Message

From: Payton, Richard [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B05F3A57A2C24A16AF33518E56451BF7-PAYTON, RICHARD]
Sent: 6/13/2018 4:06:08 PM
To: Landes - CDPHE, Scott [scott.landes@state.co.us]
Subject: RE: Available on-line resources for Stratospheric Intrusions

Good suggestion; NCAR also recommended adding a link to archived GRIB (sic) binary files from WACCM generated with MOZART runs, back to 2007 I think, so that too needs IDV or equivalent.

Richard

From: Landes - CDPHE, Scott [mailto:scott.landes@state.co.us]
Sent: Wednesday, June 13, 2018 10:04 AM
To: Payton, Richard <Payton.Richard@epa.gov>
Subject: Re: Available on-line resources for Stratospheric Intrusions

Hi Richard,

I finally got a minute to sit down and review this resource document. Looks great. The only suggestion I have is perhaps providing a link in the GFS Forecasts section to an Integrated Data Viewer download (https://www.unidata.ucar.edu/software/idv/).

Through IDV you can access GFS analysis data as an archive for all the variables you described.

--Scott

On Thu, May 24, 2018 at 12:42 PM, Payton, Richard <Payton.Richard@epa.gov> wrote:

SI Workgroup:

EPA is contemplating preparing a resource document describing available on-line tools and models that have proven useful in real-time or retrospective assessment of stratospheric ozone influence on ground measurements, particularly those with ozone chemistry capability. I have prepared the attached powerpoint, providing links to available model based ozone chemistry tools, along with a brief intro to the information available and to query interfaces and archives when available. The platforms addressed are:

NOAA RAP Chem
NCAR Whole Atmosphere Community Climate Model (WACCM)
NOAA NCEP GFS Forecasts
NASA GMAO Atmospheric Composition
NASA/NOAA RAQMS
NOAA/NASA IDEA-I Ozone Trajectory Forecasts

For folks at the centers associated with these tools, please review to see that I am naming and attributing the tools properly, and let me know if there are significant capabilities I have missed or mischaracterized. At some point, EPA would anticipate providing links to these platforms on an EPA Stratospheric Ozone Resources web page, so please consider if your organization would have concerns or reservations with being linked from such an EPA webpage.

For State/Local/tribal monitoring or other data users, let me know if you feel like there is not enough info in the attached to let you access the relevant data from the platforms; I did not intend to write a detailed cook-book, just to provide links and an intro to capabilities, so it may take some time to become familiar with individual tools.

Thanks for your help. We will be looking for feedback within the coming month or so.

Richard Payton
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"Are you curious about ground-level ozone in Colorado? Visit our ozone webpage to learn more."