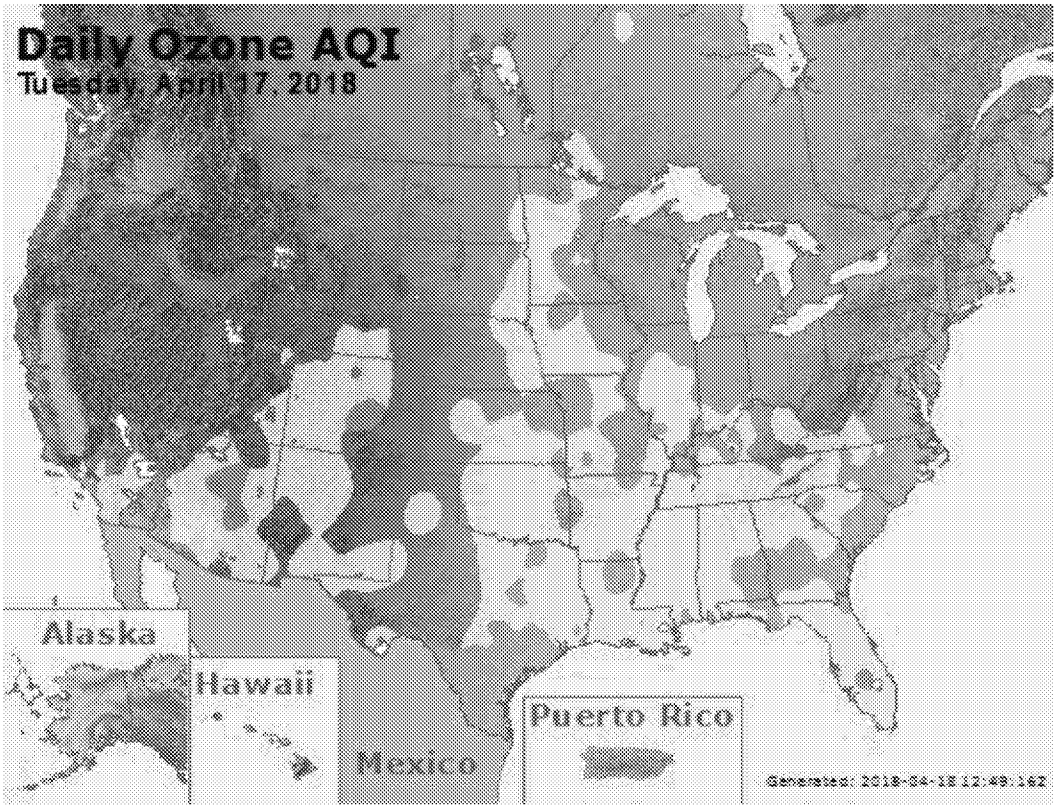
Message

From: Payton, Richard [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B05F3A57A2C24A16AF33518E56451BF7-PAYTON, RICHARD]
Sent: 4/18/2018 1:27:59 PM
To: Irina Petropavlovskikh - NOAA Affiliate [irina.petro@noaa.gov]; Andrew Langford-NOAA Federal [andrew.o.langford@noaa.gov]
CC: Landes - CDPHE, Scott [scott.landes@state.co.us]; McCammon, Ryan [rmccammon@blm.gov]; pfister@ucar.edu; Brad Pierce - NOAA Federal [brad.pierce@noaa.gov]; Tonnesen, Gail [Tonnesen.Gail@epa.gov]; Dolwick, Pat [Dolwick.Pat@epa.gov]; Kotchenruther, Robert [Kotchenruther.Robert@epa.gov]; Evangelista, Mark [Evangelista.Mark@epa.gov]; Bridgers, George [Bridgers.George@epa.gov]; Bohnenkamp, Carol [Bohnenkamp.Carol@epa.gov]; Bohning, Scott [Bohning.Scott@epa.gov]; Kay, Rynda [Kay.Rynda@epa.gov]; james.j.szykman@nasa.gov; Scheffe, Rich [Scheffe.Rich@epa.gov]; Keating, Terry [Keating.Terry@epa.gov]; Possiel, Norm [Possiel.Norm@epa.gov]; Sather, Mark [sather.mark@epa.gov]; Snyder, Erik [snyder.erik@epa.gov]; Matichuk, Rebecca [Matichuk.Rebecca@epa.gov]; Jackson, Scott [Jackson.Scott@epa.gov]; Beaver, Melinda [Beaver.Melinda@epa.gov]; Henderson, Barron [Henderson.Barron@epa.gov]; Chu, Shao-Hang [Chu.Shao-Hang@epa.gov]; Burkhart, Richard [burkhart.richard@epa.gov]; bocall@utah.gov; kkreykes@utah.gov; kweber@utah.gov; Sara Strachan [Sara.Strachan@deq.idaho.gov]; Rong.Li@deq.idaho.gov; cara.keslar@wyo.gov; clint@ecy.wa.gov; rdha461@ecy.wa.gov; ALLEN.Philip@deq.state.or.us; LAZAREV.Svetlana@deq.state.or.us; McFall, Keith [Keith.McFall@doh.hawaii.gov]; Paul.Fransioli@ClarkCountyNV.gov [Paul.Fransioli@clarkcountynv.gov]; Araceli.Pruett@clarkcountynv.gov; jkarmazyn@utah.gov; bright.dornblaser@tceq.texas.gov; chyatt@nd.gov; Tekniepe@ClarkCountyNV.gov [Tekniepe@clarkcountynv.gov]; zli@co.clark.nv.us; Algirdas Leskys [LESKYS@ClarkCountyNV.gov]; Langston@ClarkcountyNV.gov [Langston@clarkcountynv.gov]; mark.jones@state.nm.us; Sharac, Timothy [Sharac.Timothy@epa.gov]; Shobha.Kondragunta@noaa.gov; david.nunes@valleyair.org; Ryan Templeton [templeton.ryan@azdeq.gov]; dan.welsh@state.co.us; amber.ortega@state.co.us; Mike Hardesty [Mike.Hardesty@noaa.gov]; Owen.R.Cooper@noaa.gov; Tom Moore [tmoore@westar.org]; lawrence.e.flynn@noaa.gov; akaduwel@arb.ca.gov; Frank Forsgren [fforsgre@ndep.nv.gov]; Sheryl Fontaine [sfontaine@ndep.nv.gov]; baanderson02@fs.fed.us; emmons@ucar.edu; Audra McClure-Begley [audra.mcclure@noaa.gov]; Robert.B.Chatfield@nasa.gov; rwhite@nd.gov; Bryan.Johnson@noaa.gov; lesley.e.ott@nasa.gov; bryan.n.duncan@nasa.gov; katherine.e.knowland@nasa.gov; barkley_sive@nps.gov; craig.long@noaa.gov; Palma, Elizabeth [Palma.Elizabeth@epa.gov]; Fox, Tyler [Fox.Tyler@epa.gov]; Terry, Sara [Terry.Sara@epa.gov]; Naess, Liz [Naess.Liz@epa.gov]; Fiedler, Kerri [Fiedler.Kerri@epa.gov]
Subject: RE: [SPAM] Re: [EXTERNAL] Re: Stratospheric Intrusion Workgroup Call April 24

We ended up with exceedances yesterday of the 70 ppb 8-hour standard at the following surface stations (not counting those in Florida and Mississippi):

Flagstaff, AZ:	78 ppb
USAF Acad., CO:	76 ppb
Manitou Springs, CO:	76 ppb
Tonto Nat Mon, AZ:	75 ppb
Blue Point Sheriff, AZ:	71 ppb

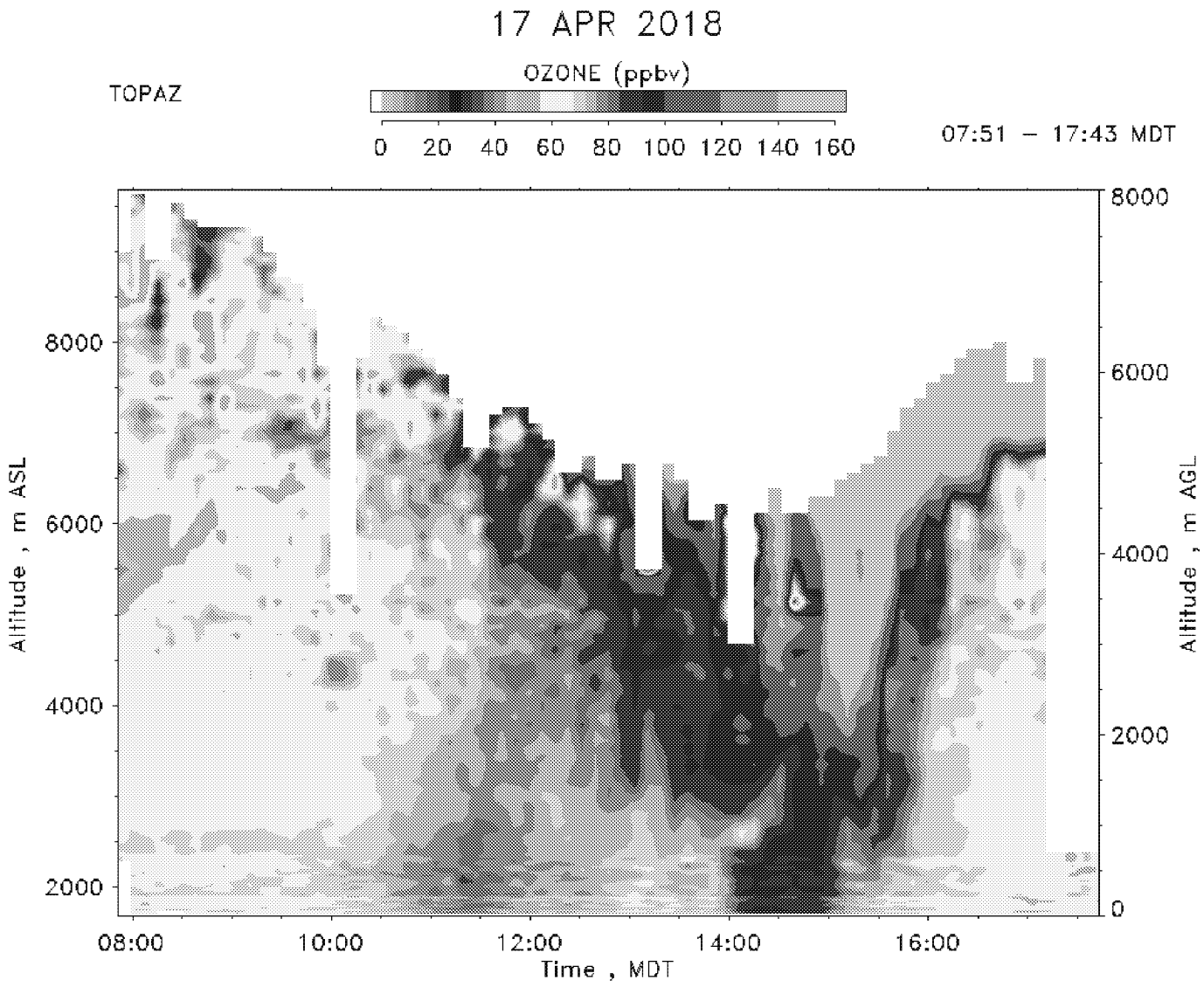


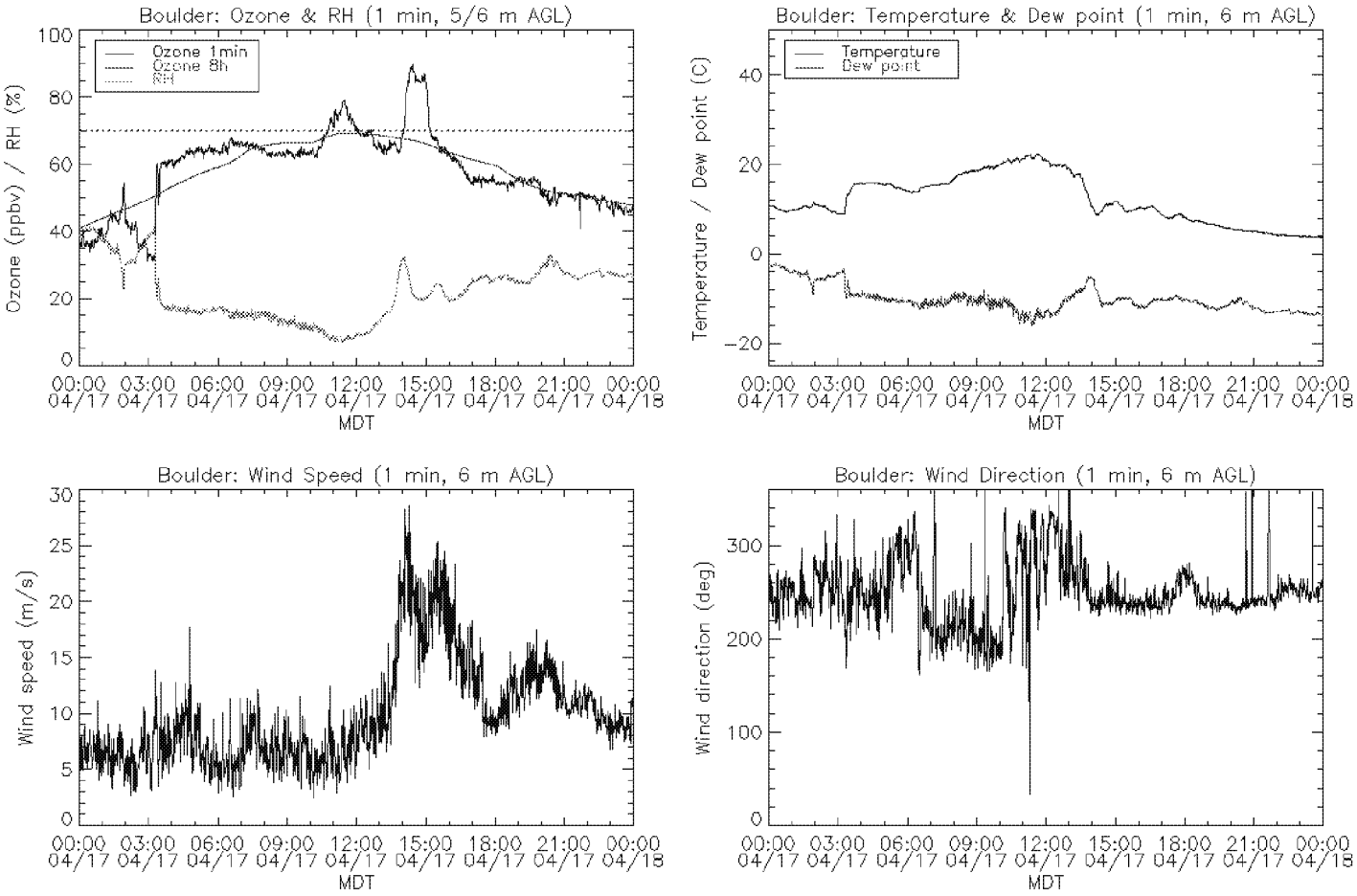
From: Irina Petropavlovskikh - NOAA Affiliate [mailto:irina.petro@noaa.gov]
Sent: Tuesday, April 17, 2018 4:51 PM
To: Andrew Langford-NOAA Federal <andrew.o.langford@noaa.gov>
Cc: Landes - CDPHE, Scott <scott.landes@state.co.us>; McCammon, Ryan <rmccammon@blm.gov>; pfister@ucar.edu; Brad Pierce - NOAA Federal <brad.pierce@noaa.gov>; Tonnesen, Gail <Tonnesen.Gail@epa.gov>; Payton, Richard <Payton.Richard@epa.gov>; Dolwick, Pat <Dolwick.Pat@epa.gov>; Kotchenruther, Robert <Kotchenruther.Robert@epa.gov>; Evangelista, Mark <Evangelista.Mark@epa.gov>; Bridgers, George <Bridgers.George@epa.gov>; Bohnenkamp, Carol <Bohnenkamp.Carol@epa.gov>; Bohning, Scott <Bohning.Scott@epa.gov>; Kay, Rynda <Kay.Rynda@epa.gov>; james.j.szykman@nasa.gov; Scheffe, Rich <Scheffe.Rich@epa.gov>; Keating, Terry <Keating.Terry@epa.gov>; Possiel, Norm <Possiel.Norm@epa.gov>; Sather, Mark <sather.mark@epa.gov>; Snyder, Erik <snyder.erik@epa.gov>; Matichuk, Rebecca <Matichuk.Rebecca@epa.gov>; Jackson, Scott <Jackson.Scott@epa.gov>; Beaver, Melinda <Beaver.Melinda@epa.gov>; Henderson, Barron <henderson.barron@epa.gov>; Chu, Shao-Hang <Chu.Shao-Hang@epa.gov>; Burkhart, Richard <burkhart.richard@epa.gov>; bocall@utah.gov; kkreykes@utah.gov; kweber@utah.gov; Sara Strachan <Sara.Strachan@deq.idaho.gov>; Rong.Li@deq.idaho.gov; cara.keslar@wyo.gov; clint@ecy.wa.gov; rdha461@ecy.wa.gov; ALLEN.Philip@deq.state.or.us; LAZAREV.Svetlana@deq.state.or.us; McFall, Keith <Keith.McFall@doh.hawaii.gov>; Paul.Fransioli@ClarkCountyNV.gov; Araceli.Pruett@clarkcountynv.gov; jkarmazyn@utah.gov; bright.dornblaser@tceq.texas.gov; chyatt@nd.gov; Tekniepe@ClarkCountyNV.gov; zli@co.clark.nv.us; Algirdas Leskys <LESKYS@ClarkCountyNV.gov>; Langston@ClarkcountyNV.gov; mark.jones@state.nm.us; Sharac, Timothy <Sharac.Timothy@epa.gov>; Shobha.Kondragunta@noaa.gov; david.nunes@valleyair.org; Ryan Templeton <templeton.ryan@azdeq.gov>; dan.welsh@state.co.us; amber.ortega@state.co.us; Mike Hardesty <Mike.Hardesty@noaa.gov>; Owen.R.Cooper@noaa.gov; Tom Moore <tmoore@westar.org>; lawrence.e.flynn@noaa.gov; akaduwel@arb.ca.gov; Frank Forsgren <fforsgre@ndep.nv.gov>; Sheryl Fontaine <sfontaine@ndep.nv.gov>; baanderson02@fs.fed.us; emmons@ucar.edu; Audra McClure-Begley <audra.mcclure@noaa.gov>; Robert.B.Chatfield@nasa.gov; rwhite@nd.gov; Bryan.Johnson@noaa.gov; lesley.e.ott@nasa.gov; bryan.n.duncan@nasa.gov; katherine.e.knowland@nasa.gov; barkley_sive@nps.gov; craig.long@noaa.gov; Palma, Elizabeth <Palma.Elizabeth@epa.gov>; Fox, Tyler <Fox.Tyler@epa.gov>; Terry, Sara <Terry.Sara@epa.gov>; Naess, Liz <Naess.Liz@epa.gov>; Fiedler, Kerri <Fiedler.Kerri@epa.gov>
Subject: [SPAM] Re: [EXTERNAL] Re: Stratospheric Intrusion Workgroup Call April 24

No balloon launch in such strong winds is possible
We will launch tomorrow

On Tue, Apr 17, 2018 at 4:46 PM, Andrew Langford-NOAA Federal <andrew.o.langford@noaa.gov> wrote:

The event seems to be winding down here in Boulder. The winds at the NCAR Mesa Lab hit 81 mph at 1425 MDT when we saw 90 ppbv on the ground.
Andy





On Apr 17, 2018, at 16:35, Landes - CDPHE, Scott <scott.landes@state.co.us> wrote:

Big numbers down in Colorado Springs. Both of our monitors (AF Academy and Manitou Springs) approaching 100ppb this hour:

<image.png>

<image.png>

On Tue, Apr 17, 2018 at 3:44 PM, McCammon, Ryan <rmccammon@blm.gov> wrote:

Fyi,

The Cheyenne NCore site just hit a 1-hour of 70 ppb during the last hour.

Ryan McCammon, Air Resource Specialist BLM-Wyoming State Office
5353 Yellowstone, Cheyenne, WY. 82009
rmccammon@blm.gov
(307)775-6156

On Tue, Apr 17, 2018 at 2:16 PM, Andrew Langford-NOAA Federal <andrew.o.langford@noaa.gov> wrote:

Very nice. Our in situ monitor has climbed above 80 ppbv since the winds picked up.

On Apr 17, 2018, at 14:14, Gabriele Pfister <pfister@ucar.edu> wrote:

Also plots for 12 UTC, 18 UTC and 24 UTC :

<image.png>

<image.png>
<image.png>

On Tue, Apr 17, 2018 at 2:09 PM, Gabriele Pfister <pfister@ucar.edu> wrote:

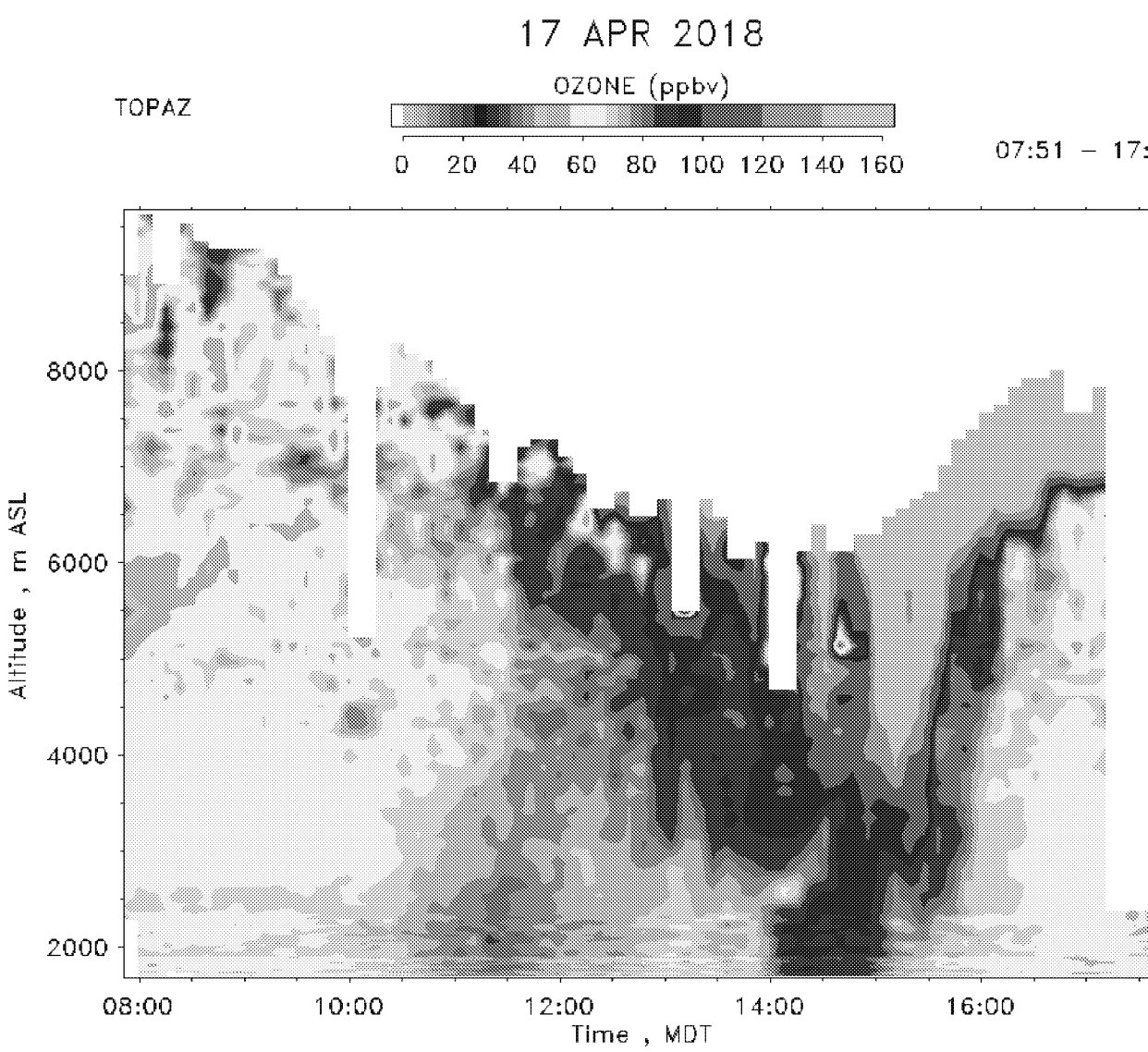
Joining the exchange with a picture of the stratospheric ozone tracer from our WACMM forecast (https://www2.acom.ucar.edu/gcm/waccm)
Cheers,
Gabi
<image.png>

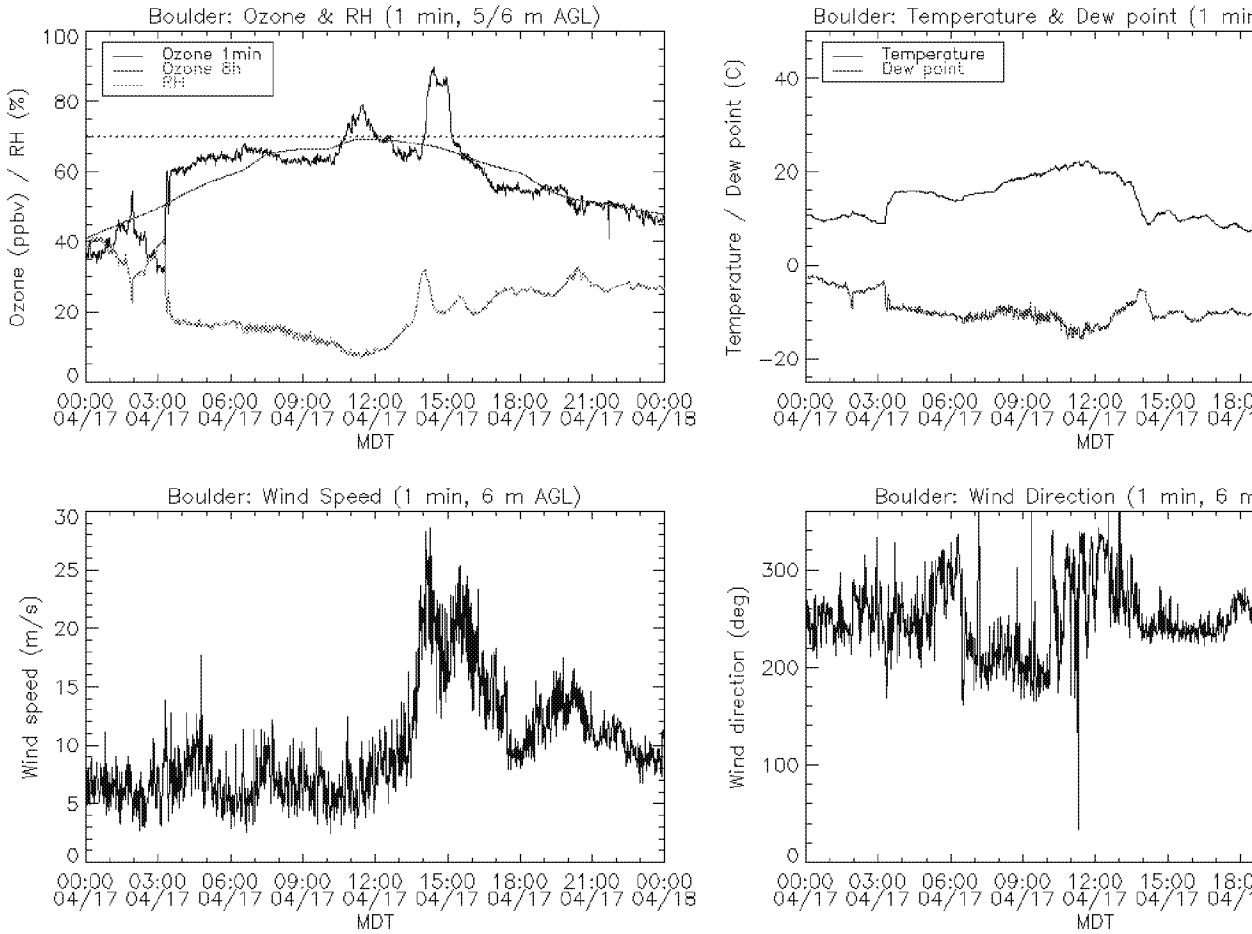
On Tue, Apr 17, 2018 at 12:48 PM, Brad Pierce - NOAA Federal <brad.pierce@noaa.gov> wrote:

Only a few trajectories initialized within the fold off the west coast, but they do descend over CO (attached).

On Tue, Apr 17, 2018 at 1:17 PM, Andrew Langford-NOAA Federal <andrew.o.langford@noaa.gov> wrote:

Just a heads up. We have a significant SI in progress here at Boulder.
Andy


17 APR 2018
TOPAZ
OZONE (ppbv)
0 20 40 60 80 100 120 140 160
07:51 – 17:
Altitude , m ASL
8000
6000
4000
2000
08:00
10:00
12:00
14:00
16:00
Time , MDT



On Apr 13, 2018, at 10:23, Tonnesen, Gail <Tonnesen.Gail@epa.gov> wrote:

All,

Some updates to the date and conference line pass code for the next stratospheric intrusion workgroup call:
The call is Tuesday, April 24th at 9 am PT, 10 am MT, 11 am CT, noon ET.

Conference phone number: Conference Line/Code / Ex. 6
Conference ID pass code: Conference Line/Code / Ex. 6

Please let me know if you have agenda items, and I'll send the agenda and reminder on Monday April 23rd.

Thanks,
Gail

Gail Tonnesen
EPA Region 8 Air Program

303-312-6113

The contents of this message are mine personally and do not necessarily reflect any position of NOAA.

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R. Bradley Pierce

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Scott J Landes
Supervisor/Air Quality Meteorologist
Meteorology and Prescribed Fire Unit
Technical Services Program

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scott.landes@state.co.us

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

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Dr. Irina Petropavlovskikh
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