

MecaWind Revision History

Version	Date	Revision Description
2.2.9.1	6/4/2018	Beta release of new MecaWind that incorporates ASCE 7-16. ASCE 7-05 removed.
2.2.9.2	6/6/2018	Fixes identified in beta testing with regard to importing old files.
2.2.9.3	6/11/2018	Fix bugs with importing old v2284 and earlier files.
2.2.9.4	6/20/2018	Clarify the flexible G parameters and clean up some issues, correct metric units for MWFRS Graphic.
2.2.9.5	7/10/2018	Fix math error for monoslope roof and some other minor bug fixes
2.2.9.6	7/20/2018	Misc bug fixes
2.2.9.7	8/2/2018	Misc bug fixes as a result of beta testing. Released the new version for all users.
2.2.9.8	8/8/2018	Require ph number for trial, fix Ch 30 Pt 3 for monoslope > 10 deg, fix populate for some configurations not working
2.2.9.9	8/16/2018	Fix lateral wind loads for Tanks
2.3.0.0	8/21/2018	Add reaction summary for Tanks/Bins/Silos and rework the output to be more logical. Added ability to load a *.wnd file by double clicking. Fixed bug with Ch 28 Pt 1 criteria (# stories, Light frame, Flex Diaphragm) being displayed in output even when not applicable.
2.3.0.1	8/31/2018	Fix option of saving output as pdf or html
2.3.0.2	9/3/2018	Clean up some items on main menu, Kd factor wasn't working for signs, Kd overwrite factor fixed, Ch 30 Pt 2 wasn't displaying check for Enclosed.
2.3.0.3	9/13/2018	Added option to enter base elevation, and updated trial to new webform registration
2.3.0.4	9/14/2018	v2303 was unstable, and this addressed those problems. Also cleaned up some of the main menu updates for security
2.3.0.5	9/23/2018	Corrected overhang C&C pressures which included LF factor twice, making them too low.
2.3.0.6	9/28/2018	Fix some problems with importing old files
2.3.0.7	10/3/2018	Fix problem with C&C Ch 30 Pt 4, and other minor import errors
2.3.0.8	10/25/2018	Added ASCE 7-05 code to software, and fixed some bugs
2.3.0.9	10/30/2018	Had a problem with v2308 that caused Open structures not to work, fixed that. Also form layout to work with more different display settings.
2.3.1.0	11/15/2018	Fix override_G and Override_Kd. Fix Bdist which wasn't working in all situations. Fixed MWFRS form cut off buttons on some users.
2.3.1.1	11/16/2018	Added ability for user to enter length and width for C&C populate.
2.3.1.1	11/16/2018	Make MWFRS and C&C Forms resizable
2.3.1.2	11/27/2018	Open building was taking the wrong height
2.3.1.3	12/1/2018	Fixed the wind conversion utility, Lshape End 2 hipped wasn't working for overhang options, Building type L-shaped is treated as enclosed
2.3.1.4	12/6/2018	Fix html output to save images, fix canopy C&C pressures, handle very small height for solid sign
2.3.1.5	12/12/2018	Arched roof C&C not showing zones 4 and 5 in dropdown, fix error column roftype not belonging to table, extend length of time that tool tip help displays.
2.3.1.6	12/20/2018	Fix double click *.wnd file to launch MecaWind, Leeward/Side wall pressures when parapet were showing parapet values rather than wall values

2.3.1.7	1/10/2019	The slope for open buildings was wrong in the C&C calculations.
2.3.1.8	1/11/2019	Fix problem with Hipped roof MWFRS pressures not calculating, and ASCE 7-16 Kd for solid signs fixed to be 0.85
2.3.1.9	1/21/2019	Hipped roof wall tables corrected to start at Eave Ht, fix solid sign return reduction factor for Case C to only apply to '0 to s' with astericks on values in ASCE 7 table.
2.3.2.0	1/22/2019	Solid Sign remove Rlr from Case A and B
2.3.2.1	1/23/2019	There is a 30:12 slope max limit set for buildings, and it was incorrectly applying to open structures which are entered as a value in degrees rather than X:12.
2.3.2.2	2/4/2019	Partially enclosed buildings couldn't set Overhang.
2.3.2.3	3/4/2019	Fix ASCE 7-10 Kd to be 0.95 for chimneys, fix panel on tall buildings at bottom that was flipped, added ASCE 7-10 altitude adjustment constant per C27.3.2.
2.3.2.4	3/27/2019	Open bldg wasn't calculating a correctly and wasn't being displayed. Interpolation error on Open pitched for A705, A710 and A716 standards.
2.3.2.5	4/5/2019	Fix problems with monoslope roof < 3 deg on ASCE 7-16
2.3.2.6	4/19/2019	Make About links clickable, add Check for Updates feature, improvements to Single user and Floating logins, make width of edge not editable, fix Red/Green inconsistencies for ASCE 7-05 Low Riser MWFRS & C&C