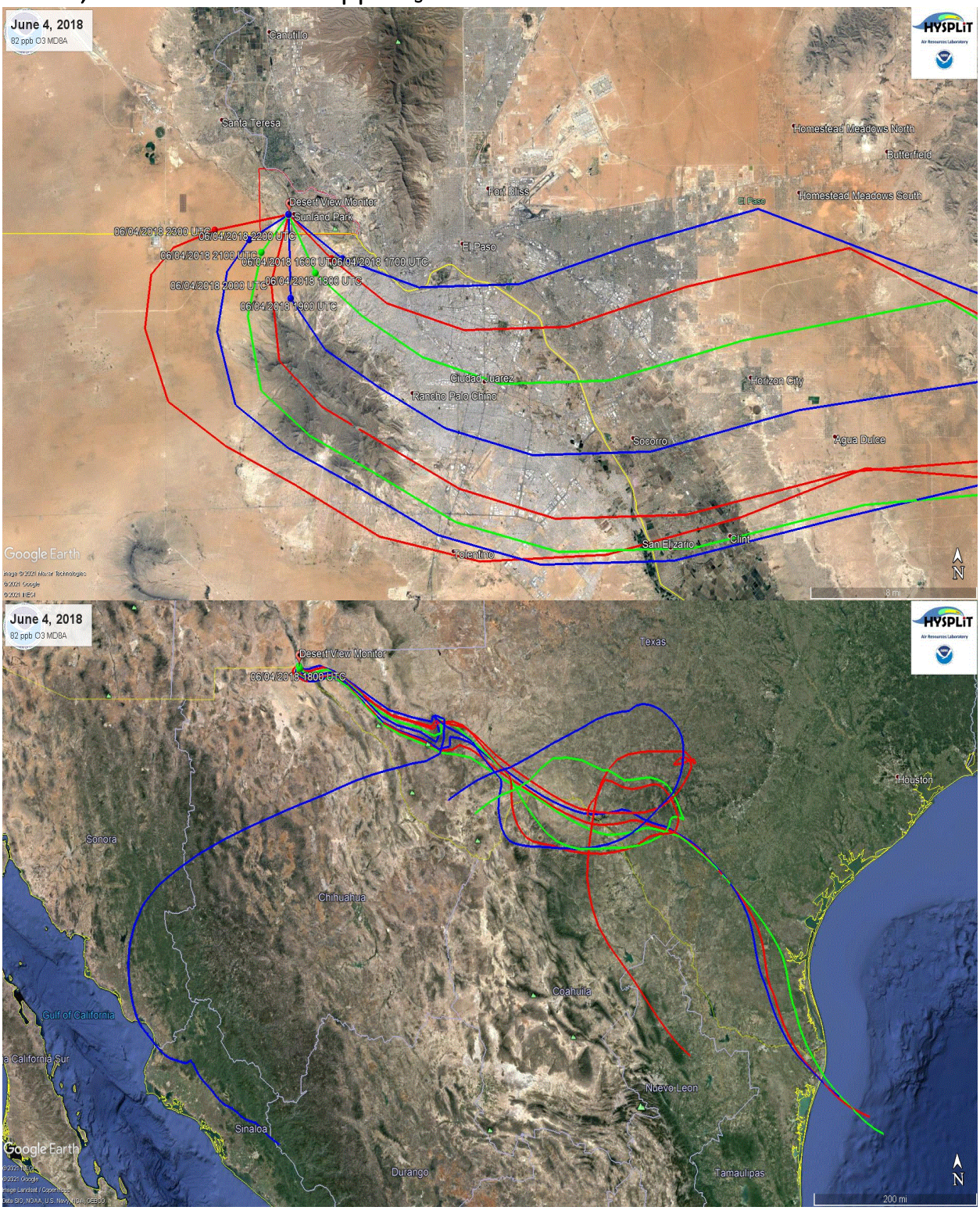
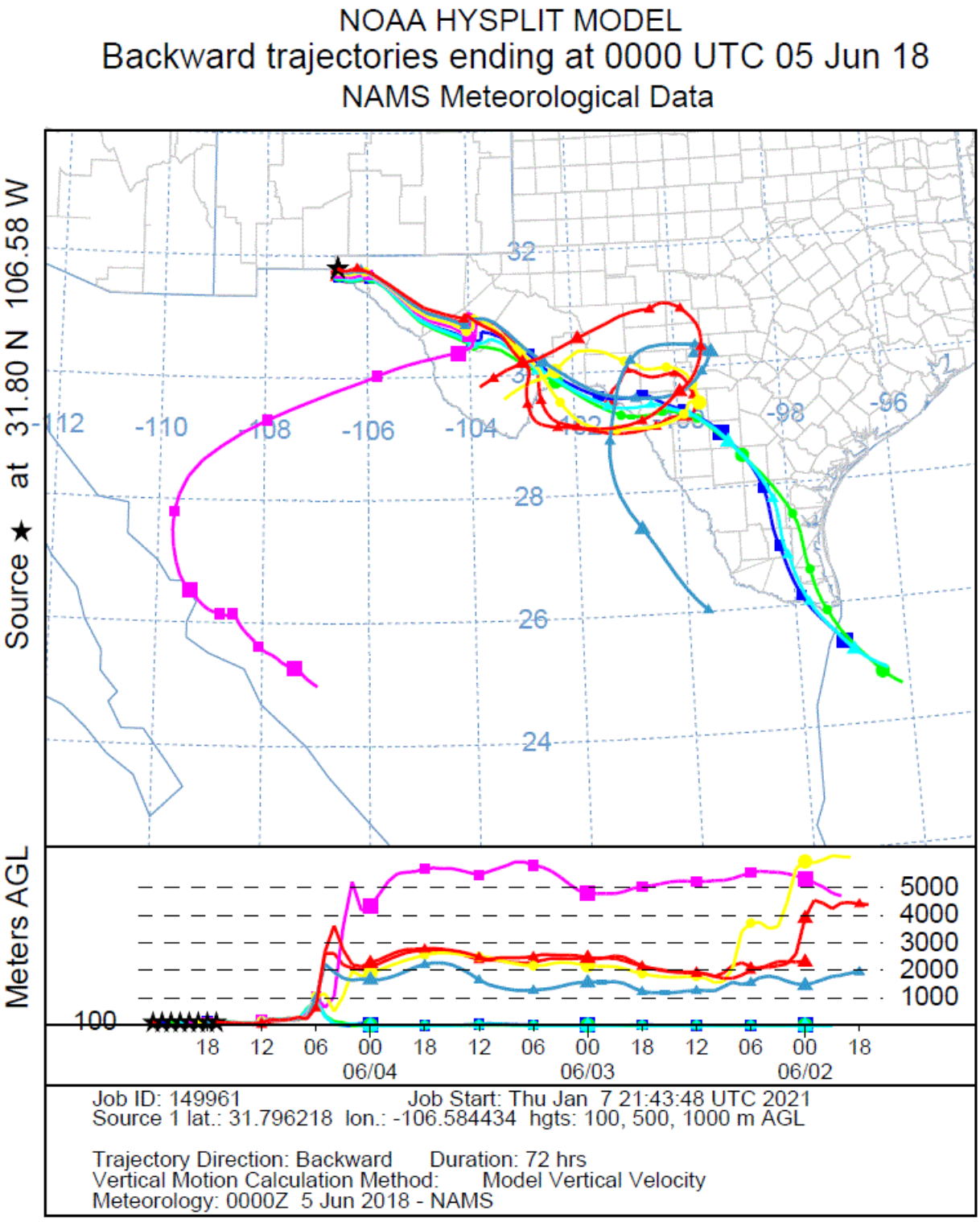
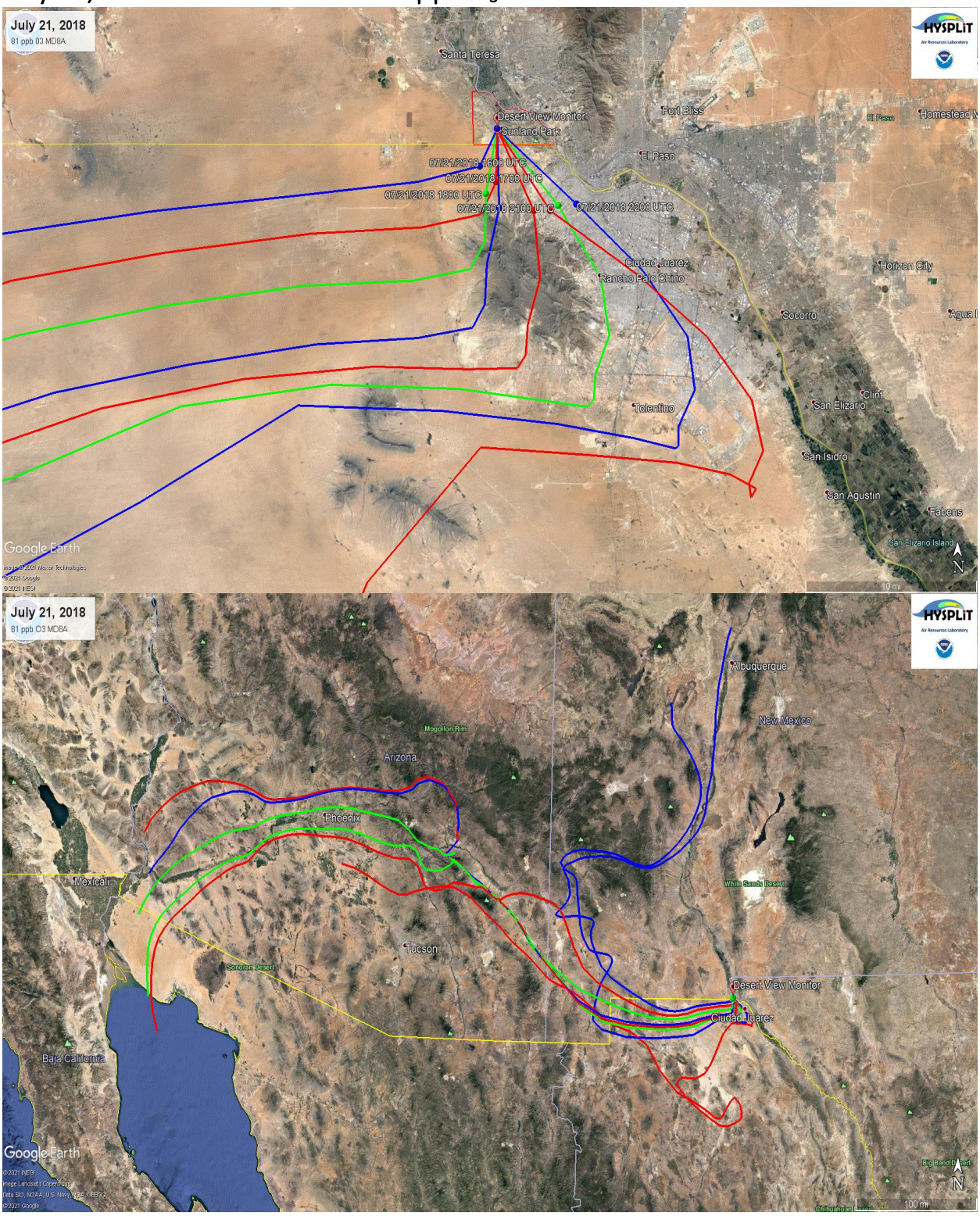
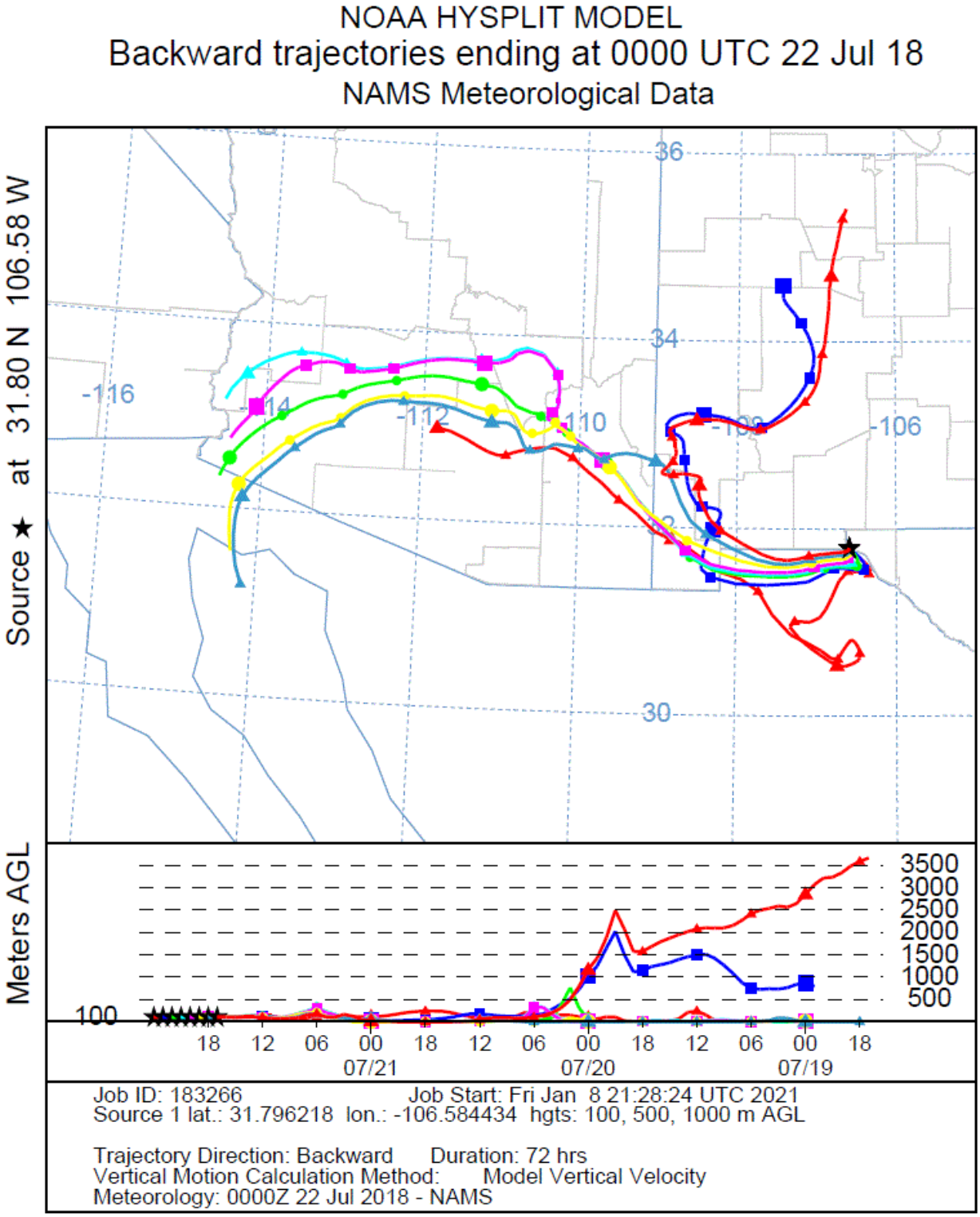
June 4, 2018 82 ppb O_3 MD8A




NOAA HYSPLIT MODEL
Backward trajectories ending at 0000 UTC 05 Jun 18
NAMS Meteorological Data
Source ★ at 31.80 N 106.58 W
-112
-110
-108
-106
-104
-98
-96
32
28
26
24
Meters AGL
5000
4000
3000
2000
1000
100
18 12 06 00 18 12 06 00 18 12 06 00 18
06/04
06/03
06/02
Job ID: 149961 Job Start: Thu Jan 7 21:43:48 UTC 2021
Source 1 lat.: 31.796218 lon.: -106.584434 hgts: 100, 500, 1000 m AGL
Trajectory Direction: Backward Duration: 72 hrs
Vertical Motion Calculation Method: Model Vertical Velocity
Meteorology: 0000Z 5 Jun 2018 - NAMS

July 21, 2018 81 ppb O_3 MD8A




NOAA HYSPLIT MODEL
Backward trajectories ending at 0000 UTC 22 Jul 18
NAMS Meteorological Data
Source ★ at 31.80 N 106.58 W
36
34
30
-116
-114
-112
-110
-106
Meters AGL
3500
3000
2500
2000
1500
1000
500
100
18 12 06 00 18 12 06 00 18 12 06 00 18
07/21
07/20
07/19
Job ID: 183266 Job Start: Fri Jan 8 21:28:24 UTC 2021
Source 1 lat.: 31.796218 lon.: -106.584434 hgts: 100, 500, 1000 m AGL
Trajectory Direction: Backward Duration: 72 hrs
Vertical Motion Calculation Method: Model Vertical Velocity
Meteorology: 0000Z 22 Jul 2018 - NAMS

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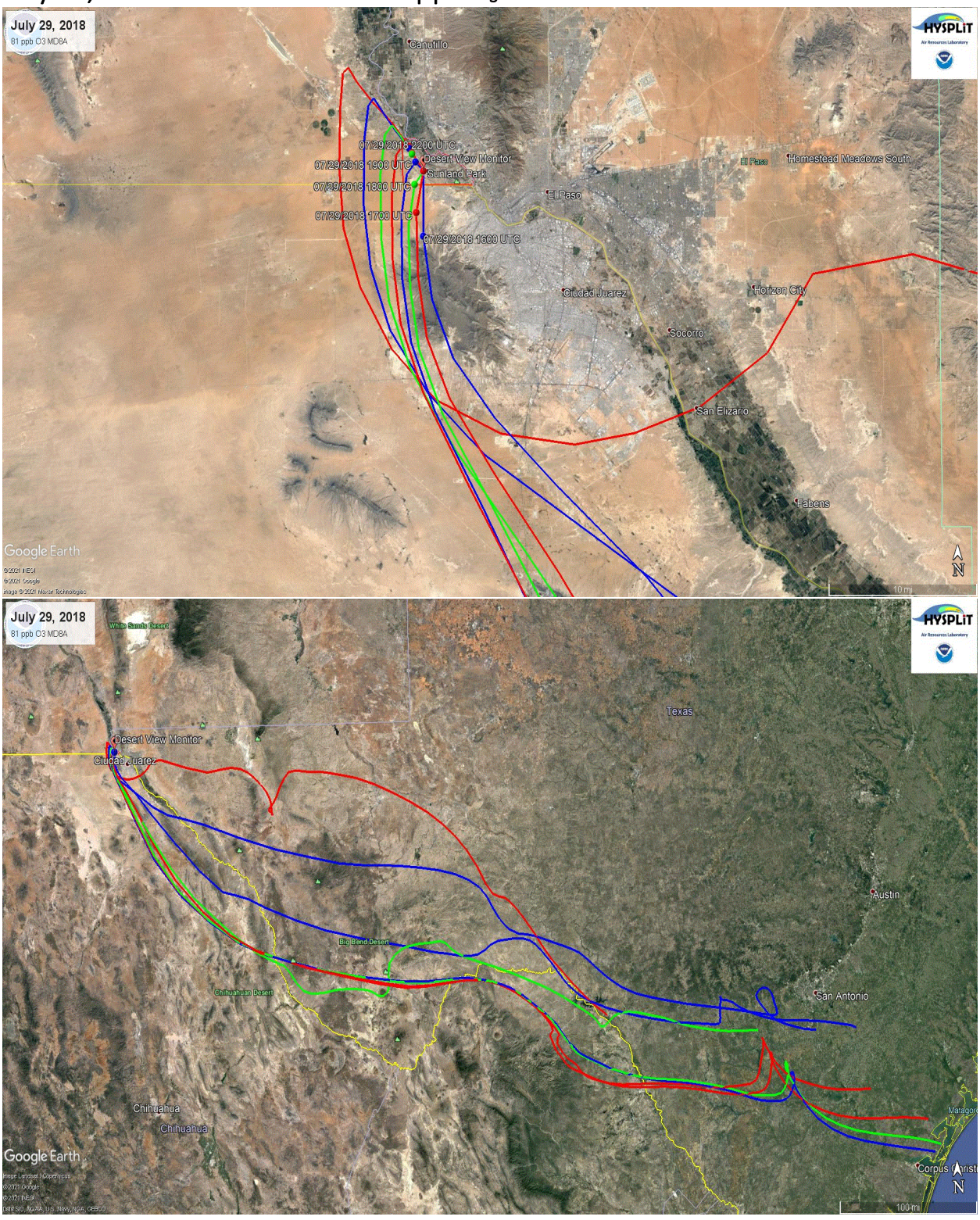

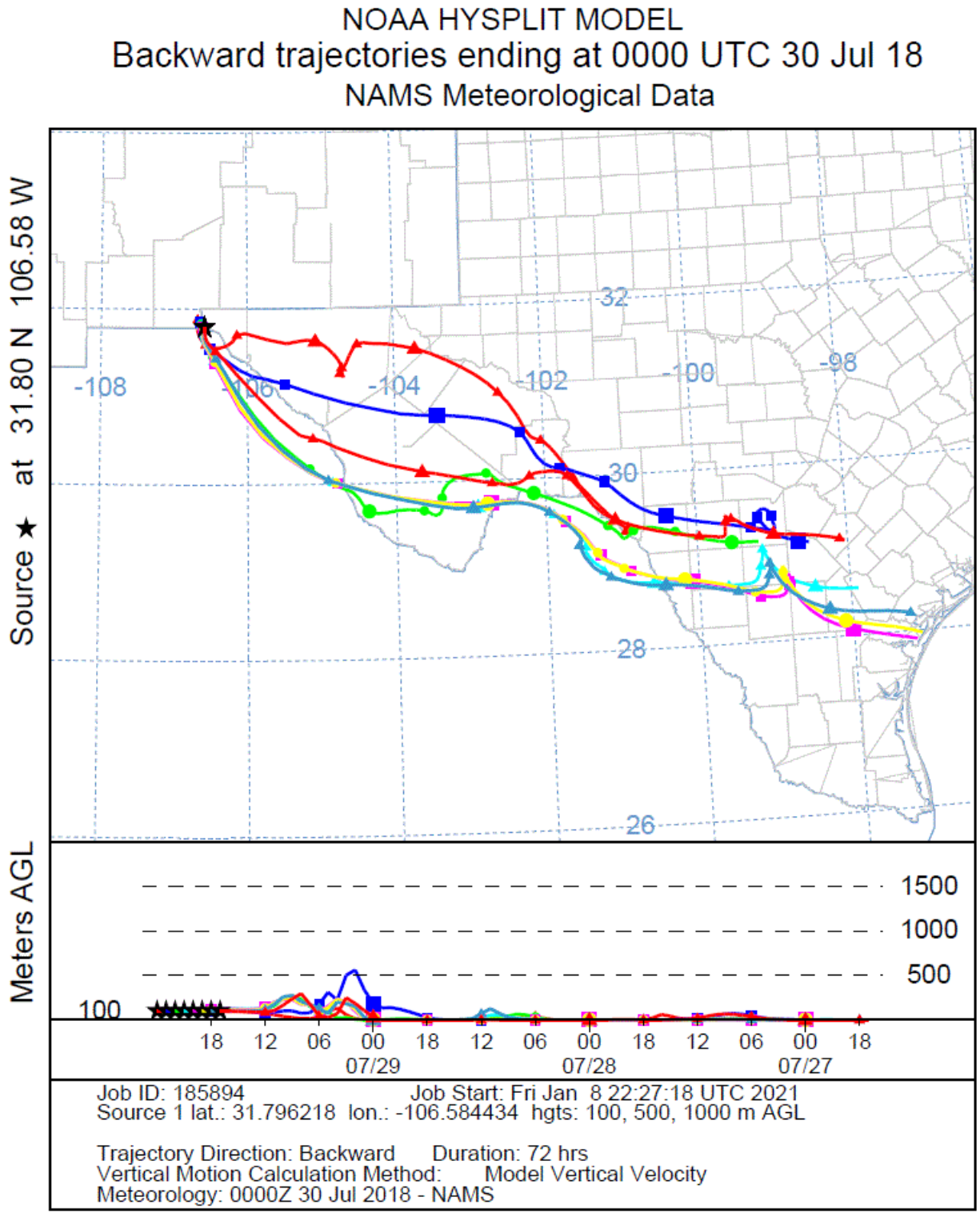
NOAA HYSPLIT MODEL
Backward trajectories ending at 0000 UTC 30 Jul 18
NAMS Meteorological Data
Source ★ at 31.80 N 106.58 W
-108
-106
-104
-102
-100
-98
32
30
28
26
Meters AGL
1500
1000
500
100
18 12 06 00 18 12 06 00 18 12 06 00 18
07/29 07/28 07/27
Job ID: 185894 Job Start: Fri Jan 8 22:27:18 UTC 2021
Source 1 lat.: 31.796218 lon.: -106.584434 hgts: 100, 500, 1000 m AGL
Trajectory Direction: Backward Duration: 72 hrs
Vertical Motion Calculation Method: Model Vertical Velocity
Meteorology: 0000Z 30 Jul 2018 - NAMS

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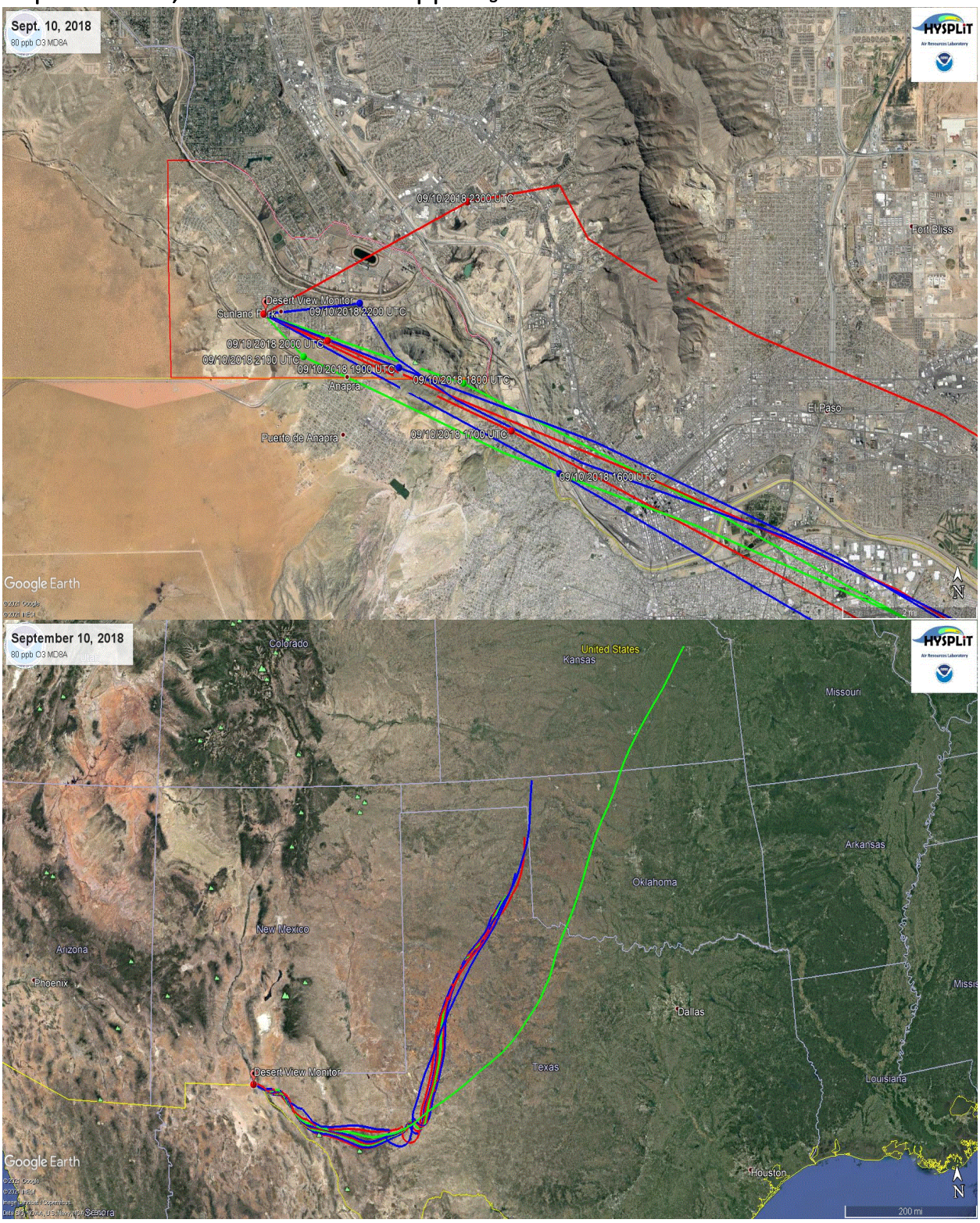

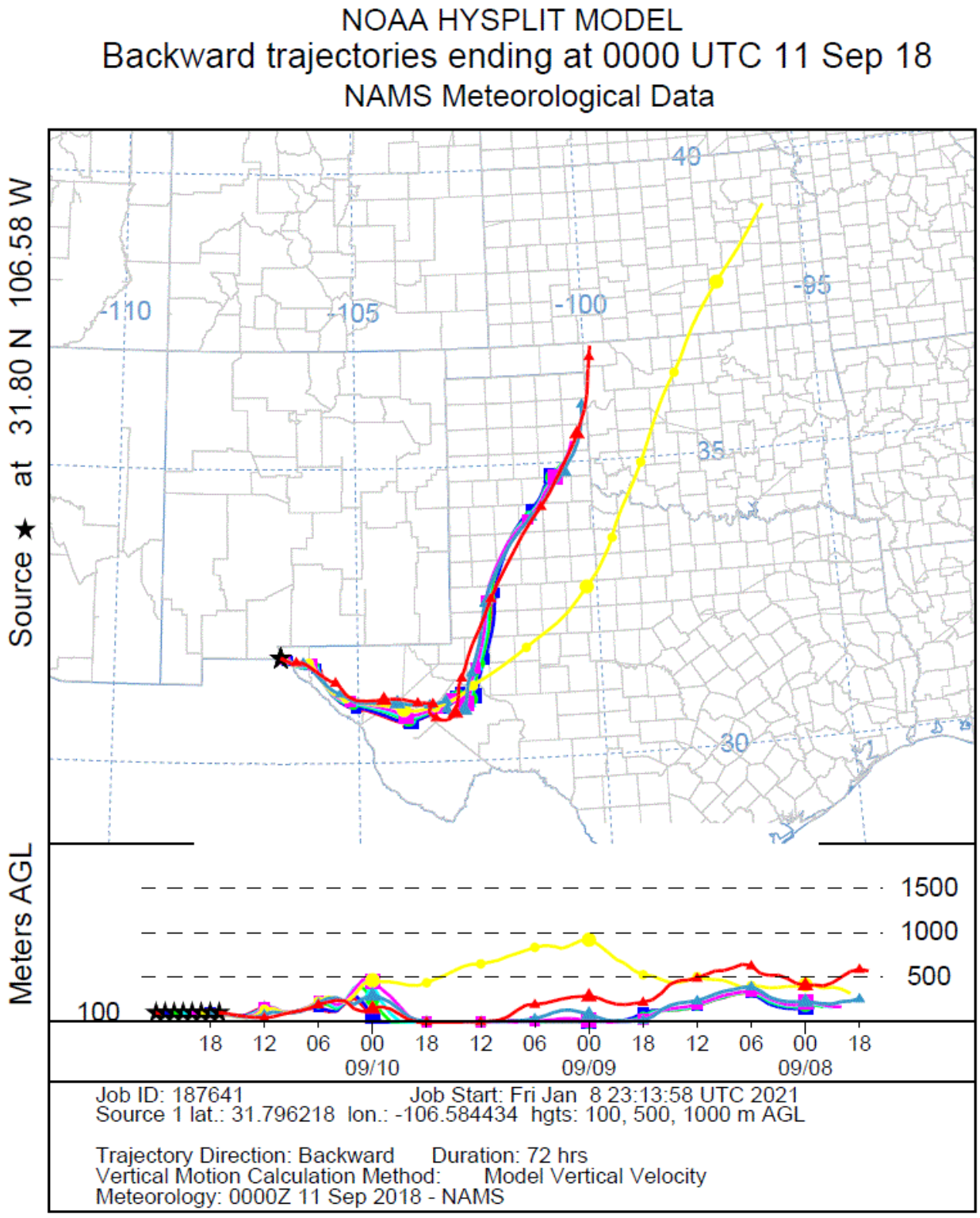
NOAA HYSPLIT MODEL
Backward trajectories ending at 0000 UTC 11 Sep 18
NAMS Meteorological Data
Source ★ at 31.80 N 106.58 W
Meters AGL
40
-110
-105
-100
-95
35
30
1500
1000
500
100
18 12 06 00 18 12 06 00 18 12 06 00 18
09/10 09/09 09/08
Job ID: 187641 Job Start: Fri Jan 8 23:13:58 UTC 2021
Source 1 lat.: 31.796218 lon.: -106.584434 hgts: 100, 500, 1000 m AGL
Trajectory Direction: Backward Duration: 72 hrs
Vertical Motion Calculation Method: Model Vertical Velocity
Meteorology: 0000Z 11 Sep 2018 - NAMS

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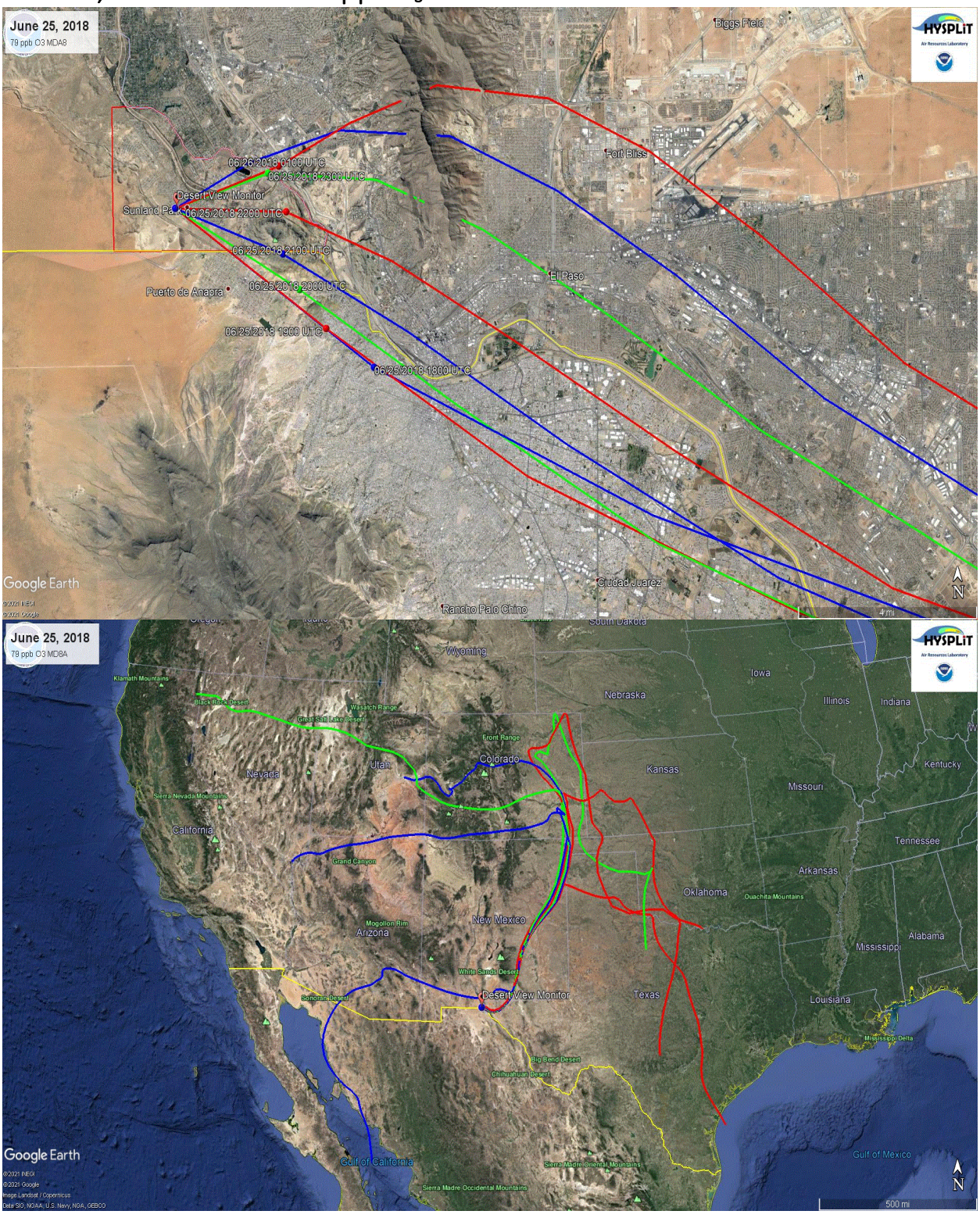
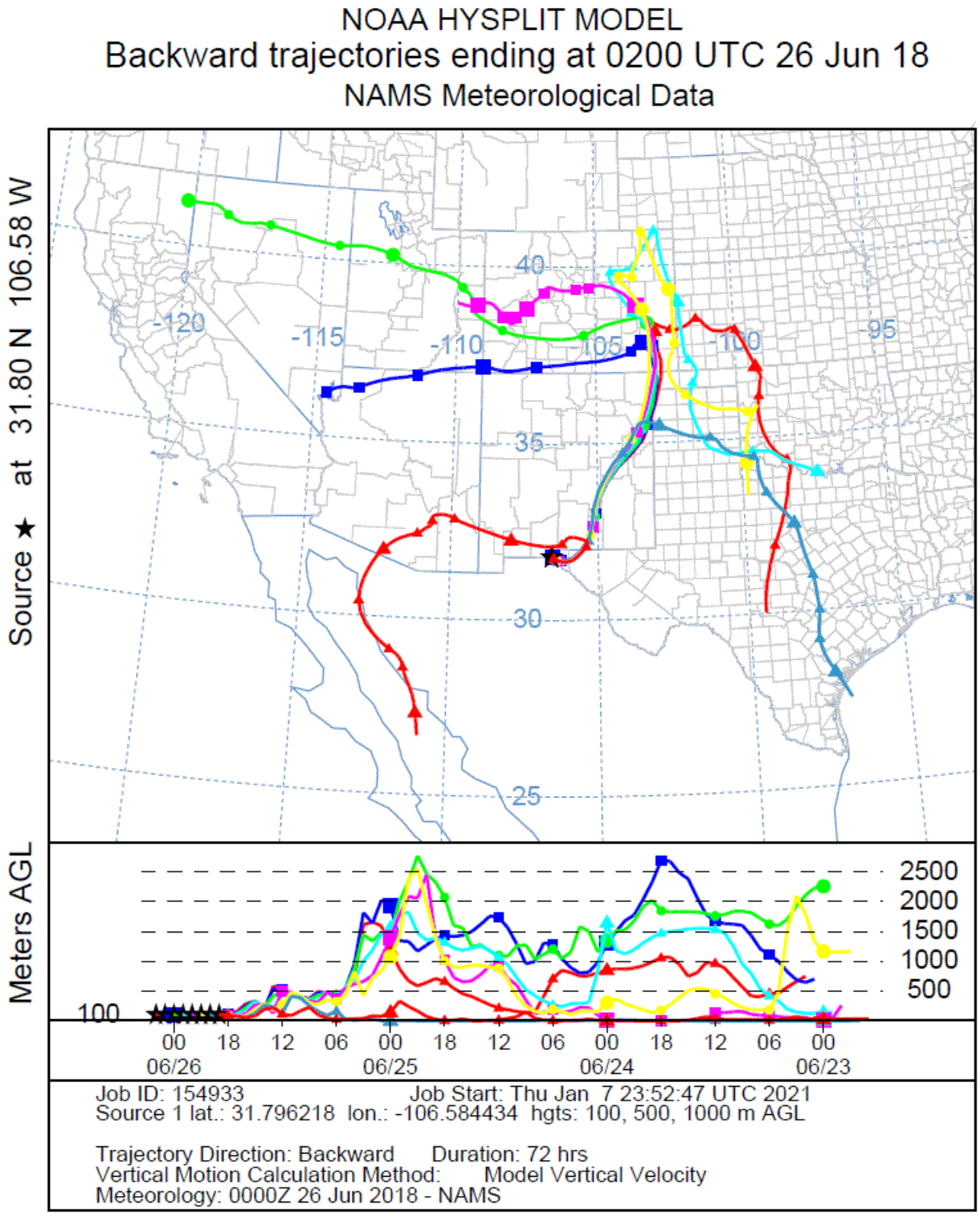
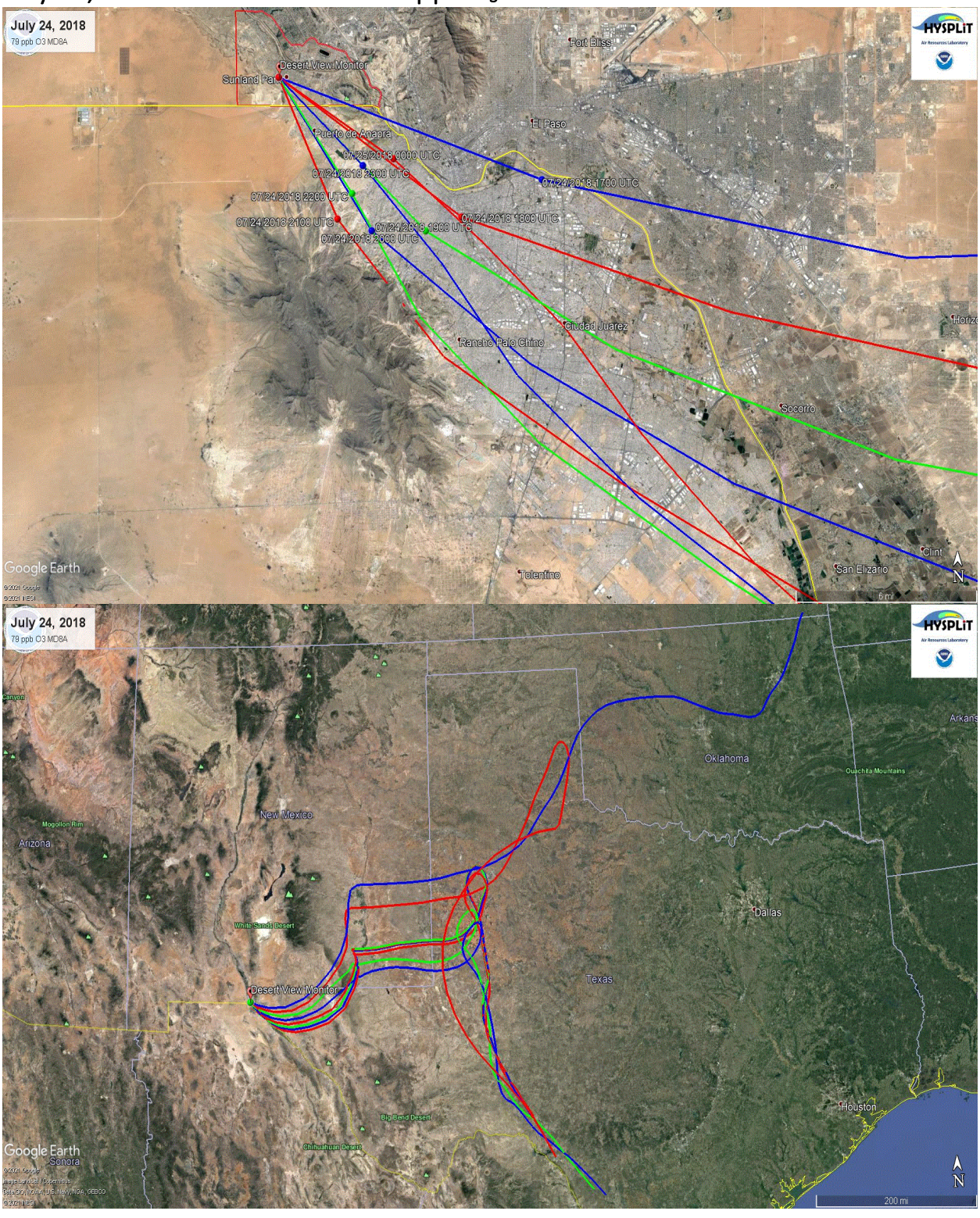
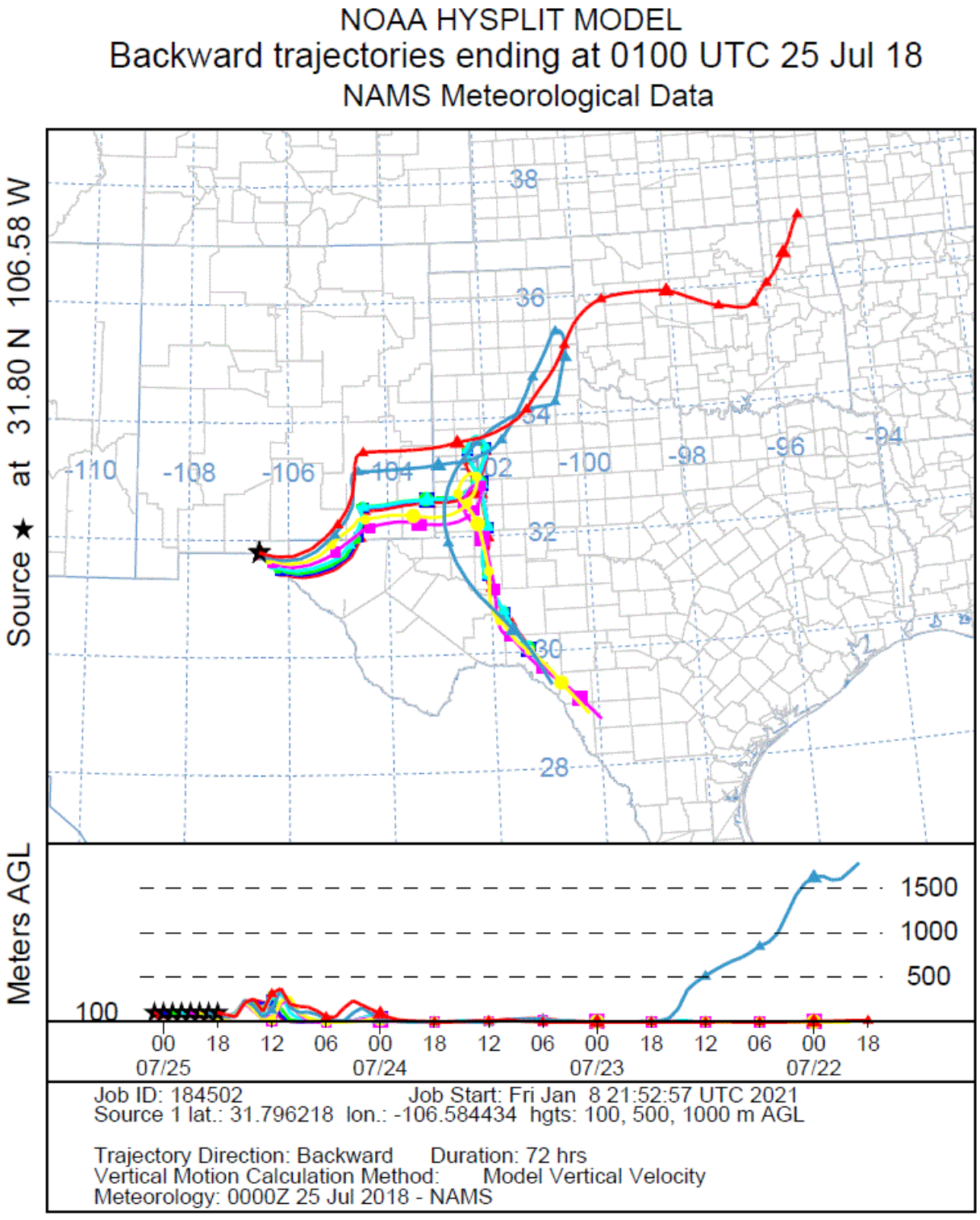


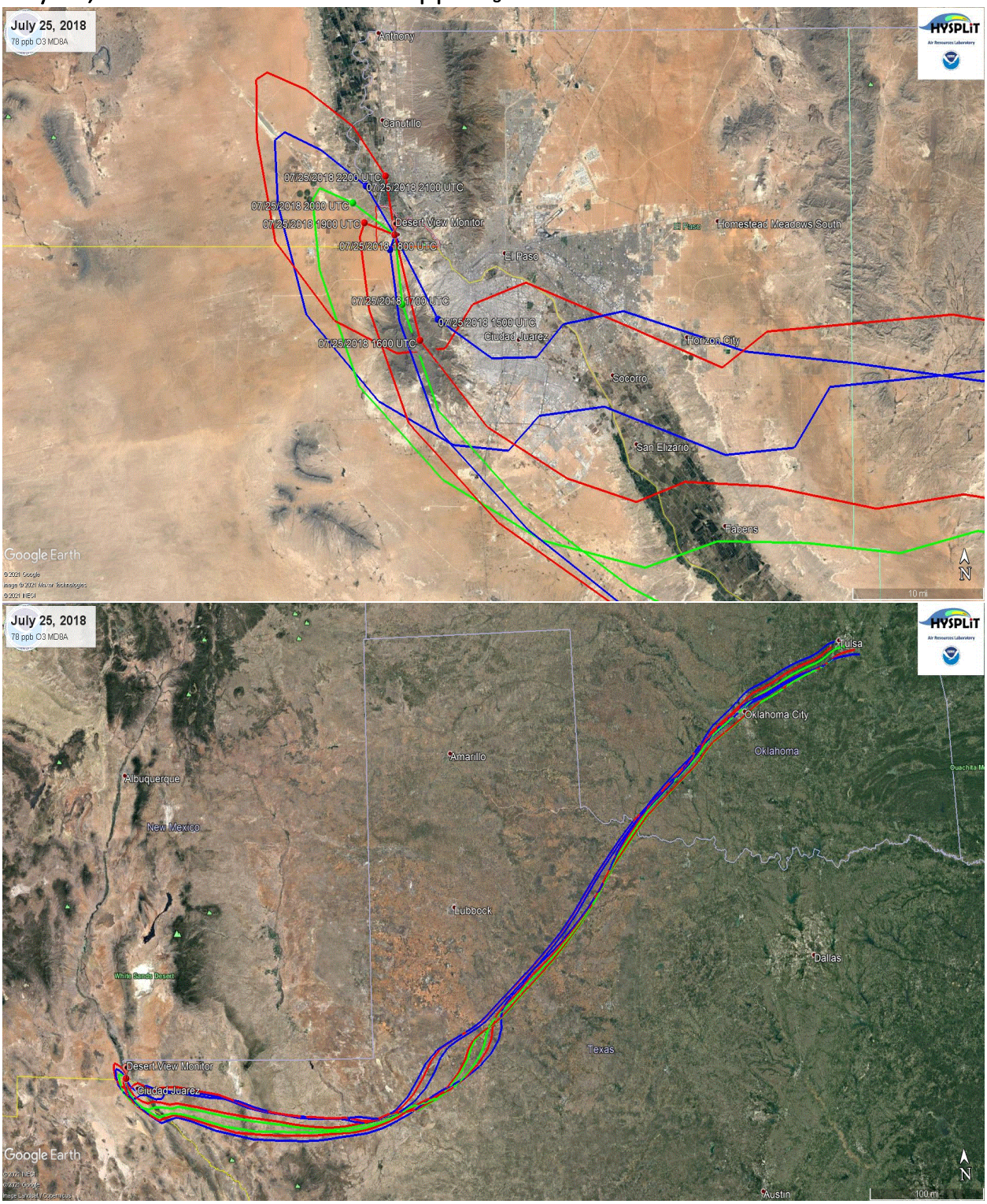

NOAA HYSPLIT MODEL
Backward trajectories ending at 0200 UTC 26 Jun 18
NAMS Meteorological Data
Source ★ at 31.80 N 106.58 W
-120
-115
-110
-105
-100
-95
40
35
30
25
Meters AGL
2500
2000
1500
1000
500
100
00 18 12 06 00 18 12 06 00 18 12 06 00
06/26 06/25 06/24 06/23
Job ID: 154933 Job Start: Thu Jan 7 23:52:47 UTC 2021
Source 1 lat.: 31.796218 lon.: -106.584434 hgts: 100, 500, 1000 m AGL
Trajectory Direction: Backward Duration: 72 hrs
Vertical Motion Calculation Method: Model Vertical Velocity
Meteorology: 0000Z 26 Jun 2018 - NAMS

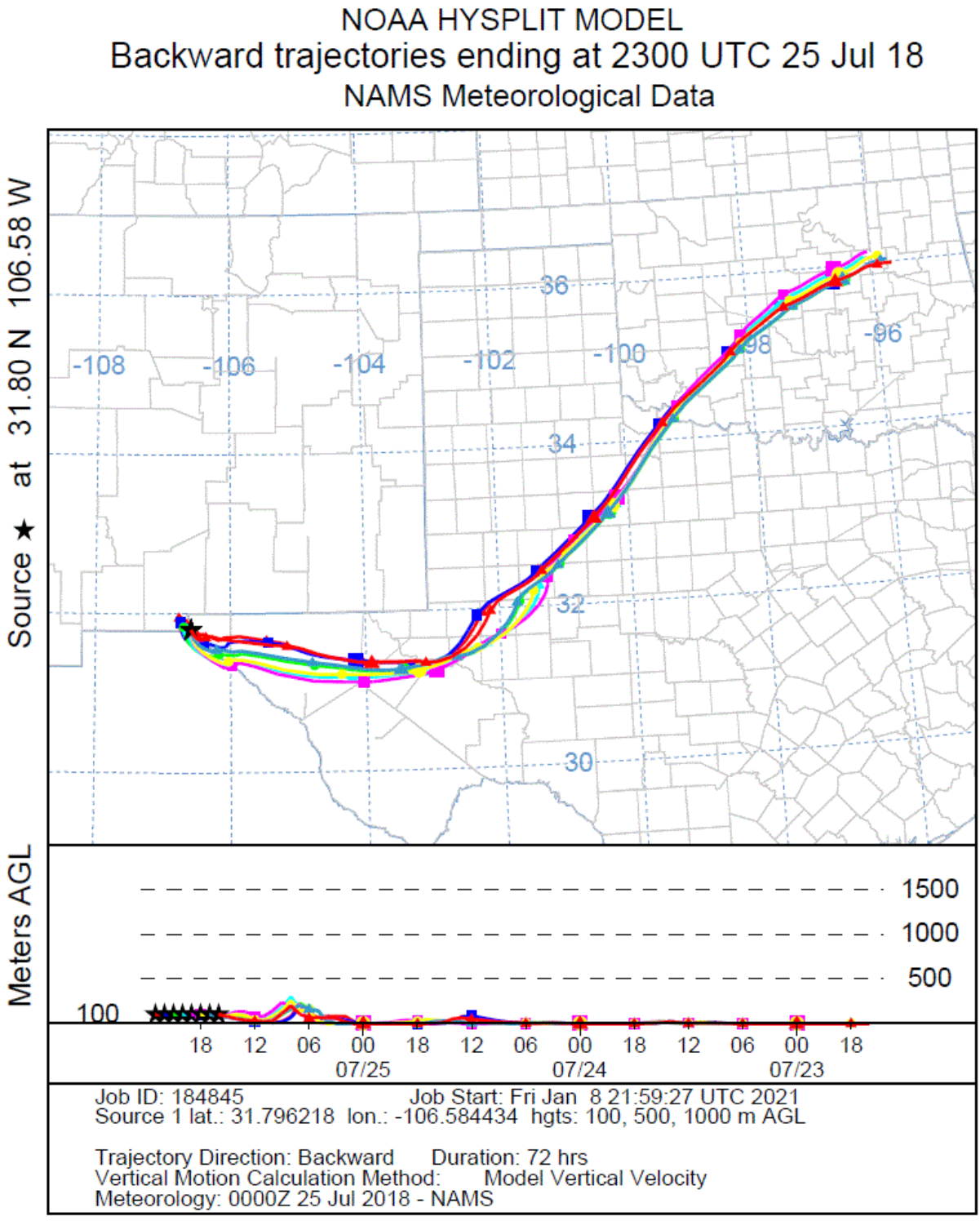
July 24, 2018 79 ppb O_3 MD8A




NOAA HYSPLIT MODEL
Backward trajectories ending at 0100 UTC 25 Jul 18
NAMS Meteorological Data
Source ★ at 31.80 N 106.58 W
38
36
34
32
30
28
-110
-108
-106
-104
-102
-100
-98
-96
-94
Meters AGL
1500
1000
500
100
00 18 12 06 00 18 12 06 00 18 12 06 00 18
07/25 07/24 07/23 07/22
Job ID: 184502 Job Start: Fri Jan 8 21:52:57 UTC 2021
Source 1 lat.: 31.796218 lon.: -106.584434 hgts: 100, 500, 1000 m AGL
Trajectory Direction: Backward Duration: 72 hrs
Vertical Motion Calculation Method: Model Vertical Velocity
Meteorology: 0000Z 25 Jul 2018 - NAMS

July 25, 2018 78 ppb O_3 MD8A




NOAA HYSPLIT MODEL
Backward trajectories ending at 2300 UTC 25 Jul 18
NAMS Meteorological Data
Source ★ at 31.80 N 106.58 W
-108
-106
-104
-102
-100
-98
-96
36
34
32
30
Meters AGL
1500
1000
500
100
18 12 06 00 18 12 06 00 18 12 06 00 18
07/25
07/24
07/23
Job ID: 184845 Job Start: Fri Jan 8 21:59:27 UTC 2021
Source 1 lat.: 31.796218 lon.: -106.584434 hgts: 100, 500, 1000 m AGL
Trajectory Direction: Backward Duration: 72 hrs
Vertical Motion Calculation Method: Model Vertical Velocity
Meteorology: 0000Z 25 Jul 2018 - NAMS

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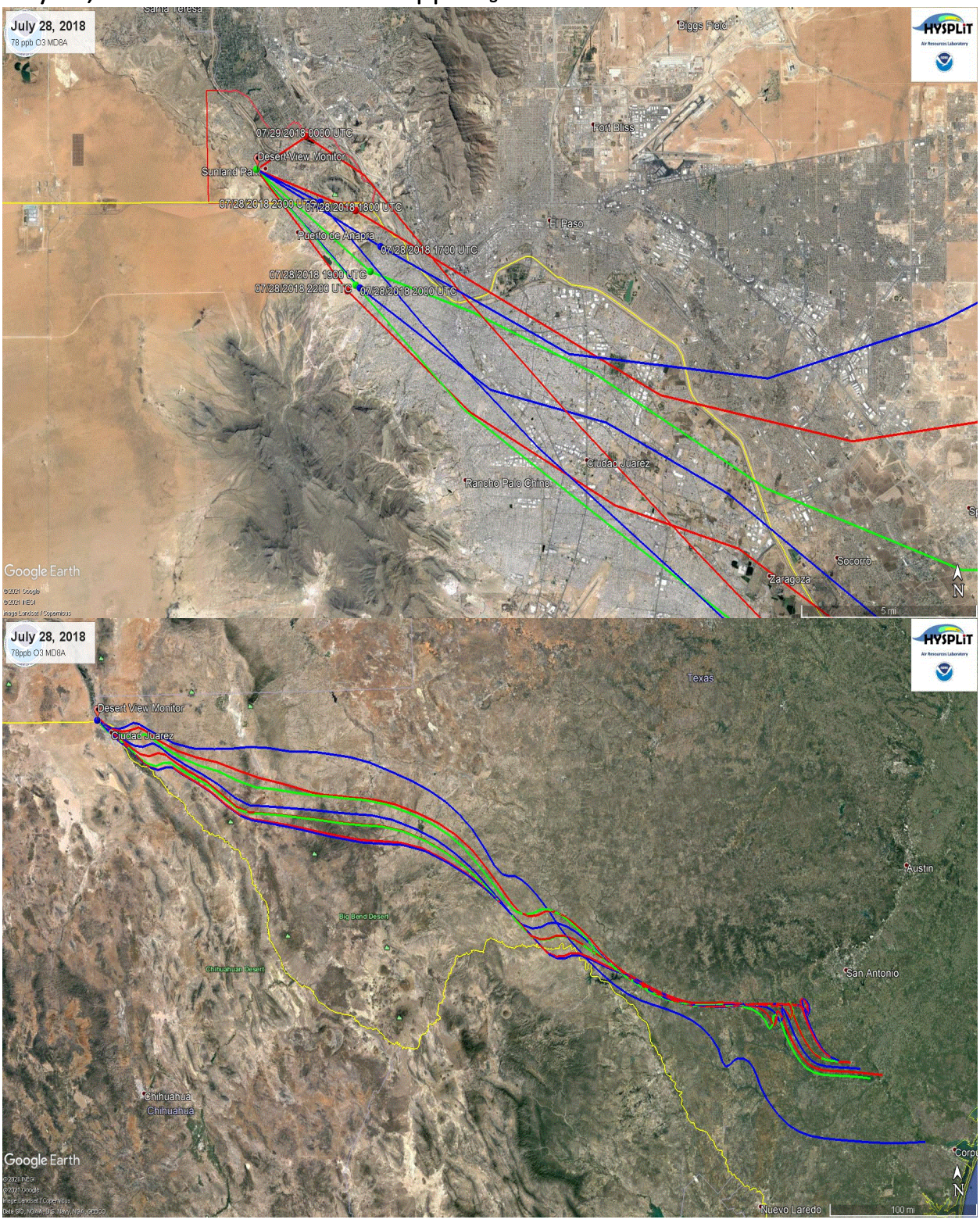

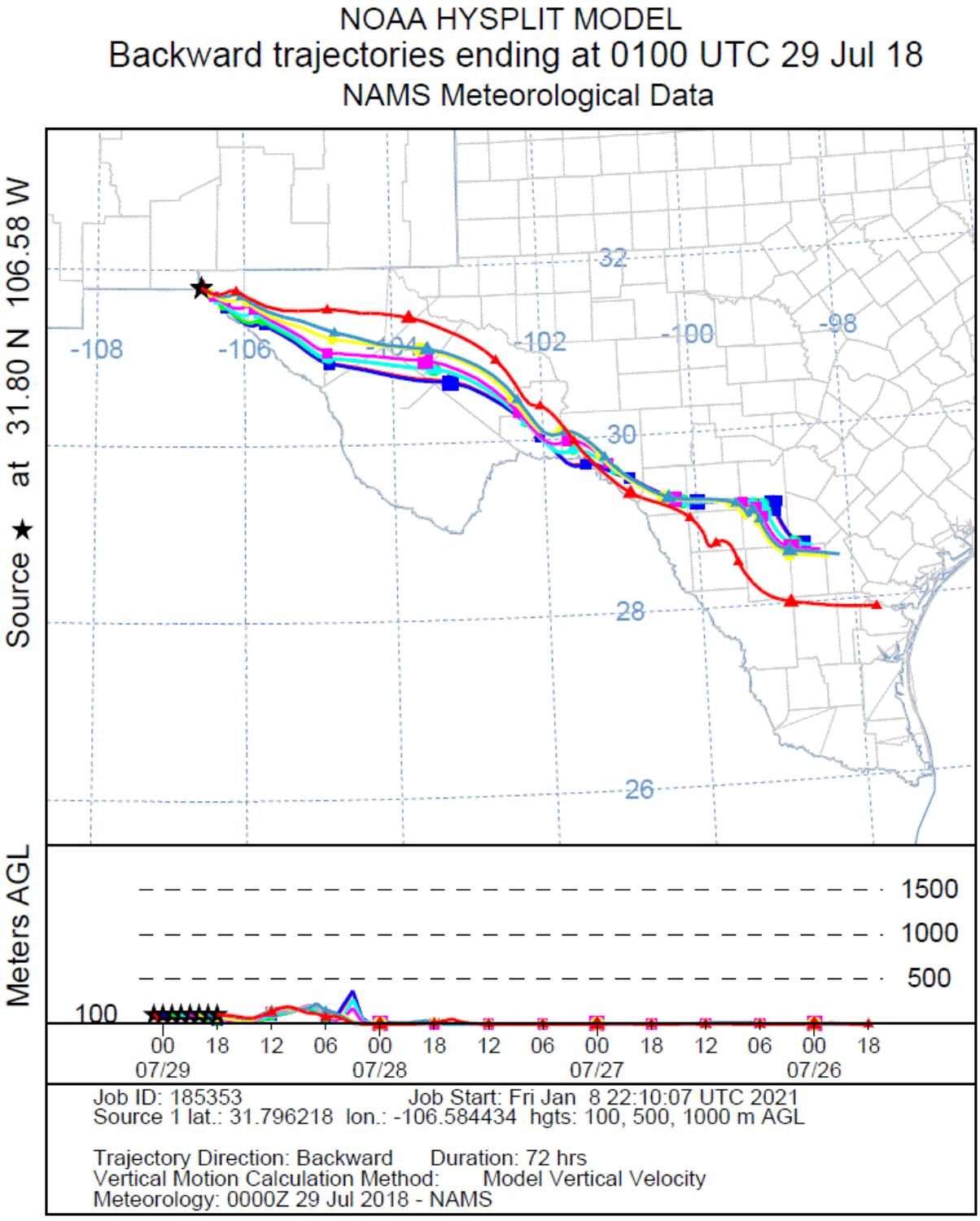
NOAA HYSPLIT MODEL
Backward trajectories ending at 0100 UTC 29 Jul 18
NAMS Meteorological Data
Source ★ at 31.80 N 106.58 W
-108
-106
-104
-102
-100
-98
32
30
28
26
Meters AGL
1500
1000
500
100
00 18 12 06 00 18 12 06 00 18 12 06 00 18
07/29 07/28 07/27 07/26
Job ID: 185353 Job Start: Fri Jan 8 22:10:07 UTC 2021
Source 1 lat.: 31.796218 lon.: -106.584434 hgts: 100, 500, 1000 m AGL
Trajectory Direction: Backward Duration: 72 hrs
Vertical Motion Calculation Method: Model Vertical Velocity
Meteorology: 0000Z 29 Jul 2018 - NAMS

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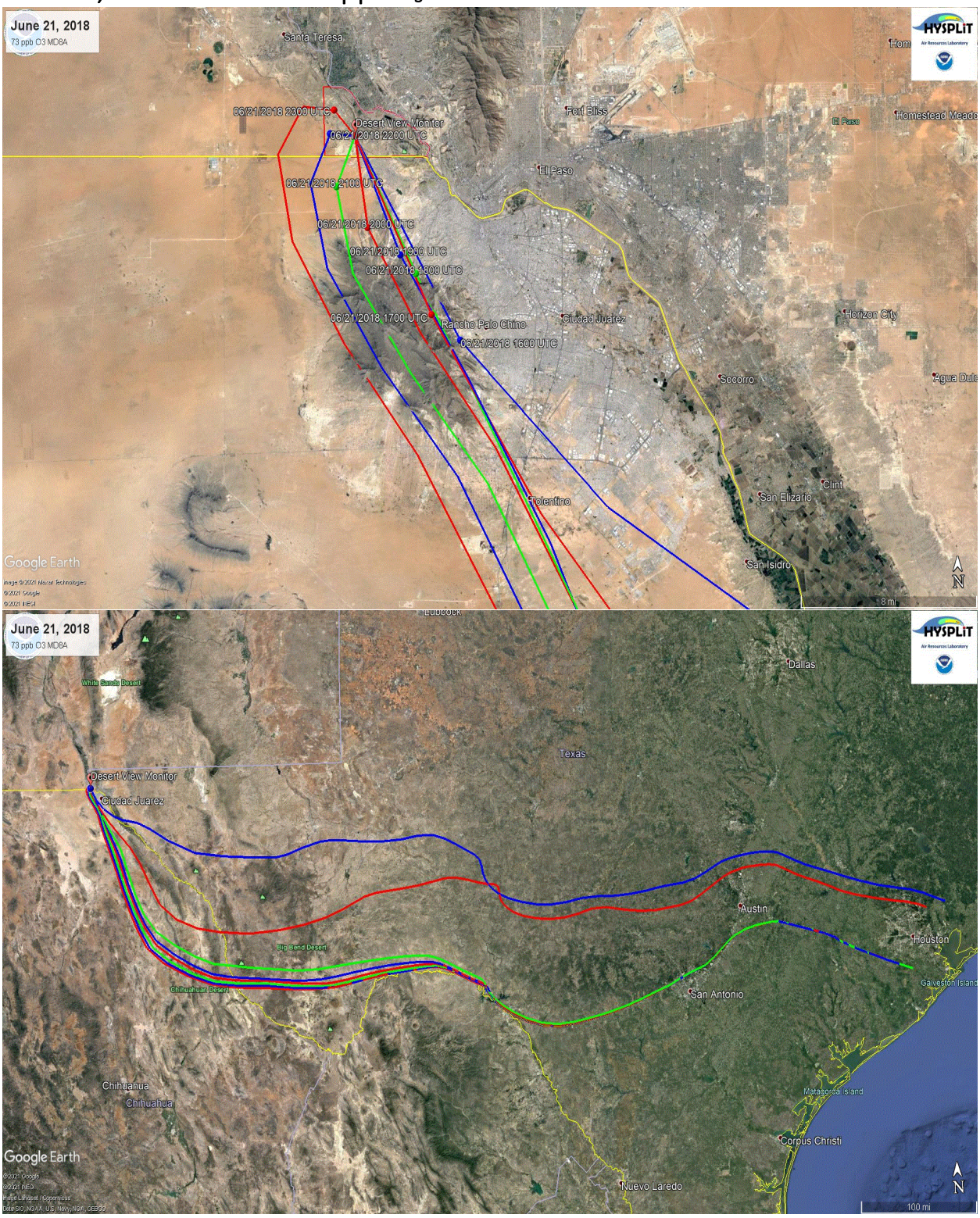

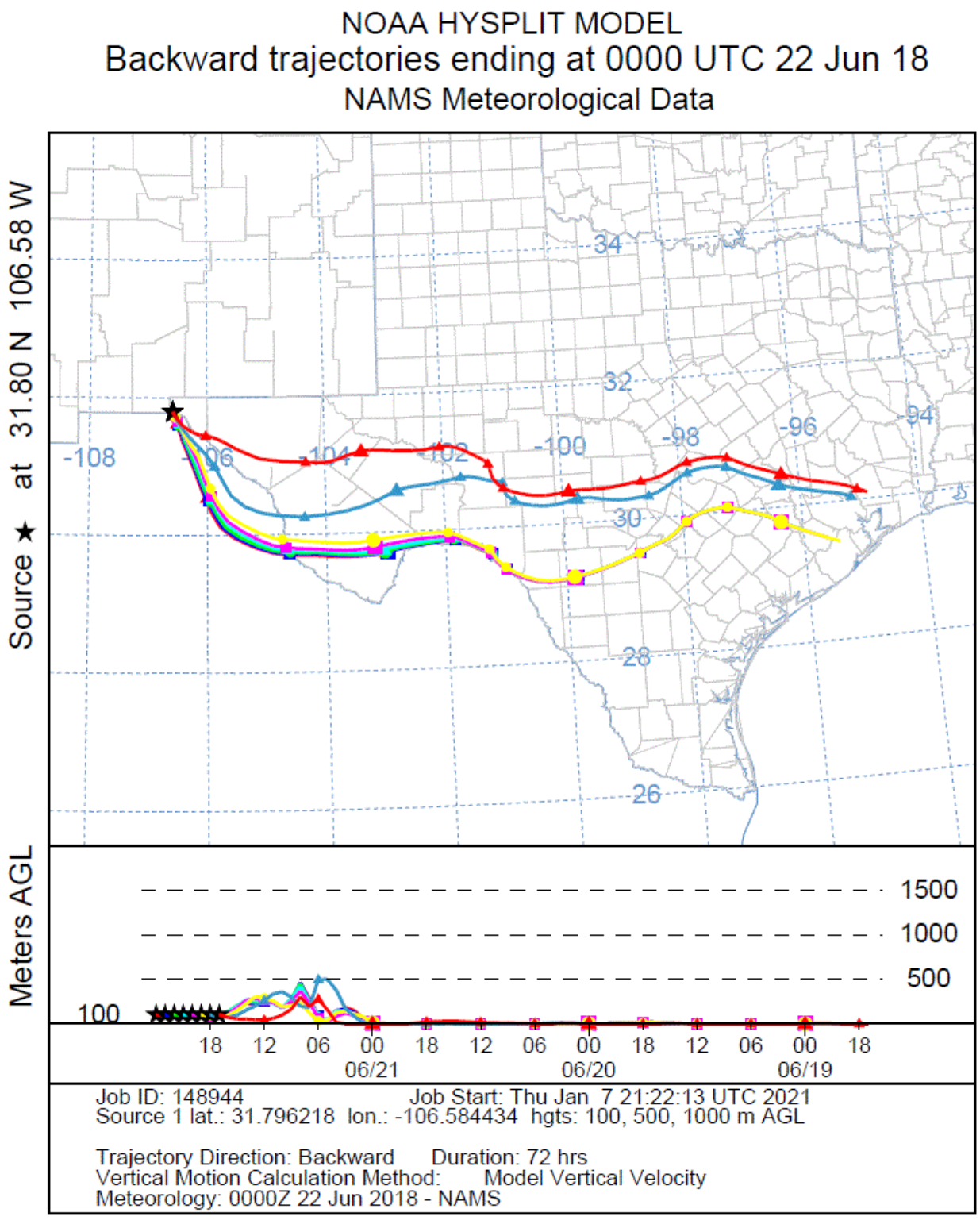
NOAA HYSPLIT MODEL
Backward trajectories ending at 0000 UTC 22 Jun 18
NAMS Meteorological Data
Source ★ at 31.80 N 106.58 W
-108
-106
-104
-102
-100
-98
-96
-94
34
32
30
28
26
Meters AGL
1500
1000
500
100
18 12 06 00 18 12 06 00 18 12 06 00 18
06/21 06/20 06/19
Job ID: 148944 Job Start: Thu Jan 7 21:22:13 UTC 2021
Source 1 lat.: 31.796218 lon.: -106.584434 hgts: 100, 500, 1000 m AGL
Trajectory Direction: Backward Duration: 72 hrs
Vertical Motion Calculation Method: Model Vertical Velocity
Meteorology: 0000Z 22 Jun 2018 - NAMS

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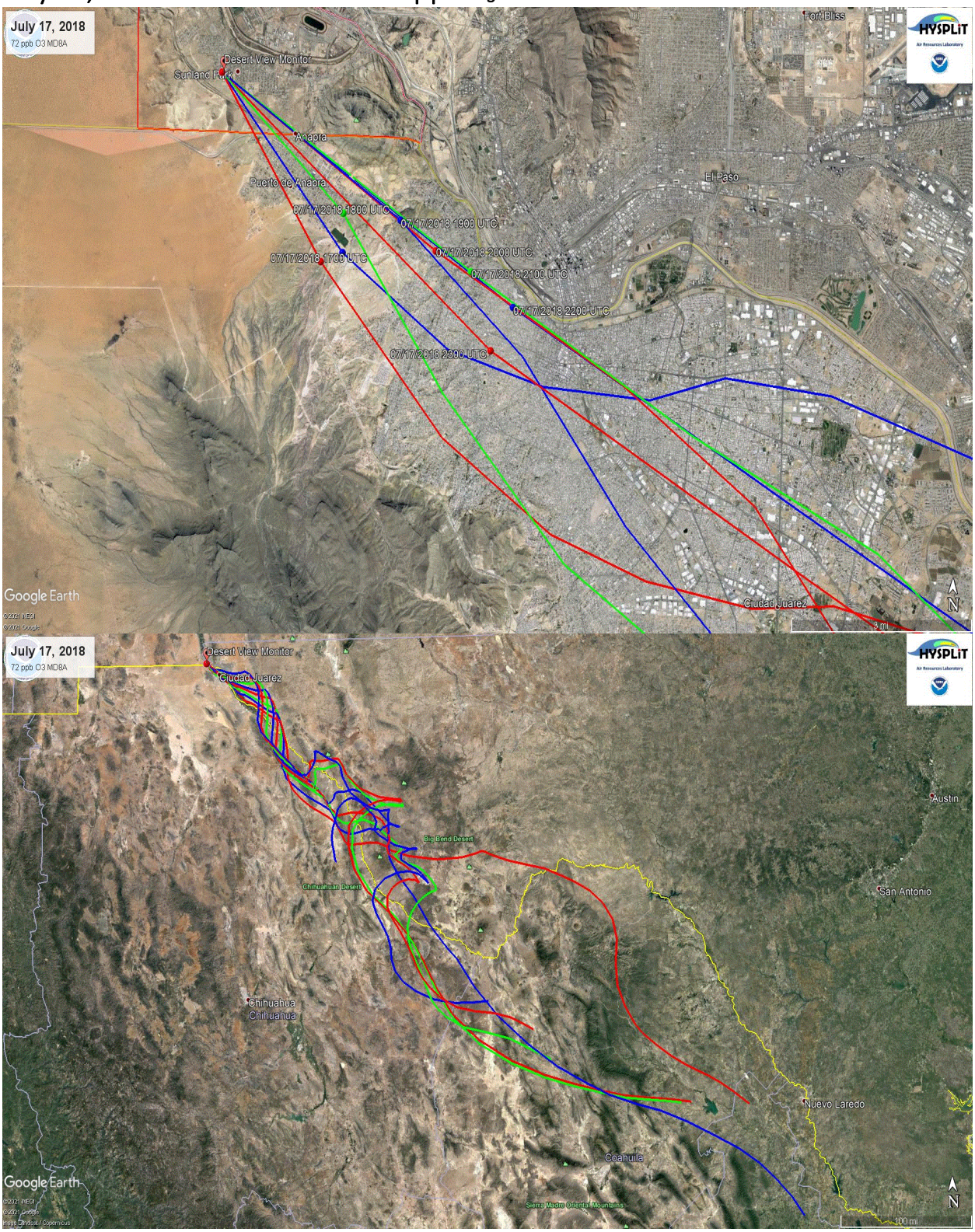
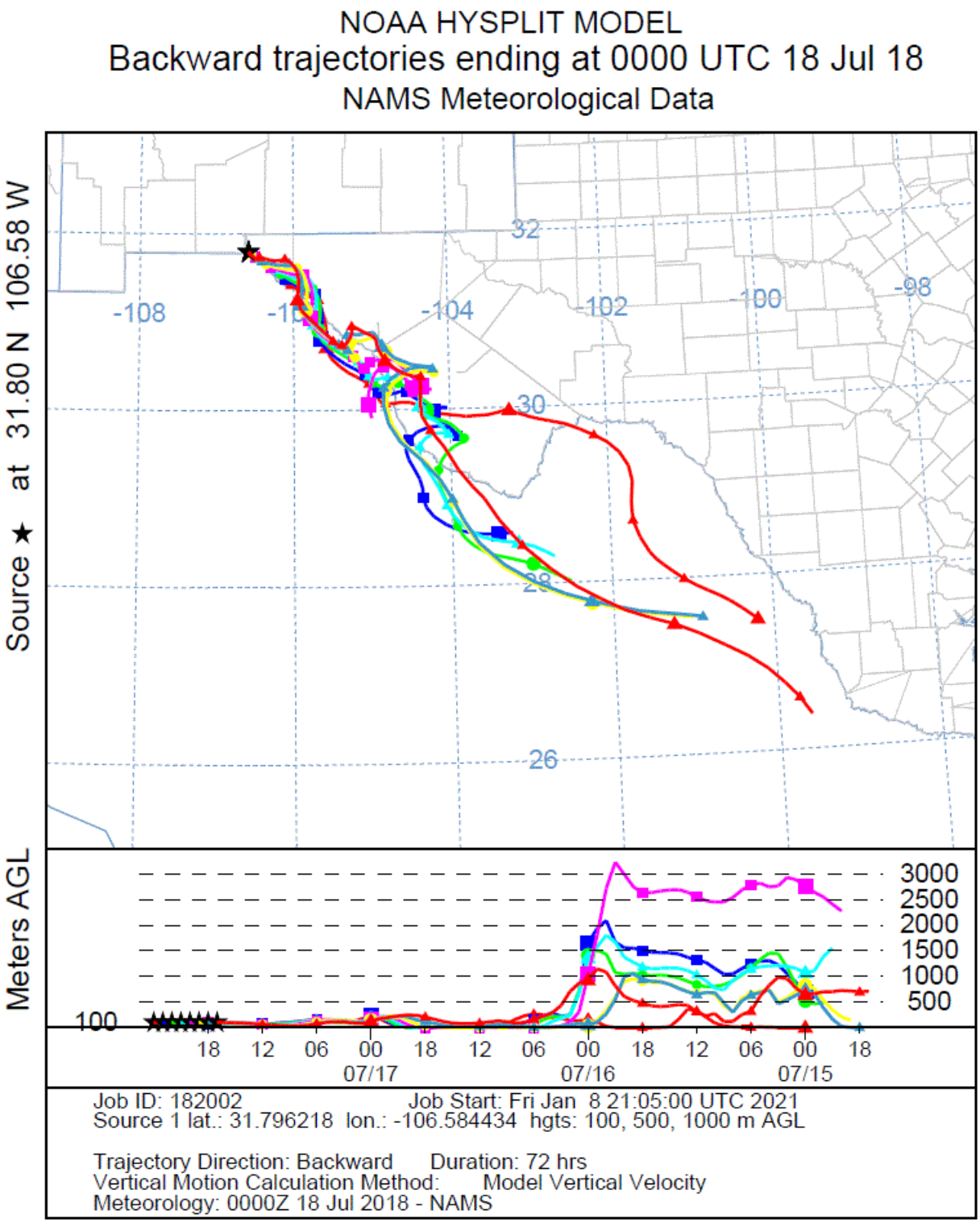
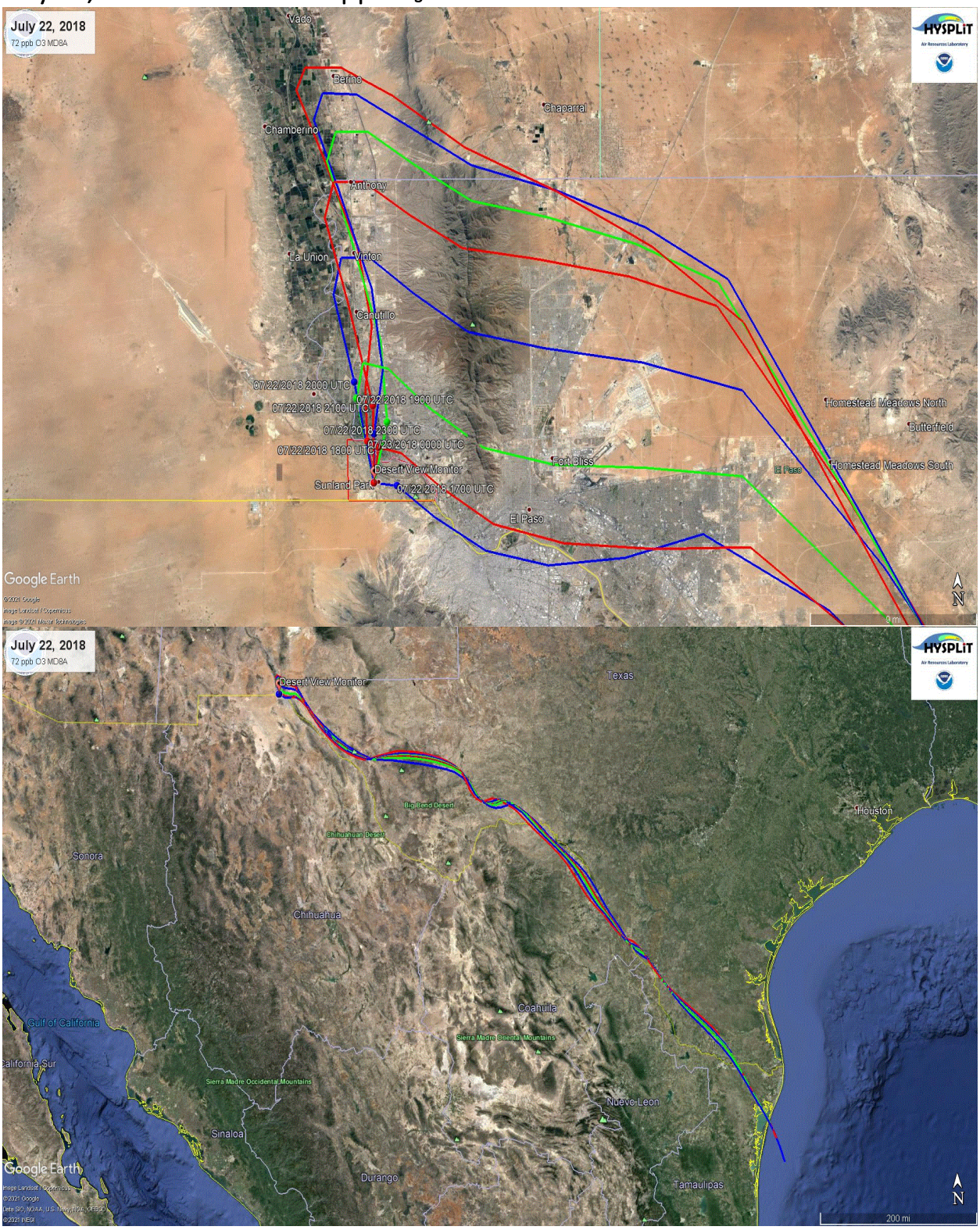
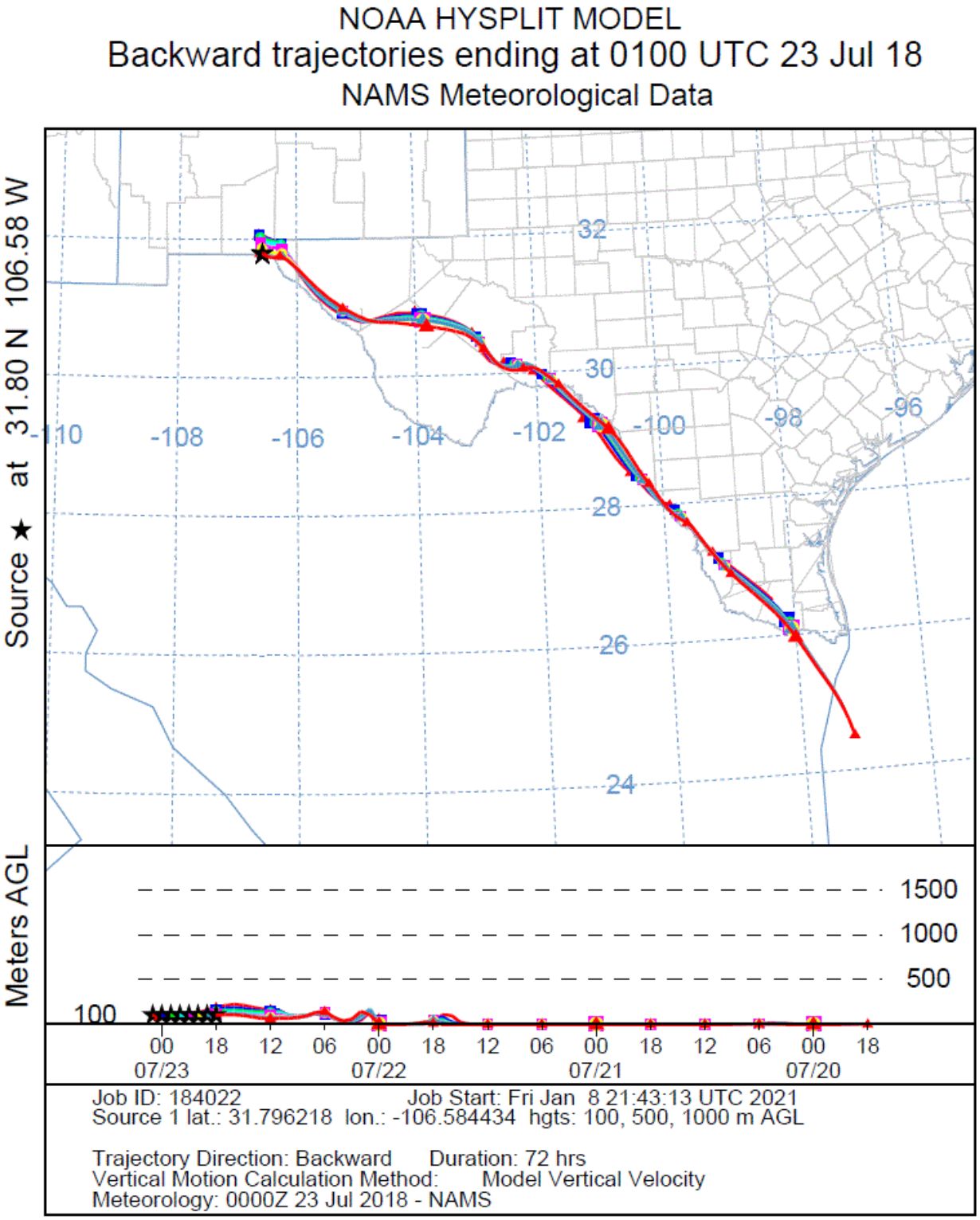


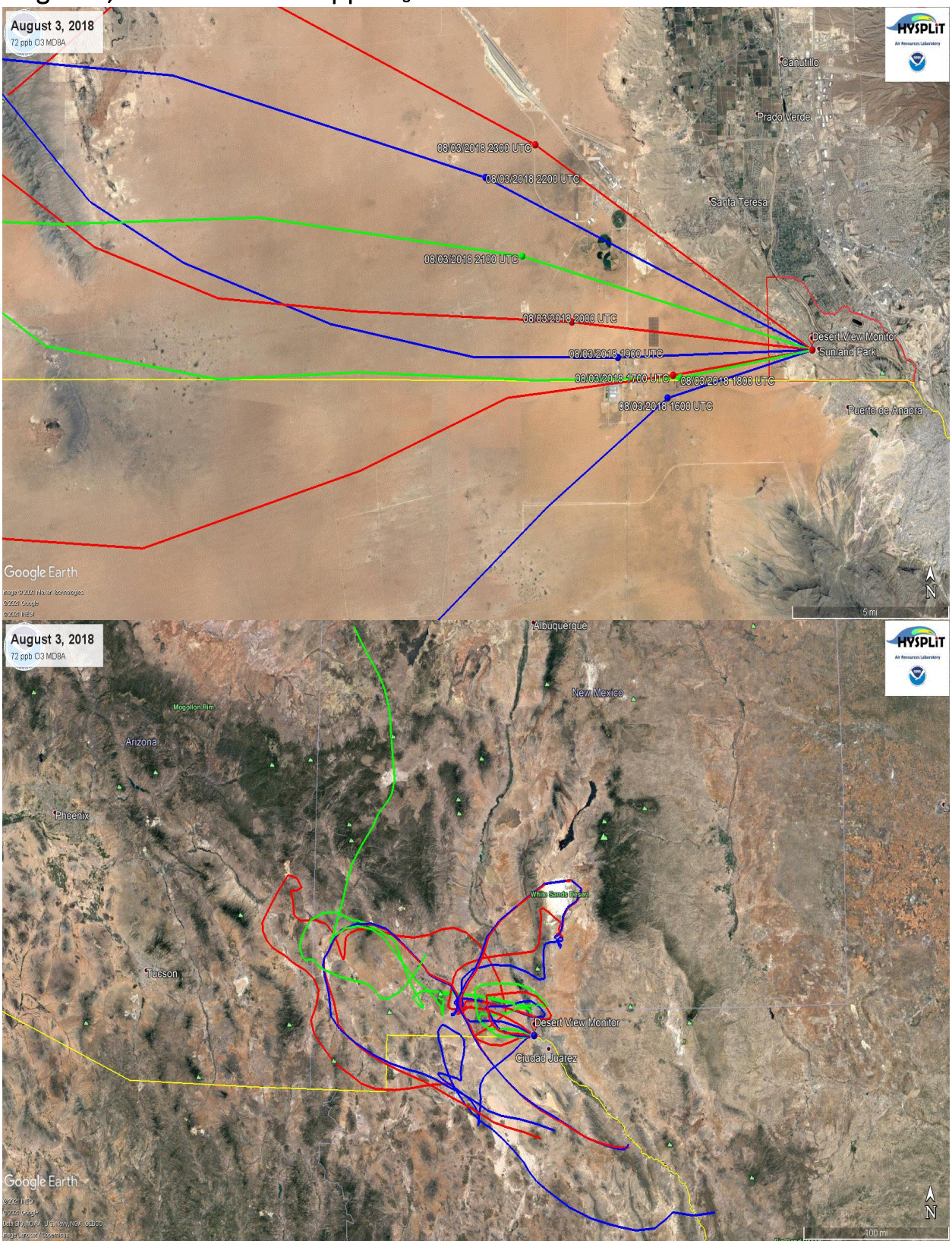

NOAA HYSPLIT MODEL
Backward trajectories ending at 0000 UTC 18 Jul 18
NAMS Meteorological Data
Source ★ at 31.80 N 106.58 W
-108
-104
-102
-100
-98
32
30
26
Meters AGL
3000
2500
2000
1500
1000
500
100
18 12 06 00 18 12 06 00 18 12 06 00 18
07/17
07/16
07/15
Job ID: 182002 Job Start: Fri Jan 8 21:05:00 UTC 2021
Source 1 lat.: 31.796218 lon.: -106.584434 hgts: 100, 500, 1000 m AGL
Trajectory Direction: Backward Duration: 72 hrs
Vertical Motion Calculation Method: Model Vertical Velocity
Meteorology: 0000Z 18 Jul 2018 - NAMS

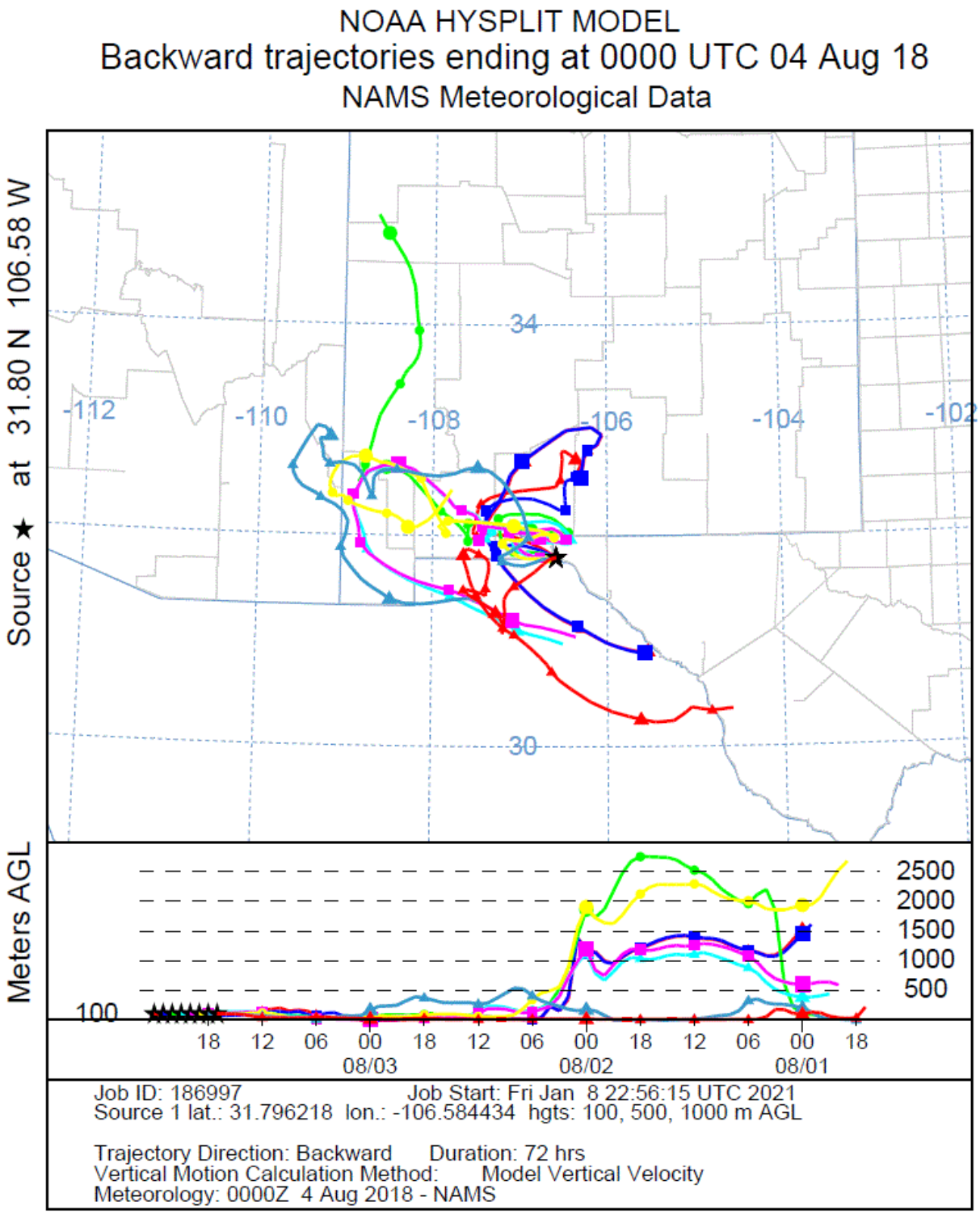
July 22, 2018 72 ppb O_3 MD8A



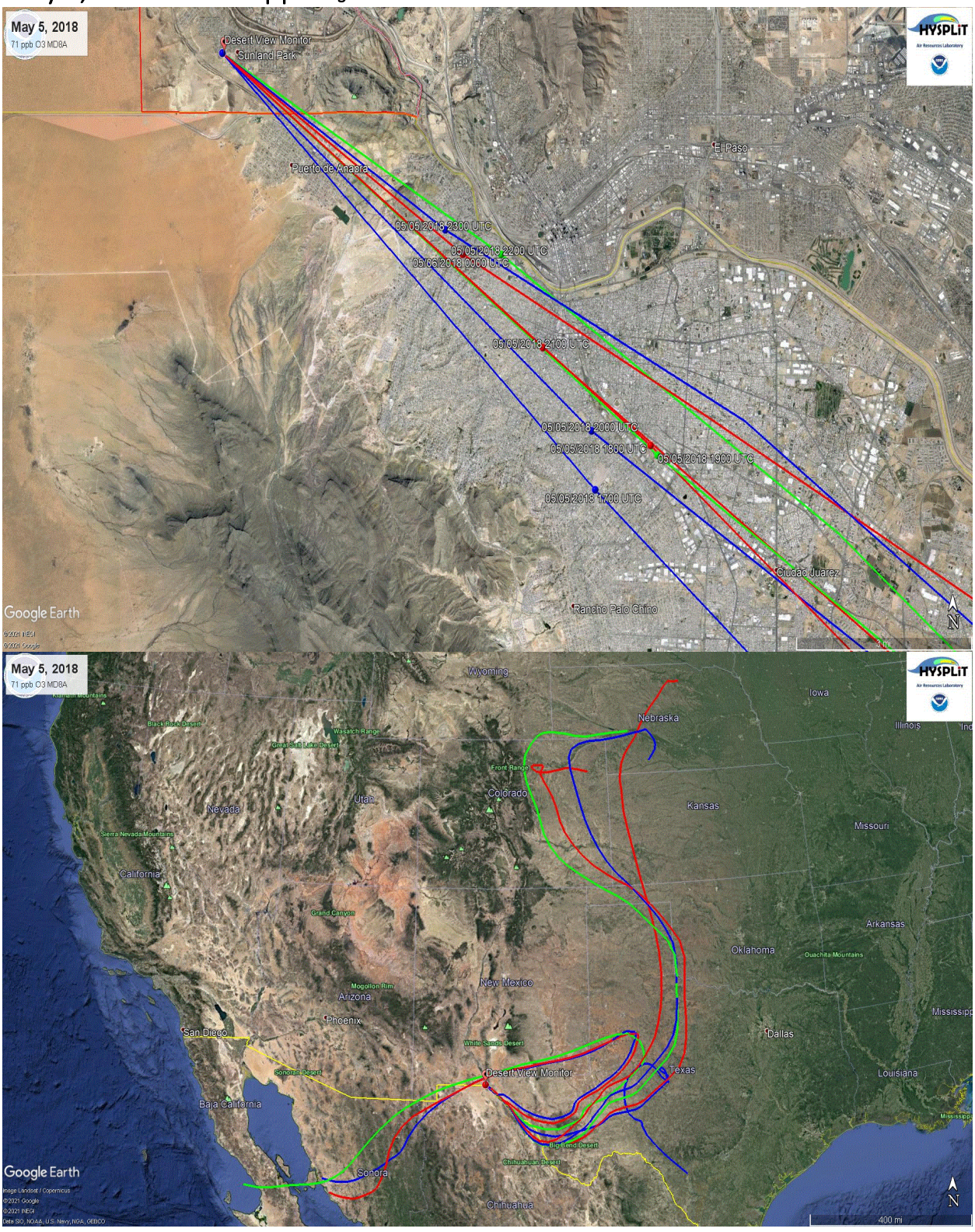

NOAA HYSPLIT MODEL
Backward trajectories ending at 0100 UTC 23 Jul 18
NAMS Meteorological Data
Source ★ at 31.80 N 106.58 W
32
30
28
26
24
-110
-108
-106
-104
-102
-100
-98
-96
Meters AGL
1500
1000
500
100
00 18 12 06 00 18 12 06 00 18 12 06 00 18
07/23 07/22 07/21 07/20
Job ID: 184022 Job Start: Fri Jan 8 21:43:13 UTC 2021
Source 1 lat.: 31.796218 lon.: -106.584434 hgts: 100, 500, 1000 m AGL
Trajectory Direction: Backward Duration: 72 hrs
Vertical Motion Calculation Method: Model Vertical Velocity
Meteorology: 0000Z 23 Jul 2018 - NAMS

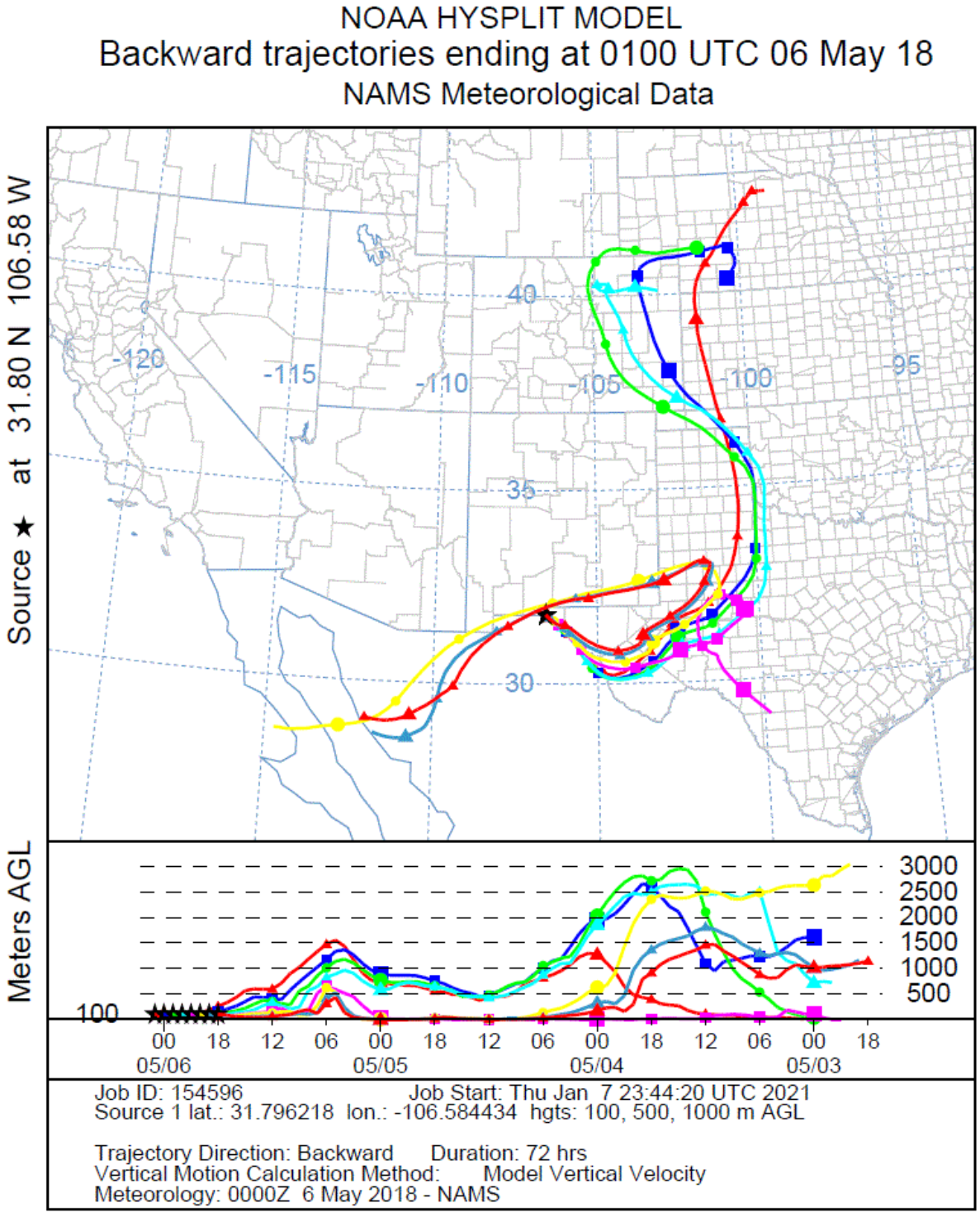
August 3, 2018 72 ppb O_3 MD8A



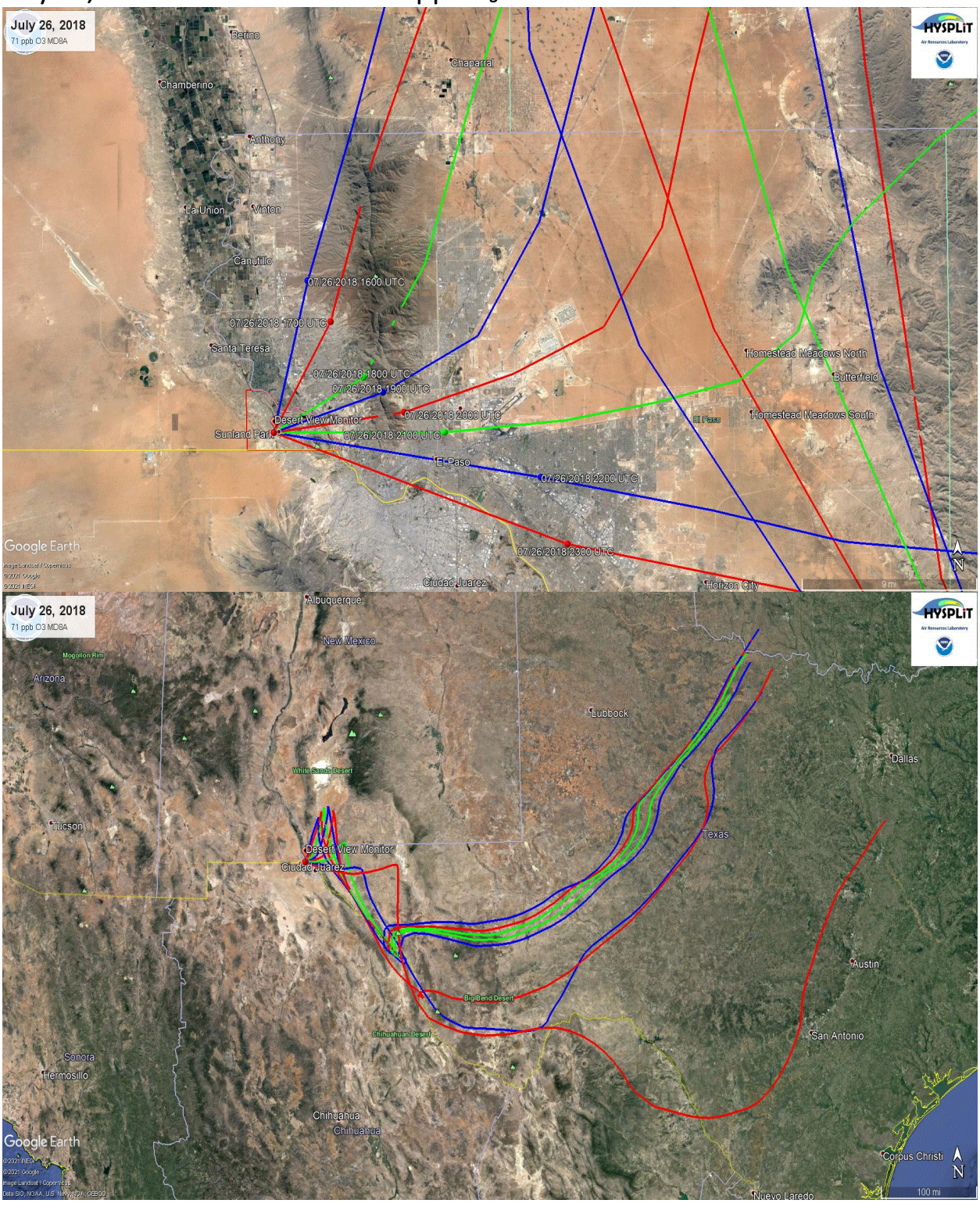

NOAA HYSPLIT MODEL
Backward trajectories ending at 0000 UTC 04 Aug 18
NAMS Meteorological Data
Source ★ at 31.80 N 106.58 W
34
30
-112
-110
-108
-106
-104
-102
Meters AGL
2500
2000
1500
1000
500
100
18 12 06 00 18 12 06 00 18 12 06 00 18
08/03
08/02
08/01
Job ID: 186997 Job Start: Fri Jan 8 22:56:15 UTC 2021
Source 1 lat.: 31.796218 lon.: -106.584434 hgts: 100, 500, 1000 m AGL
Trajectory Direction: Backward Duration: 72 hrs
Vertical Motion Calculation Method: Model Vertical Velocity
Meteorology: 0000Z 4 Aug 2018 - NAMS

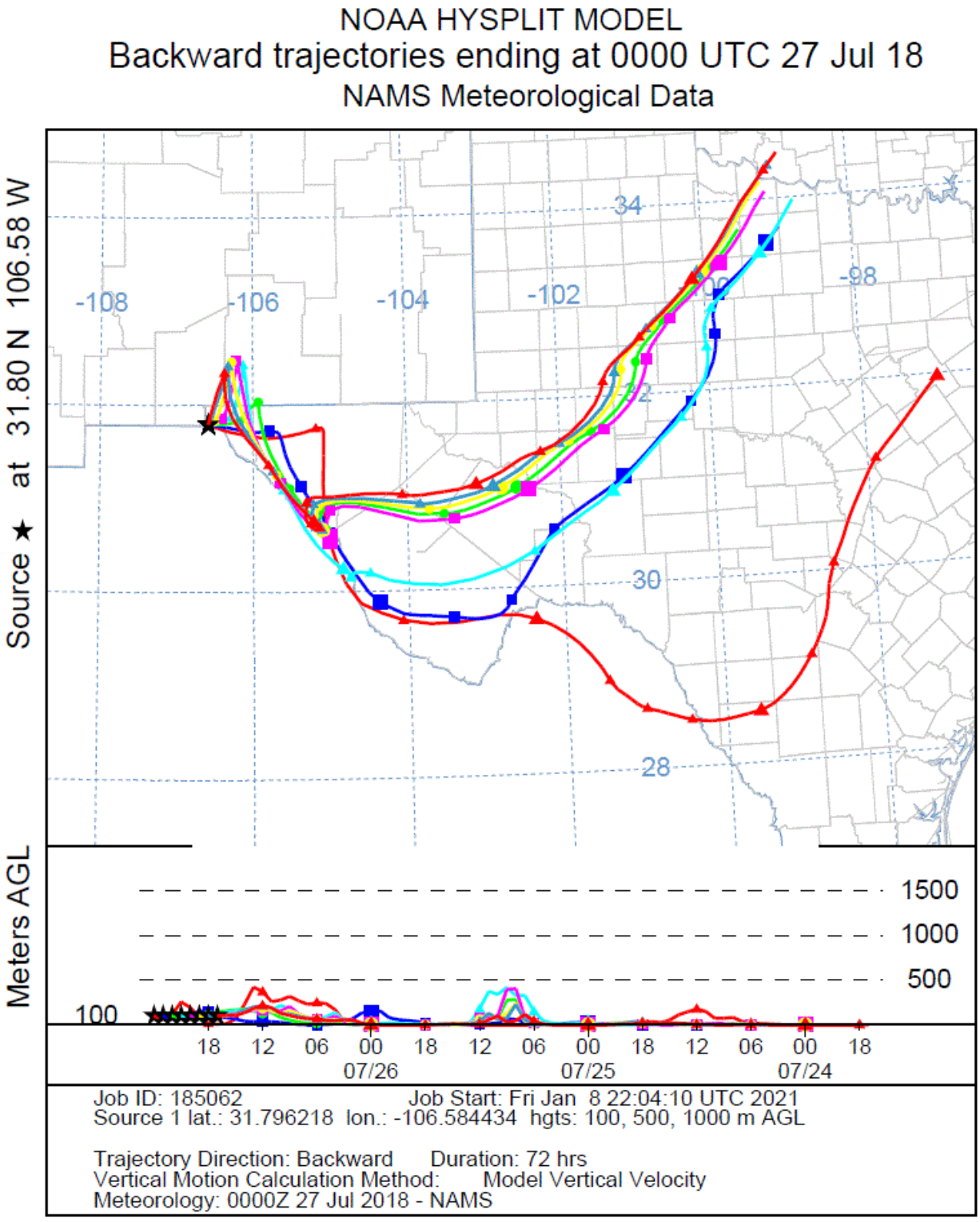
May 5, 2018 71 ppb O_3 MD8A



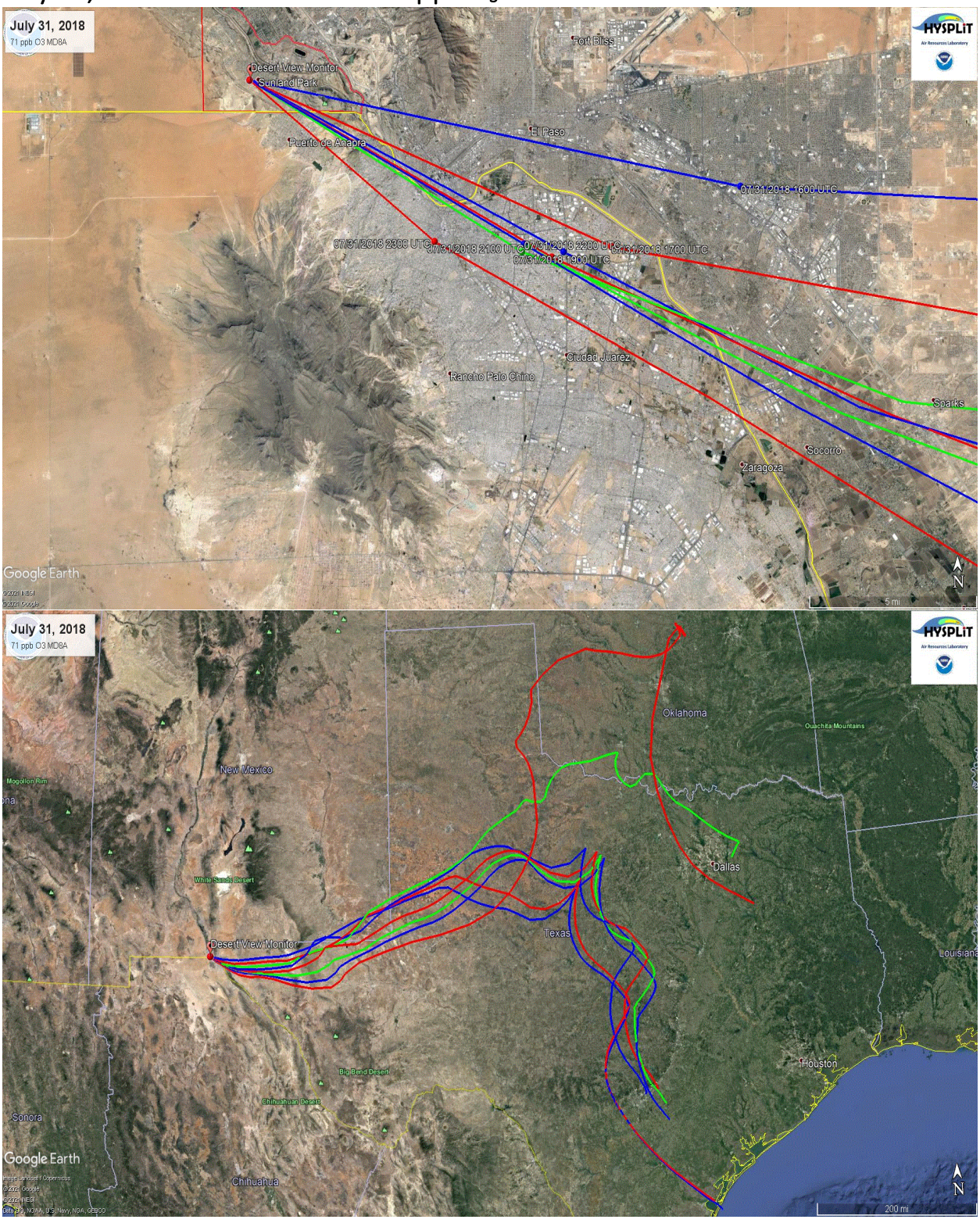

NOAA HYSPLIT MODEL
Backward trajectories ending at 0100 UTC 06 May 18
NAMS Meteorological Data
Source ★ at 31.80 N 106.58 W
-120
-115
-110
-105
-100
-95
40
35
30
Meters AGL
3000
2500
2000
1500
1000
500
100
00 18 12 06 00 18 12 06 00 18 12 06 00 18
05/06 05/05 05/04 05/03
Job ID: 154596 Job Start: Thu Jan 7 23:44:20 UTC 2021
Source 1 lat.: 31.796218 lon.: -106.584434 hgts: 100, 500, 1000 m AGL
Trajectory Direction: Backward Duration: 72 hrs
Vertical Motion Calculation Method: Model Vertical Velocity
Meteorology: 0000Z 6 May 2018 - NAMS

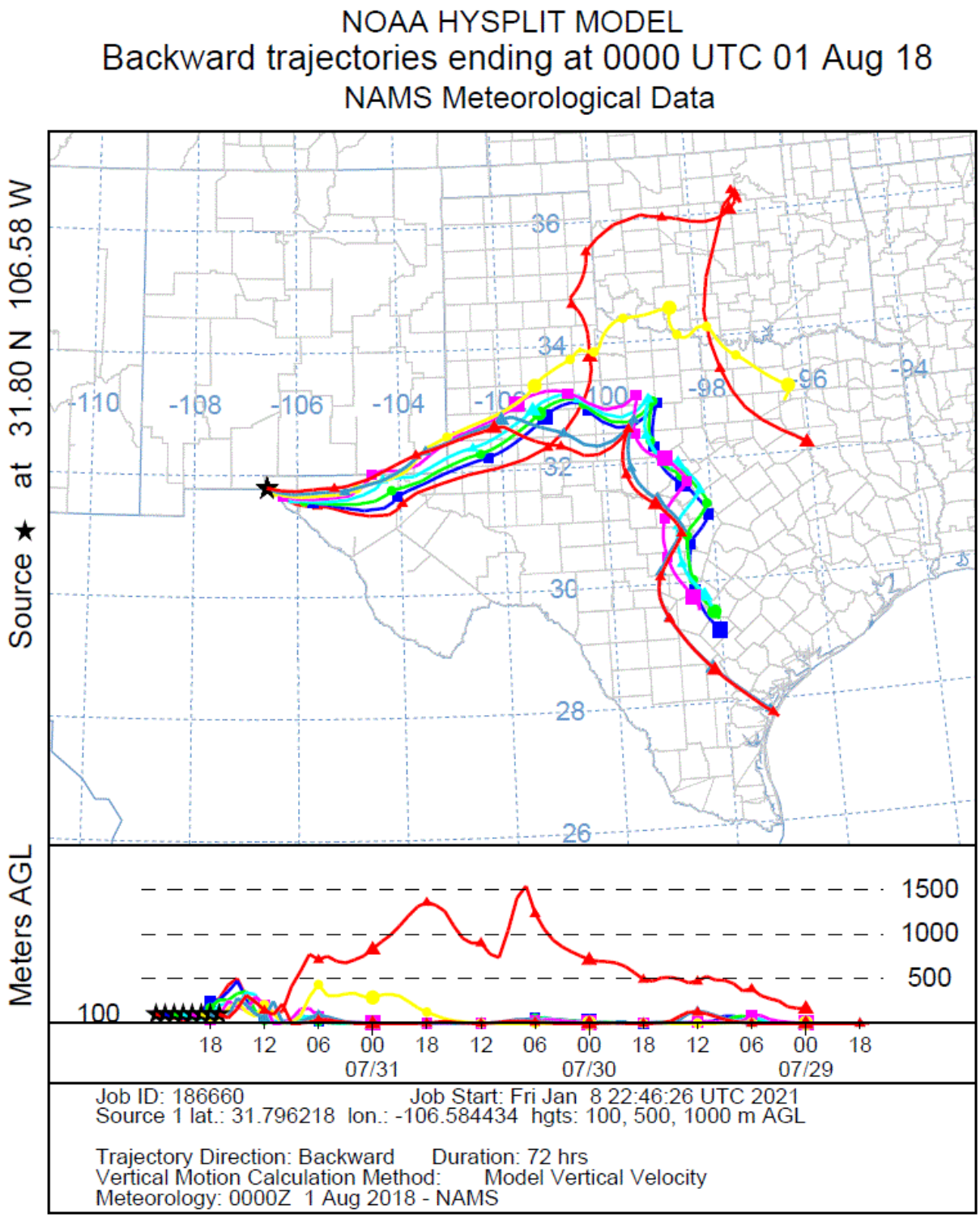
July 26, 2018 71 ppb O_3 MD8A



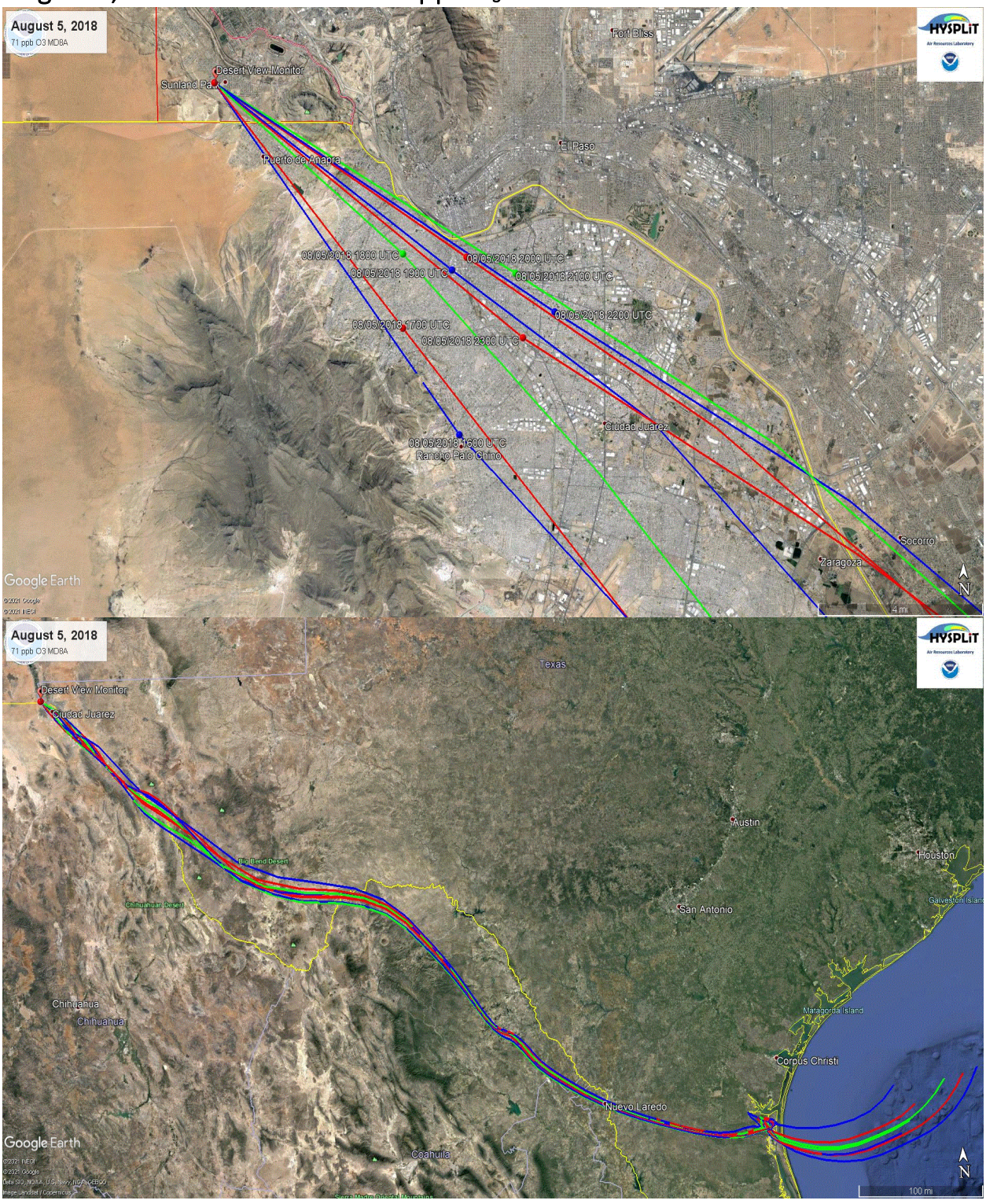

NOAA HYSPLIT MODEL
Backward trajectories ending at 0000 UTC 27 Jul 18
NAMS Meteorological Data
Source ★ at 31.80 N 106.58 W
-108
-106
-104
-102
-98
34
32
30
28
Meters AGL
1500
1000
500
100
18 12 06 00 18 12 06 00 18 12 06 00 18
07/26
07/25
07/24
Job ID: 185062 Job Start: Fri Jan 8 22:04:10 UTC 2021
Source 1 lat.: 31.796218 lon.: -106.584434 hgts: 100, 500, 1000 m AGL
Trajectory Direction: Backward Duration: 72 hrs
Vertical Motion Calculation Method: Model Vertical Velocity
Meteorology: 0000Z 27 Jul 2018 - NAMS

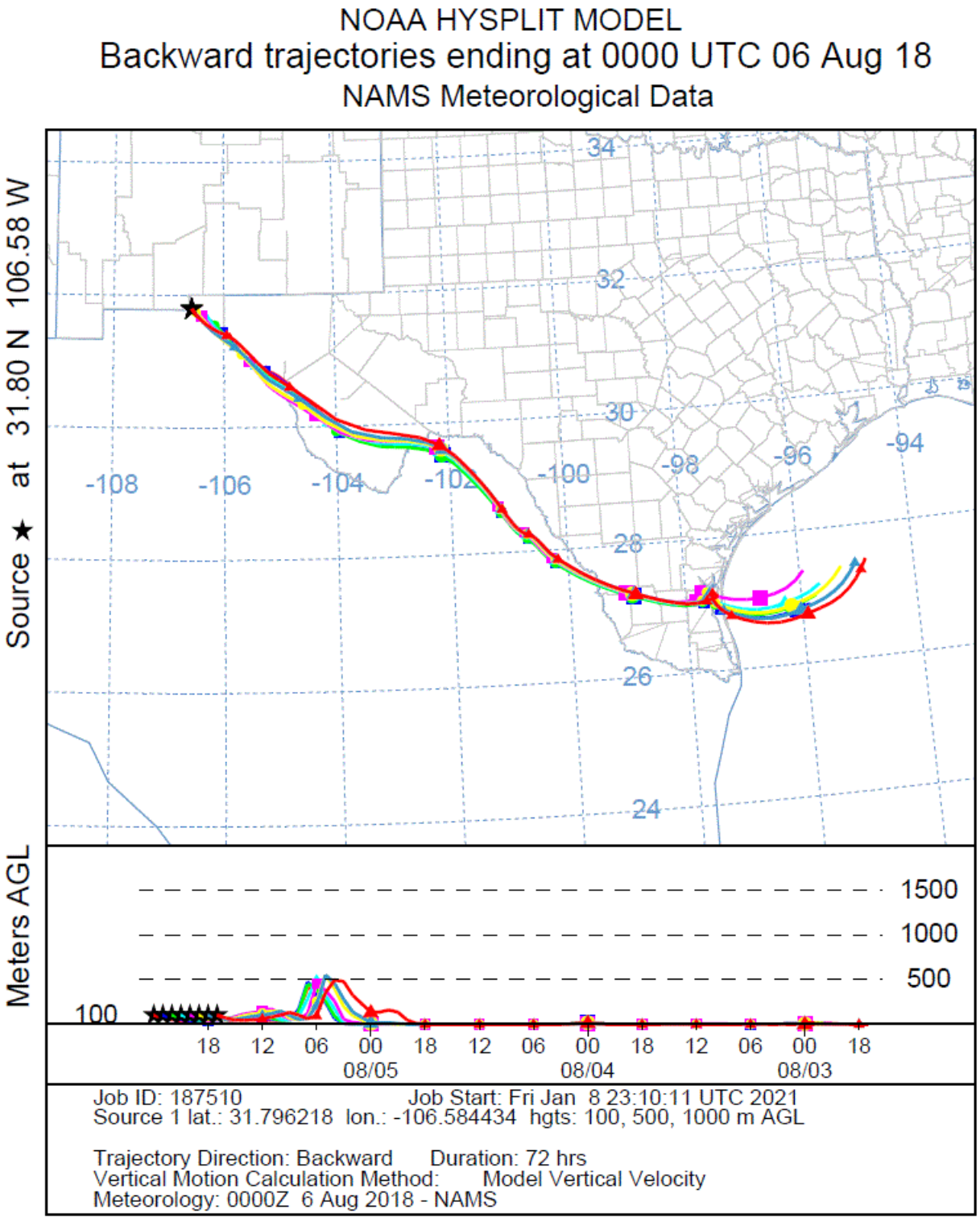
July 31, 2018 71 ppb O_3 MD8A



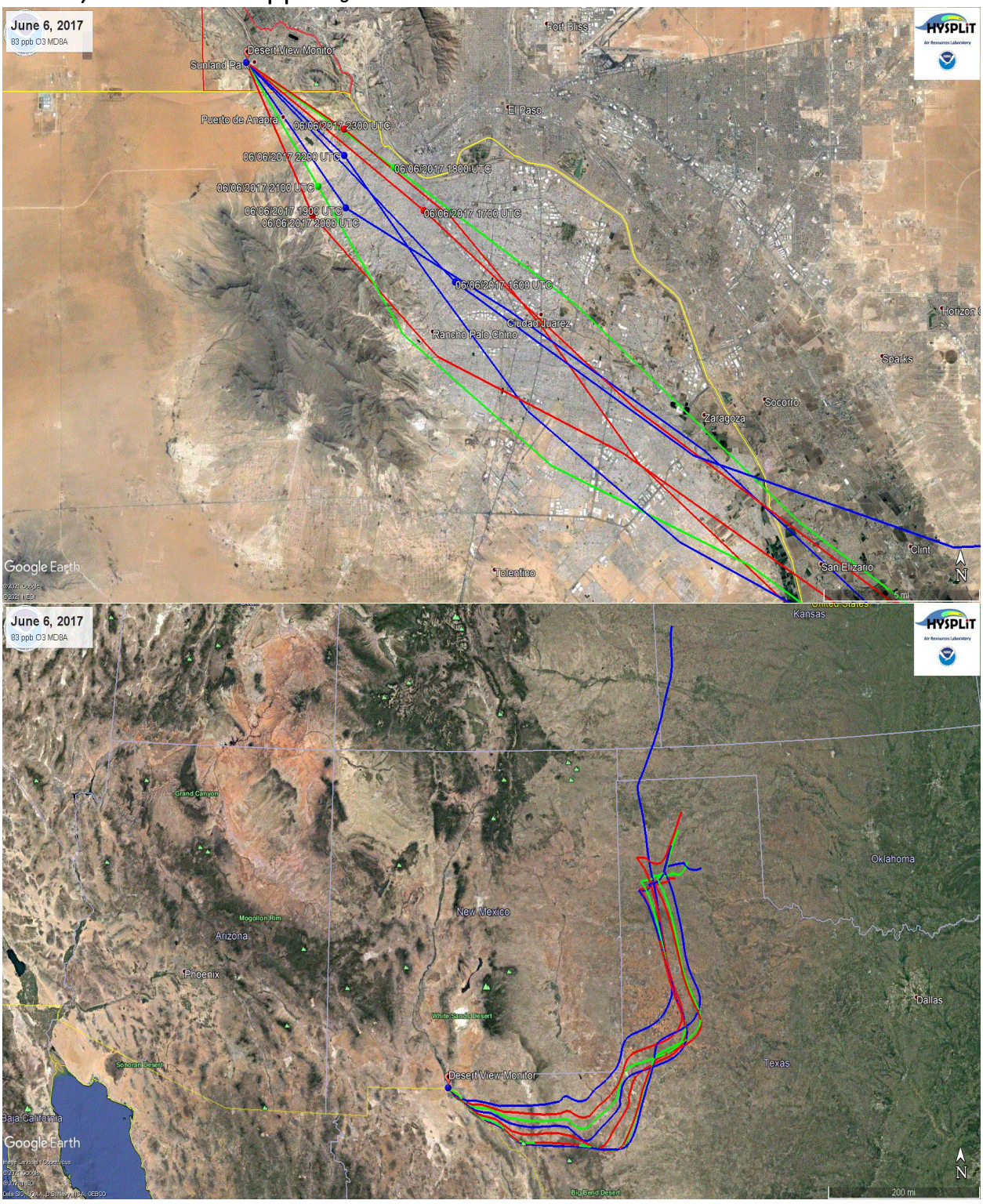

NOAA HYSPLIT MODEL
Backward trajectories ending at 0000 UTC 01 Aug 18
NAMS Meteorological Data
Source ★ at 31.80 N 106.58 W
Meters AGL
1500
1000
500
100
18 12 06 00 18 12 06 00 18 12 06 00 18
07/31 07/30 07/29
Job ID: 186660 Job Start: Fri Jan 8 22:46:26 UTC 2021
Source 1 lat.: 31.796218 lon.: -106.584434 hgts: 100, 500, 1000 m AGL
Trajectory Direction: Backward Duration: 72 hrs
Vertical Motion Calculation Method: Model Vertical Velocity
Meteorology: 0000Z 1 Aug 2018 - NAMS

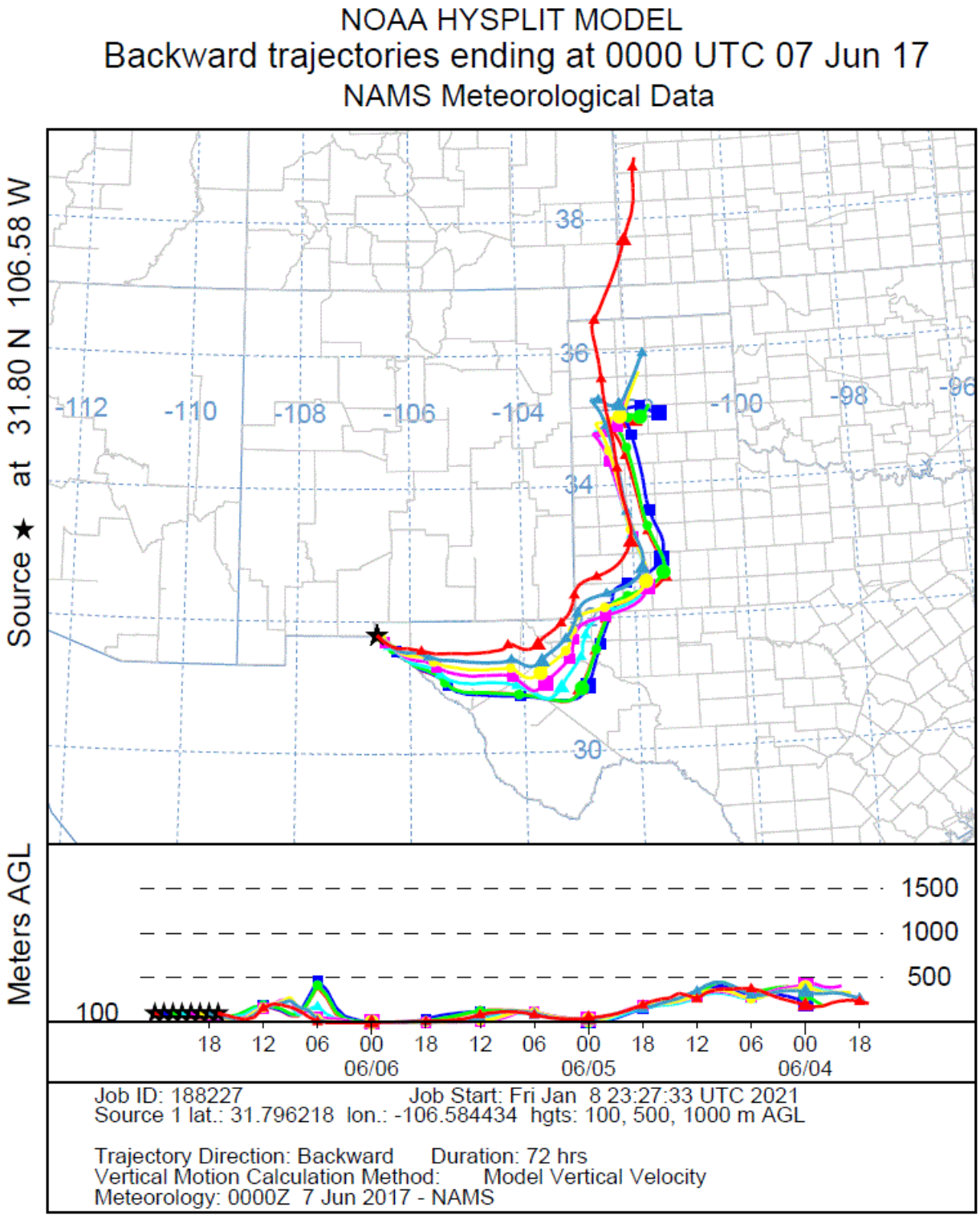
August 5, 2018 71 ppb O_3 MD8A




NOAA HYSPLIT MODEL
Backward trajectories ending at 0000 UTC 06 Aug 18
NAMS Meteorological Data
Source ★ at 31.80 N 106.58 W
34
32
30
28
26
24
-108
-106
-104
-102
-100
-98
-96
-94
Meters AGL
1500
1000
500
100
18 12 06 00 18 12 06 00 18 12 06 00 18
08/05 08/04 08/03
Job ID: 187510 Job Start: Fri Jan 8 23:10:11 UTC 2021
Source 1 lat.: 31.796218 lon.: -106.584434 hgts: 100, 500, 1000 m AGL
Trajectory Direction: Backward Duration: 72 hrs
Vertical Motion Calculation Method: Model Vertical Velocity
Meteorology: 0000Z 6 Aug 2018 - NAMS

June 6, 2017 83 ppb O_3 MD8A




NOAA HYSPLIT MODEL
Backward trajectories ending at 0000 UTC 07 Jun 17
NAMS Meteorological Data
Source ★ at 31.80 N 106.58 W
38
36
34
30
-112
-110
-108
-106
-104
-100
-98
-96
Meters AGL
1500
1000
500
100
18 12 06 00 18 12 06 00 18 12 06 00 18
06/06
06/05
06/04
Job ID: 188227 Job Start: Fri Jan 8 23:27:33 UTC 2021
Source 1 lat.: 31.796218 lon.: -106.584434 hgts: 100, 500, 1000 m AGL
Trajectory Direction: Backward Duration: 72 hrs
Vertical Motion Calculation Method: Model Vertical Velocity
Meteorology: 0000Z 7 Jun 2017 - NAMS

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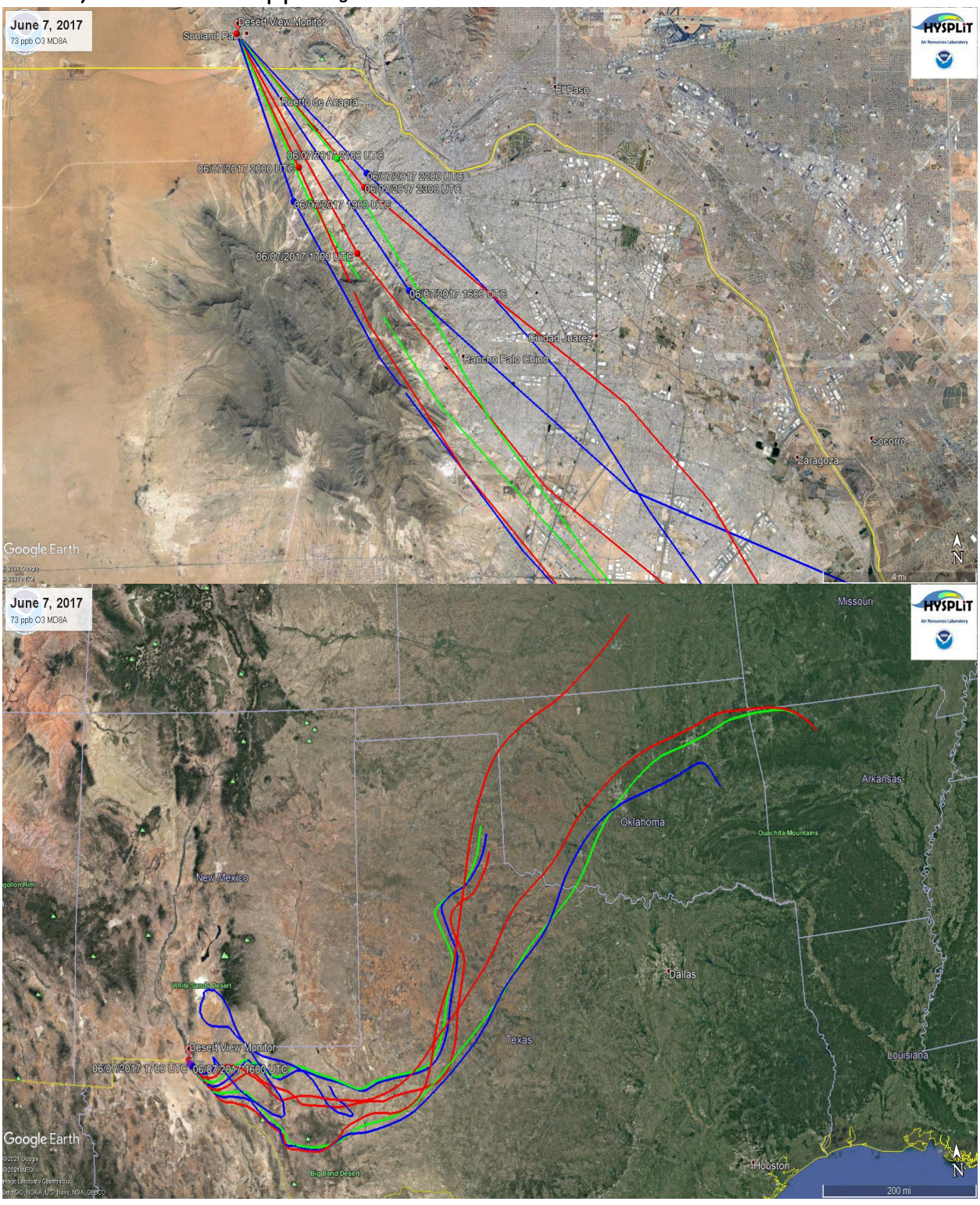

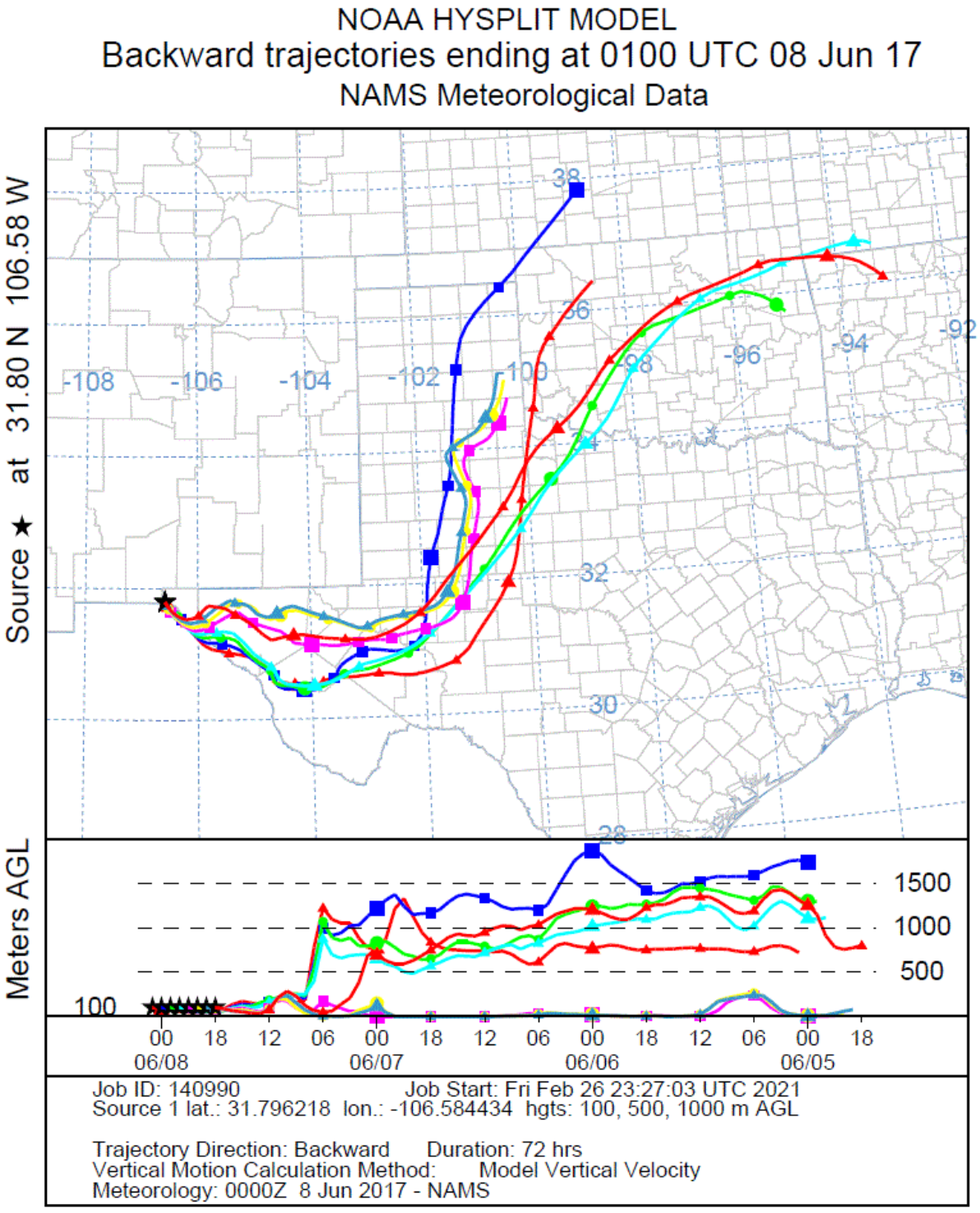
NOAA HYSPLIT MODEL
Backward trajectories ending at 0100 UTC 08 Jun 17
NAMS Meteorological Data
Source ★ at 31.80 N 106.58 W
Meters AGL
1500
1000
500
100
00 18 12 06 00 18 12 06 00 18 12 06 00 18
06/08 06/07 06/06 06/05
Job ID: 140990 Job Start: Fri Feb 26 23:27:03 UTC 2021
Source 1 lat.: 31.796218 lon.: -106.584434 hgts: 100, 500, 1000 m AGL
Trajectory Direction: Backward Duration: 72 hrs
Vertical Motion Calculation Method: Model Vertical Velocity
Meteorology: 0000Z 8 Jun 2017 - NAMS

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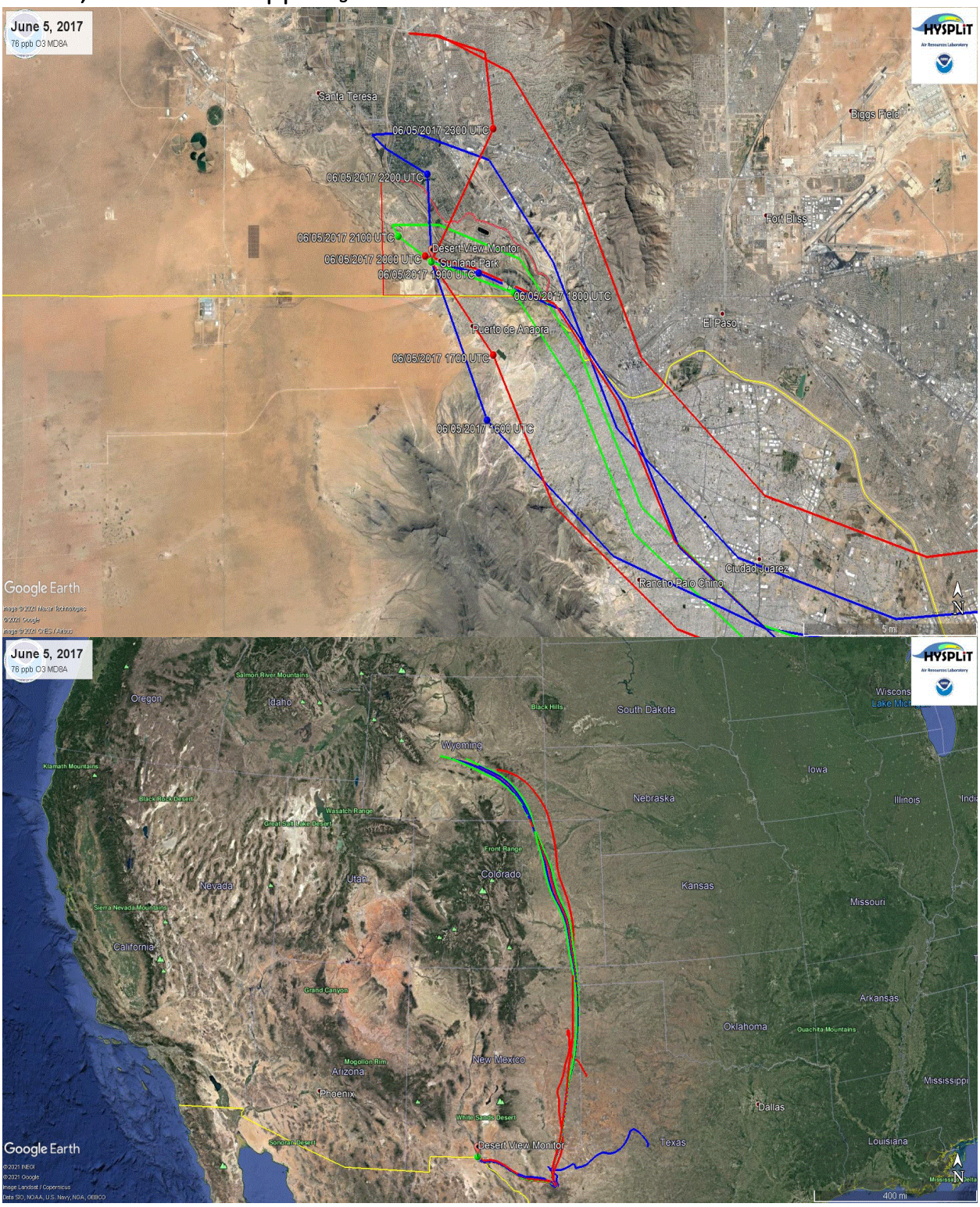

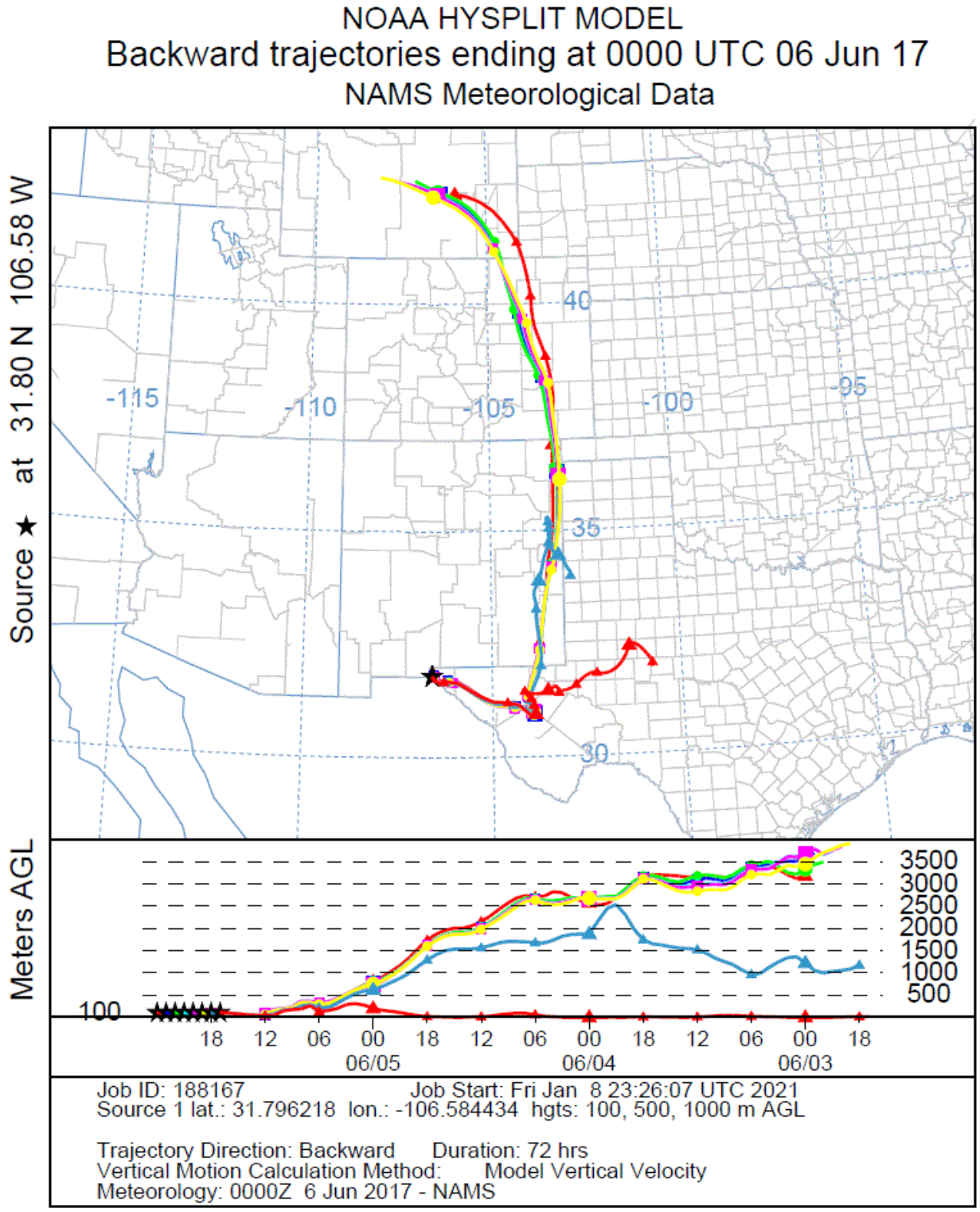
NOAA HYSPLIT MODEL
Backward trajectories ending at 0000 UTC 06 Jun 17
NAMS Meteorological Data
Source ★ at 31.80 N 106.58 W
-115
-110
-105
-100
-95
40
35
30
Meters AGL
3500
3000
2500
2000
1500
1000
500
100
18 12 06 00 18 12 06 00 18 12 06 00 18
06/05
06/04
06/03
Job ID: 188167 Job Start: Fri Jan 8 23:26:07 UTC 2021
Source 1 lat.: 31.796218 lon.: -106.584434 hgts: 100, 500, 1000 m AGL
Trajectory Direction: Backward Duration: 72 hrs
Vertical Motion Calculation Method: Model Vertical Velocity
Meteorology: 0000Z 6 Jun 2017 - NAMS

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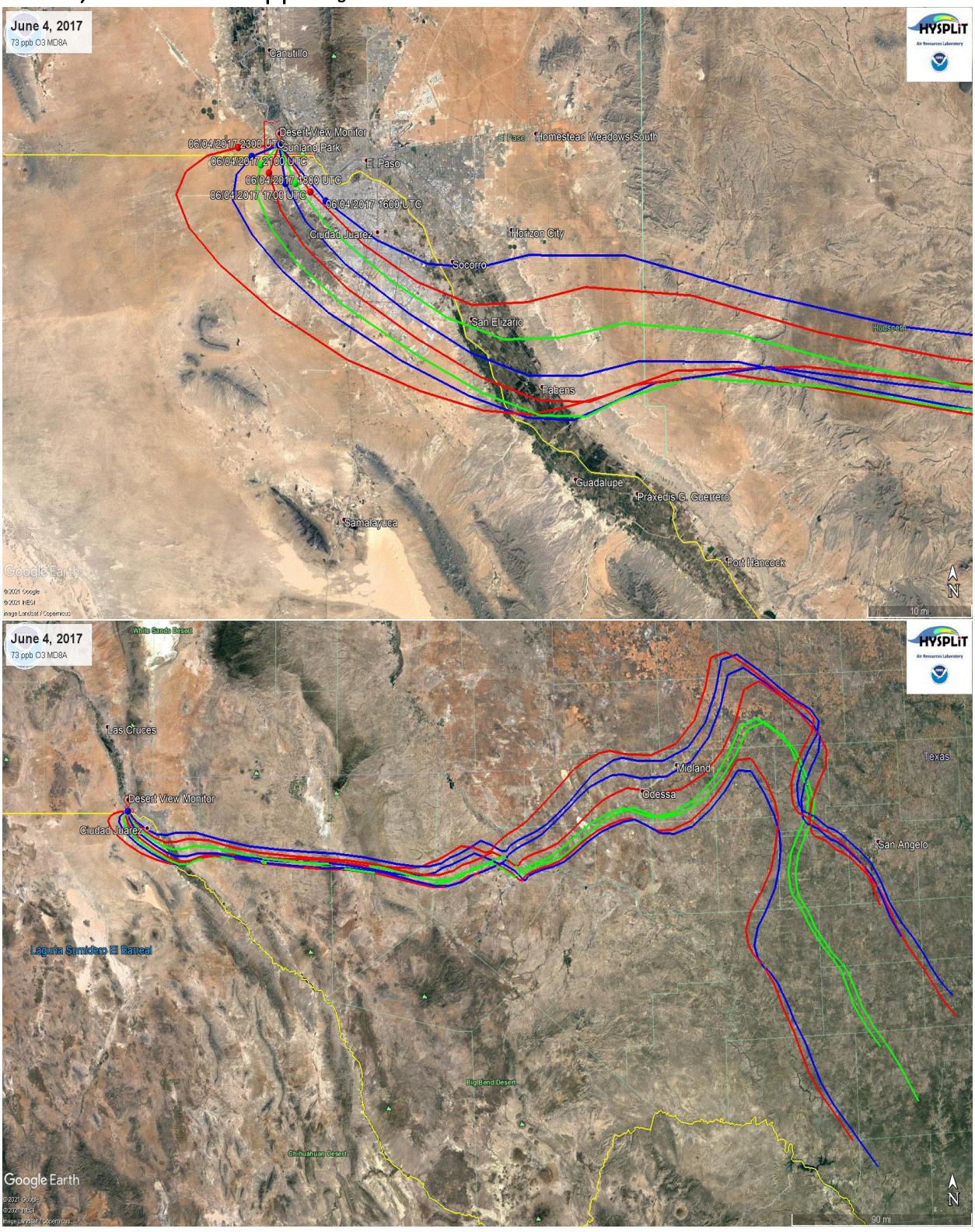

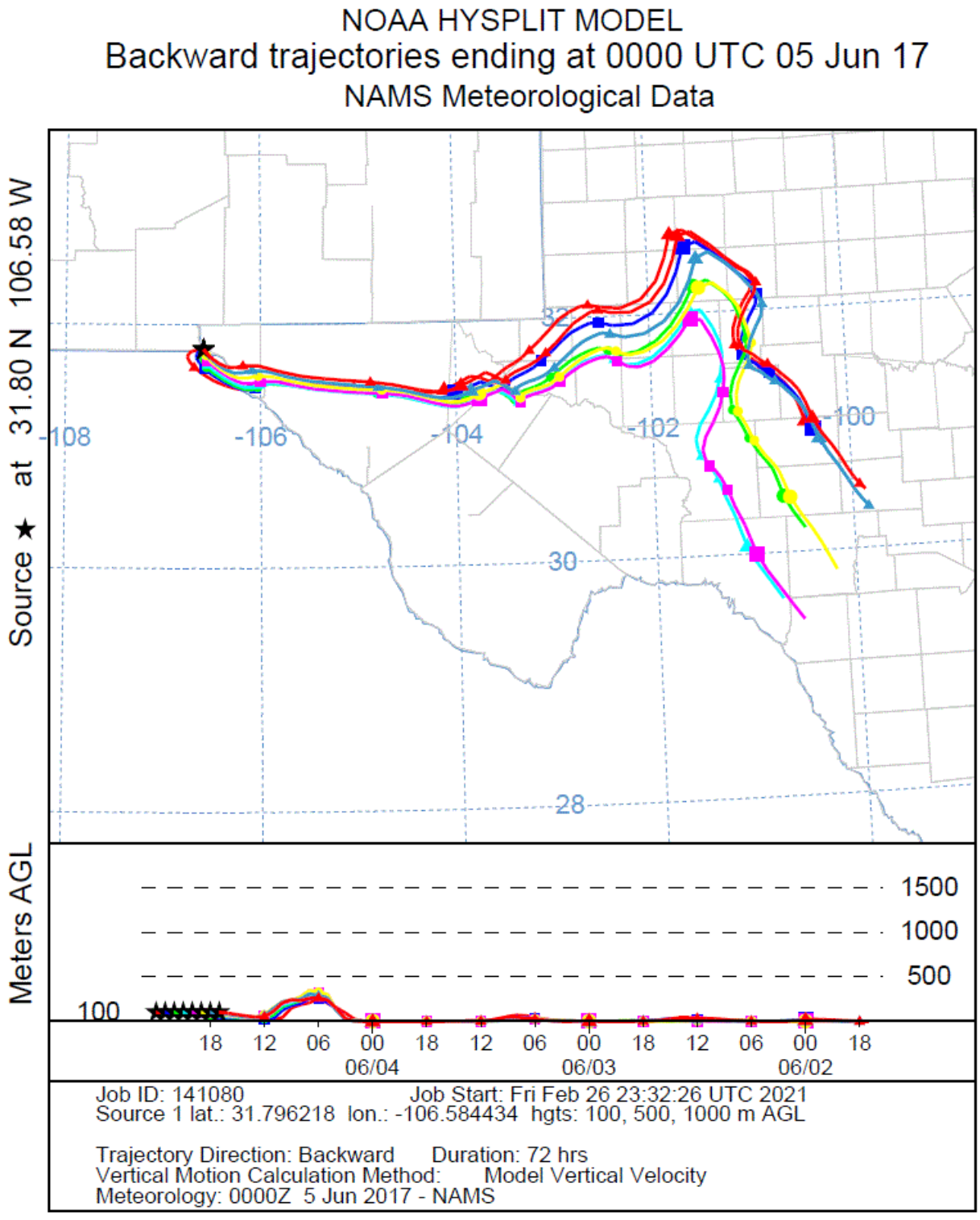
NOAA HYSPLIT MODEL
Backward trajectories ending at 0000 UTC 05 Jun 17
NAMS Meteorological Data
Source ★ at 31.80 N 106.58 W
-108
-106
-104
-102
-100
32
30
28
Meters AGL
1500
1000
500
100
18 12 06 00 18 12 06 00 18 12 06 00 18
06/04
06/03
06/02
Job ID: 141080 Job Start: Fri Feb 26 23:32:26 UTC 2021
Source 1 lat.: 31.796218 lon.: -106.584434 hgts: 100, 500, 1000 m AGL
Trajectory Direction: Backward Duration: 72 hrs
Vertical Motion Calculation Method: Model Vertical Velocity
Meteorology: 0000Z 5 Jun 2017 - NAMS

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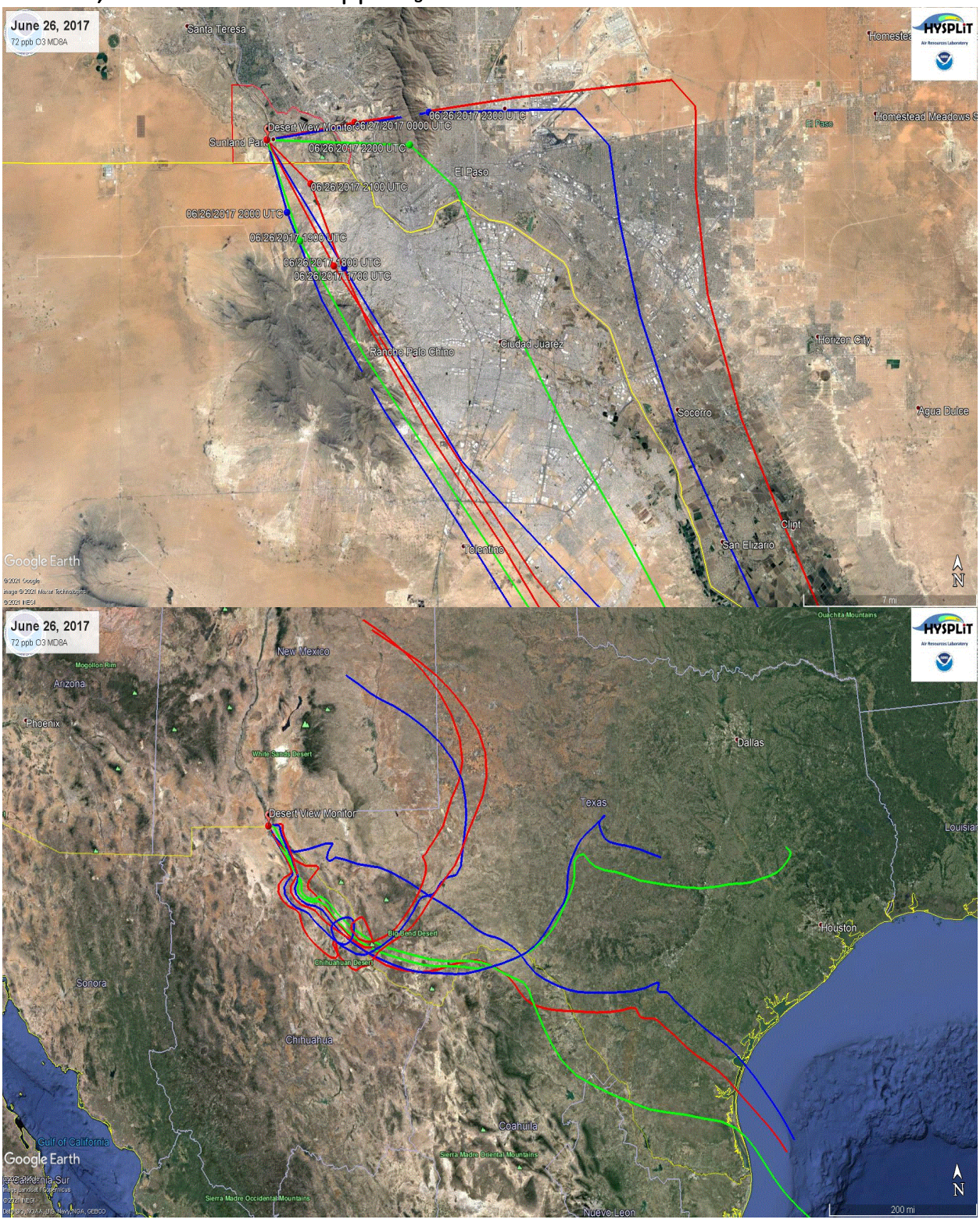

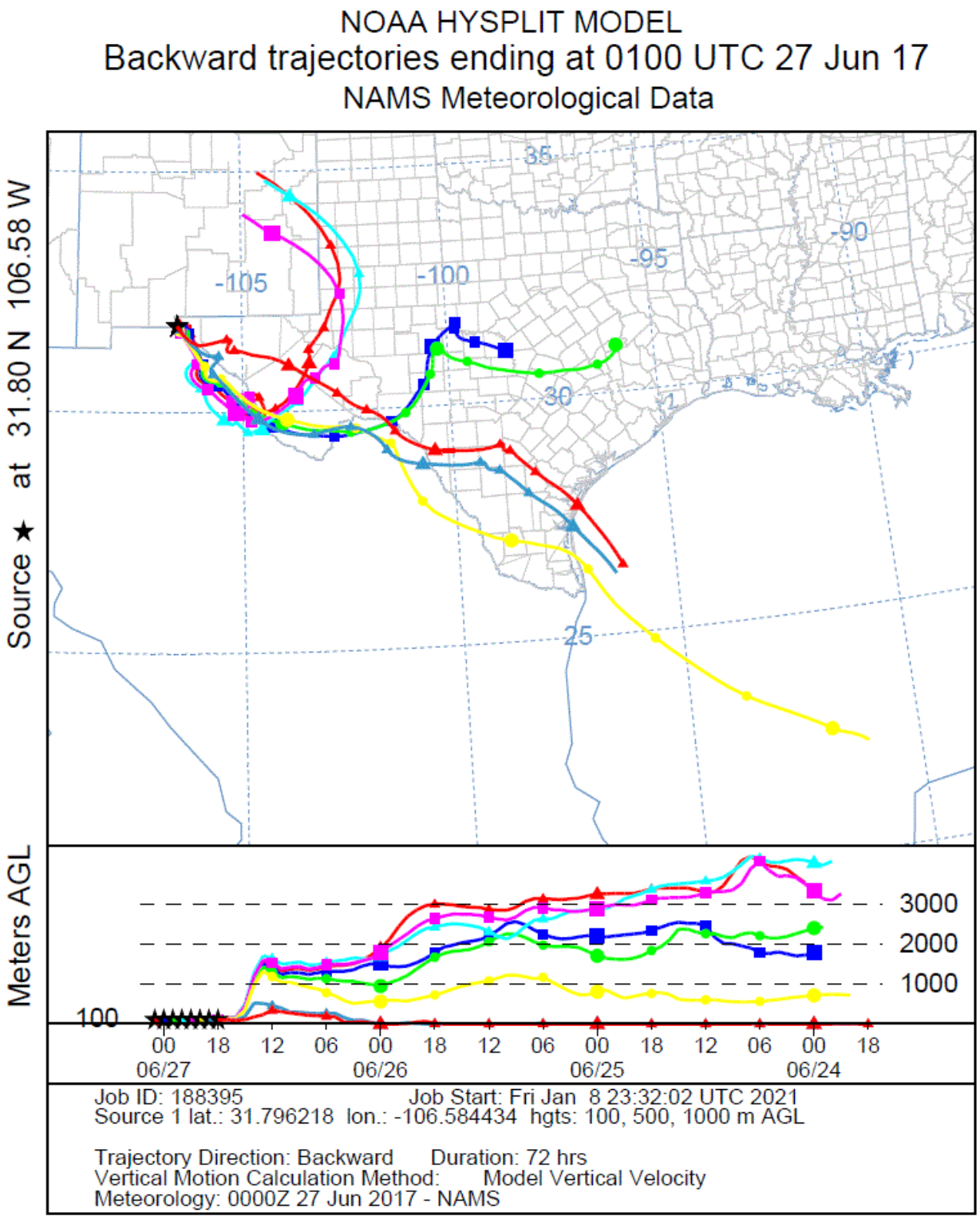
NOAA HYSPLIT MODEL
Backward trajectories ending at 0100 UTC 27 Jun 17
NAMS Meteorological Data
Source ★ at 31.80 N 106.58 W
-105
-100
-95
-90
35
30
25
Meters AGL
3000
2000
1000
100
00 18 12 06 00 18 12 06 00 18 12 06 00 18
06/27 06/26 06/25 06/24
Job ID: 188395 Job Start: Fri Jan 8 23:32:02 UTC 2021
Source 1 lat.: 31.796218 lon.: -106.584434 hgts: 100, 500, 1000 m AGL
Trajectory Direction: Backward Duration: 72 hrs
Vertical Motion Calculation Method: Model Vertical Velocity
Meteorology: 0000Z 27 Jun 2017 - NAMS

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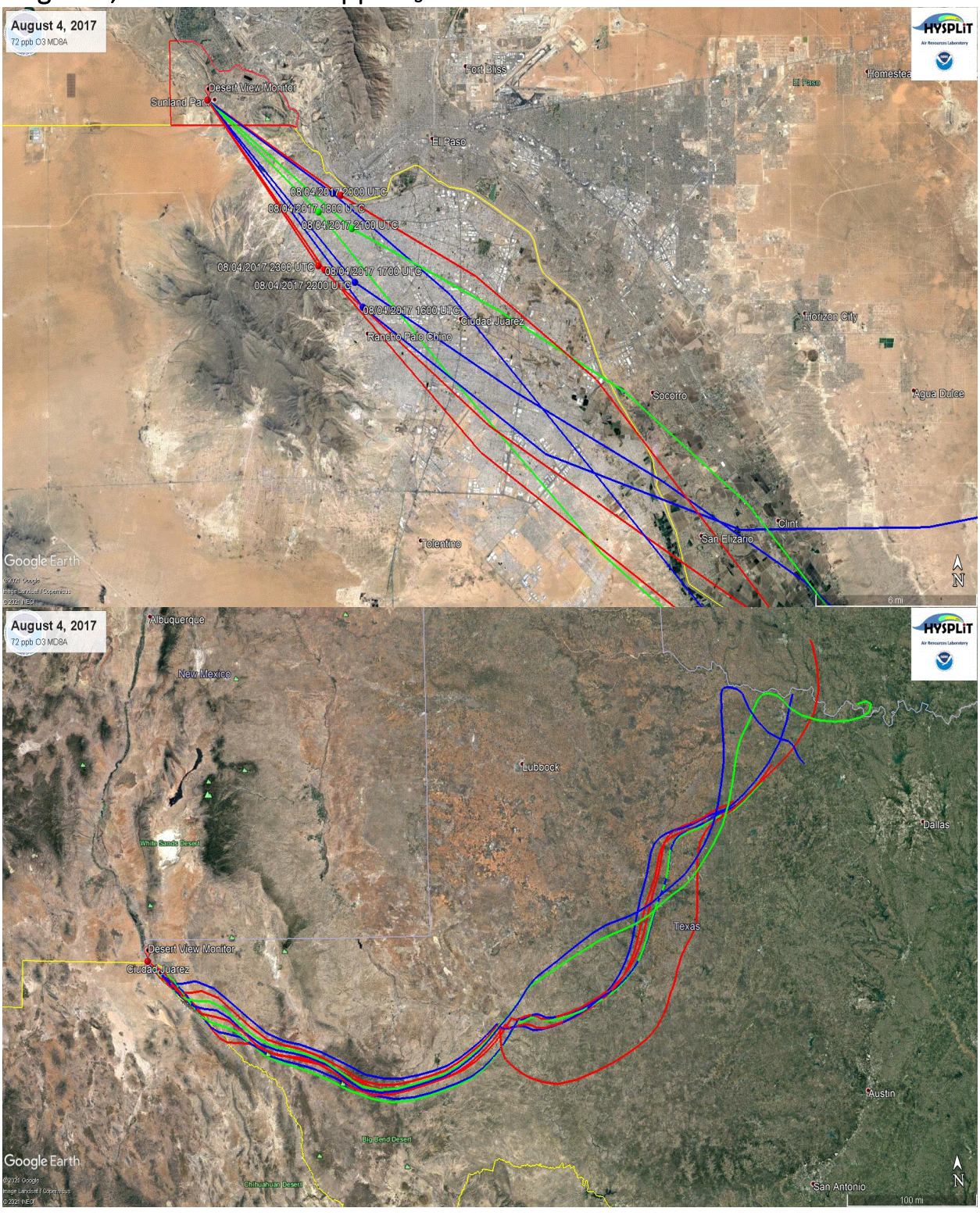

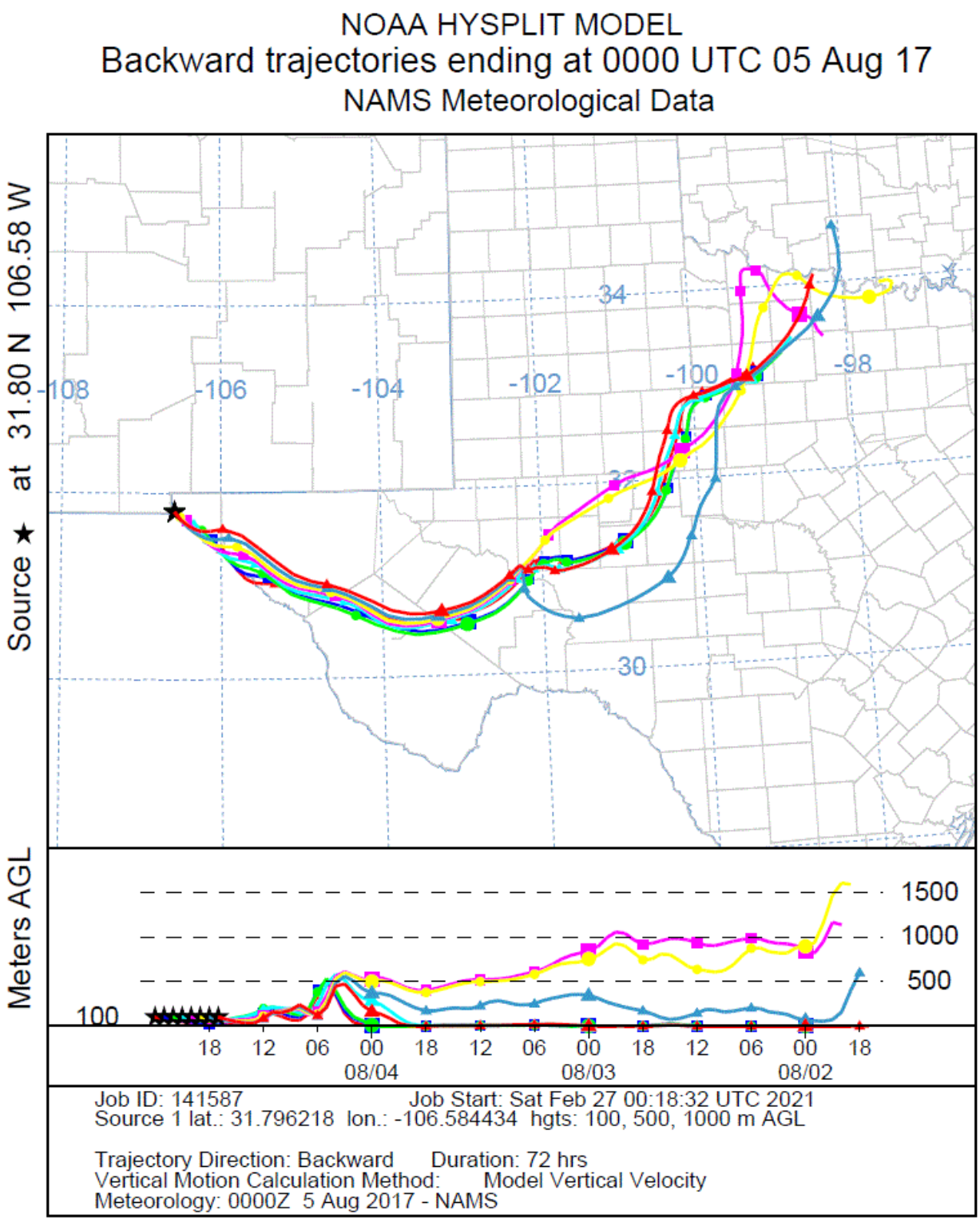
NOAA HYSPLIT MODEL
Backward trajectories ending at 0000 UTC 05 Aug 17
NAMS Meteorological Data
Source ★ at 31.80 N 106.58 W
-108
-106
-104
-102
-100
-98
34
30
Meters AGL
1500
1000
500
100
18 12 06 00 18 12 06 00 18 12 06 00 18
08/04
08/03
08/02
Job ID: 141587 Job Start: Sat Feb 27 00:18:32 UTC 2021
Source 1 lat.: 31.796218 lon.: -106.584434 hgts: 100, 500, 1000 m AGL
Trajectory Direction: Backward Duration: 72 hrs
Vertical Motion Calculation Method: Model Vertical Velocity
Meteorology: 0000Z 5 Aug 2017 - NAMS

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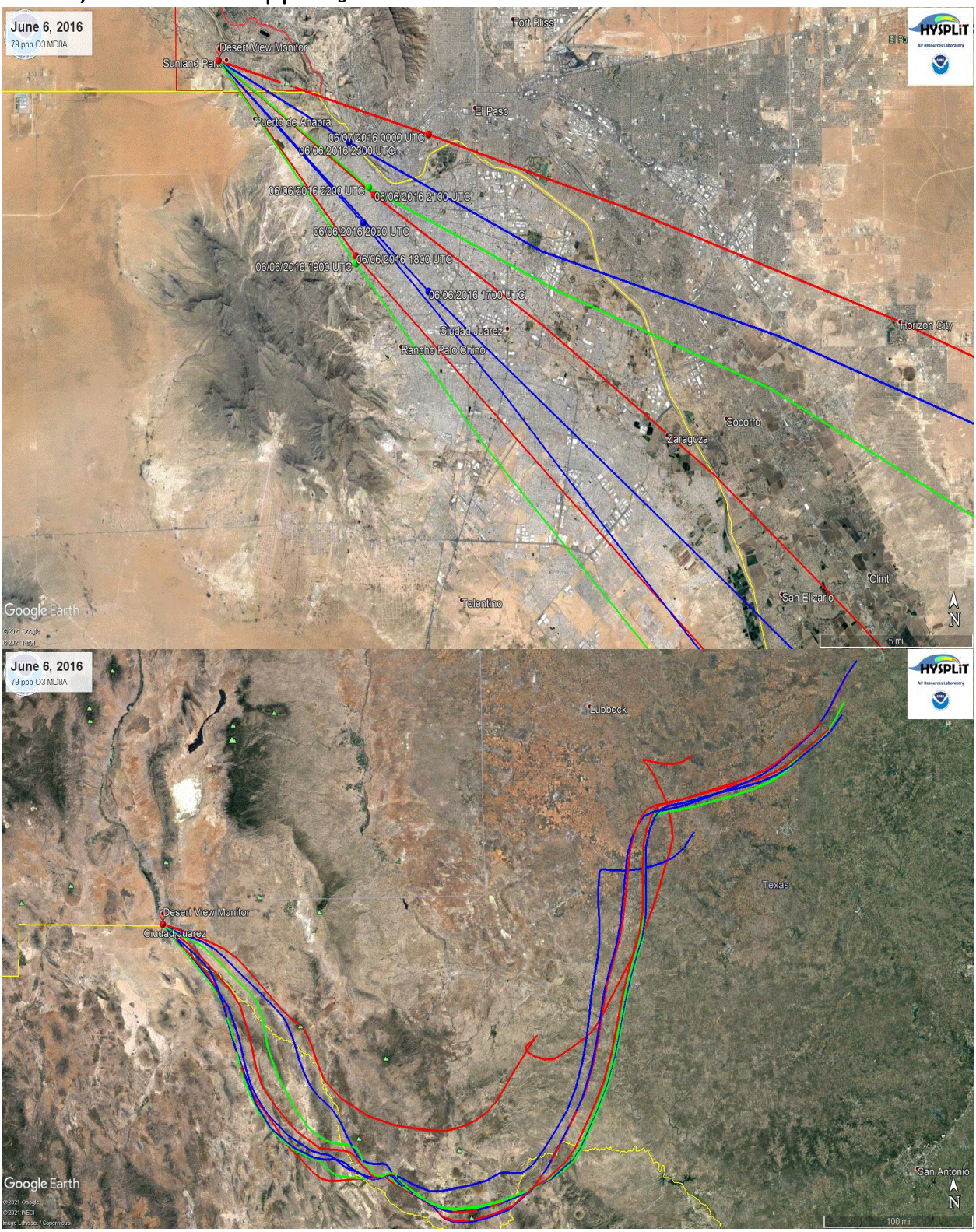
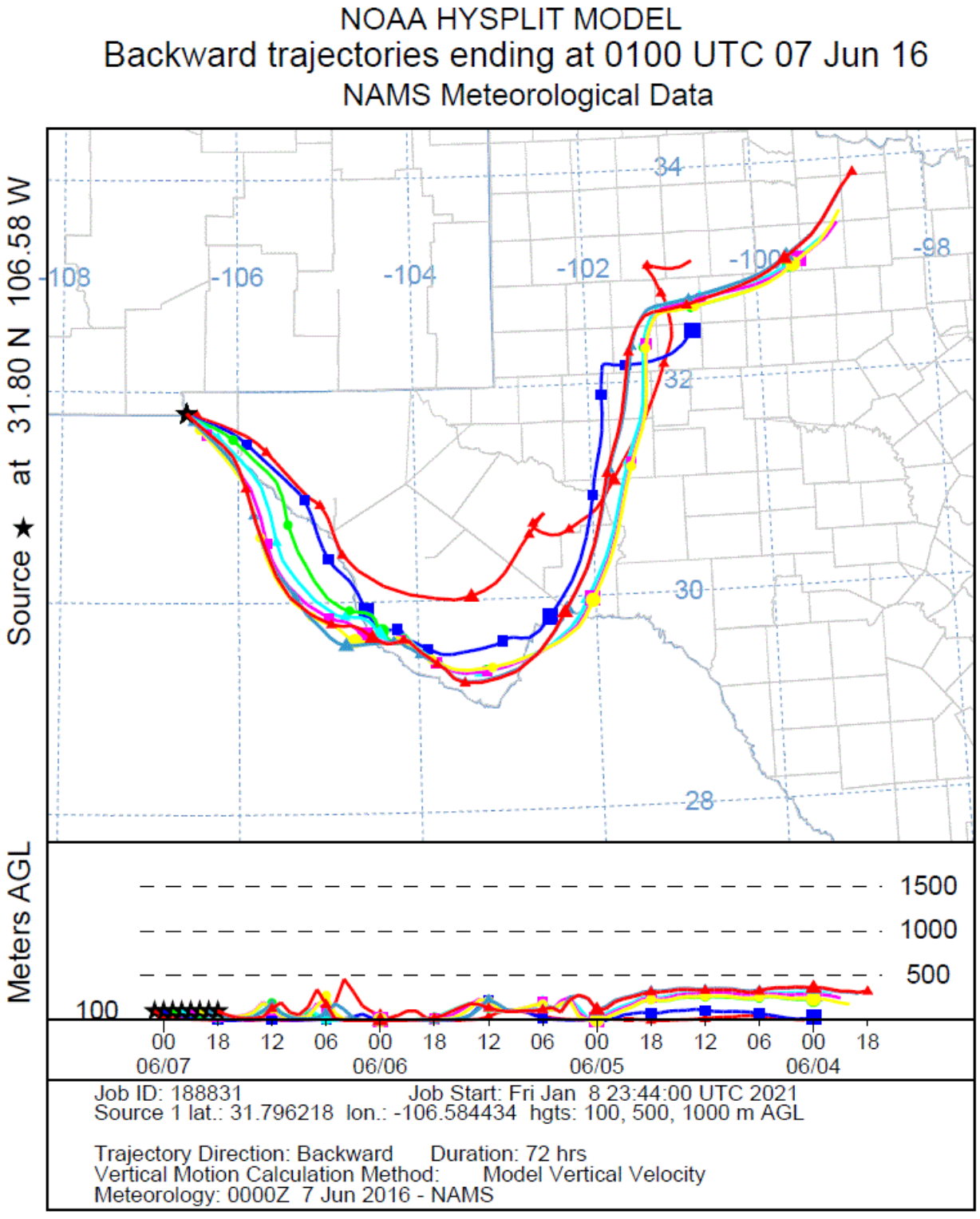
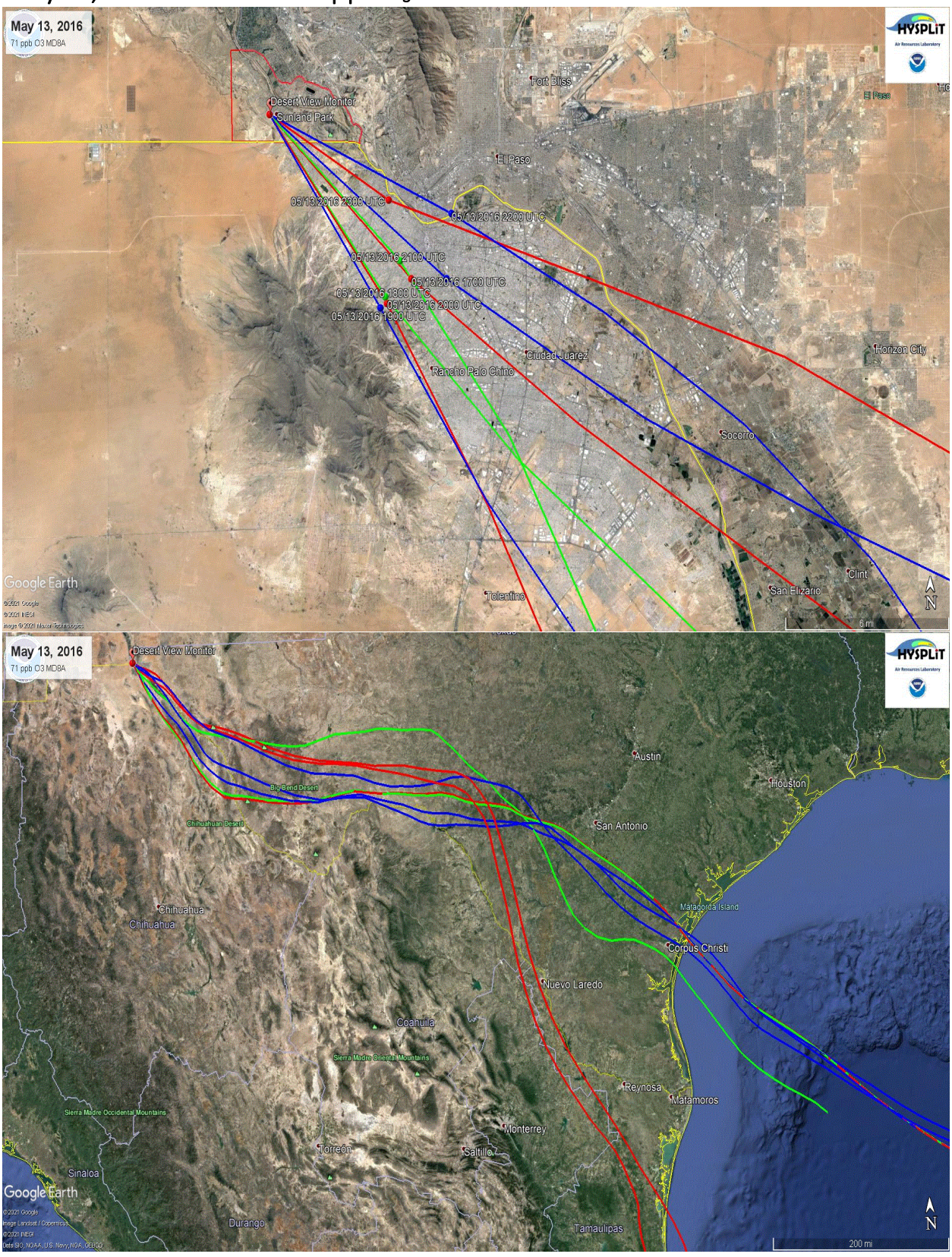
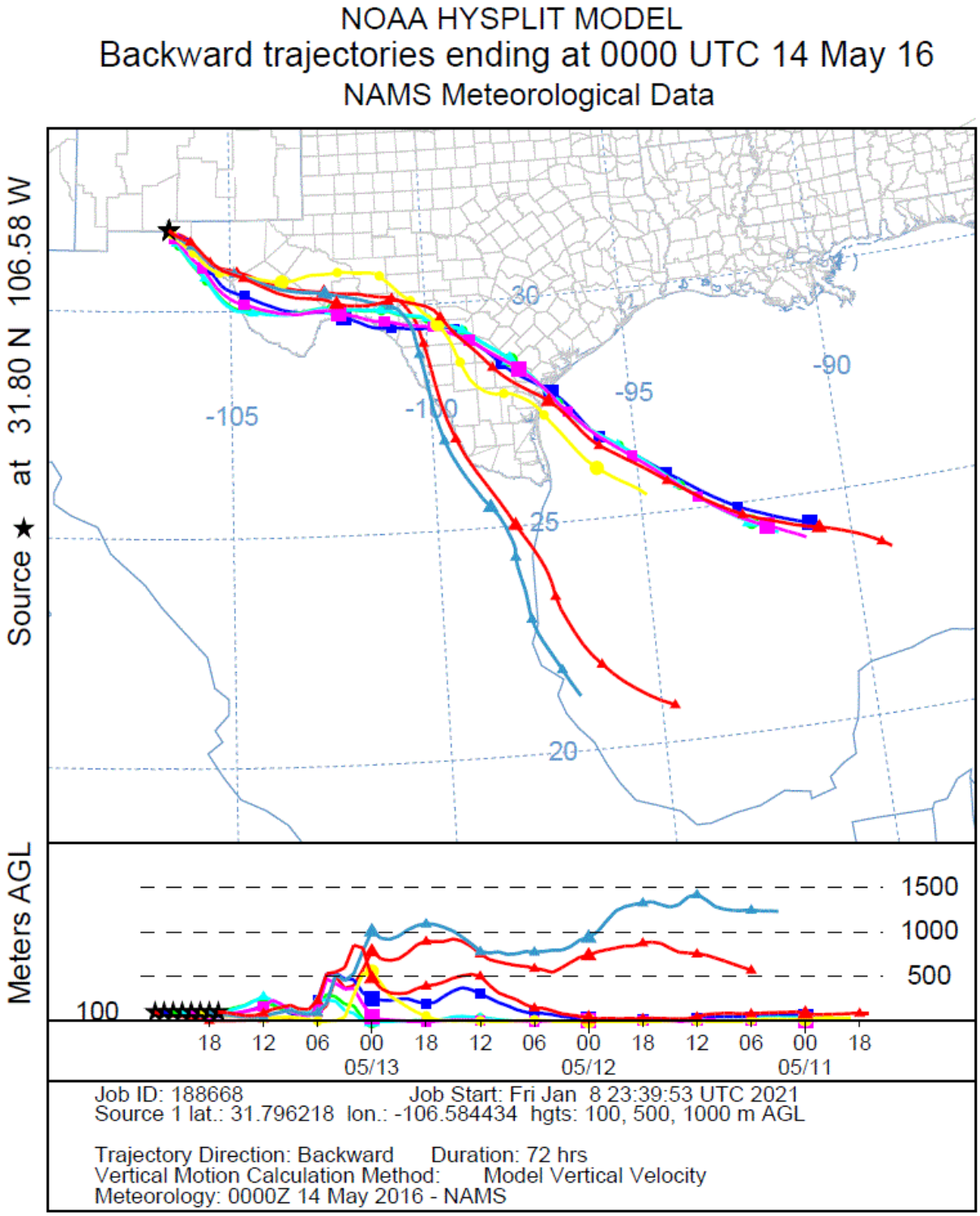



NOAA HYSPLIT MODEL
Backward trajectories ending at 0100 UTC 07 Jun 16
NAMS Meteorological Data
Source ★ at 31.80 N 106.58 W
-108
-106
-104
-102
-100
-98
34
32
30
28
Meters AGL
1500
1000
500
100
00 18 12 06 00 18 12 06 00 18 12 06 00 18
06/07 06/06 06/05 06/04
Job ID: 188831 Job Start: Fri Jan 8 23:44:00 UTC 2021
Source 1 lat.: 31.796218 lon.: -106.584434 hgts: 100, 500, 1000 m AGL
Trajectory Direction: Backward Duration: 72 hrs
Vertical Motion Calculation Method: Model Vertical Velocity
Meteorology: 0000Z 7 Jun 2016 - NAMS

May 13, 2016 71 ppb O_3 MD8A




NOAA HYSPLIT MODEL
Backward trajectories ending at 0000 UTC 14 May 16
NAMS Meteorological Data
Source ★ at 31.80 N 106.58 W
-105
-100
-95
-90
30
25
20
Meters AGL
1500
1000
500
100
18 12 06 00 18 12 06 00 18 12 06 00 18
05/13 05/12 05/11
Job ID: 188668 Job Start: Fri Jan 8 23:39:53 UTC 2021
Source 1 lat.: 31.796218 lon.: -106.584434 hgts: 100, 500, 1000 m AGL
Trajectory Direction: Backward Duration: 72 hrs
Vertical Motion Calculation Method: Model Vertical Velocity
Meteorology: 0000Z 14 May 2016 - NAMS