	175.903	176.037	175.970	175.870	175.973
21-NOV-2008	176.066	175.998	175.937	176.004	175.948	175.898	175.975
22-NOV-2008	176.047	175.982	175.953	175.989	175.976	175.954	175.983
23-NOV-2008	175.963	176.011	175.989	175.990	175.957	175.967	175.979
24-NOV-2008	175.990	176.007	175.948	176.014	175.958	175.952	175.978
25-NOV-2008	176.046	176.010	175.907	176.017	175.926	175.856	175.960
26-NOV-2008	176.056	175.980	175.928	175.964	175.985	175.909	175.970
27-NOV-2008	176.011	175.970	175.967	175.951	175.979	175.971	175.975
28-NOV-2008	176.011	175.953	175.946	175.947	175.986	175.935	175.963
29-NOV-2008	176.000	175.962	175.946	175.966	175.983	175.959	175.969
30-NOV-2008	175.981	176.001	175.905	176.108	175.884	175.891	175.962
Mean:	176.020	176.026	175.974	176.023	175.978	175.957	175.996



## Great Lakes Water Levels (Meters)



### Lake St. Clair Water Levels

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Date	St Clair Shores	Belle River	St Clair Lake Mean
01-NOV-2008	174.773	174.785	174.779
02-NOV-2008	174.793	174.771	174.782
03-NOV-2008	174.774	174.755	174.765
04-NOV-2008	174.768	174.752	174.760
05-NOV-2008	174.767	174.753	174.760
06-NOV-2008	174.768	174.752	174.760
07-NOV-2008	174.757	174.742	174.750
08-NOV-2008	174.697	174.679	174.688
09-NOV-2008	174.686	174.703	174.695
10-NOV-2008	174.670	174.698	174.684
11-NOV-2008	174.727	174.726	174.727
12-NOV-2008	174.759	174.730	174.744
13-NOV-2008	174.745	174.712	174.729
14-NOV-2008	174.750	174.722	174.736
15-NOV-2008	174.749	174.908	174.828
16-NOV-2008	174.780	174.842	174.811
17-NOV-2008	174.818	174.852	174.835
18-NOV-2008	174.821	174.906	174.864
19-NOV-2008	174.830	174.810	174.820
20-NOV-2008	174.778	174.888	174.833
21-NOV-2008	174.771	174.883	174.827
22-NOV-2008	174.786	174.804	174.795
23-NOV-2008	174.785	174.773	174.779
24-NOV-2008	174.765	174.759	174.762
25-NOV-2008	174.702	174.771	174.736
26-NOV-2008	174.720	174.749	174.734
27-NOV-2008	174.747	174.742	174.744
28-NOV-2008	174.721	174.726	174.723
29-NOV-2008	174.743	174.733	174.738
30-NOV-2008	174.800	174.768	174.784
Mean:	174.758	174.773	174.766



# Great Lakes Water Levels (Meters)



## Lake Erie Water Levels

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Date	Toledo	Fairport	Port Stanley	Port Colborne	Erie Lake Mean
01-NOV-2008	173.967	173.962	173.923	173.856	173.927
02-NOV-2008	174.067	173.963	173.913	173.794	173.934
03-NOV-2008	173.943	173.931	173.948	173.922	173.936
04-NOV-2008	173.951	173.956	173.935	173.880	173.931
05-NOV-2008	173.970	173.951	173.931	173.884	173.934
06-NOV-2008	173.987	173.954	173.921	173.866	173.932
07-NOV-2008	173.938	173.964	173.935	173.869	173.927
08-NOV-2008	173.560	173.935	173.990	174.117	173.901
09-NOV-2008	173.569	173.944	173.969	174.133	173.904
10-NOV-2008	173.647	173.966	173.945	174.095	173.913
11-NOV-2008	173.919	173.938	173.911	173.930	173.924
12-NOV-2008	173.999	173.940	173.925	173.845	173.927
13-NOV-2008	173.890	173.928	173.986	173.931	173.934
14-NOV-2008	173.882	173.938	173.947	173.912	173.920
15-NOV-2008	173.881	174.051	173.906	173.919	173.939
16-NOV-2008	173.529	174.004	173.930	174.211	173.918
17-NOV-2008	173.906	174.004	173.945	173.992	173.962
18-NOV-2008	173.908	174.025	173.939	173.921	173.948
19-NOV-2008	173.873	173.972	173.980	173.961	173.946
20-NOV-2008	173.718	174.029	173.943	174.027	173.929
21-NOV-2008	173.737	174.054	173.931	173.995	173.929
22-NOV-2008	173.851	173.987	173.928	173.962	173.932
23-NOV-2008	173.885	173.947	173.950	173.970	173.938
24-NOV-2008	173.828	173.957	173.956	173.952	173.923
25-NOV-2008	173.566	174.009	173.978	174.132	173.921
26-NOV-2008	173.747	173.962	173.915	174.143	173.942
27-NOV-2008	173.883	173.953	173.923	173.977	173.934
28-NOV-2008	173.629	173.929	173.950	174.156	173.916
29-NOV-2008	173.939	173.953	173.933	173.911	173.934
30-NOV-2008	174.114	173.966	173.924	173.797	173.950
Mean:	173.843	173.969	173.940	173.969	173.930



# Great Lakes Water Levels (Meters)



## Lake Ontario Water Levels

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Date	Oswego	Rochester	Toronto	Kingston	Port Weller	Cobourg	Ontario Lake Mean	Ontario Adj. Lake Mean
01-NOV-2008	74.543	74.541	74.546	74.510	74.551	74.525	74.536	74.536
02-NOV-2008	74.514	74.523	74.566	74.494	74.560	74.524	74.530	74.530
03-NOV-2008	74.504	74.510	74.548	74.537	74.540	74.525	74.527	74.527
04-NOV-2008	74.504	74.506	74.553	74.515	74.541	74.521	74.523	74.523
05-NOV-2008	74.508	74.506	74.556	74.504	74.544	74.518	74.523	74.523
06-NOV-2008	74.514	74.508	74.542	74.493	74.540	74.510	74.518	74.518
07-NOV-2008	74.500	74.507	74.550	74.487	74.545	74.515	74.517	74.517
08-NOV-2008	74.512	74.512	74.545	74.506	74.525	74.503	74.517	74.517
09-NOV-2008	74.519	74.501	74.527	74.519	74.516	74.485	74.511	74.511
10-NOV-2008	74.549	74.505	74.484	74.532	74.485	74.462	74.503	74.503
11-NOV-2008	74.534	74.520	74.507	74.492	74.503	74.457	74.502	74.502
12-NOV-2008	74.493	74.507	74.538	74.473	74.526	74.484	74.504	74.504
13-NOV-2008	74.469	74.482	74.516	74.528	74.526	74.512	74.506	74.506
14-NOV-2008	74.486	74.487	74.515	74.493	74.519	74.517	74.503	74.503
15-NOV-2008	74.501	74.500	74.501	74.483	74.528	74.524	74.506	74.506
16-NOV-2008	74.580	74.512	74.454	74.562	74.480	74.484	74.512	74.512
17-NOV-2008	74.536	74.523	74.522	74.503	74.524	74.477	74.514	74.514
18-NOV-2008	74.530	74.529	74.517	74.480	74.522	74.485	74.511	74.511
19-NOV-2008	74.503	74.506	74.534	74.479	74.523	74.503	74.508	74.508
20-NOV-2008	74.510	74.511	74.544	74.476	74.526	74.497	74.511	74.511
21-NOV-2008	74.523	74.514	74.520	74.480	74.504	74.488	74.505	74.505
22-NOV-2008	74.523	74.505	74.506	74.471	74.505	74.477	74.498	74.498
23-NOV-2008	74.491	74.485	74.525	74.471	74.500	74.474	74.491	74.491
24-NOV-2008	74.448	74.467	74.539	74.483	74.521	74.487	74.491	74.491
25-NOV-2008	74.487	74.477	74.524	74.498	74.508	74.502	74.499	74.499
26-NOV-2008	74.523	74.491	74.491	74.521	74.480	74.490	74.499	74.499
27-NOV-2008	74.515	74.497	74.519	74.515	74.506	74.485	74.506	74.506
28-NOV-2008	74.527	74.503	74.507	74.531	74.491	74.475	74.506	74.506
29-NOV-2008	74.511	74.505	74.526	74.490	74.516	74.481	74.505	74.505
30-NOV-2008	74.466	74.493	74.574	74.457	74.569	74.517	74.513	74.513
Mean:	74.511	74.504	74.527	74.499	74.521	74.497	74.510	74.510