

O3-FILE.ZIP – ZIP file containing the hourly ozone file/processing, as follows:

O3WEC3c.FOR – Program that adds missing hours to raw data and converts ppm to ppb

O3INT1.FOR – Program that interpolates single missing hours

O3INT2.FOR – Program that interpolates two consecutive missing hours

O3-RAW.prn – original data input to O3WEC3c (only hours with valid data are included by agency)

o3fil.dat – output from O3WEC3c and input to O3INT1

o3fil1.dat – output from O3INT1 and input to O3INT2

o3fil2.dat – output from O3INT1

OZONE_PICKDATA.xlsx – Excel spreadsheet used to process the data, with tabs as follows:

OZONE_PICKDATA_2010-12-31 – Raw 2010 data from agency

OZONE_PICKDATA_2011-12-31 – Raw 2011 data from agency

OZONE_PICKDATA_2012-12-31 – Raw 2012 data from agency

OZONE_PICKDATA_2013-12-31 – Raw 2013 data from agency

OZONE_PICKDATA_2014-12-31 – Raw 2014 data from agency

o3-raw.prn – 2010-2014 data from agency reformatted for input to O3WEC3c.FOR

o3fil3.dat – o3fil2.dat file from O3INT2.FOR with other missing data filled in by hand

o3fil.asc – o3fil3.dat tab reformatted for AERMOD

o3fil.asc – ASCII file for use in AERMOD from spreadsheet

NO2-FILE.ZIP – ZIP file containing the hourly NO2 file/processing, as follows:

FORTTRAN input/output files for the first three FORTRAN programs (given above in O3-FILE.ZIP) were named o3*. * to execute programs, but were renamed before/after as no2*. * to avoid confusion.

no2-raw.prn – original data input to O3WEC3c

no2fil.dat – output from O3WEC3c and input to O3INT1

no2fil1.dat – output from O3INT1 and input to O3INT2

no2fil2.dat – Program that interpolates two consecutive missing hours

O3MAX3Q2.FOR - Program that writes out top-3 concentrations by hour/season

no2fil-1.prn – input to O3MAX3Q2 for Dec 2010-Nov 2011 (named no2fil.asc for run)

no2fil-2.prn - input to O3MAX3Q2 for Dec 2011-Nov 2012 “ (included in spreadsheet

no2fil-3.prn - input to O3MAX3Q2 for Dec 2012-Nov 2013 “ as *.asc)

no2fil-1.out - output from O3MAX3Q2 for Dec 2010-Nov 2011 (named no2fil.out by run)

no2fil-2.out - output from O3MAX3Q2 for Dec 2011-Nov 2012 “ (included in spreadsheet

no2fil-3.out - output from O3MAX3Q2 for Dec 2012-Nov 2013 “ as *.out also)

NO2_PICKDATA2.xlsx – Excel spreadsheet used to process the data, with tabs as follows:

NO2_PICKDATA_2010-12-31 – Raw 2010 data from agency

NO2_PICKDATA_2011-12-31 – Raw 2011 data from agency

NO2_PICKDATA_2012-12-31 – Raw 2012 data from agency

NO2_PICKDATA_2013-12-31 – Raw 2013 data from agency

no2-raw.prn – 2010-2013 data from agency reformatted for input to O3WEC3c.FOR

no2fil3.dat – output from O3INT2.FOR with other missing data filled in by hand,
including Victorville data for 8/28-9/10/2013

NO2_PICKDATA_2013-12-31 VICTORV – Raw 2014 Victorville data from agency
Victor-raw.prn – 2013 Victorville data from agency reformatted for input to O3WEC3c.FOR
Victorfil2 – output from O3INT2.FOR for Victorville

no2fil.asc – o3fil3.dat tab reformatted for input to O3MAX3Q2 (AERMOD format)

no2fil-1.asc/no2fil-2.asc/no2fil-3.asc – Dec-Nov individual year files for input to O3MAX3Q2

no2fil-1.out/no2fil-2.out/no2fil-3.out – Dec-Nov individual year files output from O3MAX3Q2

no2fil.avg – Spreadsheet tab calculating three year averages for the 3rd highest seasonal values by hour

Sheet5 – no2fil.avg tab reformatted to print for use in AERMOD input control file

END OF O3-README