

April 17, 2020

Memorandum

SUBJECT: Data files related to quantitative analyses included as a part of the review of the secondary National Ambient Air Quality Standards for Particulate Matter (EPA-HQ-OAR-2015-0072)

FROM: Regina Chappell
Office of Air Quality Planning and Standards

TO: Rulemaking Docket for the Review of the National Ambient Air Quality Standards for Particulate Matter (EPA-HQ-OAR-2015-0072)

Data files used in the quantitative visibility analyses included as a part of the review of the secondary National Ambient Air Quality Standards (NAAQS) for Particulate Matter (PM), as described in the Policy Assessment¹ and the Notice of Proposed Rulemaking, are listed and briefly described in Table 1 below. The EPA has temporarily suspended its Docket Center and Reading Room for public visitors to reduce the risk of transmitting COVID-19. The data files listed below may be requested through the Docket Center. Please contact the Docket Center through this website for specific information and questions concerning this docket and its content: <https://www.epa.gov/dockets/forms/contact-us-about-docket-center-website>. The data files in Table 1 are also publicly available at: <https://www.epa.gov/air-quality-analysis/particulate-matter-naaqs-review-analyses-and-data-sets>.

Table 1. Data file names and descriptions related to quantitative analyses included as a part of the review of the secondary PM NAAQS

File Name	File Size	File Description
Site_dv_daily_light_extencton_compar ison.xlsx	94 K	Site design value vs visibility index comparison 2015-2017
revised_improve_frh.csv	3 K	f(RH) values for calculating light extinction
rhum_2m_2015_2017.zip Includes: rhum.2m.2015.nc rhum.2m.2016.nc	172 MB	North American Regional Reanalysis (NARR) relative humidity data as the local time daily average for 2015-2017

¹ U.S. EPA. (2020). Policy Assessment for the Review of the National Ambient Air Quality Standards for Particulate Matter. Research Triangle Park, NC. U.S. Environmental Protection Agency, Office of Air Quality Planning and Standards, Heath and Environmental Impacts Division. U.S. EPA. EPA-452/R-20-002. January 2020. Available at: <https://www.epa.gov/naaqs/particulate-matter-pm-standards-policy-assessments-current-review-0>.

rhum.2m.2017.nc		
pm25_2015_2017_daily_concentrations.zip	8 MB	Daily PM _{2.5} concentrations for 2015-2017
coarse_2015_2017_daily_concentrations.zip	676 K	Daily PM _{10-2.5} concentrations for 2015-2017
speciation_2015_2017_daily_concentrations.zip	16 MB	Daily PM _{2.5} speciation concentrations for 2015-2017