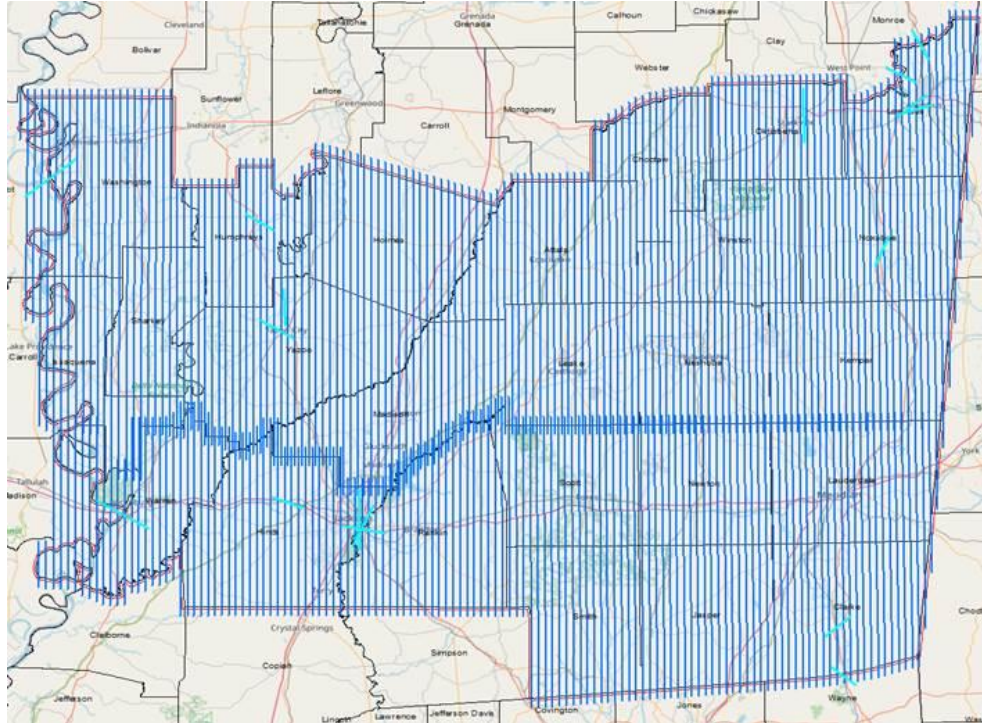


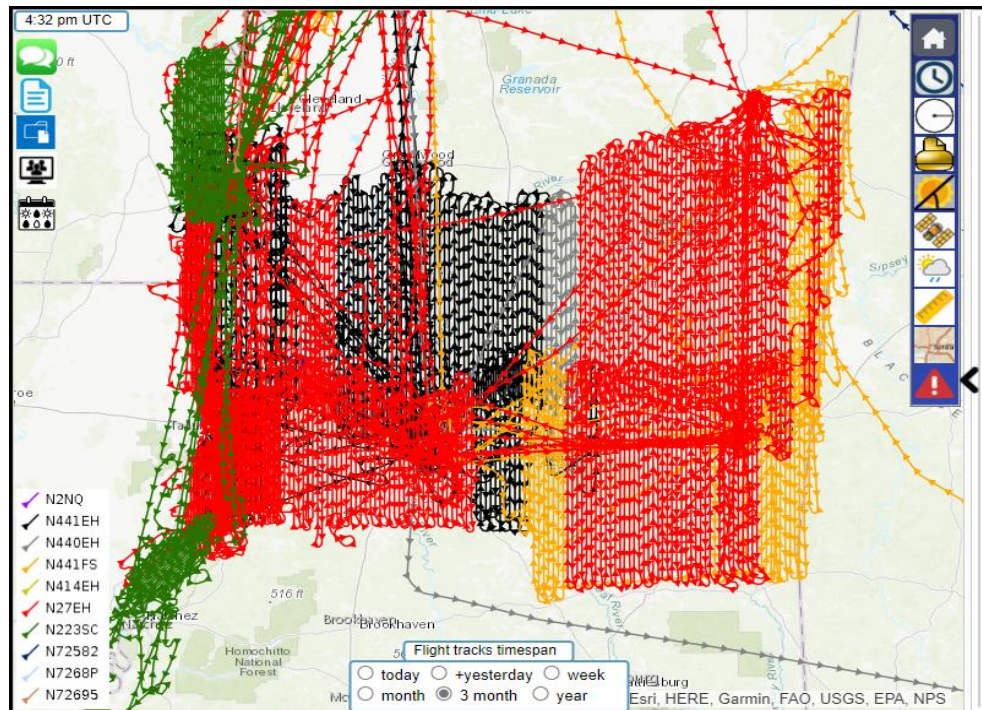
Mississippi 2022-2023 - Aerial Imagery Status Updates

The following updates include the day-by-day aerial imagery acquisition performance.

Flightlines that were Acquired



Aircraft Tracks



Mississippi 2022-2023 - Aerial Imagery Status Updates:

From: Cornell Rowan

Sent: Thursday, March 9, 2023 3:37 PM

To: Stephen Champlin <schamplin@mdeq.ms.gov>; Hays Lambert <hlambert@atlasgeodata.com>; Larry Kirkpatrick <lkirkpatrick@atlasgeodata.com>; Zach Adams <zach.adams@waggonereng.com>; Brian Smith <brian.smith@waggonereng.com>

Cc: John Boeding <johnb@surdex.com>

Subject: MS 2022-2023 - Water Reflights

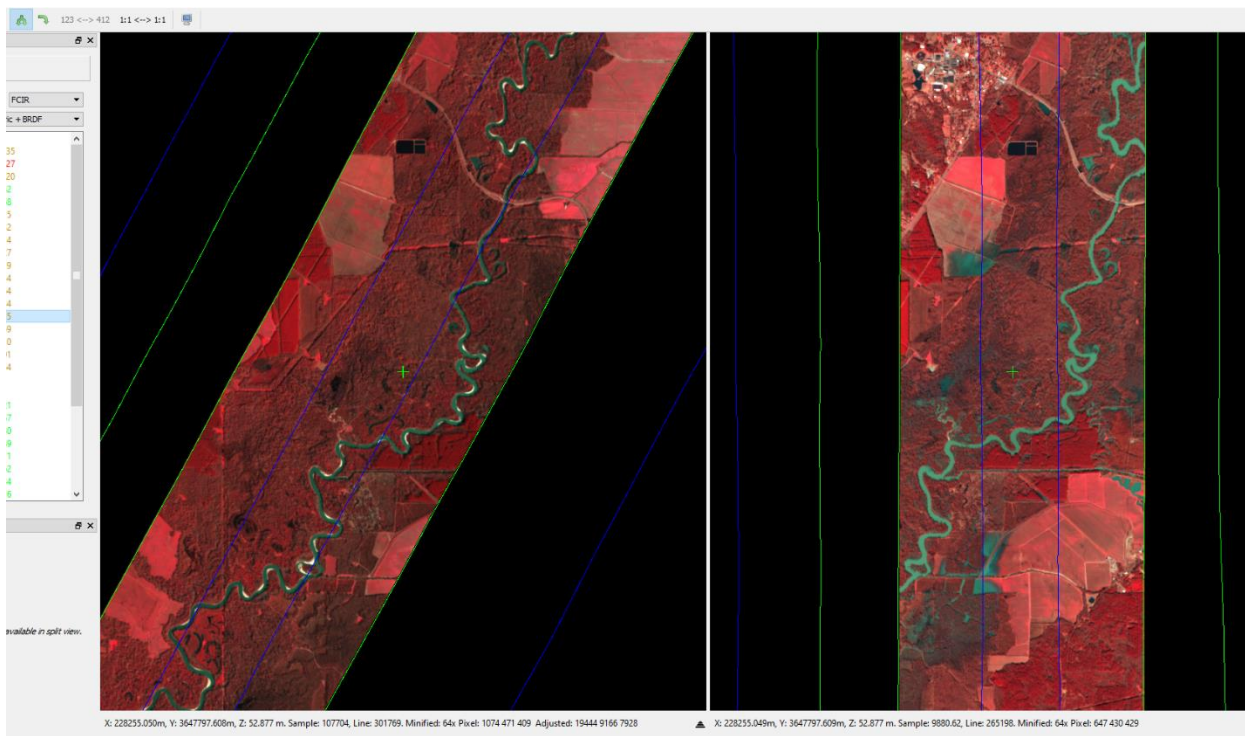
Good Afternoon,

Just thought I would share great news about the reflights.

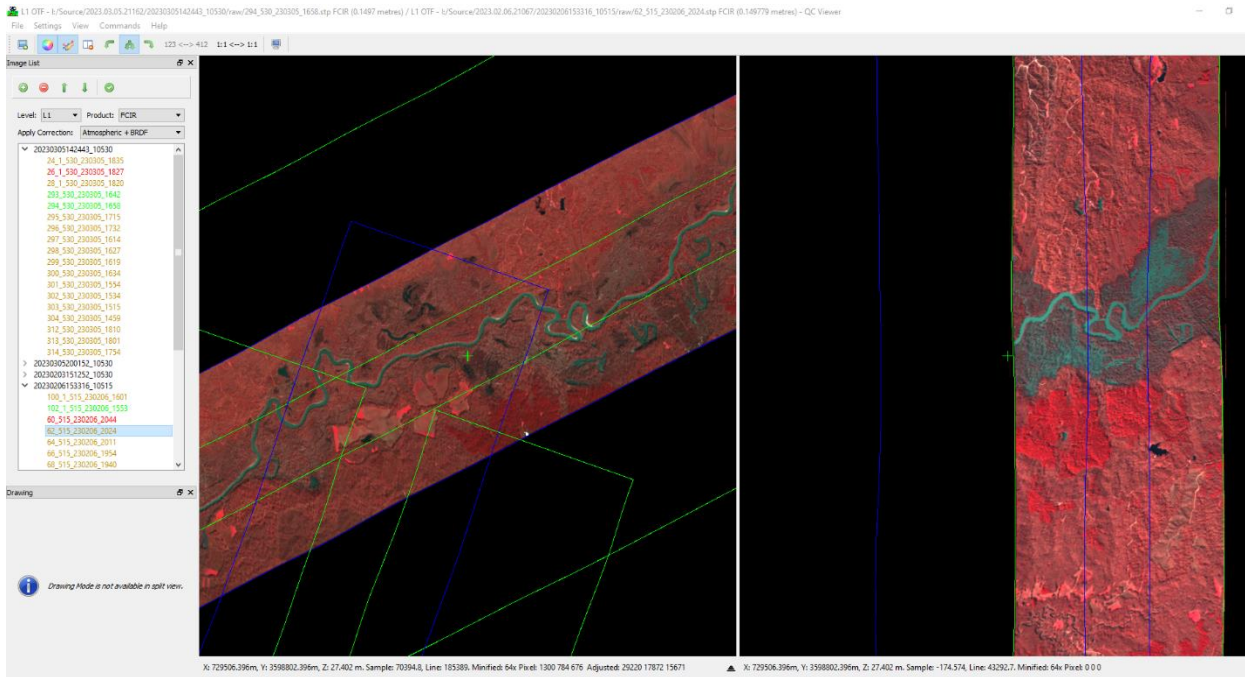
Below are a few screenshots of the receding water in the Big Black River along the Holmes and Attala County line.

The  looking color is showing water.

The image on the left is the reflight. The original image is on the right.



This is farther down river... still a bit of saturation but not as inundated. This portion of the river is on the northern end of the Warren and Hinds County.



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From: Cornell Rowan

Sent: Monday, March 6, 2023 9:43 AM

To: Stephen Champlin <schamplin@mdeq.ms.gov>; Hays Lambert <hlambert@atlasgeodata.com>; Larry Kirkpatrick <lkirkpatrick@atlasgeodata.com>; Zach Adams <zach.adams@waggonereng.com>; Brian Smith <brian.smith@waggonereng.com>

Cc: John Boeding <johnb@surdex.com>

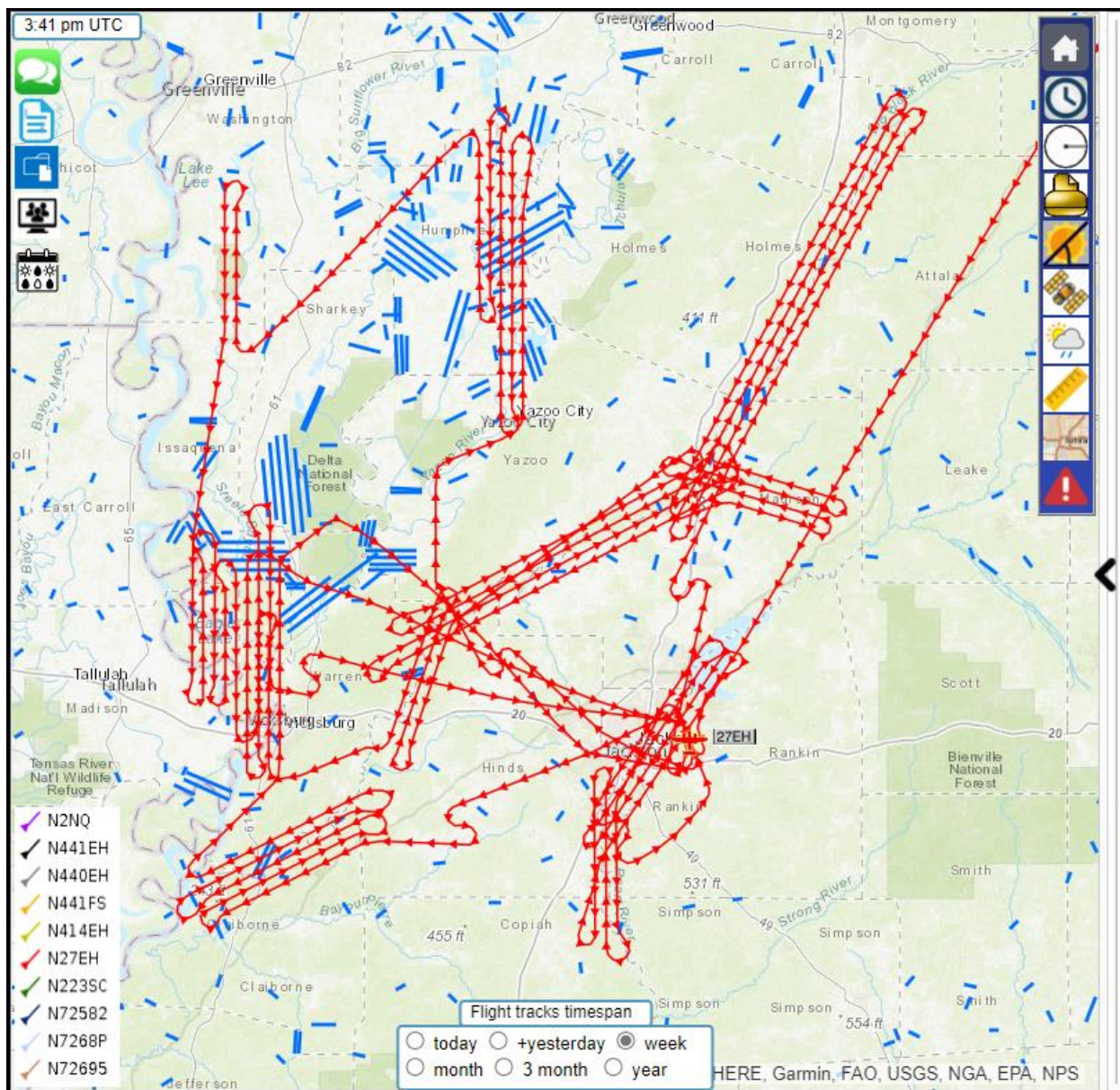
Subject: MS 2022-2023 - Water Reflights Status Update

Good Morning,

I am pleased to report that the reflight flightlines were **100%** acquired over the weekend. It required approximately 8hrs of on-line flying to complete.

Please do not hesitate to contact me if you have any questions or comments.

Thank you,





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From: Cornell Rowan

Sent: Friday, March 3, 2023 9:46 AM

To: Stephen Champlin <schamplin@mdeq.ms.gov>; Hays Lambert <hlambert@atlasgeodata.com>; Larry Kirkpatrick <lkirkpatrick@atlasgeodata.com>; Zach Adams <zach.adams@waggonereng.com>; Brian Smith <brian.smith@waggonereng.com>

Cc: John Boeding <johnb@surdex.com>

Subject: MS 2022-2023 - UPDATED Water Reflights

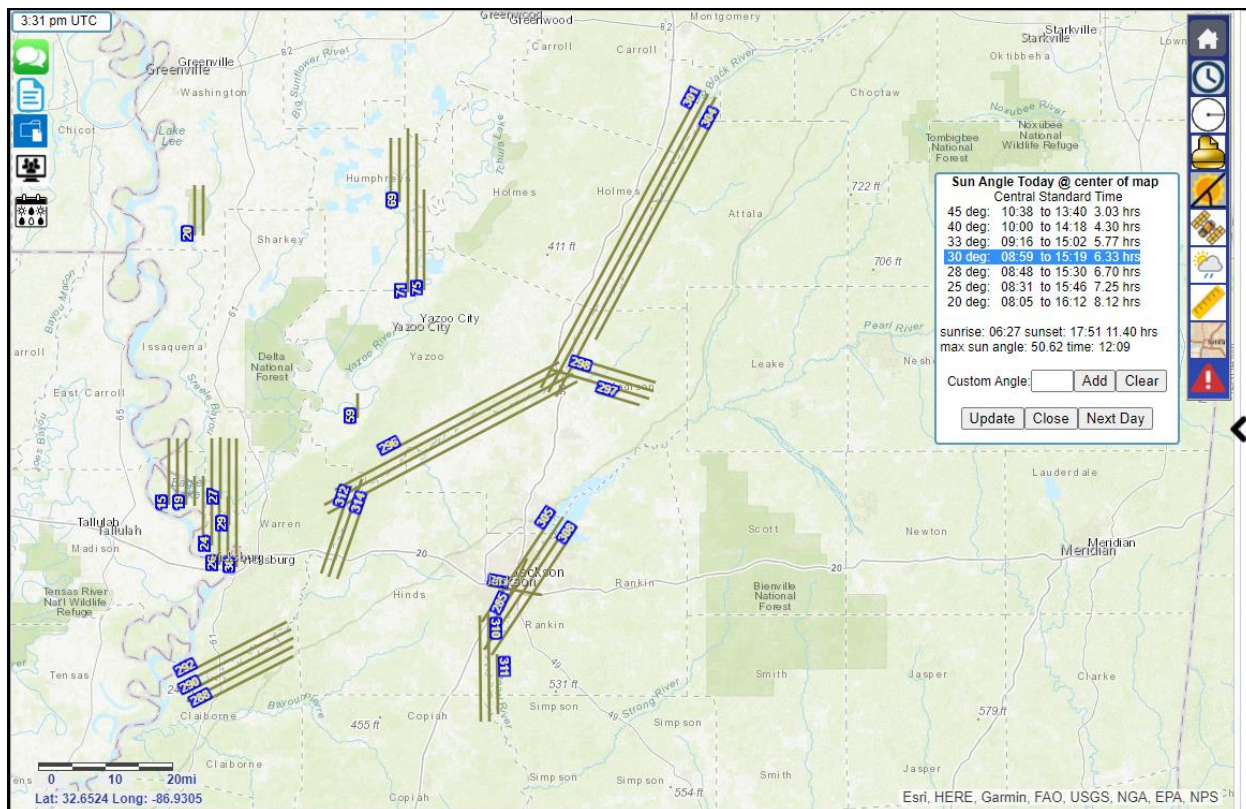
Good Morning,

Below is an updated image of the reflight flightlines that are scheduled to be acquired this weekend.

Please note that reflight flightlines have been added north and south of Vicksburg and on the Black River from the Mississippi River to north of Attala County.

Please do not hesitate to contact me if you know of an area that may have been overlooked.

Thank you,



Current conditions at

Jackson, Hawkins Field Airport (KHKS)

Lat: 32.33°N Lon: 90.22°W Elev: 341ft.



A Few Clouds
68°F
20°C

Humidity 76%
Wind Speed W 18 G 33 mph
Barometer 29.44 in (996.3 mb)
Dewpoint 60°F (16°C)
Visibility 10.00 mi
Last update 3 Mar 8:53 am CST

More Information:

[Local Forecast Office](#)
[More Local Wx](#)
[3 Day History](#)
[Mobile Weather](#)
[Hourly Weather Forecast](#)

Extended Forecast for

3 Miles SSE Flora MS

[Click here for hazard details and duration](#)

 NOW until 6:00pm Fri 20% Wind Advisory	 Today 20% Windy, Slight Chance T-storms then Sunny High: 74 °F	Tonight Partly Cloudy Low: 47 °F	Saturday Sunny High: 70 °F	Saturday Night Clear Low: 48 °F	Sunday Sunny High: 78 °F	Sunday Night Mostly Clear Low: 55 °F	Monday 20% Partly Sunny then Slight Chance Showers High: 83 °F	Monday Night 20% Slight Chance Showers Low: 66 °F
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From: Cornell Rowan

Sent: Wednesday, March 1, 2023 4:50 PM

To: Stephen Champlin <schamplin@mdeq.ms.gov>; Hays Lambert <hlambert@atlasgeodata.com>; Larry Kirkpatrick <lkirkpatrick@atlasgeodata.com>; Zach Adams <zach.adams@waggonereng.com>; Brian Smith <brian.smith@waggonereng.com>

Cc: John Boeding <johnb@surdex.com>

Subject: MS 2022-2023 - Pilot Imagery Locations

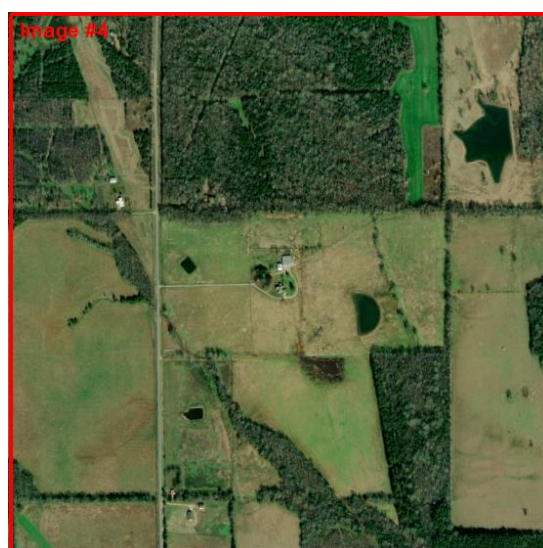
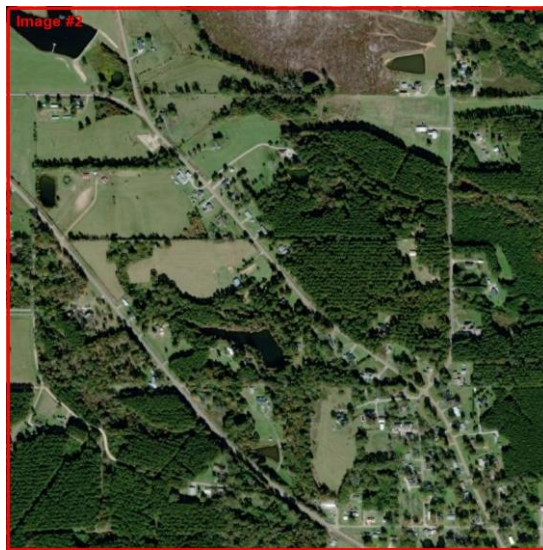
Good Evening,

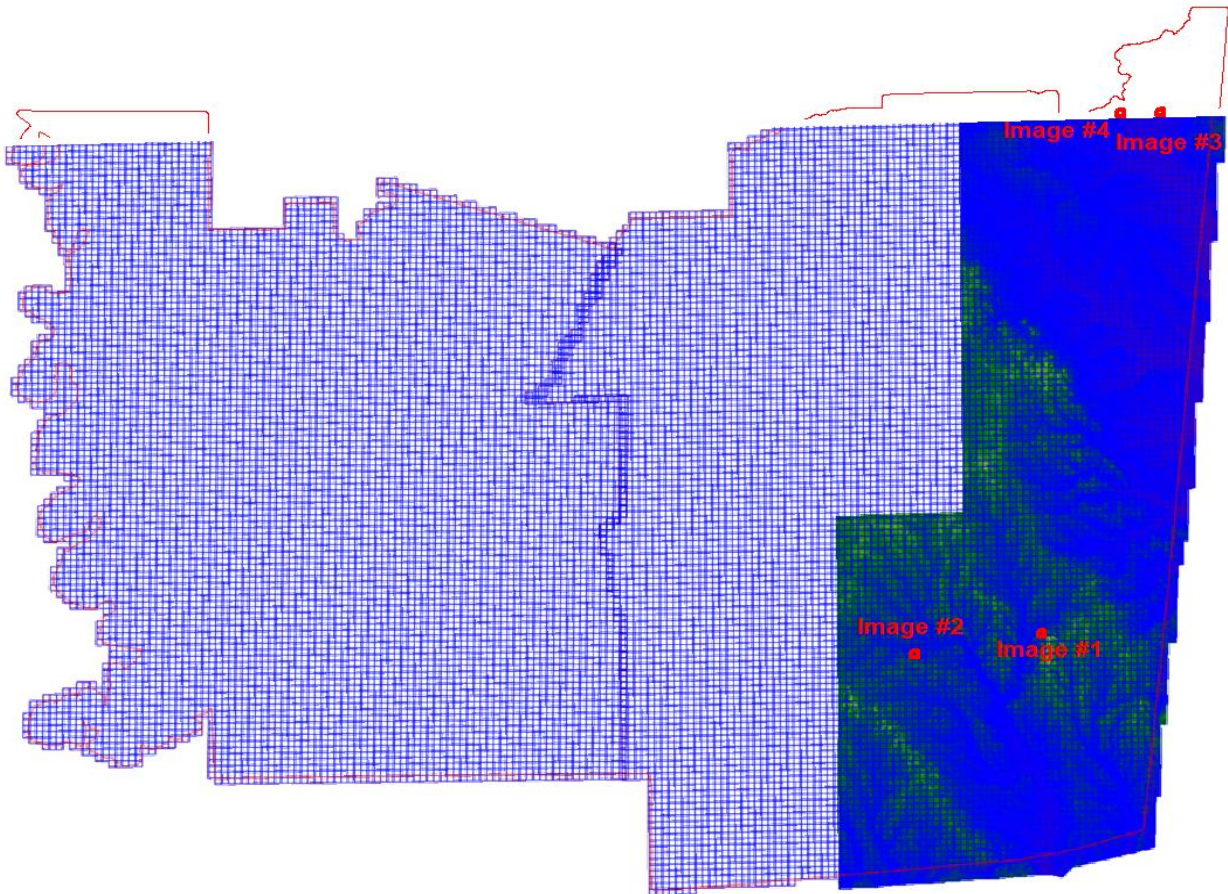
PLEASE NOTE: The images shown below are not from the Surdex acquired imagery. The images are from ArcMap BaseMap imagery.

The Pilot imagery locations are shown below. They were picked from the **BLUE** area because the imagery has been triangulated and is currently in the orthorectification phase of the project.

Please let me know if the locations are acceptable.

Thank you,





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Current conditions at
Jackson, Hawkins Field Airport (KHKS)
 Lat: 32.33°N Lon: 90.22°W Elev: 341ft.



Mostly Cloudy
72°F
 22°C

Humidity 84%
 Wind Speed S 12 mph
 Barometer 29.93 in (1012.8 mb)
 Dewpoint 67°F (19°C)
 Visibility 9.00 mi
 Last update 1 Mar 8:53 am CST

More Information:
[Local Forecast Office](#)
[More Local Wx](#)
[3 Day History](#)
[Mobile Weather](#)
[Hourly Weather Forecast](#)

Extended Forecast for
3 Miles SE Jackson MS

Today	Tonight	Thursday	Thursday Night	Friday	Friday Night	Saturday	Saturday Night	Sunday
Cloudy then Slight Chance T-storms	Slight Chance T-storms	Chance Showers then Severe Thunderstorms	Windy. Mostly Cloudy then Showers	Windy. Slight Chance T-storms then Sunny	Mostly Clear	Sunny	Clear	Sunny
High: 85 °F	Low: 68 °F	High: 83 °F	Low: 57 °F	High: 70 °F	Low: 45 °F	High: 69 °F	Low: 44 °F	High: 73 °F



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From: Cornell Rowan

Sent: Tuesday, February 28, 2023 11:32 AM

To: Stephen Champlin <schamplin@mdeq.ms.gov>; Hays Lambert <hlambert@atlasgeodata.com>; Larry Kirkpatrick <lkirkpatrick@atlasgeodata.com>; Zach Adams <zach.adams@waggonereng.com>; Brian Smith <brian.smith@waggonereng.com>

Cc: John Boeding <johnb@surdex.com>

Subject: MS 2022-2023 - Water Images


Hi Hays,

As you and Larry suggested in your email below, and as we discussed this morning, all areas shown in the images provided last week will be scheduled for a reflight to take place a few days after Thursday's rainfall. As many days after as possible to give the ground time to dry.

Surdex's ortho production team has also been asked to search for any other similar areas that may have been missed.

Thank you,

Current conditions at
Jackson, Jackson International Airport (KJAN)
Lat: 32.32°N Lon: 90.08°W Elev: 344ft.












Partly Cloudy
71°F
22°C

Humidity 66%
Wind Speed S 8 mph
Barometer 29.91 in (1012.5 mb)
Dewpoint 59°F (15°C)
Visibility 8.00 mi
Last update 28 Feb 9:54 am CST

More Information:
[Local Forecast Office](#)
[More Local Wx](#)
[3 Day History](#)
[Mobile Weather](#)
[Hourly Weather Forecast](#)

Extended Forecast for
2 Miles SSW Pearl MS

Today	Tonight	Wednesday	Wednesday Night	Thursday	Thursday Night	Friday	Friday Night	Saturday
								
Sunny	Increasing Clouds	Mostly Cloudy then Slight Chance T-storms	Slight Chance T-storms then Mostly Cloudy	Mostly Cloudy then Chance Showers	Chance Showers then Severe Thunderstorms	Sunny	Mostly Clear	Sunny
High: 82 °F	Low: 64 °F	High: 84 °F	Low: 68 °F	High: 85 °F	Low: 56 °F	High: 70 °F	Low: 45 °F	High: 68 °F



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From: Hays Lambert <hlambert@atlasgeodata.com>
Sent: Friday, February 24, 2023 2:07 PM
To: Cornell Rowan <cornellr@surdex.com>
Cc: Stephen Champlin <schamplin@mdeg.ms.gov>; Larry Kirkpatrick <lkirkpatrick@atlasgeodata.com>; Zach Adams <zach.adams@waggonereng.com>; Brian Smith <brian.smith@waggonereng.com>; John Boeding <johnb@surdex.com>
Subject: Re: MS 2022-2023 - Water Images

Cornell,

Larry and I feel that the majority of your "standing water in fields" examples warrant an attempt for a reflight. If the reflight results in the same issue, we will defend the final product with the local client.

Tri-State (Larry and I work with) works with the majority of the MS Counties and most of those Counties will follow the recommendation of Tri State should anyone have a concern.

If anyone objects to this guidance, let's keep the conversation going.

Thanks and have a great weekend!

Hays

From: Cornell Rowan
Sent: Thursday, February 23, 2023 8:27 PM
To: Stephen Champlin <schamplin@mdeg.ms.gov>; Hays Lambert <hlambert@atlasgeodata.com>; Larry Kirkpatrick <lkirkpatrick@atlasgeodata.com>; Zach Adams <zach.adams@waggonereng.com>; Brian Smith <brian.smith@waggonereng.com>
Cc: John Boeding <johnb@surdex.com>
Subject: MS 2022-2023 Early Access Image Service - Update

Good Evening,

The MS 2022-2023 Early Access Image Service has been updated to include imagery through 02/09/2023. The User Name and Password shown below can be used for both links.

User Name: **MS25co**
Password: **MS2022**

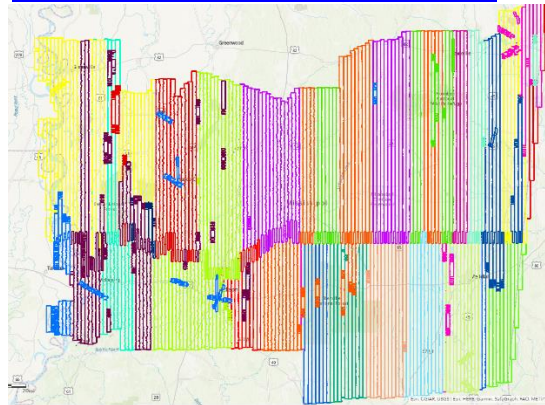
Please do not hesitate to contact me if you have any questions or comments.

Thank you,

[MS 2022-2023 Early Access Image Service](#)



[MS 2022-2023 Early Access Flightline Service](#)





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From: Cornell Rowan

Sent: Thursday, February 23, 2023 8:18 PM

To: 'Stephen Champlin' <schamplin@mdeg.ms.gov>; 'Hays Lambert' <hlambert@atlasgeodata.com>; 'Larry Kirkpatrick' <lkirkpatrick@atlasgeodata.com>; 'Zach Adams' <zach.adams@waggonereng.com>; 'Brian Smith' <brian.smith@waggonereng.com>

Cc: John Boeding <johnb@surdex.com>

Subject: MS 2022-2023 - Water Images

Good Evening,

I have reviewed flightlines 02/09/2023, 02/12/2023, & 02/13/2023 and my findings are attached. Please let me know what is or is not acceptable.

Thank you,



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From: Cornell Rowan

Sent: Tuesday, February 21, 2023 11:12 AM

To: Stephen Champlin <schamplin@mdeq.ms.gov>; Hays Lambert <hlambert@atlasgeodata.com>; Larry Kirkpatrick <lkirkpatrick@atlasgeodata.com>; Zach Adams <zach.adams@waggonereng.com>; Brian Smith <brian.smith@waggonereng.com>

Cc: John Boeding <johnb@surdex.com>

Subject: MS 2022-2023 Early Access Image Service - Update

Good Morning,

I have attached a shapefile showing water that has been accepted. All additional edit-calls have been re-flown to date.

To be used as a water edit-call guide, I shared the same water images (*attached*) with the inspection team that were shared with you all and accepted.

Please review the accepted calls and let me know if you have any questions or comments.

Thank you,



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From: Cornell Rowan

Sent: Thursday, February 16, 2023 10:40 AM

To: Stephen Champlin <schamplin@mdeq.ms.gov>; Hays Lambert <hlambert@atlasgeodata.com>; Larry Kirkpatrick <lkirkpatrick@atlasgeodata.com>; Zach Adams <zach.adams@waggonereng.com>; Brian Smith <brian.smith@waggonereng.com>

Cc: John Boeding <johnb@surdex.com>

Subject: MS 2022-2023 Early Access Image Service - Update

Good Morning,

The MS 2022-2023 Early Access Image Service has been updated to include imagery through 02/09/2023. The User Name and Password shown below can be used for both links.

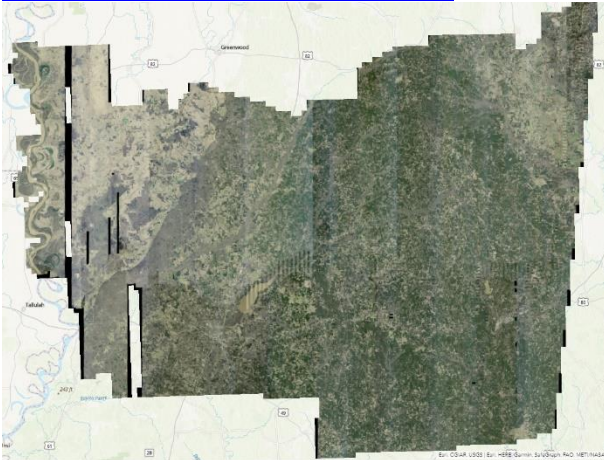
User Name: **MS25co**

Password: **MS2022**

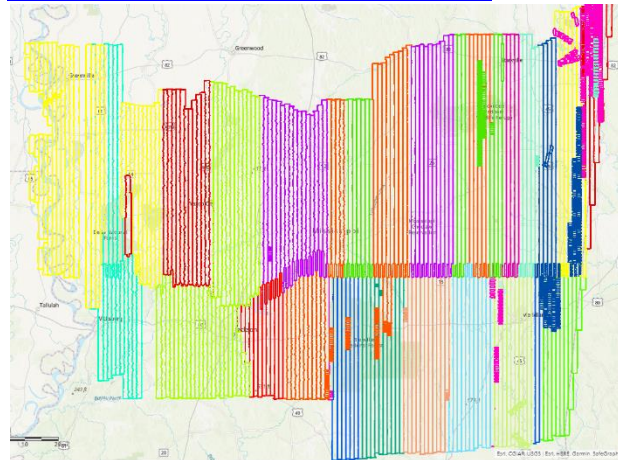
Please do not hesitate to contact me if you have any questions or comments.

Thank you,

[MS 2022-2023 Early Access Image Service](#)



[MS 2022-2023 Early Access Flightline Service](#)



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From: Cornell Rowan
Sent: Tuesday, February 14, 2023 10:48 AM
To: Stephen Champlin <schamplin@mdeq.ms.gov>; Hays Lambert <hlambert@atlasgeodata.com>; Larry Kirkpatrick <lkirkpatrick@atlasgeodata.com>; Zach Adams <zach.adams@waggonereng.com>; Brian Smith <brian.smith@waggonereng.com>
Cc: John Boeding <johnb@surdex.com>
Subject: Aerial Imagery Acquisition - Status Update S205

Good Morning,

I am pleased to report that **all** original flightlines and re-flightlines to date have been acquired.

After the two (2) missions flown yesterday (*Monday, February 13, 2023*), **12,792 (100%)** of the original **12,792** nautical flightline miles have been acquired.

At this time, Surdex is reviewing all acquired imagery searching for re-flights and welcomes any input and/or independent reviews. The raw imagery (*no edits*) can be reviewed on the Early Access Imagery Service.

[MS 2022-2023 Early Access Image Service](#)

User Name: **MS25co**

Password: **MS2022**

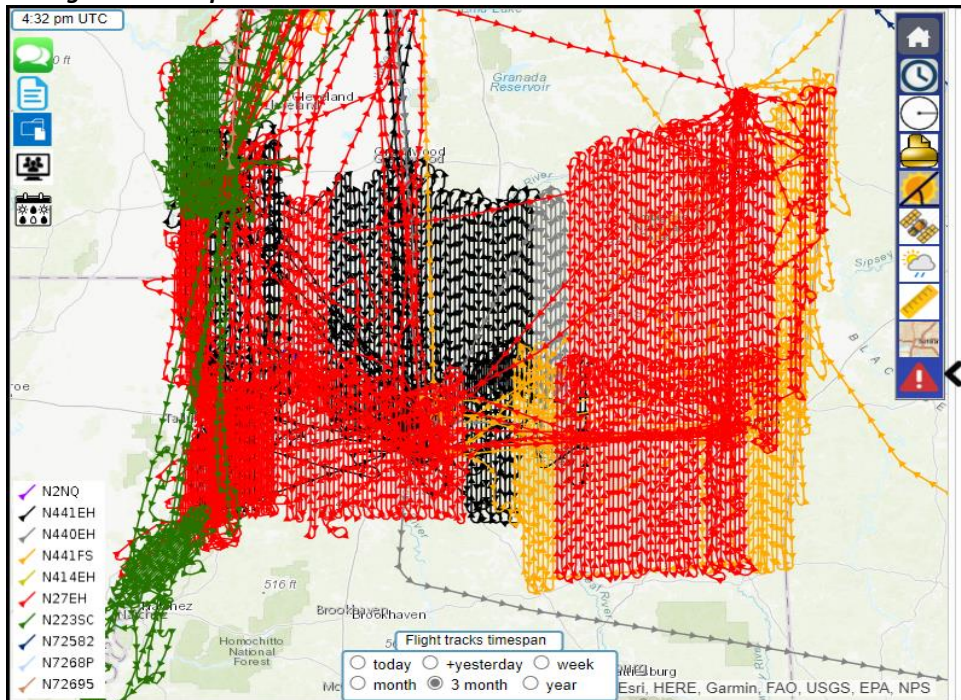
The *Flightlines_Acquired_asof_021323.shp* is attached. The *ms21096_021323.pdf* and *ms21097_021323.pdf* flight reports are also attached and have been placed on the ftp site.

[MS 2022-2023 Flight Reports](#)

Please do not hesitate to contact me at **any time** if you have questions or comments.

Thank you.

All Flightlines - Acquired to Date





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From: Cornell Rowan

Sent: Monday, February 13, 2023 9:54 AM

To: Stephen Champlin <schamplin@mdeq.ms.gov>; Hays Lambert <hlambert@atlasgeodata.com>; Larry Kirkpatrick <lkirkpatrick@atlasgeodata.com>; Zach Adams <zach.adams@waggonereng.com>; Brian Smith <brian.smith@waggonereng.com>

Cc: John Boeding <johnb@surdex.com>

Subject: Aerial Imagery Acquisition - Status Update S205

Good Morning,

Both crews were able acquire imagery yesterday, Sunday, February 12, 2023 and are currently on-line. The [Real Time Satellite Image](#) is currently showing a very thin layer of clouds moving across the AOI.

After the two (2) missions flown yesterday *Sunday, February 12, 2023*), **12,570 (98%)** of the **12,792** nautical flightline miles have been acquired to date. As a result, **222** nautical flightline miles are remaining to be acquired that will require **~2.5** online hours (*with one aircraft*) to complete the 6-inch resolution, 25 county area of interest (AOI).

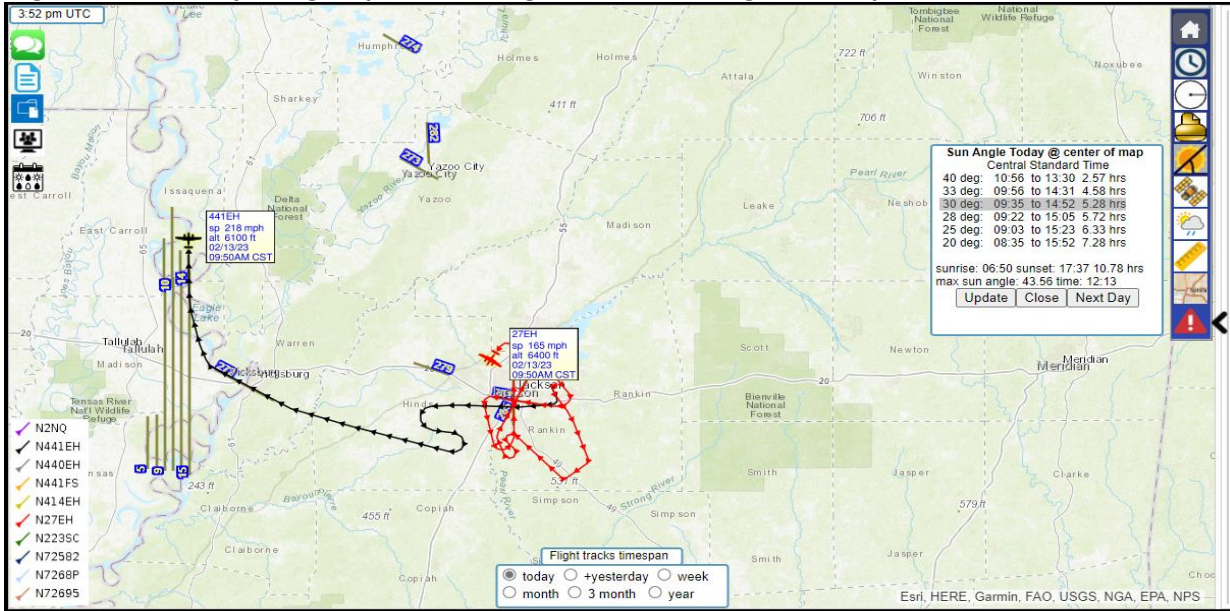
The *Flightlines_Acquired_asof_021223.shp* is attached. The *ms21089_021223.pdf* and *ms21090_021223.pdf* flight reports are also attached and have been placed on the ftp site.

[MS 2022-2023 Flight Reports](#)

Please do not hesitate to contact me at **any time** if you have questions or comments.


Thank you.

Flightlines Currently being Acquired and Flightlines Remaining to be Acquired



AOI - West

Current conditions at
Vicksburg Municipal (KVKS)
Lat: 32.23°N Lon: 90.93°W Elev: 105ft.



Fair
50°F
10°C

Humidity 76%
Wind Speed SW 6 mph
Barometer 30.12 in
Dewpoint 43°F (6°C)
Visibility 10.00 mi
Wind Chill 48°F (9°C)
Last update 13 Feb 8:35 am CST

More Information:
[Local Forecast Office](#)
[More Local WX](#)
[3 Day History](#)
[Mobile Weather](#)
[Hourly Weather Forecast](#)

Extended Forecast for
7 Miles WNW Edwards MS

Today	Tonight	Tuesday	Tuesday Night	Wednesday	Wednesday Night	Thursday	Thursday Night	Friday
Sunny	Increasing Clouds	Partly Sunny then Chance Showers	Chance Showers then Mostly Cloudy	Slight Chance Showers then Showers Likely	Showers then Severe Thunderstorms	Severe Thunderstorms then Chance T-storms	Slight Chance Showers then Mostly Cloudy	Sunny
High: 69 °F	Low: 47 °F	High: 72 °F	Low: 60 °F	High: 77 °F	Low: 63 °F	High: 67 °F	Low: 33 °F	High: 49 °F

AOI - East is Complete



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From: Cornell Rowan
Sent: Sunday, February 12, 2023 12:43 PM
To: 'Stephen Champlin' <schamplin@mdeg.ms.gov>; 'Hays Lambert' <hlambert@atlasgeodata.com>; 'Larry Kirkpatrick' <lkirkpatrick@atlasgeodata.com>; 'Zach Adams' <zach.adams@waggonereng.com>; 'Brian Smith' <brian.smith@waggonereng.com>
Cc: John Boeding <johnb@surdex.com>
Subject: Aerial Imagery Acquisition - Status Update S205

Good Afternoon,

Due to persistent cloud cover in the AOI, the crews were not able to acquire imagery on yesterday, Saturday, February 11, 2023. The [Real Time Satellite Image](#) is currently showing clear skies over the AOI.

As shown in the Flight Tracker image below, aircraft N27EH and aircraft N441EH are currently acquiring imagery.

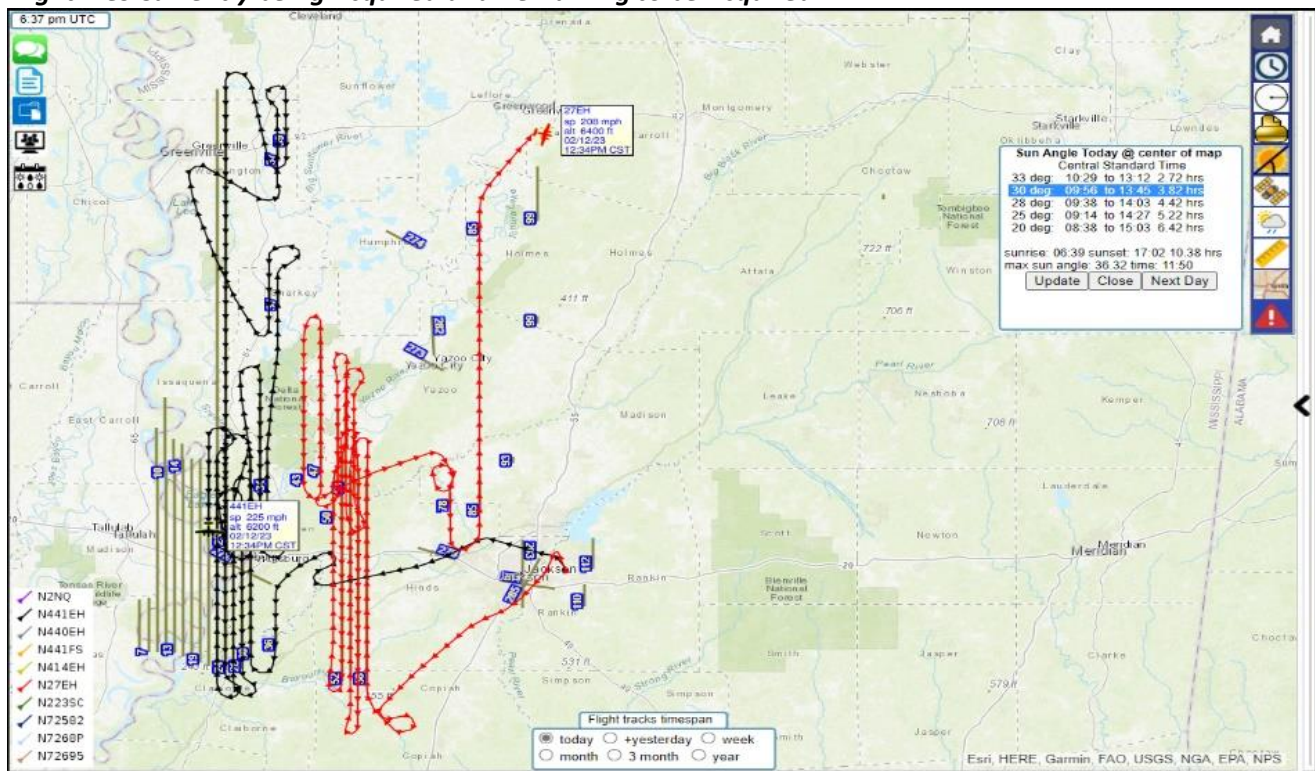
Referencing the weather forecast shown below, hopefully the remaining 7% will be completed today or tomorrow.

After the last mission flown Friday, February 10, 2023, **11,898 (93%)** of the **12,792** nautical flightline miles have been acquired to date. As a result, **894** nautical flightline miles are remaining to be acquired that will require **~8** online hours (*with one aircraft*) to complete the 6-inch resolution, 25 county area of interest (AOI).

Please do not hesitate to contact me at **any time** if you have questions or comments.


Thank you.

Flightlines Currently being Acquired and Remaining to be Acquired



AOI - West

Current conditions at
Vicksburg Municipal (KVKS)
 Lat: 32.23°N Lon: 90.93°W Elev: 105ft.



Fair
55°F
 13°C

Humidity 36%
 Wind Speed W 7 mph
 Barometer 30.14 in
 Dewpoint 28°F (-2°C)
 Visibility 10.00 mi
 Wind Chill 53°F (12°C)
 Last update 12 Feb 12:15 pm CST

More Information:
[Local Forecast Office](#)
[More Local Wx](#)
[3 Day History](#)
[Mobile Weather](#)
[Hourly Weather Forecast](#)

Extended Forecast for
5 Miles NNW Edwards MS

[Click here for hazard details and duration](#)

NOW until further notice
Flood Warning

Time	Weather	High	Low
This Afternoon	Sunny	59 °F	
Tonight	Mostly Clear		36 °F
Monday	Sunny	68 °F	
Monday Night	Increasing Clouds		46 °F
Tuesday	Partly Sunny then Chance Showers	72 °F	
Tuesday Night	Chance Showers		60 °F
Wednesday	Slight Chance Showers then Chance T-storms	74 °F	
Wednesday Night	T-storms Likely then Showers Likely		63 °F

Flood Gauges - NOAA - National Weather Service - Water

Auto Refresh: OFF

Print this map [Permalink](#) [BOOKMARK](#) [Facebook](#) [Twitter](#) [LinkedIn](#)

All Locations

Click on the map or select one of the data views below:

- United States
- NWS Weather Forecast Offices
- NWS River Forecast Centers
- Water Resources Regions

Probability and forecasts available
 Observations only available
 Forecasts available

10278 total gauges
 Show all locations in flood (64)

3 Gauges: Major Flooding
 4 Gauges: Moderate Flooding
 57 Gauges: Minor Flooding
 92 Gauges: Near Flood Stage
 6088 Gauges: No Flooding
 3073 Flood Category Not Defined
 6 At or Below Low Water Threshold
 620 Gauges: Observations Are Not Current
 335 Gauges: Out of Service

Show all locations

AOI - East is Complete



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www.linkedin.com/company/surdex

From: Cornell Rowan
Sent: Saturday, February 11, 2023 8:23 AM
To: Stephen Champlin <schamplin@mdeq.ms.gov>; Hays Lambert <hlambert@atlasgeodata.com>; Larry Kirkpatrick <lkirkpatrick@atlasgeodata.com>; Zach Adams <zach.adams@waggonereng.com>; Brian Smith <brian.smith@waggonereng.com>
Cc: John Boeding <johnb@surdex.com>
Subject: Aerial Imagery Acquisition - Status Update S205

Good Morning,

CORRECTION: Sent: Friday, February 10, 2023 9:46 AM, I reported **1,518** nautical flightline miles are remaining to be acquired. That should have read **938** nautical flightline miles are remaining to be acquired.

Due to a pilot illness and persistent clouds, one crew was able to acquire 4 flightlines before the clouds moved back into the AOI yesterday, Friday, February 10, 2023. The [Real Time Satellite Image](#) is currently showing clouds in the AOI.

Referencing the weather forecast below, hopefully the *Aerial Imagery Acquisition* phase of the project can be completed before or by the end of sun angle Monday.

After the mission flown yesterday (*Friday, February 10, 2023*), **11,898** (still 93%) of the **12,792** nautical flightline miles have been acquired to date. As a result, **894** nautical flightline miles are remaining to be acquired that will require **~8** online hours (*with one aircraft*) to complete the 6-inch resolution, 25 county area of interest (AOI).

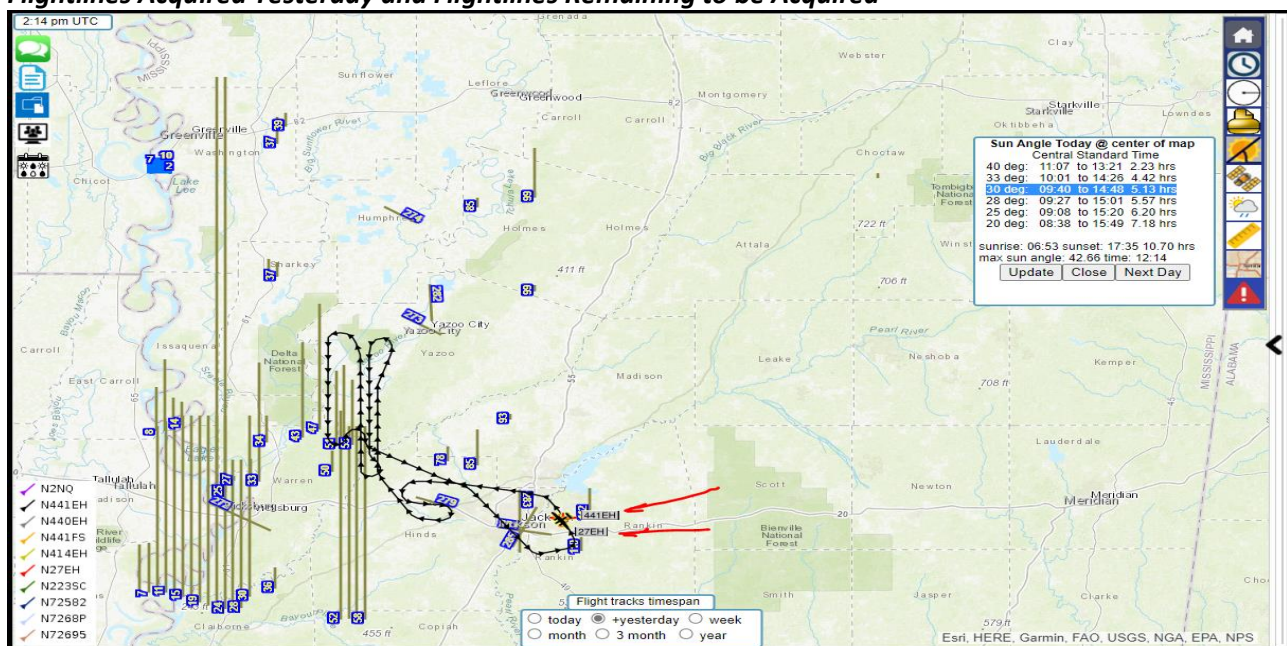
The *Flightlines_Acquired_asof_021023.shp* is attached. The *ms21078_021023.pdf* flight report is also attached and have been placed on the ftp site.

[MS 2022-2023 Flight Reports](#)

Please do not hesitate to contact me at **any time** if you have questions or comments.

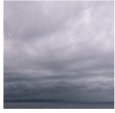
Thank you.

Flightlines Acquired Yesterday and Flightlines Remaining to be Acquired



AOI – West

Current conditions at
Vicksburg Municipal (KVKS)
 Lat: 32.23°N Lon: 90.93°W Elev: 105ft.



Overcast
45°F
 7°C

Humidity 87%
 Wind Speed NE 8 G 15 mph
 Barometer 30.20 in
 Dewpoint 41°F (5°C)
 Visibility 9.00 mi
 Wind Chill 41°F (5°C)
 Last update 11 Feb 7:55 am CST

More Information:
[Local Forecast Office](#)
[More Local Wx](#)
[3 Day History](#)
[Mobile Weather](#)
[Hourly Weather Forecast](#)

Extended Forecast for
8 Miles NE Vicksburg MS

Today	Tonight	Sunday	Sunday Night	Monday	Monday Night	Tuesday	Tuesday Night	Wednesday
Slight Chance Showers then Showers Likely	Chance Showers then Areas Frost	Areas Frost then Sunny	Mostly Clear	Sunny	Mostly Cloudy	Slight Chance Showers then Chance Showers	Chance Showers	Chance Showers then Severe Thunderstorms
High: 50 °F	Low: 33 °F	High: 59 °F	Low: 38 °F	High: 67 °F	Low: 46 °F	High: 69 °F	Low: 59 °F	High: 74 °F

AOI – East is Complete



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From: Cornell Rowan

Sent: Friday, February 10, 2023 2:59 PM

To: Stephen Champlin <schamplin@mdeq.ms.gov>; Hays Lambert <hlambert@atlasgeodata.com>; Larry Kirkpatrick <lkirkpatrick@atlasgeodata.com>; Zach Adams <zach.adams@waggonereng.com>; Brian Smith <brian.smith@waggonereng.com>

Cc: John Boeding <johnb@surdex.com>

Subject: MS 2022-2023 Early Access Image Service - Update

Good Afternoon,

NOTE: Please review the imagery that is on the Early Access Image Service as soon as you can. If we have relights, the plan is to acquire them as soon as possible.

The MS 2022-2023 Early Access Image Service has been updated to include imagery through 02/06/2023. The User Name and Password shown below can be used for both links.

User Name: **MS25co**

Password: **MS2022**

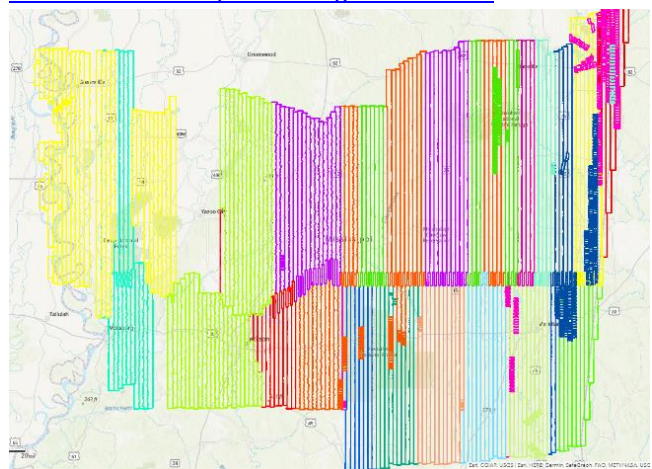
Please do not hesitate to contact me if you have any questions or comments.

Thank you,

[MS 2022-2023 Early Access Image Service](#)



[MS 2022-2023 Early Access Flightline Service](#)



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www.linkedin.com/company/surdex

From: Cornell Rowan
Sent: Friday, February 10, 2023 9:46 AM
To: Stephen Champlin <schamplin@mdeq.ms.gov>; Hays Lambert <hlambert@atlasgeodata.com>; Larry Kirkpatrick <lkirkpatrick@atlasgeodata.com>; Zach Adams <zach.adams@waggonereng.com>; Brian Smith <brian.smith@waggonereng.com>
Cc: John Boeding <johnb@surdex.com>
Subject: Aerial Imagery Acquisition - Status Update S205

Good Morning,

Due to a pilot illness, one crew was able to acquire imagery yesterday, Thursday, February 09, 2023. The [Real Time Satellite Image](#) is currently showing a thin layer of clouds overing the AOI.

After the mission flown yesterday (*Thursday, February 09, 2023*), **11,854 (93%)** of the **12,792** nautical flightline miles have been acquired to date. As a result, **1,518** nautical flightline miles are remaining to be acquired that will require **~9** online hours (*with one aircraft*) to complete the 6-inch resolution, 25 county area of interest (AOI).

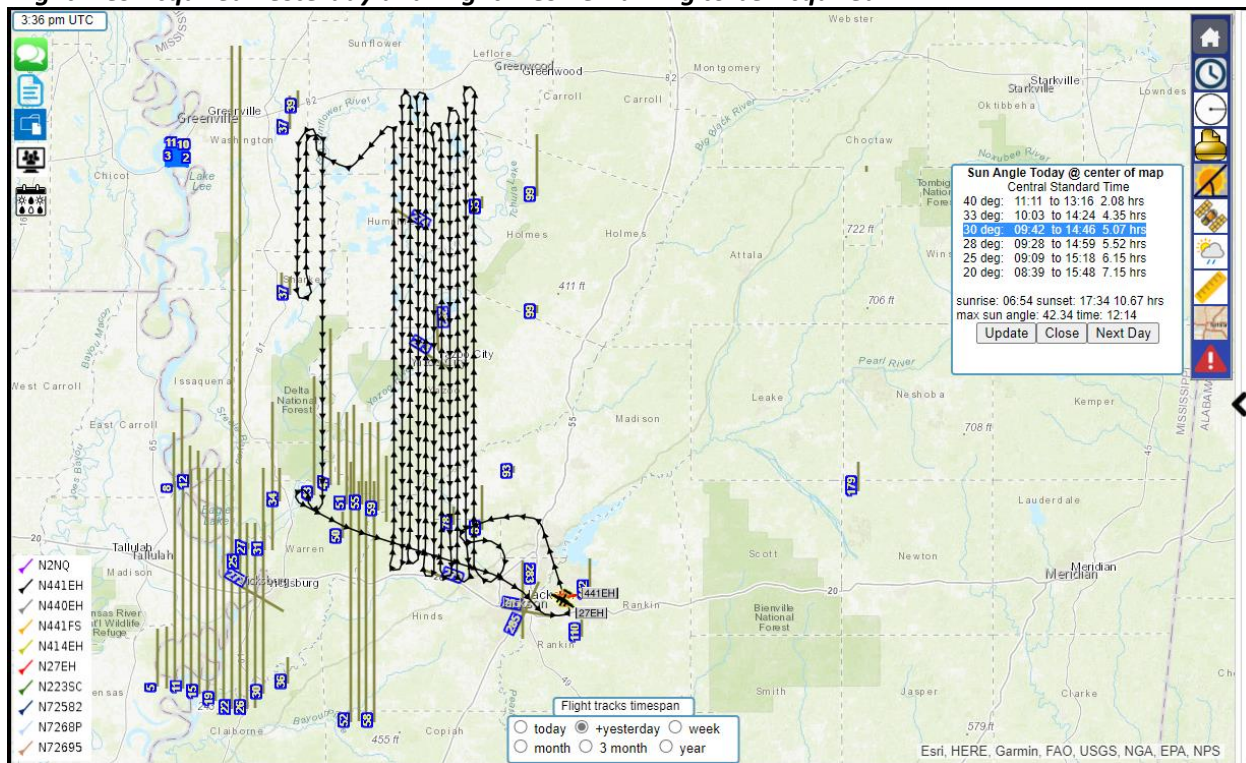
The *Flightlines_Acquired_asof_020923.shp* is attached. The *ms21077_020923.pdf* flight report is also attached and have been placed on the ftp site.

[MS 2022-2023 Flight Reports](#)

Please do not hesitate to contact me at **any time** if you have questions or comments.

Thank you.

Flightlines Acquired Yesterday and Flightlines Remaining to be Acquired



AOI - West

Current conditions at

Vicksburg, Vicksburg / Tallulah Regional Airport (KTVR)

Lat: 32.35°N Lon: 91.03°W Elev: 85ft.



Fair
52°F
11°C

Humidity 75%
Wind Speed NE 8 mph
Barometer 30.23 in (1024.4 mb)
Dewpoint 44°F (7°C)
Visibility 10.00 mi
Wind Chill 49°F (9°C)
Last update 10 Feb 8:53 am CST

More Information:

[Local Forecast Office](#)
[More Local Wx](#)
[3 Day History](#)
[Mobile Weather](#)
[Hourly Weather Forecast](#)

Extended Forecast for

6 Miles WSW Sartatia MS

Today



Partly Sunny

High: 62 °F

Tonight



Mostly Cloudy
then Slight
Chance Rain

Low: 40 °F

Saturday



Chance
Showers

High: 49 °F

Saturday
Night



Decreasing
Clouds

Low: 32 °F

Sunday



Sunny

High: 57 °F

Sunday
Night



Partly Cloudy

Low: 37 °F

Monday



Mostly Sunny

High: 64 °F

Monday
Night



Mostly Cloudy

Low: 47 °F

Tuesday



Showers
Likely and
Windy

High: 66 °F

AOI – East is Complete



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From: Cornell Rowan

Sent: Thursday, February 9, 2023 12:13 PM

To: Stephen Champlin <schamplin@mdeq.ms.gov>; Hays Lambert <hlambert@atlasgeodata.com>; Larry Kirkpatrick <lkirkpatrick@atlasgeodata.com>; Zach Adams <zach.adams@waggonereng.com>; Brian Smith <brian.smith@waggonereng.com>

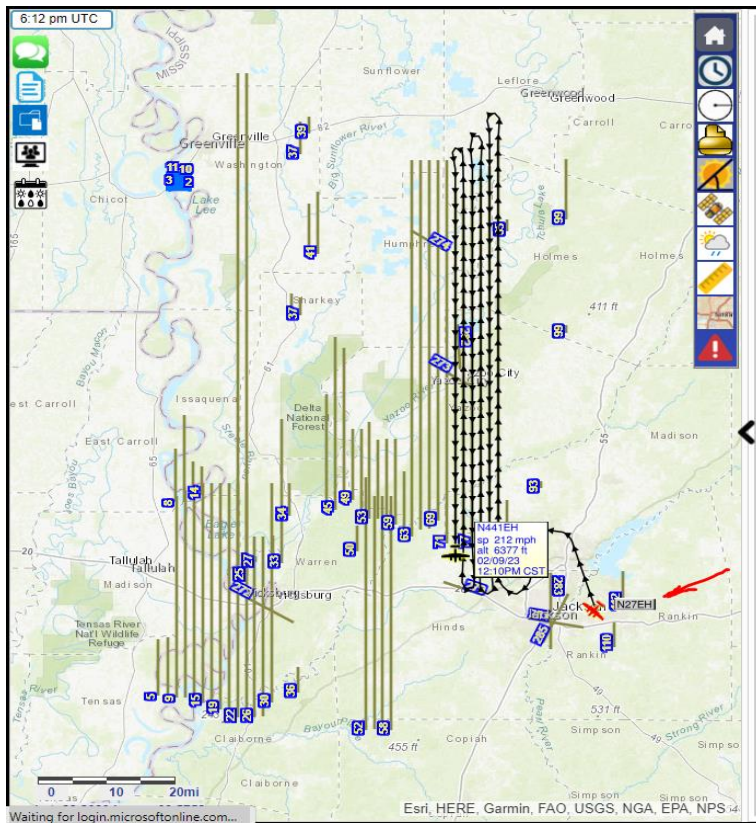
Cc: John Boeding <johnb@surdex.com>

Subject: Aerial Imagery Acquisition - Status Update S205

Good Afternoon,

The Pilot manning aircraft N27EH is ill today and cannot flight.

Thank you,



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From: Cornell Rowan
Sent: Thursday, February 9, 2023 9:22 AM
To: Stephen Champlin <schamplin@mdeq.ms.gov>; Hays Lambert <hlambert@atlasgeodata.com>; Larry Kirkpatrick <lkirkpatrick@atlasgeodata.com>; Zach Adams <zach.adams@waggonereng.com>; Brian Smith <brian.smith@waggonereng.com>
Cc: John Boeding <johnb@surdex.com>
Subject: Aerial Imagery Acquisition - Status Update S205

Good Morning,

Due to persistent cloud cover in the AOI, the crews were not able to acquire imagery on yesterday, Wednesday, February 08, 2023. The [Real Time Satellite Image](#) is currently showing clouds moving through the AOI.

As shown in the Flight Tracker image below, aircraft N27EH and aircraft N441EH are still in the AOI to take advantage of any opportunity to resume acquiring imagery.

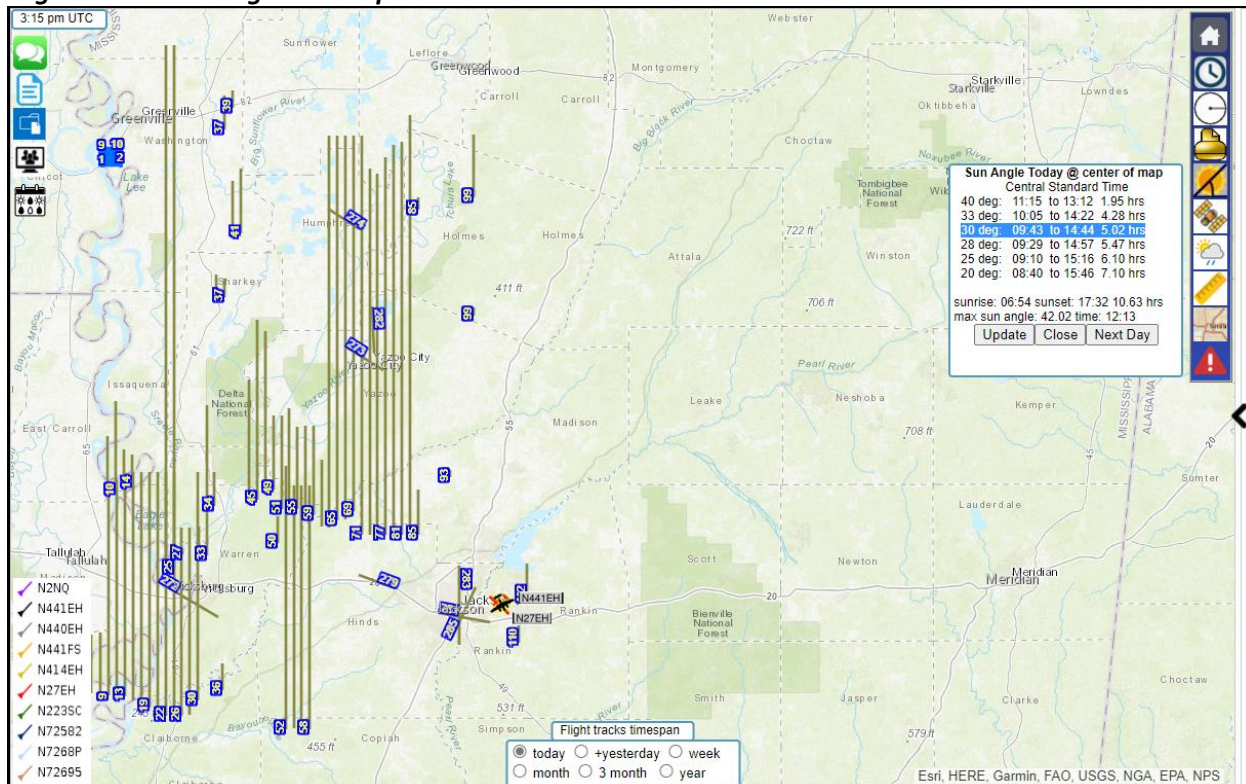
Referencing the weather forecast shown below, hopefully, today, maybe Friday, and Sunday will be favorable so the remaining 12% shown on the flight tracker can be completed.

After the last 2 missions flown on Monday, February 06, 2023, **11,274 (88%)** of the **12,792** nautical flightline miles have been acquired to date. As a result, **1,518** nautical flightline miles are remaining to be acquired that will require **~12.5** online hours (*with one aircraft*) to complete the 6-inch resolution, 25 county area of interest (AOI).

Please do not hesitate to contact me at **any time** if you have questions or comments.


Thank you.

Flightlines remaining to be Acquired












AOI – West

Current conditions at
Greenwood, Greenwood-LeFlore Airport (KGWO)
Lat: 33.49°N Lon: 90.08°W Elev: 154ft.

	Mostly Cloudy	Humidity 68%	More Information: Local Forecast Office More Local Wx 3 Day History Mobile Weather Hourly Weather Forecast
	50°F 10°C	Wind Speed Vrbl 7 G 20 mph Barometer 30.12 in (1019.8 mb) Dewpoint 40°F (4°C) Visibility 10.00 mi Wind Chill 47°F (8°C) Last update 9 Feb 8:53 am CST	

Extended Forecast for
6 Miles E Louise MS

Today	Tonight	Friday	Friday Night	Saturday	Saturday Night	Sunday	Sunday Night	Monday
								
Sunny	Increasing Clouds	Increasing Clouds	Chance Showers	Chance Showers	Mostly Clear	Sunny	Mostly Cloudy	Partly Sunny
High: 62 °F	Low: 42 °F	High: 62 °F	Low: 40 °F	High: 49 °F	Low: 30 °F	High: 55 °F	Low: 38 °F	High: 62 °F

AOI – East is complete



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From: Cornell Rowan

Sent: Thursday, February 9, 2023 9:11 AM

To: 'Stephen Champlin' <schamplin@mdeg.ms.gov>; 'Hays Lambert' <hlambert@atlasgeodata.com>; 'Larry Kirkpatrick' <lkirkpatrick@atlasgeodata.com>; 'Zach Adams' <zach.adams@waggonereng.com>; 'Brian Smith' <brian.smith@waggonereng.com>

Cc: John Boeding <johnb@surdex.com>

Subject: MS 2022-2023 Early Access Image Service - Update

Good Morning,

The MS 2022-2023 Early Access Image Service has been updated to include imagery through 02/04/2023. The User Name and Password shown below can be used for both links.

User Name: **MS25co**

Password: **MS2022**

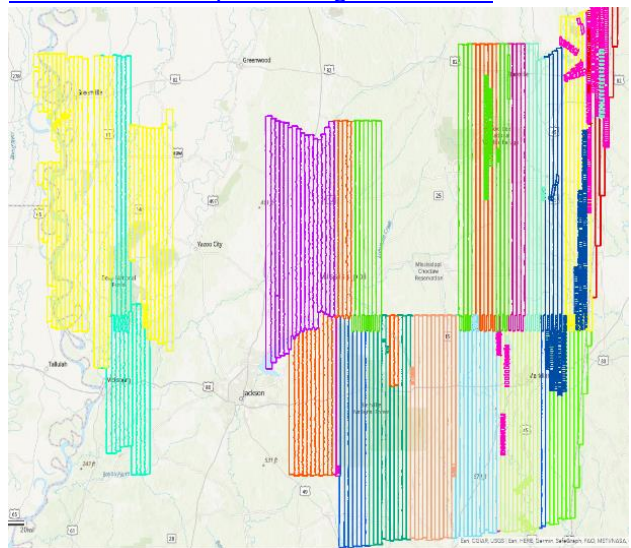
Please do not hesitate to contact me if you have any questions or comments.

Thank you,

[MS 2022-2023 Early Access Image Service](#)



[MS 2022-2023 Early Access Flightline Service](#)



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From: Cornell Rowan
Sent: Wednesday, February 8, 2023 12:02 PM
To: Stephen Champlin <schamplin@mdeq.ms.gov>; Hays Lambert <hlambert@atlasgeodata.com>; Larry Kirkpatrick <lkirkpatrick@atlasgeodata.com>; Zach Adams <zach.adams@waggonereng.com>; Brian Smith <brian.smith@waggonereng.com>
Cc: John Boeding <johnb@surdex.com>
Subject: Aerial Imagery Acquisition - Status Update S205

Good Afternoon,

Due to persistent cloud cover in the AOI, the crews were not able to acquire imagery on yesterday, Tuesday, February 07, 2023. The [Real Time Satellite Image](#) is currently showing thick clouds covering the AOI.

As shown in the Flight Tracker image below, aircraft N27EH and aircraft N441EH are still in the AOI to take advantage of any opportunity to resume acquiring imagery.

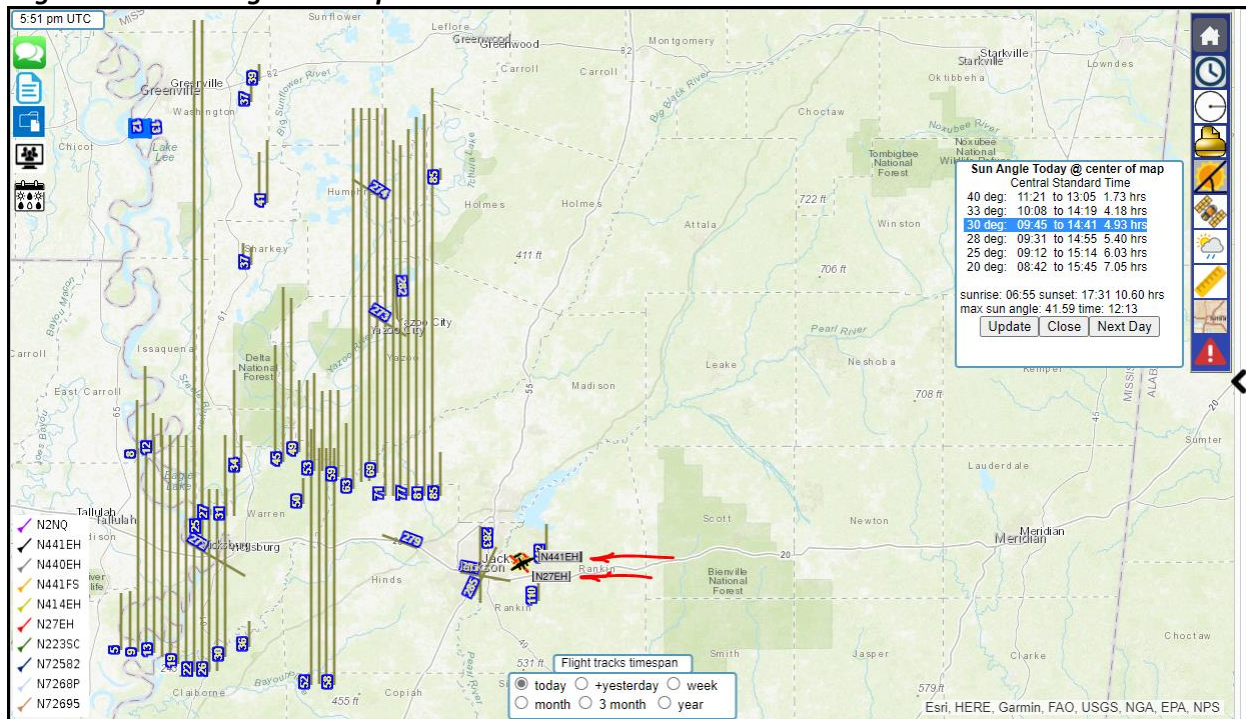
Referencing the weather forecast shown below, hopefully, Thursday and Sunday will be favorable so the remaining 12% shown on the flight tracker can be completed.

After the last 2 missions flown on Monday, February 06, 2023, **11,274 (88%)** of the **12,792** nautical flightline miles have been acquired to date. As a result, **1,518** nautical flightline miles are remaining to be acquired that will require **~12.5** online hours (*with one aircraft*) to complete the 6-inch resolution, 25 county area of interest (AOI).

Please do not hesitate to contact me at **any time** if you have questions or comments.


Thank you.

Flightlines remaining to be Acquired












AOI – West

Current conditions at
Greenwood, Greenwood-LeFlore Airport (KGWO)
Lat: 33.49°N Lon: 90.08°W Elev: 154ft.

 Light Rain 69°F 21°C	Humidity 84% Wind Speed S 13 mph Barometer 30.11 in (1019.3 mb) Dewpoint 64°F (18°C) Visibility 10.00 mi Last update 8 Feb 10:53 am CST	More Information: Local Forecast Office More Local Wx 3 Day History Mobile Weather Hourly Weather Forecast
--	--	--

Extended Forecast for
4 Miles W Eden MS

Today	Tonight	Thursday	Thursday Night	Friday	Friday Night	Saturday	Saturday Night	Sunday
 50%	 90%				 20%	 20%		
Chance T-storms	Severe Thunderstorms	Sunny	Mostly Clear	Partly Sunny	Mostly Cloudy then Slight Chance Rain	Slight Chance Rain	Mostly Clear	Sunny
High: 76 °F	Low: 48 °F	High: 62 °F	Low: 44 °F	High: 56 °F	Low: 35 °F	High: 46 °F	Low: 30 °F	High: 55 °F

AOI – East is complete



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From: Cornell Rowan
Sent: Tuesday, February 7, 2023 10:38 AM
To: Stephen Champlin <schamplin@mdeq.ms.gov>; Hays Lambert <hlambert@atlasgeodata.com>; Larry Kirkpatrick <lkirkpatrick@atlasgeodata.com>; Zach Adams <zach.adams@waggonereng.com>; Brian Smith <brian.smith@waggonereng.com>
Cc: John Boeding <johnb@surdex.com>
Subject: Aerial Imagery Acquisition - Status Update S205

Good Morning,

Both crews were able acquire imagery yesterday, Monday, February 06, 2023. The [Real Time Satellite Image](#) is currently showing clouds covering the AOI.

As shown in the Flight Tracker image below, aircraft N27EH and aircraft N441EH are still in the AOI to take advantage of any opportunity to acquire imagery. The crews are reporting no flooding and no major standing water in the fields in the last six (6) missions flown (2X02/03/23, 2X02/04/23, & 2X02/05/23).

After the 2 missions flown yesterday (Monday, February 06, 2023), **11,274 (88%)** of the **12,792** nautical flightline miles have been acquired to date. As a result, **1,518** nautical flightline miles are remaining to be acquired that will require **~12.5** online hours (with one aircraft) to complete the 6-inch resolution, 25 county area of interest (AOI).

The *Flightlines_Acquired_asof_020623.shp* is attached. The *ms21067_020623.pdf*, and *ms21068_020623.pdf* flight reports are also attached and have been placed on the ftp site.

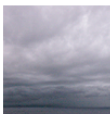
[MS 2022-2023 Flight Reports](#)

Please do not hesitate to contact me at **any time** if you have questions or comments.

Thank you.

Flightlines Acquired Yesterday and Flightlines Remaining to be Acquired

Current conditions at
Jackson, Hawkins Field Airport (KHKS)
 Lat: 32.33°N Lon: 90.22°W Elev: 341ft.












Overcast
56°F
 13°C

Humidity 87%
 Wind Speed Calm
 Barometer 30.21 in (1022.4 mb)
 Dewpoint 52°F (11°C)
 Visibility 10.00 mi
 Last update 7 Feb 8:53 am CST

More Information:
[Local Forecast Office](#)
[More Local Wx](#)
[3 Day History](#)
[Mobile Weather](#)
[Hourly Weather Forecast](#)

Extended Forecast for
7 Miles E Holly Bluff MS

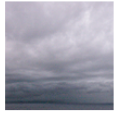
Today	Tonight	Wednesday	Wednesday Night	Thursday	Thursday Night	Friday	Friday Night	Saturday
								
Slight Chance Showers then Mostly Sunny	Mostly Cloudy	Slight Chance T-storms then Chance T-storms	Showers and Windy	Slight Chance Showers then Sunny	Mostly Clear	Partly Sunny	Partly Cloudy	Sunny
High: 71 °F	Low: 60 °F	High: 76 °F	Low: 51 °F	High: 64 °F	Low: 44 °F	High: 53 °F	Low: 34 °F	High: 50 °F

AOI – West

Current conditions at

Jackson, Hawkins Field Airport (KHKS)

Lat: 32.33°N Lon: 90.22°W Elev: 341ft.



Overcast
56°F
13°C

Humidity 87%
Wind Speed Calm
Barometer 30.21 in (1022.4 mb)
Dewpoint 52°F (11°C)
Visibility 10.00 mi
Last update 7 Feb 8:53 am CST

More Information:

[Local Forecast Office](#)
[More Local Wx](#)
[3 Day History](#)
[Mobile Weather](#)
[Hourly Weather Forecast](#)

Extended Forecast for

7 Miles E Holly Bluff MS

Today



Slight Chance
Showers then
Mostly Sunny

High: 71 °F

Tonight



Mostly Cloudy

Low: 60 °F

Wednesday



Slight Chance
T-storms then
Chance
T-storms

High: 76 °F

Wednesday
Night



Showers and
Windy

Low: 51 °F

Thursday



Slight Chance
Showers then
Sunny

High: 64 °F

Thursday
Night



Mostly Clear

Low: 44 °F

Friday



Partly Sunny

High: 53 °F

Friday
Night



Partly Cloudy

Low: 34 °F

Saturday



Sunny

High: 50 °F

AOI – East is Complete



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HELP US PREVENT PAYMENT FRAUD – Surdex will adhere to the original payment processing method in our contract. Surdex will not contact you to change payment processing methods. Surdex requests all questions or concerns be directed to Surdex Corporation, Accounting.

From: Cornell Rowan
Sent: Monday, February 6, 2023 10:33 AM
To: 'Stephen Champlin' <schamplin@mdeg.ms.gov>; 'Hays Lambert' <hlambert@atlasgeodata.com>; 'Larry Kirkpatrick' <lkirkpatrick@atlasgeodata.com>; 'Zach Adams' <zach.adams@waggonereng.com>; 'Brian Smith' <brian.smith@waggonereng.com>
Cc: John Boeding <johnb@surdex.com>
Subject: Aerial Imagery Acquisition - Status Update S205

Good Morning,

Due to persistent clouds moving into the AOI, both crews were forced to cut the missions short yesterday, Sunday, February 05, 2023. The [Real Time Satellite Image](#) is currently showing clear skies in the AOI.

As shown in the Flight Tracker image below, aircraft N27EH and aircraft N441EH are currently acquiring imagery.

After the 2 missions flown yesterday (*Sunday, February 05, 2023*), **9,984 (78%)** of the **12,792** nautical flightline miles have been acquired to date. As a result, **2,808** nautical flightline miles are remaining to be acquired that will require **~22** online hours (*with one aircraft*) to complete the 6-inch resolution, 25 county area of interest (AOI).

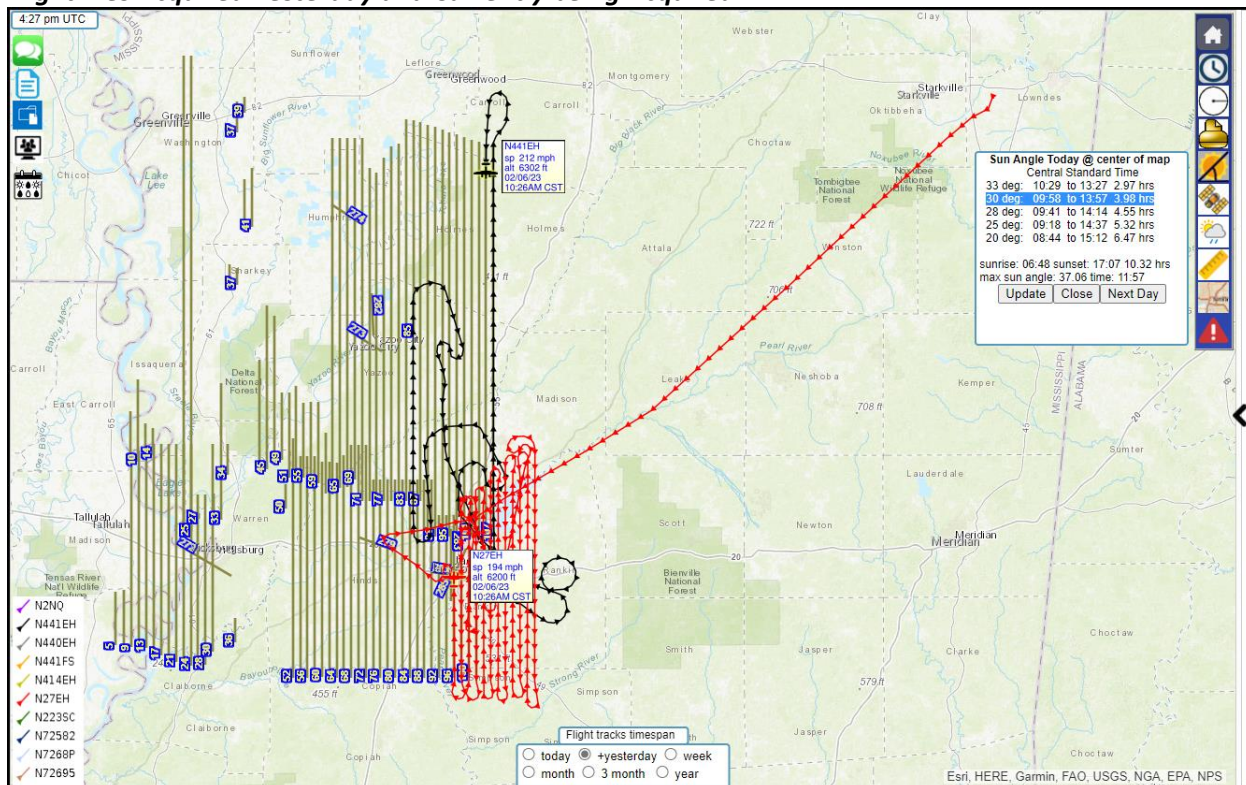
The *Flightlines_Acquired_asof_020523.shp* is attached. The *ms21060_020523.pdf*, and *ms21062_020523.pdf* flight reports are also attached and have been placed on the ftp site.

[MS 2022-2023 Flight Reports](#)

Please do not hesitate to contact me at **any time** if you have questions or comments.

Thank you.

Flightlines Acquired Yesterday and Currently being Acquired



AOI – West

Current conditions at

Jackson, Hawkins Field Airport (KHKS)

Lat: 32.33°N Lon: 90.22°W Elev: 341ft.



Fair
58°F
14°C

Humidity 65%
Wind Speed SE 9 mph
Barometer 30.24 in (1023.5 mb)
Dewpoint 46°F (8°C)
Visibility 10.00 mi
Last update 6 Feb 9:53 am CST

More Information:

[Local Forecast Office](#)
[More Local Wx](#)
[3 Day History](#)
[Mobile Weather](#)
[Hourly Weather Forecast](#)

Extended Forecast for

7 Miles E Holly Bluff MS

Today	Tonight	Tuesday	Tuesday Night	Wednesday	Wednesday Night	Thursday	Thursday Night	Friday
Sunny	Partly Cloudy	Scattered Showers	Mostly Cloudy then Slight Chance Showers	Scattered Showers then Showers Likely	Showers Likely then Scattered T-storms	Sunny	Partly Cloudy	Mostly Sunny
High: 70 °F	Low: 51 °F	High: 67 °F	Low: 60 °F	High: 73 °F	Low: 47 °F	High: 64 °F	Low: 44 °F	High: 53 °F

AOI – East is Complete



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From: Cornell Rowan

Sent: Sunday, February 5, 2023 8:27 AM

To: 'Stephen Champlin' <schamplin@mdeq.ms.gov>; 'Hays Lambert' <hlambert@atlasgeodata.com>; 'Larry Kirkpatrick' <lkirkpatrick@atlasgeodata.com>; 'Zach Adams' <zach.adams@waggonereng.com>; 'Brian Smith' <brian.smith@waggonereng.com>

Cc: John Boeding <johnb@surdex.com>

Subject: Aerial Imagery Acquisition - Status Update S126

Good Morning,

Both crews were able acquire imagery yesterday, Saturday, February 04, 2023. The [Real Time Satellite Image](#) is currently showing thin clouds moving across the AOI.

As shown in the Flight Tracker image below, aircraft N27EH is currently relocating to Jackson International Airport. Aircraft N441EH flew to Surdex last yesterday evening for a crew swap and returned to the AOI by 8:30pm yesterday. Both crews are currently in the AOI to resume acquiring imagery at sun angle.

After the 2 missions flown yesterday (*Saturday, February 04, 2023*), **9,689 (76%)** of the **12,792** nautical flightline miles have been acquired to date. As a result, **3,103** nautical flightline miles are remaining to be acquired that will require **~24** online hours (*with one aircraft*) to complete the 6-inch resolution, 25 county area of interest (AOI).

The *Flightlines_Acquired_asof_020423.shp* is attached. The *ms21057_020423.pdf*, and *ms21058_020423.pdf* flight reports are also attached and have been placed on the ftp site.

[MS 2022-2023 Flight Reports](#)

Please do not hesitate to contact me at **any time** if you have questions or comments.

Thank you.

Flightlines Acquired Yesterday and Flightlines Remaining to be Acquired

2:21 pm UTC

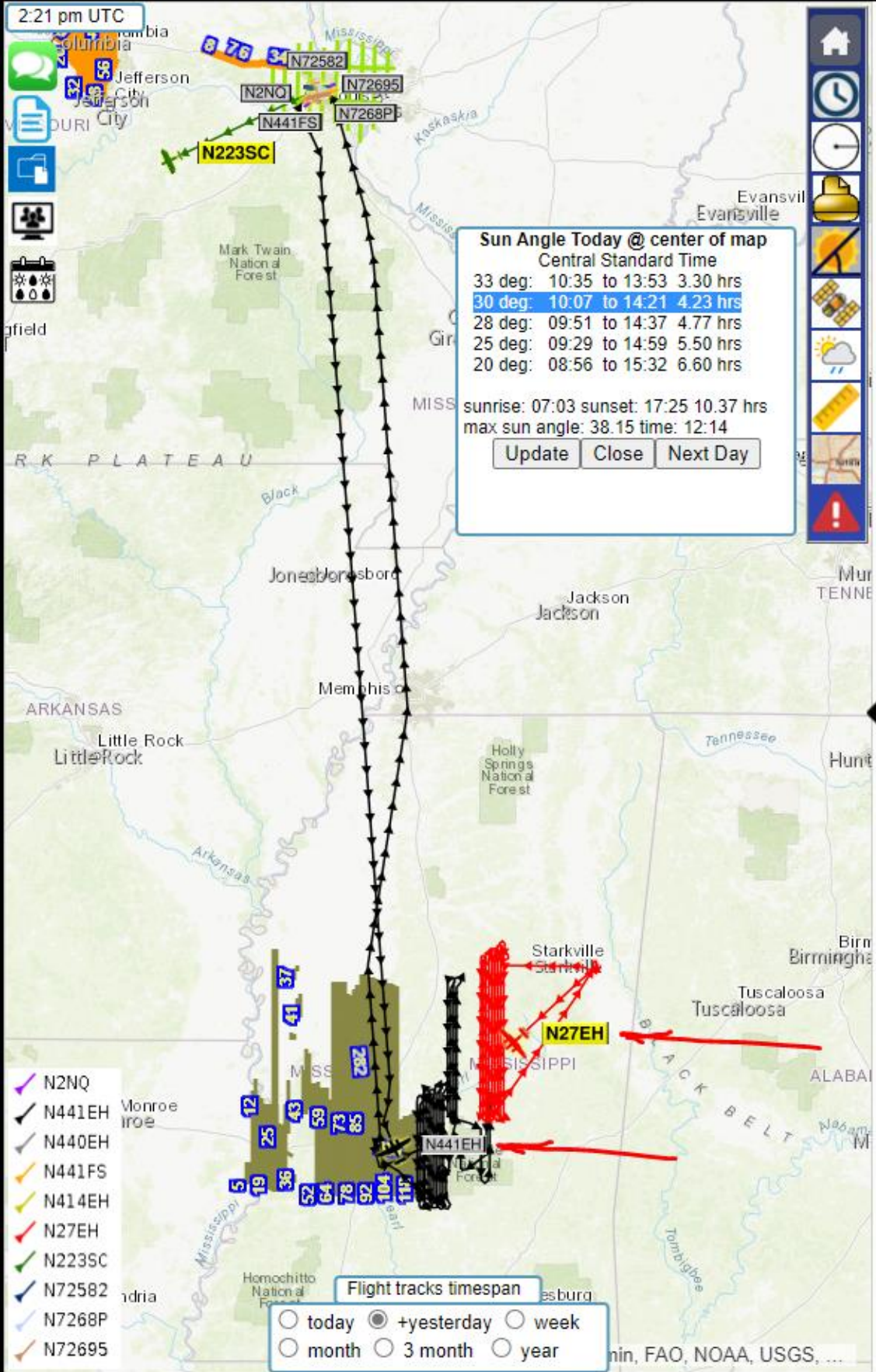


Sun Angle Today @ center of map
 Central Standard Time

33 deg:	10:35	to 13:53	3.30 hrs
30 deg:	10:07	to 14:21	4.23 hrs
28 deg:	09:51	to 14:37	4.77 hrs
25 deg:	09:29	to 14:59	5.50 hrs
20 deg:	08:56	to 15:32	6.60 hrs

sunrise: 07:03 sunset: 17:25 10.37 hrs
 max sun angle: 38.15 time: 12:14

Update Close Next Day



- N2NO
- N441EH
- N440EH
- N441FS
- N414EH
- N27EH
- N223SC
- N72582
- N7268P
- N72695

Flight tracks timespan

today
 +yesterday
 week
 month
 3 month
 year

min, FAO, NOAA, USGS, ...

AOI – West

Current conditions at

Greenville, Mid Delta Regional Airport (KGLH)

Lat: 33.48°N Lon: 90.99°W Elev: 131ft.



Partly Cloudy
41°F
5°C

Humidity 86%
Wind Speed S 6 mph
Barometer 30.25 in (1025.3 mb)
Dewpoint 37°F (3°C)
Visibility 10.00 mi
Wind Chill 37°F (3°C)
Last update 5 Feb 7:53 am CST

More Information:

[Local Forecast Office](#)
[More Local Wx](#)
[3 Day History](#)
[Mobile Weather](#)
[Hourly Weather Forecast](#)

Extended Forecast for
Midnight MS

Today	Tonight	Monday	Monday Night	Tuesday	Tuesday Night	Wednesday	Wednesday Night	Thursday
Mostly Sunny	Partly Cloudy	Mostly Sunny	Mostly Cloudy	Mostly Cloudy	Mostly Cloudy then Chance Showers	Showers Likely	Showers Likely then Chance Showers	Sunny
High: 62 °F	Low: 44 °F	High: 66 °F	Low: 49 °F	High: 67 °F	Low: 57 °F	High: 70 °F	Low: 48 °F	High: 61 °F

AOI – East is Complete



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From: Cornell Rowan
Sent: Saturday, February 4, 2023 10:49 AM
To: Stephen Champlin <schamplin@mdeq.ms.gov>; Hays Lambert <hlambert@atlasgeodata.com>; Larry Kirkpatrick <lkirkpatrick@atlasgeodata.com>; Zach Adams <zach.adams@waggonereng.com>; Brian Smith <brian.smith@waggonereng.com>
Cc: John Boeding <johnb@surdex.com>
Subject: Aerial Imagery Acquisition - Status Update S126

Good Morning,

Both crews were able acquire imagery yesterday, Friday, February 03, 2023. The [Real Time Satellite Image](#) is currently showing high/thin clouds over mostly the western portion of the AOI.

As shown in the Flight Tracker image below, Aircraft N27EH and N441EH are currently acquiring imagery.

After the 2 missions flown yesterday (Friday, February 03, 2023), **8,579** (67%) of the **12,792** nautical flightline miles have been acquired to date. As a result, **4,213** nautical flightline miles are remaining to be acquired that will require **~32** online hours (with one aircraft) to complete the 6-inch resolution, 25 county area of interest (AOI).

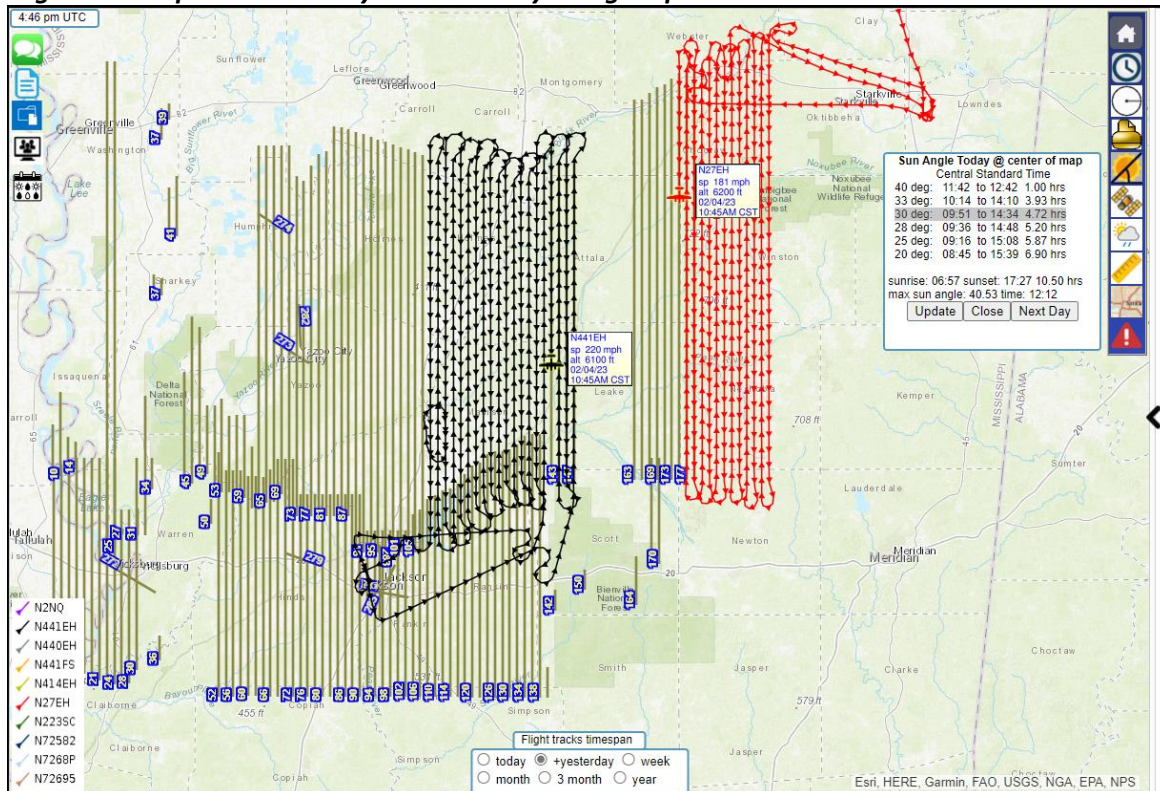
The *Flightlines_Acquired_asof_020323.shp* is attached. The *ms21052_020323.pdf*, and *ms21053_020323.pdf* flight reports are also attached and have been placed on the ftp site.

[MS 2022-2023 Flight Reports](#)

Please do not hesitate to contact me at **any time** if you have questions or comments.

Thank you.

Flightlines Acquired Yesterday and Currently being Acquired



AOI – West

Current conditions at

Greenville, Mid Delta Regional Airport (KGLH)

Lat: 33.48°N Lon: 90.99°W Elev: 131ft.



Fair
38°F
3°C

Humidity 76%
Wind Speed S 8 mph
Barometer 30.50 in (1034.0 mb)
Dewpoint 31°F (-1°C)
Visibility 10.00 mi
Wind Chill 32°F (0°C)
Last update 4 Feb 9:53 am CST

More Information:
[Local Forecast Office](#)
[More Local Wx](#)
[3 Day History](#)
[Mobile Weather](#)
[Hourly Weather Forecast](#)

Extended Forecast for
Midnight MS

Today



Partly Sunny

High: 53 °F

Tonight



Partly Cloudy
then Patchy
Frost

Low: 36 °F

Sunday



Sunny

High: 61 °F

Sunday
Night



Mostly Clear

Low: 43 °F

Monday



Mostly Sunny

High: 65 °F

Monday
Night



Partly Cloudy

Low: 50 °F

Tuesday



Isolated
Showers

High: 66 °F

Tuesday
Night



Scattered
Showers

Low: 56 °F

Wednesday



Showers
Likely

High: 67 °F

AOI - East

Current conditions at

Columbus/West Point/Starkville, Golden Triangle Regional Airport (KGTR)

Lat: 33.45°N Lon: 88.58°W Elev: 266ft.



Fair
40°F
4°C

Humidity 58%
Wind Speed SE 6 mph
Barometer 30.54 in (1035.2 mb)
Dewpoint 26°F (-3°C)
Visibility 10.00 mi
Wind Chill 36°F (2°C)
Last update 4 Feb 9:56 am CST

More Information:
[Local Forecast Office](#)
[More Local Wx](#)
[3 Day History](#)
[Mobile Weather](#)
[Hourly Weather Forecast](#)

Extended Forecast for
3 Miles WNW Louisville MS

Today



Increasing
Clouds

High: 54 °F

Tonight



Mostly Cloudy
then Areas
Frost

Low: 33 °F

Sunday



Mostly Sunny

High: 62 °F

Sunday
Night



Mostly Clear

Low: 39 °F

Monday



Sunny

High: 65 °F

Monday
Night



Partly Cloudy

Low: 46 °F

Tuesday



Mostly Cloudy
then Isolated
Showers

High: 69 °F

Tuesday
Night



Scattered
Showers

Low: 54 °F

Wednesday



Scattered
Showers

High: 69 °F



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AOI – West

Current conditions at

Greenwood, Greenwood-LeFlore Airport (KGWO)

Lat: 33.49°N Lon: 90.08°W Elev: 154ft.



Fair
37°F
3°C

Humidity 76%
Wind Speed N 8 mph
Barometer 30.51 in (1033.1 mb)
Dewpoint 30°F (-1°C)
Visibility 10.00 mi
Wind Chill 31°F (-1°C)
Last update 3 Feb 8:53 am CST

More Information:

[Local Forecast Office](#)
[More Local Wx](#)
[3 Day History](#)
[Mobile Weather](#)
[Hourly Weather Forecast](#)

Extended Forecast for

4 Miles ENE Silver City MS

Today



Sunny

High: 45 °F

Tonight



Frost

Low: 26 °F

Saturday



Increasing
Clouds

High: 54 °F

Saturday
Night



Partly Cloudy

Low: 38 °F

Sunday



Mostly Sunny

High: 61 °F

Sunday
Night



Mostly Clear

Low: 43 °F

Monday



Sunny

High: 67 °F

Monday
Night



Partly Cloudy

Low: 52 °F

Tuesday



Chance Rain

High: 70 °F

AOI – East

Current conditions at

Columbus/West Point/Starkville, Golden Triangle Regional Airport (KGTR)

Lat: 33.45°N Lon: 88.58°W Elev: 266ft.



Fair
40°F
4°C

Humidity 70%
Wind Speed N 13 mph
Barometer 30.50 in (1033.8 mb)
Dewpoint 31°F (-1°C)
Visibility 10.00 mi
Wind Chill 32°F (0°C)
Last update 3 Feb 9:56 am CST

More Information:

[Local Forecast Office](#)
[More Local Wx](#)
[3 Day History](#)
[Mobile Weather](#)
[Hourly Weather Forecast](#)

Extended Forecast for

3 Miles WNW Louisville MS

Today



Sunny

High: 47 °F

Tonight



Frost

Low: 25 °F

Saturday



Increasing
Clouds

High: 54 °F

Saturday
Night



Partly Cloudy

Low: 35 °F

Sunday



Mostly Sunny

High: 62 °F

Sunday
Night



Mostly Clear

Low: 39 °F

Monday



Sunny

High: 66 °F

Monday
Night



Partly Cloudy

Low: 48 °F

Tuesday



Chance Rain

High: 69 °F



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From: Cornell Rowan

Sent: Thursday, February 2, 2023 4:24 PM

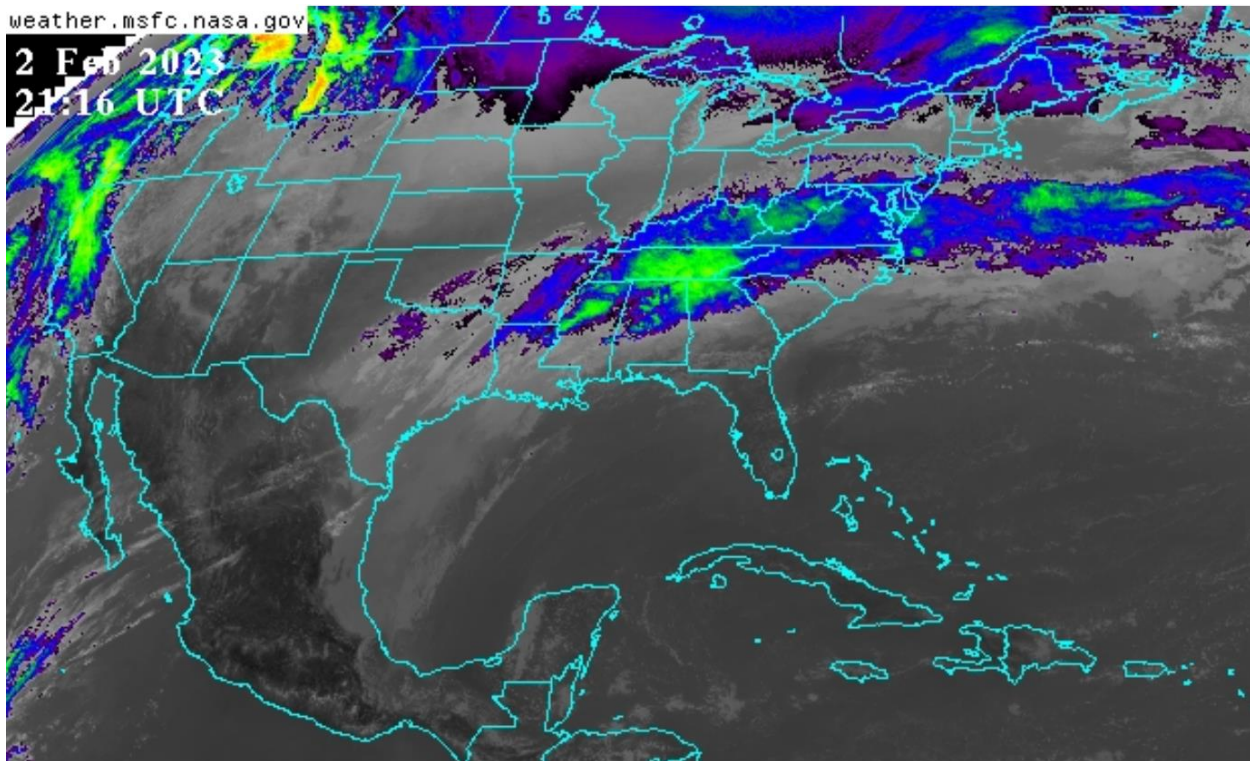
To: 'Stephen Champlin' <schamplin@mdeg.ms.gov>; 'Hays Lambert' <hlambert@atlasgeodata.com>; 'Larry Kirkpatrick' <lkirkpatrick@atlasgeodata.com>; 'Zach Adams' <zach.adams@waggonereng.com>; 'Brian Smith' <brian.smith@waggonereng.com>

Cc: John Boeding <johnb@surdex.com>

Subject: Aerial Imagery Acquisition - Status Update S126

Good Afternoon,

Due to unfavorable conditions, there were no missions flown on yesterday or today. The [Real Time Satellite Image](#) is currently showing clouds covering the AOI that will hopefully clear out by sun angle tomorrow morning.



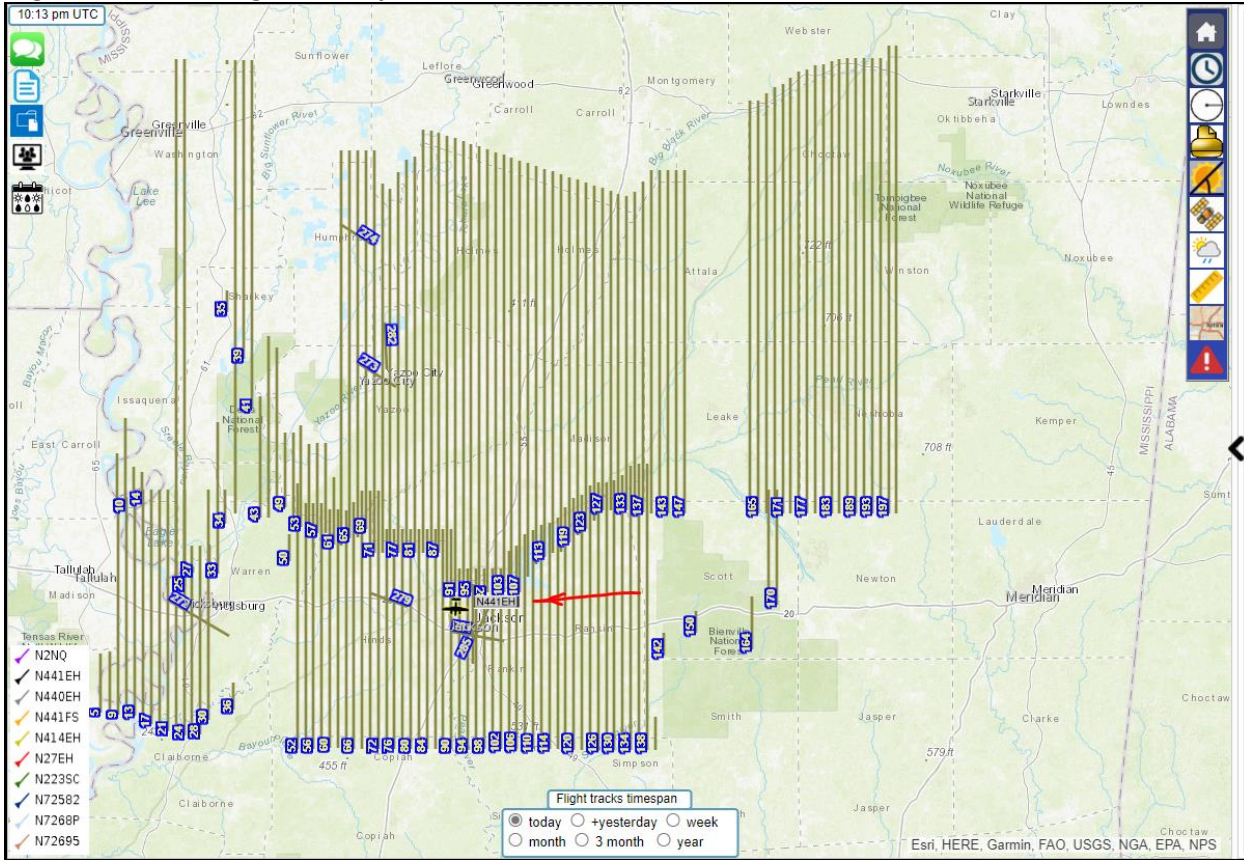
Referencing the weather forecast below, it appears that favorable conditions will move into the AOI tomorrow - Monday.

After the 2 missions flown Friday, January 27, 2023, **7,376** (58%) of the **12,792** nautical flightline miles have been acquired to date. As a result, **5,416** nautical flightline miles are remaining to be acquired that will require **~39** online hours (*with one aircraft*) to complete the 6-inch resolution, 25 county area of interest (AOI).

Please do not hesitate to contact me at **any time** if you have questions or comments.

Thank you.

Flightlines Remaining to be Acquired



AOI - West

Current conditions at
Greenwood, Greenwood-LeFlore Airport (KGWO)
 Lat: 33.49°N Lon: 90.08°W Elev: 154ft.

N/A

Humidity NA
 Wind Speed NA
 Barometer NA
 Dewpoint N/A
 Visibility NA
 Last update *** Not a current observation ***

More Information:
[Local Forecast Office](#)
[More Local Wx](#)
[3 Day History](#)
[Mobile Weather](#)
[Hourly Weather Forecast](#)

Extended Forecast for 4 Miles ENE Silver City MS

This Afternoon	Tonight	Friday	Friday Night	Saturday	Saturday Night	Sunday	Sunday Night	Monday
90%	50%							
Rain and Patchy Fog	Chance Rain and Patchy Fog then Mostly Cloudy	Sunny	Mostly Clear	Mostly Sunny	Mostly Cloudy	Mostly Sunny	Mostly Clear	Mostly Sunny
High: 40 °F	Low: 31 °F	High: 45 °F	Low: 25 °F	High: 54 °F	Low: 38 °F	High: 62 °F	Low: 43 °F	High: 68 °F

AOI - East

Current conditions at
Columbus/West Point/Starkville, Golden Triangle Regional Airport (KGTR)
Lat: 33.45°N Lon: 88.58°W Elev: 266ft.



Light Rain
40°F
4°C

Humidity 100%
Wind Speed NW 9 mph
Barometer 30.19 in (1023.3 mb)
Dewpoint 40°F (4°C)
Visibility 10.00 mi
Wind Chill 34°F (1°C)
Last update 2 Feb 3:56 pm CST

More Information:
[Local Forecast Office](#)
[More Local Wx](#)
[3 Day History](#)
[Mobile Weather](#)
[Hourly Weather Forecast](#)

Extended Forecast for
Louisville MS

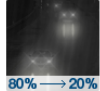
**This
Afternoon**



90%
Rain and
Patchy Fog

High: 41 °F

Tonight



80% → 20%
Rain and
Patchy Fog
then Slight
Chance Rain

Low: 30 °F

Friday



Sunny

High: 47 °F

**Friday
Night**



Mostly Clear

Low: 23 °F

Saturday



Mostly Sunny

High: 53 °F

**Saturday
Night**



Mostly Cloudy

Low: 35 °F

Sunday



Mostly Sunny

High: 62 °F

**Sunday
Night**



Mostly Clear

Low: 39 °F

Monday



Sunny

High: 66 °F



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you to change payment processing methods.
Surdex requests all questions or concerns be
directed to Surdex Corporation, Accounting.

From: Cornell Rowan
Sent: Wednesday, February 1, 2023 10:00 AM
To: 'Stephen Champlin' <schamplin@mdeg.ms.gov>; 'Hays Lambert' <hlambert@atlasgeodata.com>; 'Larry Kirkpatrick' <lkirkpatrick@atlasgeodata.com>; 'Zach Adams' <zach.adams@waggonereng.com>; 'Brian Smith' <brian.smith@waggonereng.com>
Cc: John Boeding <johnb@surdex.com>
Subject: Aerial Imagery Acquisition - Status Update S126

Good Morning,

Due to unfavorable conditions, there were no missions flown on Monday or Tuesday. The [Real Time Satellite Image](#) is currently showing clouds covering the entire AOI.

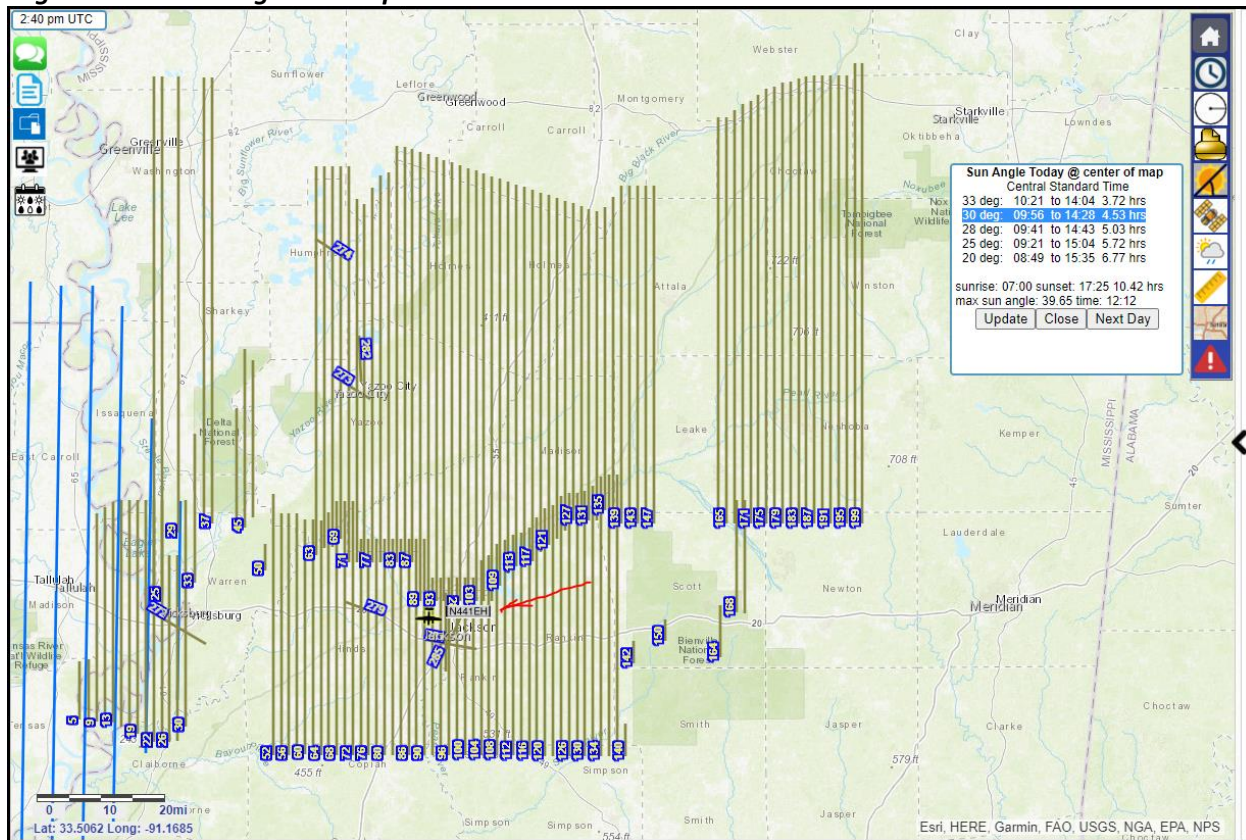
Referencing the weather forecast below, it appears that favorable conditions may move into the AOI sometime this weekend.

After the 2 missions flown Friday, January 27, 2023, **7,376 (58%)** of the **12,792** nautical flightline miles have been acquired to date. As a result, **5,416** nautical flightline miles are remaining to be acquired that will require **~39** online hours (*with one aircraft*) to complete the 6-inch resolution, 25 county area of interest (AOI).

Please do not hesitate to contact me at **any time** if you have questions or comments.

Thank you.

Flightlines Remaining to be Acquired



AOI – West

Current conditions at

Jackson, Hawkins Field Airport (KHKS)

Lat: 32.33°N Lon: 90.22°W Elev: 341ft.



Fog/Mist
35°F
2°C

Humidity 96%
Wind Speed N 6 mph
Barometer 30.33 in (1026.8 mb)
Dewpoint 34°F (1°C)
Visibility 5.00 mi
Wind Chill 30°F (-1°C)
Last update 1 Feb 8:53 am CST

More Information:

[Local Forecast Office](#)
[More Local Wx](#)
[3 Day History](#)
[Mobile Weather](#)
[Hourly Weather Forecast](#)

Extended Forecast for
Yazoo City MS

Today



20% → 60%
Rain Likely
and Patchy
Fog

High: 38 °F

Tonight



90%

Rain

Low: 37 °F

Thursday



100%

Showers

High: 44 °F

Thursday
Night



60%

Showers
Likely

Low: 35 °F

Friday



Sunny

High: 46 °F

Friday
Night



Mostly Clear

Low: 27 °F

Saturday



Mostly Sunny

High: 54 °F

Saturday
Night



Partly Cloudy

Low: 40 °F

Sunday



Sunny

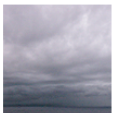
High: 62 °F

AOI - East

Current conditions at

Columbus/West Point/Starkville, Golden Triangle Regional Airport (KGTR)

Lat: 33.45°N Lon: 88.58°W Elev: 266ft.



Overcast
35°F
2°C

Humidity 100%
Wind Speed NW 5 mph
Barometer 30.35 in (1028.9 mb)
Dewpoint 35°F (2°C)
Visibility 10.00 mi
Wind Chill 31°F (-1°C)
Last update 1 Feb 8:56 am CST

More Information:

[Local Forecast Office](#)
[More Local Wx](#)
[3 Day History](#)
[Mobile Weather](#)
[Hourly Weather Forecast](#)

Extended Forecast for
Louisville MS

Today



20%
Mostly Cloudy
then Slight
Chance Rain

High: 42 °F

Tonight



80%

Showers

Low: 37 °F

Thursday



100%

Showers

High: 44 °F

Thursday
Night



70% → 40%

Showers
Likely then
Chance
Showers

Low: 33 °F

Friday



Sunny

High: 48 °F

Friday
Night



Clear

Low: 25 °F

Saturday



Sunny

High: 54 °F

Saturday
Night



Mostly Cloudy

Low: 37 °F

Sunday



Mostly Sunny

High: 62 °F



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www.facebook.com/SurdexCorporation
www.linkedin.com/company/surdex

From: Cornell Rowan

Sent: Monday, January 30, 2023 10:44 AM

To: Stephen Champlin <schamplin@mdeq.ms.gov>; Hays Lambert <hlambert@atlasgeodata.com>; Larry Kirkpatrick <lkirkpatrick@atlasgeodata.com>; Zach Adams <zach.adams@waggonereng.com>; Brian Smith <brian.smith@waggonereng.com>

Cc: John Boeding <johnb@surdex.com>

Subject: Aerial Imagery Acquisition - Status Update S126

Good Morning,

Due to unfavorable conditions, there were no missions flown yesterday, Sunday, January 29, 2023. The [Real Time Satellite Image](#) is currently showing clouds covering the entire AOI.

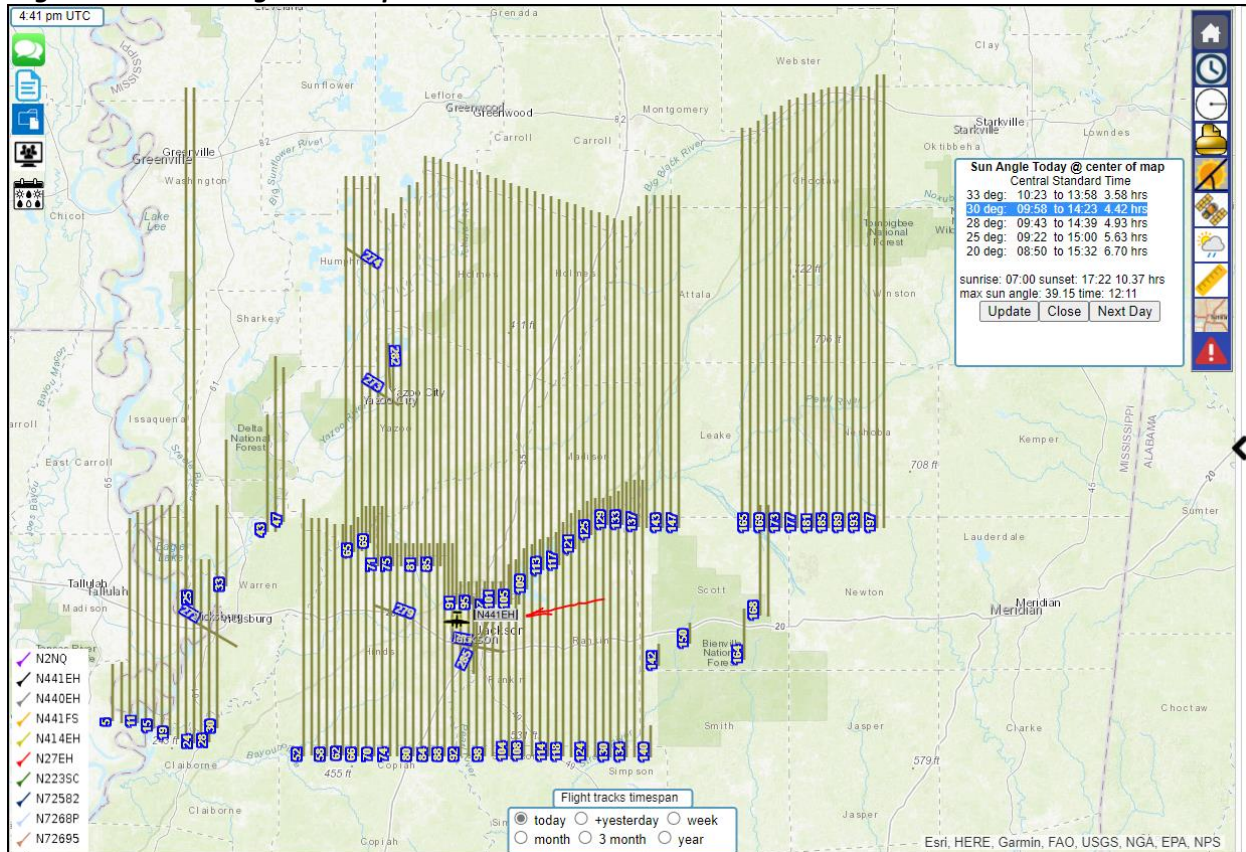
Referencing the weather forecast below, it appears that favorable conditions may move into the AOI sometime this weekend.

After the 2 missions flown Friday, January 27, 2023, **7,376 (58%)** of the **12,792** nautical flightline miles have been acquired to date. As a result, **5,416** nautical flightline miles are remaining to be acquired that will require **~39** online hours (*with one aircraft*) to complete the 6-inch resolution, 25 county area of interest (AOI).

Please do not hesitate to contact me at **any time** if you have questions or comments.

Thank you.

Flightlines Remaining to be Acquired



AOI – West

Current conditions at

Greenwood, Greenwood-LeFlore Airport (KGWO)

Lat: 33.49°N Lon: 90.08°W Elev: 154ft.



Fog/Mist
51°F
11°C

Humidity 86%
Wind Speed N 5 mph
Barometer 30.24 in (1023.8 mb)
Dewpoint 47°F (8°C)
Visibility 6.00 mi
Wind Chill 49°F (9°C)
Last update 30 Jan 9:53 am CST

More Information:

[Local Forecast Office](#)
[More Local Wx](#)
[3 Day History](#)
[Mobile Weather](#)
[Hourly Weather Forecast](#)

Extended Forecast for

5 Miles SSE Silver City MS

Today



Patchy Fog
then Cloudy

High: 57 °F

Tonight



Chance Rain

Low: 38 °F

Tuesday



30% → 60%
Chance
Showers then
Showers
Likely

High: 42 °F

Tuesday
Night



Showers

Low: 36 °F

Wednesday



Showers
Likely

High: 44 °F

Wednesday
Night



Showers

Low: 42 °F

Thursday



Heavy Rain

High: 49 °F

Thursday
Night



Chance
Showers

Low: 37 °F

Friday



Mostly Sunny

High: 49 °F

AOI - East

Current conditions at

Columbus/West Point/Starkville, Golden Triangle Regional Airport (KGTR)

Lat: 33.45°N Lon: 88.58°W Elev: 266ft.



Overcast
55°F
13°C

Humidity 100%
Wind Speed N 8 mph
Barometer 30.23 in (1024.4 mb)
Dewpoint 55°F (13°C)
Visibility 8.00 mi
Wind Chill 53°F (12°C)
Last update 30 Jan 9:56 am CST

More Information:

[Local Forecast Office](#)
[More Local Wx](#)
[3 Day History](#)
[Mobile Weather](#)
[Hourly Weather Forecast](#)

Extended Forecast for

2 Miles N Noxapater MS

Today



Patchy Fog
then Cloudy

High: 61 °F

Tonight



20%
Cloudy then
Slight Chance
Rain

Low: 42 °F

Tuesday



40%
Chance
Showers

High: 48 °F

Tuesday
Night



60%
Showers
Likely

Low: 37 °F

Wednesday



40%
Chance
Showers

High: 47 °F

Wednesday
Night



60%
Showers
Likely

Low: 42 °F

Thursday



90%
Showers

High: 52 °F

Thursday
Night



50%
Chance
Showers

Low: 37 °F

Friday



20%
Slight Chance
Showers then
Sunny

High: 52 °F



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www.linkedin.com/company/surdex

From: Cornell Rowan
Sent: Sunday, January 29, 2023 10:41 AM
To: Stephen Champlin <schamplin@mdeq.ms.gov>; Hays Lambert <hlambert@atlasgeodata.com>; Larry Kirkpatrick <lkirkpatrick@atlasgeodata.com>; Zach Adams <zach.adams@waggonereng.com>; Brian Smith <brian.smith@waggonereng.com>
Cc: John Boeding <johnb@surdex.com>
Subject: Aerial Imagery Acquisition - Status Update S126

Good Morning,

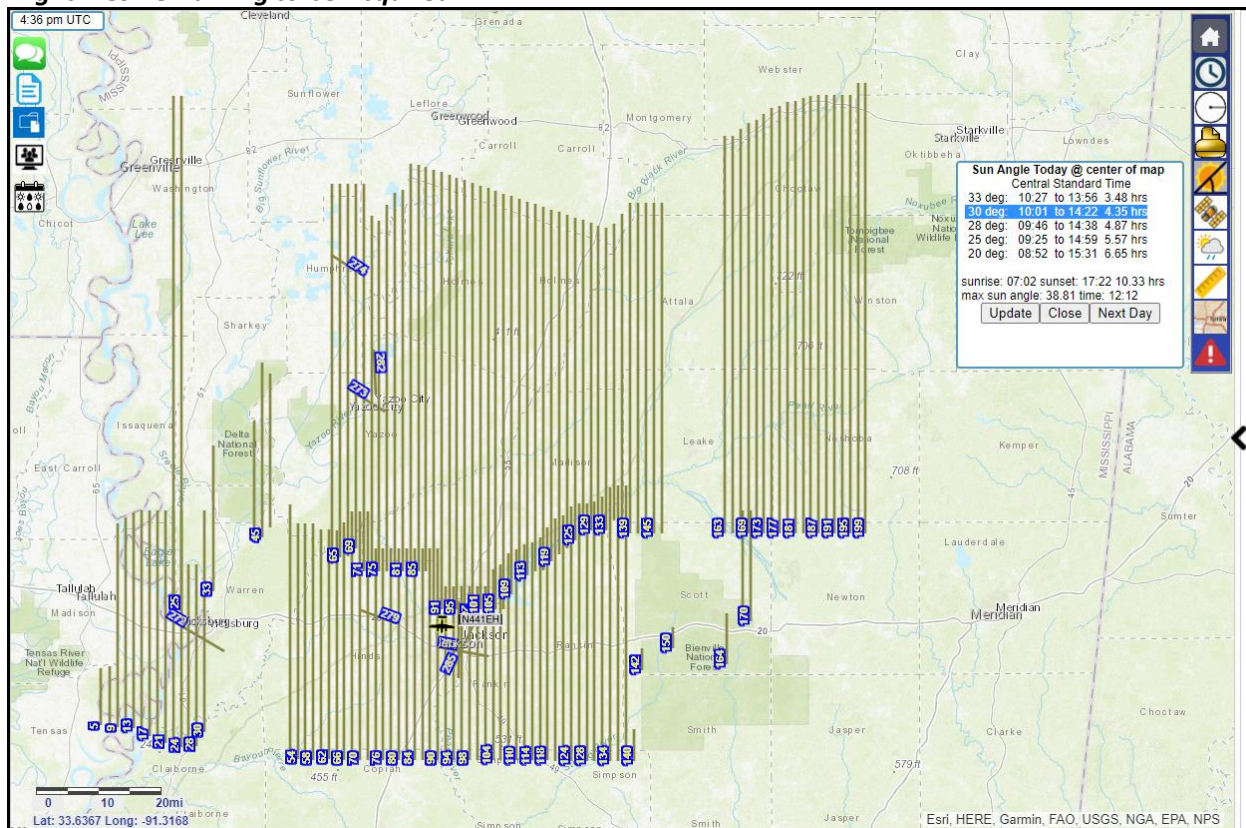
Due to unfavorable conditions, there were no missions flown yesterday, Saturday, January 28, 2023. The [Real Time Satellite Image](#) is currently showing clouds covering the entire AOI.

After the 2 missions flown Friday, January 27, 2023, **7,376 (58%)** of the **12,792** nautical flightline miles have been acquired to date. As a result, **5,416** nautical flightline miles are remaining to be acquired that will require **~39** online hours (*with one aircraft*) to complete the 6-inch resolution, 25 county area of interest (AOI).

Please do not hesitate to contact me at **any time** if you have questions or comments.

Thank you.

Flightlines Remaining to be Acquired



AOI – West

Current conditions at

Greenville, Mid Delta Regional Airport (KGLH)

Lat: 33.48°N Lon: 90.99°W Elev: 131ft.



Light Rain
58°F
14°C

Humidity 93%
Wind Speed E 7 mph
Barometer 30.09 in (1019.5 mb)
Dewpoint 56°F (13°C)
Visibility 10.00 mi
Last update 29 Jan 9:53 am CST

More Information:

[Local Forecast Office](#)
[More Local Wx](#)
[3 Day History](#)
[Mobile Weather](#)
[Hourly Weather Forecast](#)

Extended Forecast for

2 Miles SE Midnight MS

Today	Tonight	Monday	Monday Night	Tuesday	Tuesday Night	Wednesday	Wednesday Night	Thursday
Showers	Showers then Chance Showers	Patchy Fog then Cloudy	Cloudy then Chance Showers	Showers Likely	Showers Likely	Showers Likely	Showers	Showers
High: 64 °F	Low: 52 °F	High: 57 °F	Low: 43 °F	High: 47 °F	Low: 40 °F	High: 48 °F	Low: 44 °F	High: 52 °F

AOI - East

Current conditions at

Columbus/West Point/Starkville, Golden Triangle Regional Airport (KGTR)

Lat: 33.45°N Lon: 88.58°W Elev: 266ft.



Overcast
48°F
9°C

Humidity 89%
Wind Speed SE 9 mph
Barometer 30.17 in (1022.6 mb)
Dewpoint 45°F (7°C)
Visibility 10.00 mi
Wind Chill 44°F (7°C)
Last update 29 Jan 9:56 am CST

More Information:

[Local Forecast Office](#)
[More Local Wx](#)
[3 Day History](#)
[Mobile Weather](#)
[Hourly Weather Forecast](#)

Extended Forecast for

6 Miles E Noxapater MS

Today	Tonight	Monday	Monday Night	Tuesday	Tuesday Night	Wednesday	Wednesday Night	Thursday
Showers Likely then Showers	Rain then Chance Showers	Patchy Fog then Cloudy	Cloudy then Chance Showers	Chance Showers	Chance Showers	Chance Showers	Showers Likely	Showers
High: 62 °F	Low: 52 °F	High: 62 °F	Low: 47 °F	High: 54 °F	Low: 41 °F	High: 53 °F	Low: 46 °F	High: 58 °F



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www.linkedin.com/company/surdex

From: Cornell Rowan

Sent: Saturday, January 28, 2023 11:51 AM

To: Stephen Champlin <schamplin@mdeq.ms.gov>; Hays Lambert <hlambert@atlasgeodata.com>; Larry Kirkpatrick <lkirkpatrick@atlasgeodata.com>; Zach Adams <zach.adams@waggonereng.com>; Brian Smith <brian.smith@waggonereng.com>

Cc: John Boeding <johnb@surdex.com>

Subject: Aerial Imagery Acquisition - Status Update S126

Good Afternoon,

Both crews were able acquire imagery yesterday, Friday, January 27, 2023. The [Real Time Satellite Image](#) is currently showing clouds covering the AOI.

- As shown in the Flight Tracker image below, Aircraft N27EH is currently headed back to Surdex for routine maintenance and will return when the conditions are favorable.
- Aircraft N441EH is still on site to take advantage of any opportunity to acquire imagery.

After the 2 missions flown yesterday (*Friday, January 27, 2023*), **7,376 (58%)** of the **12,792** nautical flightline miles have been acquired to date. As a result, **5,416** nautical flightline miles are remaining to be acquired that will require **~39** online hours (*with one aircraft*) to complete the 6-inch resolution, 25 county area of interest (AOI).

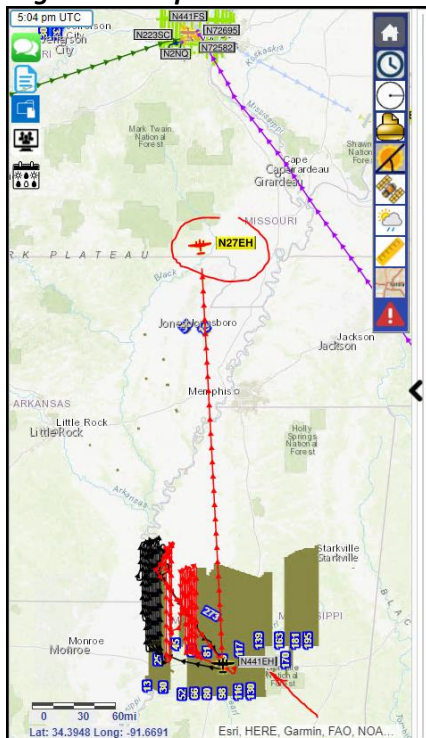
The *Flightlines_Acquired_asof_012723.shp* is attached. The *ms21030_012623.pdf*, *ms21031_012623.pdf*, *ms21036_012723.pdf* and *ms21037_012723.pdf* flight reports are also attached and have been placed on the ftp site.

[MS 2022-2023 Flight Reports](#)

Please do not hesitate to contact me at **any time** if you have questions or comments.

Thank you.

Flightlines Acquired in the AOI Yesterday



AOI – West

Current conditions at

Greenwood, Greenwood-LeFlore Airport (KGWO)

Lat: 33.49°N Lon: 90.08°W Elev: 154ft.



Overcast
58°F
14°C

Humidity 51%
Wind Speed S 13 mph
Barometer 30.27 in (1025.1 mb)
Dewpoint 40°F (4°C)
Visibility 10.00 mi
Last update 28 Jan 10:53 am CST

More Information:
[Local Forecast Office](#)
[More Local Wx](#)
[3 Day History](#)
[Mobile Weather](#)
[Hourly Weather Forecast](#)

Extended Forecast for

4 Miles W Eden MS

Today	Tonight	Sunday	Sunday Night	Monday	Monday Night	Tuesday	Tuesday Night	Wednesday
30%	30%	90%	40%		50%	70%	80%	60%
Chance Rain	Mostly Cloudy then Chance Showers	Showers	Chance Showers	Cloudy	Cloudy then Chance Showers	Showers Likely	Showers	Showers Likely
High: 59 °F	Low: 54 °F	High: 63 °F	Low: 49 °F	High: 56 °F	Low: 42 °F	High: 50 °F	Low: 41 °F	High: 51 °F

AOI – East

Current conditions at

Columbus/West Point/Starkville, Golden Triangle Regional Airport (KGTR)

Lat: 33.45°N Lon: 88.58°W Elev: 266ft.



Fair
53°F
12°C

Humidity 47%
Wind Speed SE 12 mph
Barometer 30.35 in (1028.5 mb)
Dewpoint 33°F (1°C)
Visibility 10.00 mi
Wind Chill 49°F (9°C)
Last update 28 Jan 10:56 am CST

More Information:
[Local Forecast Office](#)
[More Local Wx](#)
[3 Day History](#)
[Mobile Weather](#)
[Hourly Weather Forecast](#)

Extended Forecast for

6 Miles E Noxapater MS

Today	Tonight	Sunday	Sunday Night	Monday	Monday Night	Tuesday	Tuesday Night	Wednesday
	20%	90%	60% → 20%	20%	30%	50%	70%	60%
Partly Sunny	Mostly Cloudy then Slight Chance Showers	Showers	Showers Likely then Slight Chance Showers	Slight Chance Showers then Cloudy	Cloudy then Chance Showers	Chance Showers	Showers Likely	Showers Likely
High: 60 °F	Low: 49 °F	High: 60 °F	Low: 50 °F	High: 61 °F	Low: 45 °F	High: 54 °F	Low: 43 °F	High: 55 °F



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From: Cornell Rowan <cornellr@surdex.com>
Sent: Friday, January 27, 2023 10:58 AM
To: Stephen Champlin <schamplin@mdeq.ms.gov>; Hays Lambert <hlambert@atlasgeodata.com>; Larry Kirkpatrick <lkirkpatrick@atlasgeodata.com>; Zach Adams <zach.adams@waggonereng.com>; Brian Smith <brian.smith@waggonereng.com>
Cc: John Boeding <johnb@surdex.com>
Subject: Aerial Imagery Acquisition - Status Update S126

Good Morning,

Due to clouds moving out of the AOI, both crews had a delayed start but were able acquire imagery yesterday, Thursday, January 26, 2023. The [Real Time Satellite Image](#) is currently showing clouds south of AOI.

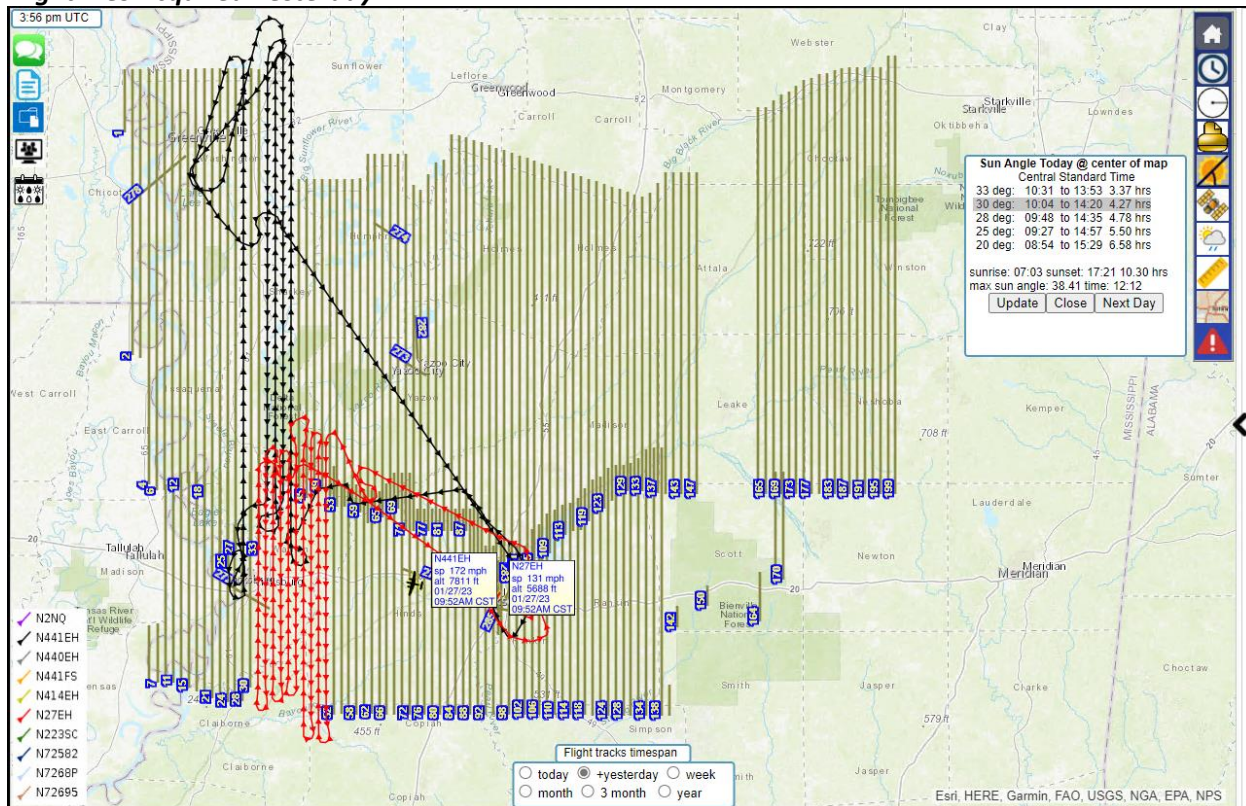
Both crews are currently in the air to meet the 10:04am 30° sun angle.

After the 2 missions flown yesterday (*Thursday, January 26, 2023*), **6,147 (48%)** of the **12,792** nautical flightline miles have been acquired to date. As a result, **6,645** nautical flightline miles are remaining to be acquired that will require **~47.5** online hours (*with one aircraft*) to complete the 6-inch resolution, 25 county area of interest (AOI).

Please do not hesitate to contact me at **any time** if you have questions or comments.

Thank you.

Flightlines Acquired Yesterday



AOI - West

Current conditions at
Jackson, Hawkins Field Airport (KHKS)
 Lat: 32.33°N Lon: 90.22°W Elev: 341ft.



Fair
41°F
 5°C

Humidity 70%
 Wind Speed Calm
 Barometer 30.39 in (1028.6 mb)
 Dewpoint 32°F (0°C)
 Visibility 10.00 mi
 Last update 27 Jan 8:53 am CST

More Information:
[Local Forecast Office](#)
[More Local Wx](#)
[3 Day History](#)
[Mobile Weather](#)
[Hourly Weather Forecast](#)

Extended Forecast for
5 Miles WNW Tinsley MS

Today	Tonight	Saturday	Saturday Night	Sunday	Sunday Night	Monday	Monday Night	Tuesday
Sunny	Mostly Clear	Increasing Clouds	Cloudy then Showers Likely	Showers then Showers Likely	Chance Showers then Cloudy	Cloudy	Chance Showers then Showers Likely	Showers Likely
High: 57 °F	Low: 36 °F	High: 62 °F	Low: 53 °F	High: 64 °F	Low: 50 °F	High: 60 °F	Low: 47 °F	High: 55 °F

AOI - East

Current conditions at
Meridian, Meridian Naval Air Station - McCain Field (KNMM)
 Lat: 32.55°N Lon: 88.56°W Elev: 318ft.



Partly Cloudy
49°F
 9°C

Humidity 50%
 Wind Speed Calm
 Barometer 30.40 in (1030.7 mb)
 Dewpoint 31°F (-1°C)
 Visibility 10.00 mi
 Last update 27 Jan 8:56 am CST

More Information:
[Local Forecast Office](#)
[More Local Wx](#)
[3 Day History](#)
[Mobile Weather](#)
[Hourly Weather Forecast](#)

Extended Forecast for
3 Miles NNE Philadelphia MS

Flood Warning

Click here for hazard details and duration

Today	Tonight	Saturday	Saturday Night	Sunday	Sunday Night	Monday	Monday Night
Sunny	Mostly Clear	Mostly Sunny	Mostly Cloudy then Chance Showers	Showers	Chance Showers then Cloudy	Slight Chance Showers then Cloudy	Slight Chance Showers then Chance Showers
High: 57 °F	Low: 32 °F	High: 61 °F	Low: 48 °F	High: 60 °F	Low: 49 °F	High: 62 °F	Low: 50 °F



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www.linkedin.com/company/surdex

From: Cornell Rowan

Sent: Thursday, January 26, 2023 11:48 AM

To: Stephen Champlin <schamplin@mdeq.ms.gov>; Hays Lambert <hlambert@atlasgeodata.com>; Larry Kirkpatrick <lkirkpatrick@atlasgeodata.com>; Zach Adams <zach.adams@waggonereng.com>; Brian Smith <brian.smith@waggonereng.com>

Cc: John Boeding <johnb@surdex.com>

Subject: MS 2022-2023 Early Access Image Service - Update

Good Afternoon,

The MS 2022-2023 Early Access Image Service has been updated to include imagery acquired on 01/19/2023. The User Name and Password shown below can be used for both links.

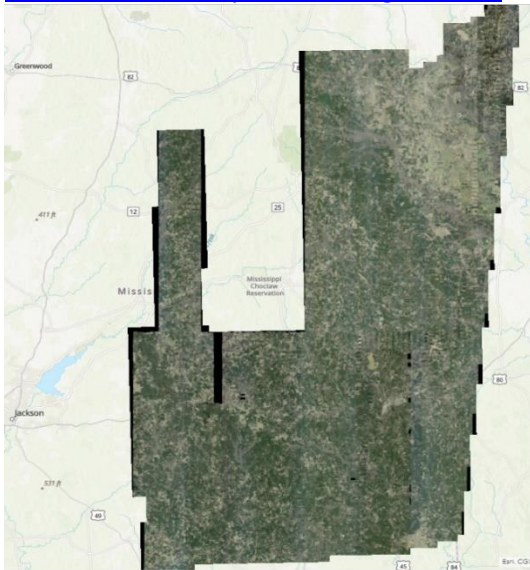
User Name: **MS25co**

Password: **MS2022**

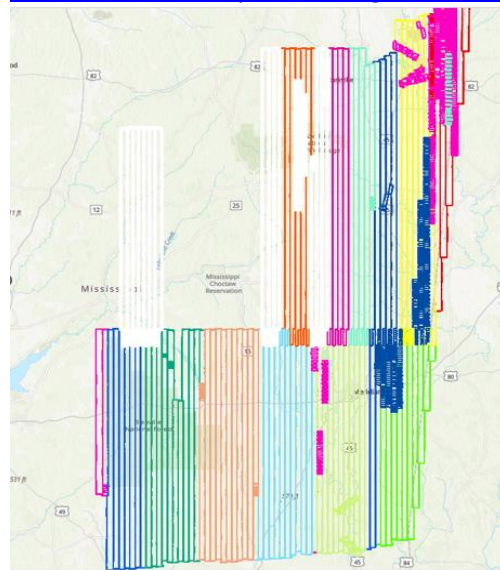
Please do not hesitate to contact me if you have any questions or comments.

Thank you,

[MS 2022-2023 Early Access Image Service](#)



[MS 2022-2023 Early Access Flightline Service](#)



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From: Cornell Rowan

Sent: Thursday, January 26, 2023 11:42 AM

To: Stephen Champlin <schamplin@mdeq.ms.gov>; Hays Lambert <hlambert@atlasgeodata.com>; Larry Kirkpatrick <lirkpatrick@atlasgeodata.com>; Zach Adams <zach.adams@waggonereng.com>; Brian Smith <brian.smith@waggonereng.com>

Cc: John Boeding <johnb@surdex.com>

Subject: Aerial Imagery Acquisition - Status Update S126

Good Morning and Afternoon,

NOTE: It appears that the **Aerial Imagery Acquisition – Status Update** email thread (*due to size*) is undeliverable to a few of the email accounts. As a result, I have started a new thread and will create a **.pdf doc** to include all updates after the acquisition phase is 100% complete.

Due to unfavorable conditions there were no missions flown yesterday, Wednesday, January 25, 2023. The [Real Time Satellite Image](#) is currently showing clouds moving out of AOI.

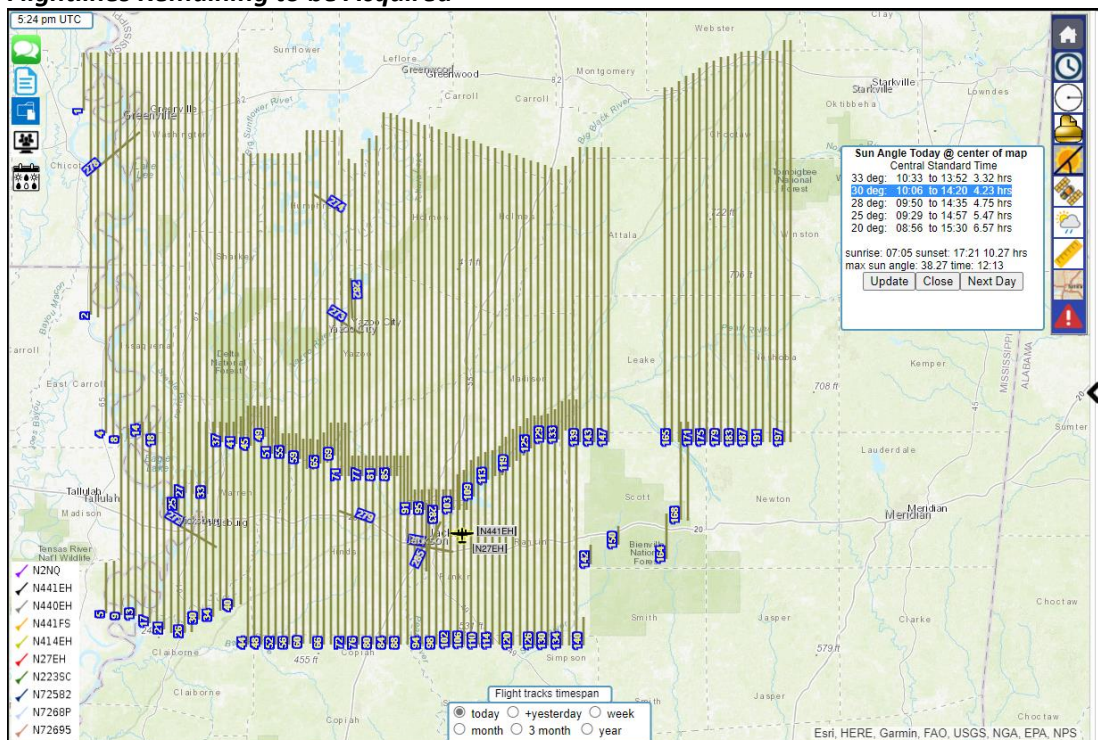
Surdex has two (2) Aircraft (*tail numbers N27EH and N441EH*) that are still in the AOI (*Jackson-Evers International Airport*) to take advantage of any opportunity to acquire imagery.

After the 2 missions flown yesterday (*Thursday, January 19, 2023*), **5,504 (43%)** of the **12,792** nautical flightline miles have been acquired to date. As a result, **7,288** nautical flightline miles are remaining to be acquired that will require **~52.5** online hours (*with one aircraft*) to complete the 6-inch resolution, 25 county area of interest (AOI).

Please do not hesitate to contact me at **any time** if you have questions or comments.


Thank you.

Flightlines Remaining to be Acquired



AOI – West

Current conditions at
Jackson, Hawkins Field Airport (KHKS)
 Lat: 32.33°N Lon: 90.22°W Elev: 341ft












Fair
46°F
 8°C

Humidity 58%
 Wind Speed NW 15 G 24 mph
 Barometer 30.32 in (1026.4 mb)
 Dewpoint 32°F (0°C)
 Visibility 10.00 mi
 Wind Chill 40°F (4°C)
 Last update 26 Jan 10:53 am CST


More Information:
[Local Forecast Office](#)
[More Local Wx](#)
[3 Day History](#)
[Mobile Weather](#)
[Hourly Weather Forecast](#)

Extended Forecast for
2 Miles SE Jackson MS

Today	Tonight	Friday	Friday Night	Saturday	Saturday Night	Sunday	Sunday Night	Monday
								
High: 50 °F	Low: 30 °F	High: 56 °F	Low: 34 °F	High: 63 °F	Low: 52 °F	High: 64 °F	Low: 53 °F	High: 65 °F

AOI – East

Current conditions at
Columbus/West Point/Starkville, Golden Triangle Regional Airport (KGTR)
 Lat: 33.45°N Lon: 88.55°W Elev: 266ft












Overcast
46°F
 8°C

Humidity 73%
 Wind Speed W 12 G 18 mph
 Barometer 29.88 in (1012.7 mb)
 Dewpoint 38°F (3°C)
 Visibility 10.00 mi
 Wind Chill 40°F (4°C)
 Last update 25 Jan 8:56 am CST

More Information:
[Local Forecast Office](#)
[More Local Wx](#)
[3 Day History](#)
[Mobile Weather](#)
[Hourly Weather Forecast](#)

Extended Forecast for
Noxapater MS

Today	Tonight	Thursday	Thursday Night	Friday	Friday Night	Saturday	Saturday Night	Sunday
								
High: 42 °F	Low: 33 °F	High: 47 °F	Low: 25 °F	High: 53 °F	Low: 31 °F	High: 58 °F	Low: 45 °F	High: 57 °F



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www.linkedin.com/company/surdex

HELP US PREVENT PAYMENT FRAUD – Surdex will adhere to the original payment processing method in our contract. Surdex will not contact you to change payment processing methods. Surdex requests all questions or concerns be directed to Surdex Corporation, Accounting.

From: Cornell Rowan
Sent: Wednesday, January 25, 2023 9:52 AM
To: Stephen Champlin <schamplin@mdeq.ms.gov>; Hays Lambert <hlambert@atlasgeodata.com>; Larry Kirkpatrick <lirkpatrick@atlasgeodata.com>; Zach Adams <zach.adams@waggonereng.com>; Brian Smith <brian.smith@waggonereng.com>
Cc: John Boeding <johnb@surdex.com>
Subject: Aerial Imagery Acquisition - Status Update

Good Morning,

Due to unfavorable conditions there were no missions flown yesterday, Tuesday, January 24, 2023. The [Real Time Satellite Image](#) is currently showing clouds in the entire AOI.

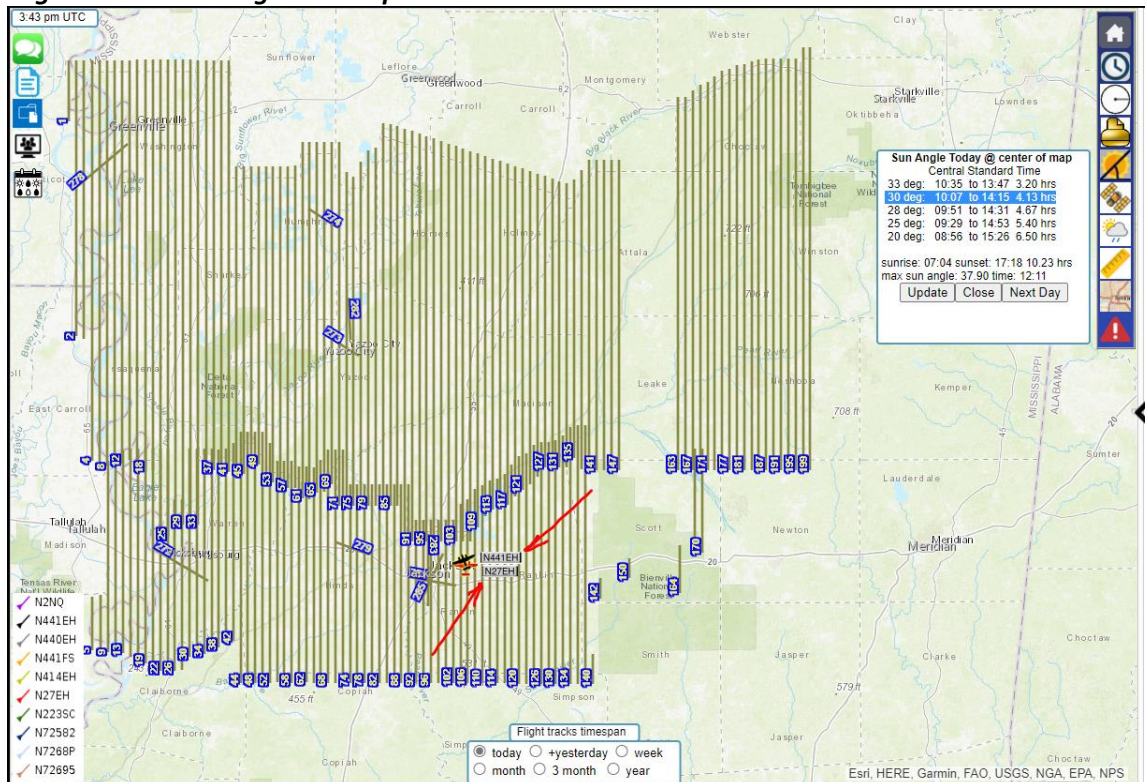
Surdex has two (2) Aircraft (*tail numbers N27EH and N441EH*) that are still in the AOI (*Jackson-Evers International Airport*) to take advantage of any opportunity to acquire imagery.

After the 2 missions flown yesterday (*Thursday, January 19, 2023*), **5,504 (43%)** of the **12,792** nautical flightline miles have been acquired to date. As a result, **7,288** nautical flightline miles are remaining to be acquired that will require **~52.5** online hours (*with one aircraft*) to complete the 6-inch resolution, 25 county area of interest (AOI).

Please do not hesitate to contact me at **any time** if you have questions or comments.

Thank you.

Flightlines Remaining to be Acquired



AOI – West

Current conditions at
Jackson, Hawkins Field Airport (KHKS)
 Lat: 32.33°N Lon: 90.22°W Elev: 341ft.



Overcast
43°F
 6°C

Humidity 74%
 Wind Speed W 13 G 25 mph
 Barometer 29.96 in (1014.1 mb)
 Dewpoint 35°F (2°C)
 Visibility 10.00 mi
 Wind Chill 36°F (2°C)
 Last update 25 Jan 8:53 am CST

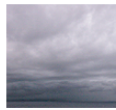
More Information:
[Local Forecast Office](#)
[More Local Wx](#)
[3 Day History](#)
[Mobile Weather](#)
[Hourly Weather Forecast](#)

Extended Forecast for
7 Miles SE Louise MS

Today	Tonight	Thursday	Thursday Night	Friday	Friday Night	Saturday	Saturday Night	Sunday
Cloudy	Mostly Cloudy	Mostly Sunny	Clear	Sunny	Mostly Clear	Partly Sunny	30% → 70% Chance Rain then Rain Likely	80% → 40% Rain then Chance Rain
High: 46 °F	Low: 34 °F	High: 47 °F	Low: 30 °F	High: 54 °F	Low: 35 °F	High: 58 °F	Low: 51 °F	High: 61 °F

AOI – East

Current conditions at
Columbus/West Point/Starkville, Golden Triangle Regional Airport (KGTR)
 Lat: 33.45°N Lon: 88.58°W Elev: 266ft.



Overcast
46°F
 8°C

Humidity 73%
 Wind Speed W 12 G 18 mph
 Barometer 29.88 in (1012.7 mb)
 Dewpoint 38°F (3°C)
 Visibility 10.00 mi
 Wind Chill 40°F (4°C)
 Last update 25 Jan 8:56 am CST

More Information:
[Local Forecast Office](#)
[More Local Wx](#)
[3 Day History](#)
[Mobile Weather](#)
[Hourly Weather Forecast](#)

Extended Forecast for
Noxapater MS

Today	Tonight	Thursday	Thursday Night	Friday	Friday Night	Saturday	Saturday Night	Sunday
Mostly Cloudy	Mostly Cloudy	Decreasing Clouds	Mostly Clear	Sunny	Mostly Clear	Mostly Sunny	20% → 50% Slight Chance Rain then Chance Rain	90% Rain
High: 42 °F	Low: 33 °F	High: 47 °F	Low: 25 °F	High: 53 °F	Low: 31 °F	High: 58 °F	Low: 45 °F	High: 57 °F



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From: Cornell Rowan

Sent: Tuesday, January 24, 2023 9:20 AM

To: Stephen Champlin <schamplin@mdeq.ms.gov>; Hays Lambert <hlambert@atlasgeodata.com>; Larry Kirkpatrick <lirkpatrick@atlasgeodata.com>; Zach Adams <zach.adams@waggonereng.com>; Brian Smith <brian.smith@waggonereng.com>

Cc: John Boeding <johnb@surdex.com>

Subject: Aerial Imagery Acquisition - Status Update

Good Morning,

Due to unfavorable conditions there were no missions flown yesterday, Monday, January 23, 2023. The [Real Time Satellite Image](#) is currently showing clouds in the AOI.

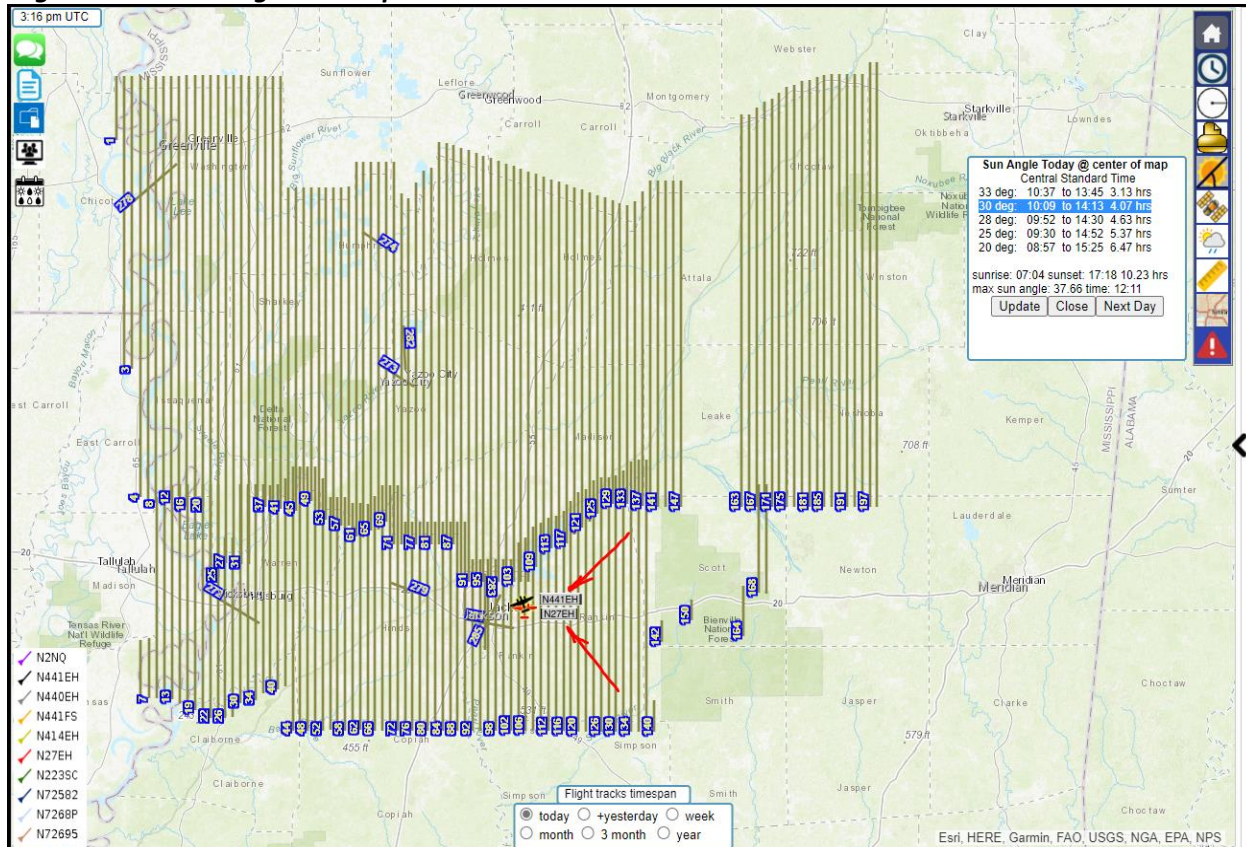
Tail Number N441EH mobilized to the AOI yesterday to replace N440EH and join N27EH to take advantage of any opportunity to acquire imagery.

After the 2 missions flown yesterday (*Thursday, January 19, 2023*), **5,504 (43%)** of the **12,792** nautical flightline miles have been acquired to date. As a result, **7,288** nautical flightline miles are remaining to be acquired that will require **~52.5** online hours (*with one aircraft*) to complete the 6-inch resolution, 25 county area of interest (AOI).

Please do not hesitate to contact me at **any time** if you have questions or comments.


Thank you.

Flightlines Remaining to be Acquired



AOI – West

Current conditions at
Greenwood, Greenwood-LeFlore Airport (KGWO)
 Lat: 33.49°N Lon: 90.08°W Elev: 154ft.





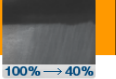







Fair
46°F
 8°C

Humidity 66%
 Wind Speed E 8 mph
 Barometer 30.20 in (1022.7 mb)
 Dewpoint 35°F (2°C)
 Visibility 10.00 mi
 Wind Chill 42°F (6°C)
 Last update 24 Jan 8:53 am CST

More Information:
[Local Forecast Office](#)
[More Local Wx](#)
[3 Day History](#)
[Mobile Weather](#)
[Hourly Weather Forecast](#)


Extended Forecast for
7 Miles NNW Eden MS

 [Click here for hazard details and duration](#)

Today	Tonight	Wednesday	Wednesday Night	Thursday	Thursday Night	Friday	Friday Night	Saturday
								
Mostly Sunny then Showers Likely and Windy	Windy, Showers then Chance Showers	Cloudy	Mostly Cloudy	Mostly Sunny	Mostly Clear	Sunny	Mostly Clear	Partly Sunny
High: 56 °F	Low: 42 °F	High: 48 °F	Low: 35 °F	High: 46 °F	Low: 30 °F	High: 54 °F	Low: 36 °F	High: 57 °F

AOI – East

Current conditions at
Columbus/West Point/Starkville, Golden Triangle Regional Airport (KGTR)
 Lat: 33.45°N Lon: 88.58°W Elev: 266ft.





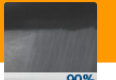







Fair
41°F
 5°C

Humidity 79%
 Wind Speed SE 12 mph
 Barometer 30.28 in (1026.3 mb)
 Dewpoint 35°F (2°C)
 Visibility 10.00 mi
 Wind Chill 34°F (1°C)
 Last update 24 Jan 8:56 am CST

More Information:
[Local Forecast Office](#)
[More Local Wx](#)
[3 Day History](#)
[Mobile Weather](#)
[Hourly Weather Forecast](#)

Extended Forecast for
3 Miles SE Louisville MS

 [Click here for hazard details and duration](#)

Today	Tonight	Wednesday	Wednesday Night	Thursday	Thursday Night	Friday	Friday Night	Saturday
								
Sunny then Chance Rain	Showers and Windy	Mostly Cloudy and Windy then Mostly Cloudy	Mostly Cloudy	Mostly Sunny	Mostly Clear	Sunny	Mostly Clear	Partly Sunny
High: 54 °F	Low: 41 °F	High: 50 °F	Low: 34 °F	High: 46 °F	Low: 27 °F	High: 53 °F	Low: 33 °F	High: 57 °F



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www.linkedin.com/company/surdex

From: Cornell Rowan
Sent: Monday, January 23, 2023 9:39 AM
To: Stephen Champlin <schamplin@mdeq.ms.gov>; Hays Lambert <hlambert@atlasgeodata.com>; Larry Kirkpatrick <lirkpatrick@atlasgeodata.com>; Zach Adams <zach.adams@waggonereng.com>; Brian Smith <brian.smith@waggonereng.com>
Cc: John Boeding <johnb@surdex.com>
Subject: RE: Aerial Imagery Acquisition - Status Update

Good Morning,

Due to unfavorable conditions since the last 2 missions flown on Thursday, January 19, 2023, the crews were **not** able to acquire imagery over the weekend. The [Real Time Satellite Image](#) is currently showing clouds in the AOI.

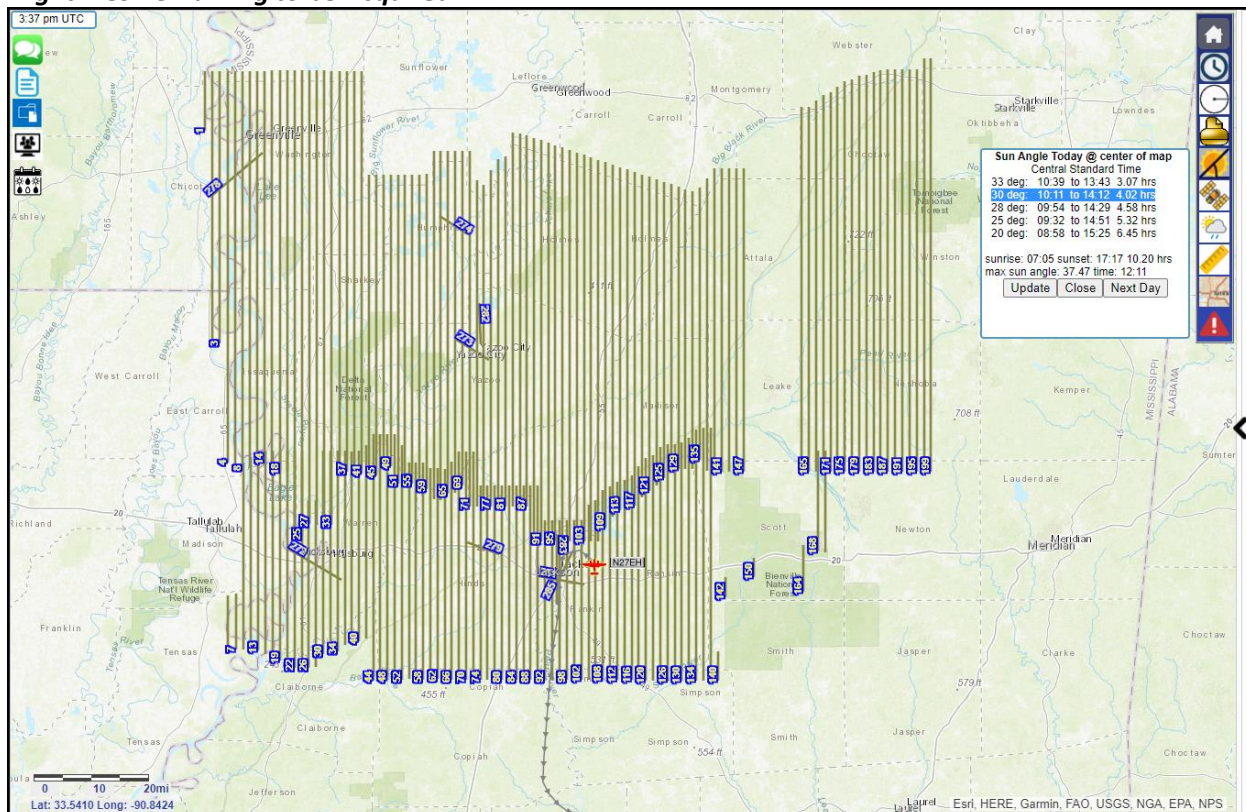
Tail Number N440EH has left the AOI but will be replaced by another crew as soon as the conditions are favorable.

After the 2 missions flown yesterday (*Thursday, January 19, 2023*), **5,504 (43%)** of the **12,792** nautical flightline miles have been acquired to date. As a result, **7,288** nautical flightline miles are remaining to be acquired that will require **~52.5** online hours (*with one aircraft*) to complete the 6-inch resolution, 25 county area of interest (AOI).

Please do not hesitate to contact me at **any time** if you have questions or comments.

Thank you.

Flightlines Remaining to be Acquired

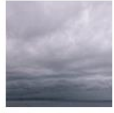


AOI – West

Current conditions at

Greenwood, Greenwood-LeFlore Airport (KGWO)

Lat: 33.49°N Lon: 90.08°W Elev: 154ft.



Overcast
44°F
7°C

Humidity 79%
Wind Speed N 6 mph
Barometer 30.29 in (1025.7 mb)
Dewpoint 38°F (3°C)
Visibility 10.00 mi
Wind Chill 41°F (5°C)
Last update 23 Jan 8:53 am CST

More Information:

[Local Forecast Office](#)
[More Local Wx](#)
[3 Day History](#)
[Mobile Weather](#)
[Hourly Weather Forecast](#)

Extended Forecast for

4 Miles NE Silver City MS

Today



Mostly Sunny

High: 51 °F

Tonight



Mostly Clear

Low: 34 °F

Tuesday



Sunny then
Chance
T-storms

High: 55 °F

Tuesday
Night



Windy, Heavy
Rain then
Slight Chance
Showers

Low: 42 °F

Wednesday



Mostly Cloudy

High: 47 °F

Wednesday
Night



Mostly Cloudy

Low: 35 °F

Thursday



Mostly Sunny

High: 48 °F

Thursday
Night



Mostly Clear

Low: 30 °F

Friday



Sunny

High: 53 °F

AOI – East

Current conditions at

Columbus/West Point/Starkville, Golden Triangle Regional Airport (KGTR)

Lat: 33.45°N Lon: 88.58°W Elev: 266ft.



Fair
44°F
7°C

Humidity 85%
Wind Speed N 8 mph
Barometer 30.28 in (1026.3 mb)
Dewpoint 40°F (4°C)
Visibility 10.00 mi
Wind Chill 39°F (4°C)
Last update 23 Jan 8:56 am CST

More Information:

[Local Forecast Office](#)
[More Local Wx](#)
[3 Day History](#)
[Mobile Weather](#)
[Hourly Weather Forecast](#)

Extended Forecast for

4 Miles NE Noxapater MS

Today



Mostly Sunny

High: 52 °F

Tonight



Mostly Clear

Low: 31 °F

Tuesday



Sunny then
Chance
T-storms

High: 55 °F

Tuesday
Night



Showers
Likely and
Windy

Low: 41 °F

Wednesday



Mostly Cloudy
and Windy
then Mostly
Cloudy

High: 50 °F

Wednesday
Night



Mostly Cloudy

Low: 34 °F

Thursday



Mostly Sunny

High: 48 °F

Thursday
Night



Partly Cloudy

Low: 28 °F

Friday



Sunny

High: 53 °F



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www.linkedin.com/company/surdex

From: Cornell Rowan

Sent: Friday, January 20, 2023 1:35 PM

To: Stephen Champlin <schamplin@mdeq.ms.gov>; Hays Lambert <hlambert@atlasgeodata.com>; Larry Kirkpatrick <lirkpatrick@atlasgeodata.com>; Zach Adams <zach.adams@waggonereng.com>; Brian Smith <brian.smith@waggonereng.com>

Cc: John Boeding <johnb@surdex.com>

Subject: MS 2022-2023 Early Access Image Service - Update

Good Afternoon,

The MS 2022-2023 Early Access Image Service has been updated to include imagery acquired on 01/15/2023. The User Name and Password shown below can be used for both links.

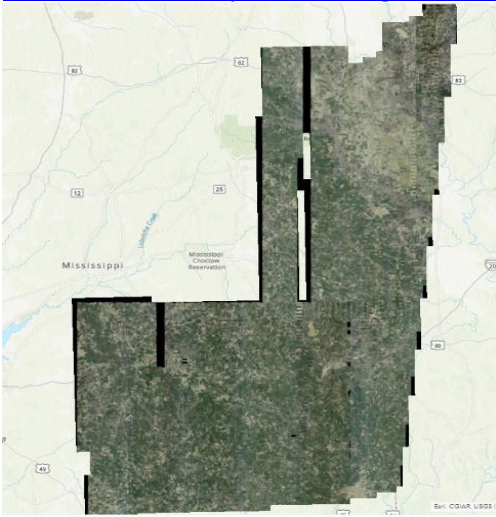
User Name: **MS25co**

Password: **MS2022**

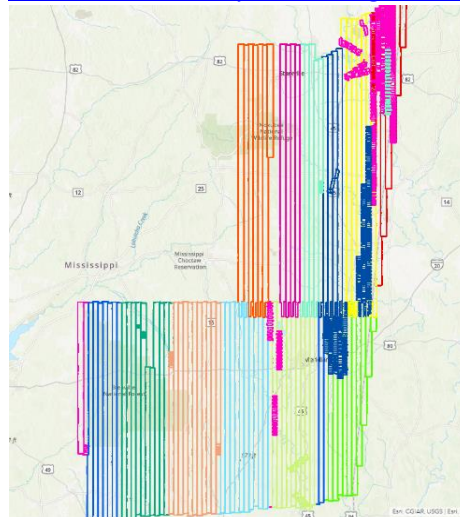
Please do not hesitate to contact me if you have any questions or comments.

Thank you,

[MS 2022-2023 Early Access Image Service](#)



[MS 2022-2023 Early Access Flightline Service](#)



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www.linkedin.com/company/surdex

From: Cornell Rowan
Sent: Friday, January 20, 2023 9:39 AM
To: Stephen Champlin <schamplin@mdeq.ms.gov>; Hays Lambert <hlambert@atlasgeodata.com>; Larry Kirkpatrick <lirkpatrick@atlasgeodata.com>; Zach Adams <zach.adams@waggonereng.com>; Brian Smith <brian.smith@waggonereng.com>
Cc: John Boeding <johnb@surdex.com>
Subject: Aerial Imagery Acquisition - Status Update

Good Morning,

As shown in the Flight Tracker image below, a second aircraft was able to mobilize to the AOI to begin acquiring imagery.

The two (2) crews were able to acquire imagery yesterday and are still on site this morning to take advantage of any opportunity presented. The [Real Time Satellite Image](#) is currently showing clouds moving across the AOI.

After the 2 missions flown yesterday (*Thursday, January 19, 2023*), **5,504 (43%)** of the **12,792** nautical flightline miles have been acquired to date. As a result, **7,288** nautical flightline miles are remaining to be acquired that will require **~52.5** online hours (*with one aircraft*) to complete the 6-inch resolution, 25 county area of interest (AOI).

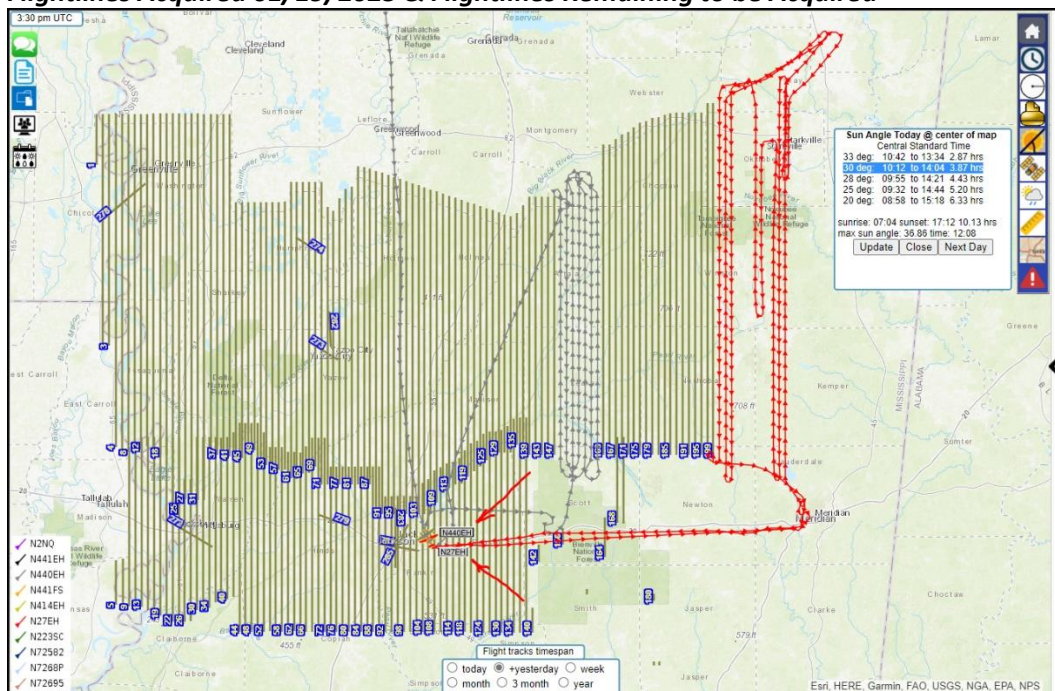
The ***Flightlines_Acquired_asof_101923.shp*** is attached. The ***ms21007_011923.pdf*** and ***ms21009_011923.pdf*** flight reports are also attached and have been placed on the ftp site.

[MS 2022-2023 Flight Reports](#)

Please do not hesitate to contact me at **any time** if you have questions or comments.

Thank you.

Flightlines Acquired 01/19/2023 & Flightlines Remaining to be Acquired



AOI – West

Current conditions at

Greenwood, Greenwood-LeFlore Airport (KGWO)

Lat: 33.49°N Lon: 90.08°W Elev: 154ft.



Fair
44°F
7°C

Humidity 73%
Wind Speed Calm
Barometer 30.29 in (1025.5 mb)
Dewpoint 36°F (2°C)
Visibility 10.00 mi
Last update 20 Jan 8:53 am CST

More Information:

[Local Forecast Office](#)
[More Local Wx](#)
[3 Day History](#)
[Mobile Weather](#)
[Hourly Weather Forecast](#)

Extended Forecast for

4 Miles NE Silver City MS

Today



Partly Sunny

High: 54 °F

Tonight



Mostly Cloudy

Low: 40 °F

Saturday



Partly Sunny
then Chance
Rain

High: 55 °F

Saturday
Night



Rain

Low: 47 °F

Sunday



Mostly Cloudy

High: 53 °F

Sunday
Night



Partly Cloudy

Low: 38 °F

Monday



Sunny

High: 54 °F

Monday
Night



Partly Cloudy

Low: 39 °F

Tuesday



Showers

High: 58 °F

AOI – East

Current conditions at

Columbus/West Point/Starkville, Golden Triangle Regional Airport (KGTR)

Lat: 33.45°N Lon: 88.58°W Elev: 266ft.



Fair
43°F
6°C

Humidity 76%
Wind Speed NW 5 mph
Barometer 30.28 in (1026.2 mb)
Dewpoint 36°F (2°C)
Visibility 10.00 mi
Wind Chill 40°F (4°C)
Last update 20 Jan 8:56 am CST

More Information:

[Local Forecast Office](#)
[More Local Wx](#)
[3 Day History](#)
[Mobile Weather](#)
[Hourly Weather Forecast](#)

Extended Forecast for

7 Miles ESE Louisville MS

Today



Partly Sunny

High: 55 °F

Tonight



Mostly Cloudy

Low: 37 °F

Saturday



Mostly Cloudy
then Chance
Rain

High: 53 °F

Saturday
Night



Rain

Low: 43 °F

Sunday



Slight Chance
Rain then
Mostly Cloudy

High: 54 °F

Sunday
Night



Partly Cloudy

Low: 36 °F

Monday



Sunny

High: 53 °F

Monday
Night



Partly Cloudy

Low: 35 °F

Tuesday



Showers
Likely

High: 58 °F



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www.facebook.com/SurdexCorporation
www.linkedin.com/company/surdex

From: Cornell Rowan
Sent: Thursday, January 19, 2023 10:06 AM
To: Stephen Champlin <schamplin@mdeq.ms.gov>; Hays Lambert <hlambert@atlasgeodata.com>; Larry Kirkpatrick <lirkpatrick@atlasgeodata.com>; Zach Adams <zach.adams@waggonereng.com>; Brian Smith <brian.smith@waggonereng.com>
Cc: John Boeding <johnb@surdex.com>
Subject: MS 2022-2023 Early Access Image Service - Update

Good Morning,

Due to unfavorable conditions, the crew was **not** able to acquire imagery yesterday but is currently on line. The [Real Time Satellite Image](#) is currently showing no clouds cover in the entire AOI. Referencing the 5-day weather forecast below, it appears that we have one (1) maybe 2 favorable days starting today.

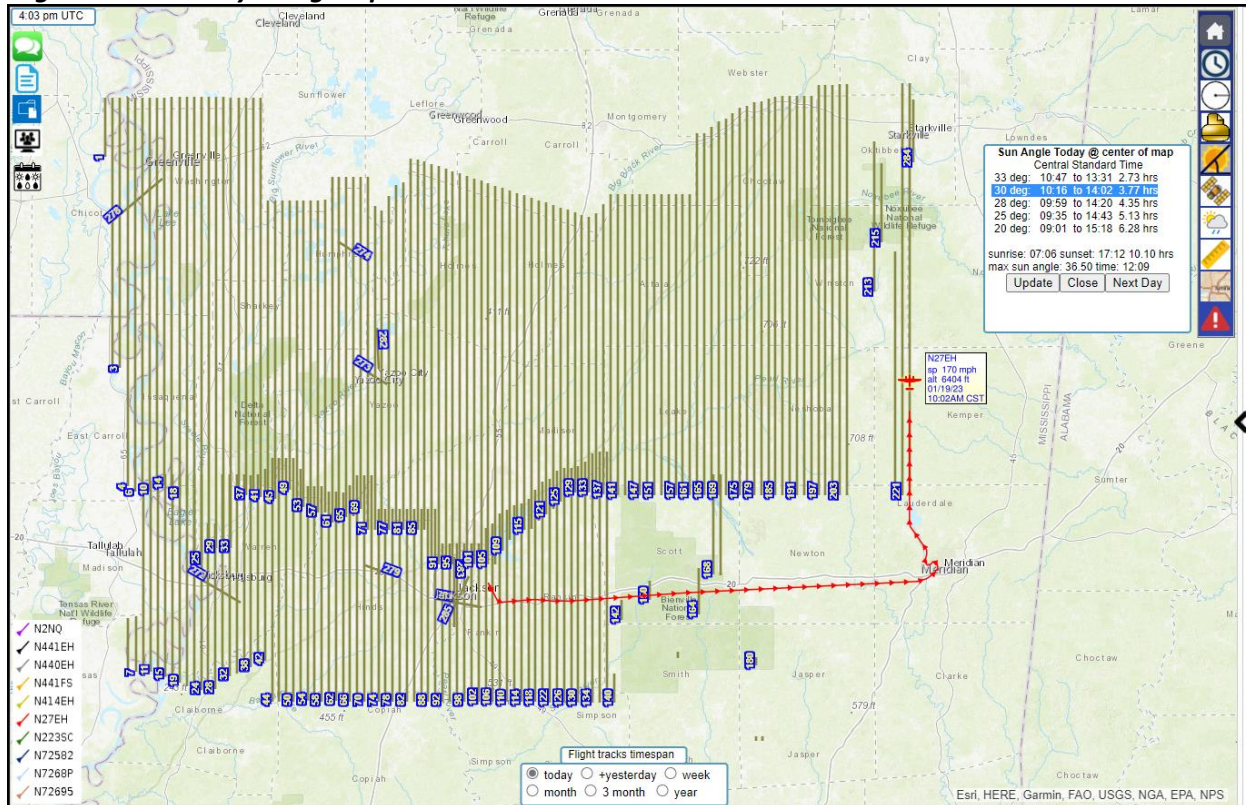
As discussed yesterday, a second aircraft is scheduled to mobilize to the AOI sometime this morning to acquire imagery as well.

After the flightlines acquired Sunday, January 15, 2023, **4,791 (37%)** of the **12,792** nautical flightline miles have been acquired to date. As a result, **8,001** nautical flightline miles are remaining to be acquired that will require **~57.5** online hours (*with one aircraft*) to complete the 6-inch resolution, 25 county area of interest (AOI).

Please do not hesitate to contact me at **any time** if you have questions or comments.

Thank you.

Flightlines Currently being Acquired



AOI – West

Current conditions at
Greenville, Mid Delta Regional Airport (KGLH)
 Lat: 33.48°N Lon: 90.99°W Elev: 131ft.



Fair
56°F
 13°C

Humidity 62%
 Wind Speed SW 13 G 22 mph
 Barometer 29.93 in (1014.2 mb)
 Dewpoint 43°F (6°C)
 Visibility 10.00 mi
 Last update 19 Jan 8:53 am CST

More Information:
[Local Forecast Office](#)
[More Local Wx](#)
[3 Day History](#)
[Mobile Weather](#)
[Hourly Weather Forecast](#)

Extended Forecast for
2 Miles NW Midnight MS

Today



Sunny

High: 60 °F

Tonight



Mostly Clear

Low: 38 °F

Friday



Partly Sunny

High: 52 °F

Friday Night



Mostly Cloudy

Low: 40 °F

Saturday



Partly Sunny then Slight Chance Rain

High: 53 °F

Saturday Night



Rain Likely

Low: 46 °F

Sunday



Slight Chance Rain then Mostly Cloudy

High: 53 °F

Sunday Night



Partly Cloudy

Low: 36 °F

Monday



Sunny

High: 54 °F

AOI – East

Current conditions at
Columbus/West Point/Starkville, Golden Triangle Regional Airport (KGTR)
 Lat: 33.45°N Lon: 88.58°W Elev: 266ft.



Fair
61°F
 16°C

Humidity 70%
 Wind Speed SW 13 mph
 Barometer 29.94 in (1014.6 mb)
 Dewpoint 51°F (11°C)
 Visibility 10.00 mi
 Last update 19 Jan 9:56 am CST

More Information:
[Local Forecast Office](#)
[More Local Wx](#)
[3 Day History](#)
[Mobile Weather](#)
[Hourly Weather Forecast](#)

Extended Forecast for
7 Miles ESE Louisville MS

Today



Sunny

High: 65 °F

Tonight



Increasing Clouds

Low: 37 °F

Friday



Areas Frost then Partly Sunny

High: 56 °F

Friday Night



Mostly Cloudy

Low: 36 °F

Saturday



Partly Sunny then Chance Rain

High: 54 °F

Saturday Night



Rain

Low: 44 °F

Sunday



Slight Chance Rain

High: 55 °F

Sunday Night



Mostly Cloudy

Low: 35 °F

Monday



Mostly Sunny

High: 55 °F



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www.facebook.com/SurdexCorporation
www.linkedin.com/company/surdex

From: Cornell Rowan

Sent: Wednesday, January 18, 2023 12:39 PM

To: Stephen Champlin <schamplin@mdeq.ms.gov>; Hays Lambert <hlambert@atlasgeodata.com>; Larry Kirkpatrick <lirkpatrick@atlasgeodata.com>; Zach Adams <zach.adams@waggonereng.com>; Brian Smith <brian.smith@waggonereng.com>

Cc: John Boeding <johnb@surdex.com>

Subject: MS 2022-2023 Early Access Image Service - Update

Good Afternoon,

The MS 2022-2023 Early Access Image Service has been updated to include imagery acquired on 01/14/2023. The User Name and Password shown below can be used for both links.

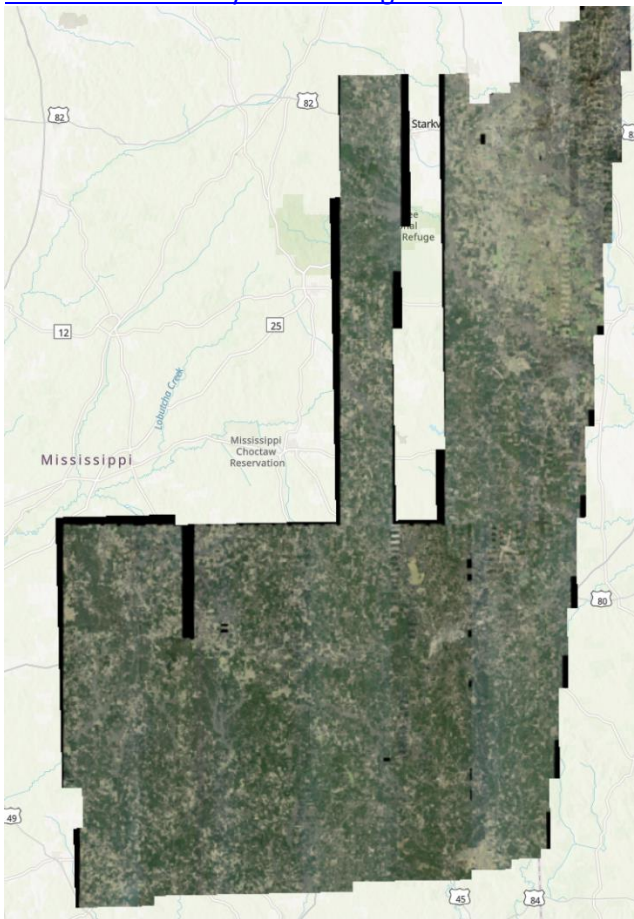
User Name: **MS25co**

Password: **MS2022**

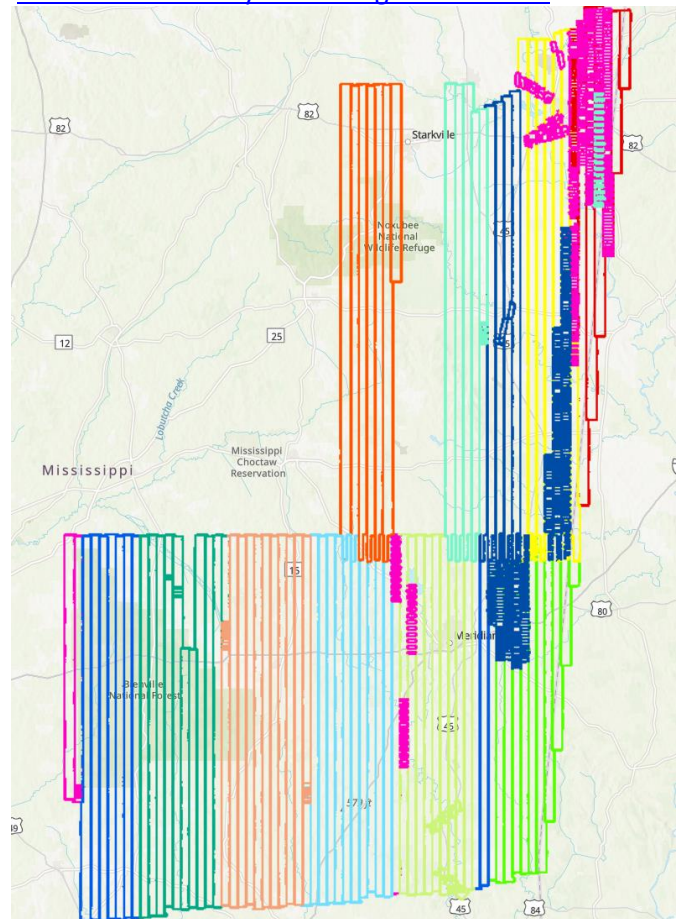
Please do not hesitate to contact me if you have any questions or comments.

Thank you,

[MS 2022-2023 Early Access Image Service](#)



[MS 2022-2023 Early Access Flightline Service](#)





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HELP US PREVENT PAYMENT FRAUD – Surdex will adhere to the original payment processing method in our contract. Surdex will not contact you to change payment processing methods. Surdex requests all questions or concerns be directed to Surdex Corporation, Accounting.

From: Cornell Rowan

Sent: Wednesday, January 18, 2023 10:59 AM

To: Stephen Champlin <schamplin@mdeq.ms.gov>; Hays Lambert <hlambert@atlasgeodata.com>; Larry Kirkpatrick <lirkpatrick@atlasgeodata.com>; Zach Adams <zach.adams@waggonereng.com>; Brian Smith <brian.smith@waggonereng.com>

Cc: John Boeding <johnb@surdex.com>

Subject: Aerial Imagery Acquisition - Status Update

Good Morning,

Due to unfavorable conditions, the crew was **not** able to acquire imagery yesterday but is still on site to take advantage of any opportunity presented. The [Real Time Satellite Image](#) is currently showing clouds covering the entire AOI. Referencing the 5-day weather forecast below, it appears that we may have two (2) favorable days starting tomorrow.

After the flightlines acquired Sunday, January 15, 2023, **4,791 (37%)** of the **12,792** nautical flightline miles have been acquired to date. As a result, **8,001** nautical flightline miles are remaining to be acquired that will require **~57.5** online hours (*with one aircraft*) to complete the 6-inch resolution, 25 county area of interest (AOI).

Please do not hesitate to contact me at **any time** if you have questions or comments.

Thank you.

AOI – West










Current conditions at
Greenwood, Greenwood-LeFlore Airport (KGWO)
Lat: 33.49°N Lon: 90.68°W Elev: 154ft.

Overcast
68°F
20°C

Humidity 87%
Wind Speed S 15 mph
Barometer 29.88 in (1011.7 mb)
Dewpoint 64°F (18°C)
Visibility 10.00 mi
Last update 18 Jan 9:53 am CST

More Information:
[Local Forecast Office](#)
[More Local Wx](#)
[3 Day History](#)
[Mobile Weather](#)
[Hourly Weather Forecast](#)

Extended Forecast for
5 Miles W Eden MS

Today	Tonight	Thursday	Thursday Night	Friday	Friday Night	Saturday	Saturday Night	Sunday
 30%	 80%					 40%	 70% → 40%	 30%
Cloudy then Chance Showers High: 78 °F	Severe Thunderstorms then Partly Cloudy Low: 53 °F	Sunny High: 62 °F	Mostly Clear Low: 37 °F	Patchy Frost then Mostly Sunny High: 54 °F	Mostly Cloudy Low: 38 °F	Cloudy then Chance Showers High: 53 °F	Showers Likely then Chance Showers Low: 44 °F	Chance Showers High: 54 °F

AOI – East










Current conditions at
Winona-Montgomery County Airport (K5A6)
Lat: 33.47°N Lon: 89.73°W Elev: 364ft.

65°F
18°C

Humidity 95%
Wind Speed S 14 G 20 mph
Barometer 29.90 in
Dewpoint 64°F (18°C)
Visibility 10.00 mi
Last update 18 Jan 10:35 am CST

More Information:
[Local Forecast Office](#)
[More Local Wx](#)
[3 Day History](#)
[Mobile Weather](#)
[Hourly Weather Forecast](#)

Extended Forecast for
7 Miles WNW Noxapater MS

Today	Tonight	Thursday	Thursday Night	Friday	Friday Night	Saturday	Saturday Night	Sunday
 10%	 90%					 40%	 70%	 40%
Slight Chance Showers then Mostly Cloudy High: 76 °F	Rain Low: 54 °F	Sunny High: 66 °F	Mostly Clear Low: 36 °F	Areas Frost then Mostly Sunny High: 57 °F	Mostly Cloudy then Areas Frost Low: 36 °F	Mostly Cloudy then Chance Showers High: 52 °F	Showers Likely Low: 42 °F	Chance Showers High: 55 °F



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www.facebook.com/SurdexCorporation
www.linkedin.com/company/surdex

From: Cornell Rowan
Sent: Tuesday, January 17, 2023 12:21 PM
To: Stephen Champlin <schamplin@mdeq.ms.gov>; Hays Lambert <hlambert@atlasgeodata.com>; Larry Kirkpatrick <lirkpatrick@atlasgeodata.com>; Zach Adams <zach.adams@waggonereng.com>; Brian Smith <brian.smith@waggonereng.com>
Cc: John Boeding <johnb@surdex.com>
Subject: Aerial Imagery Acquisition - Status Update

Good Afternoon,

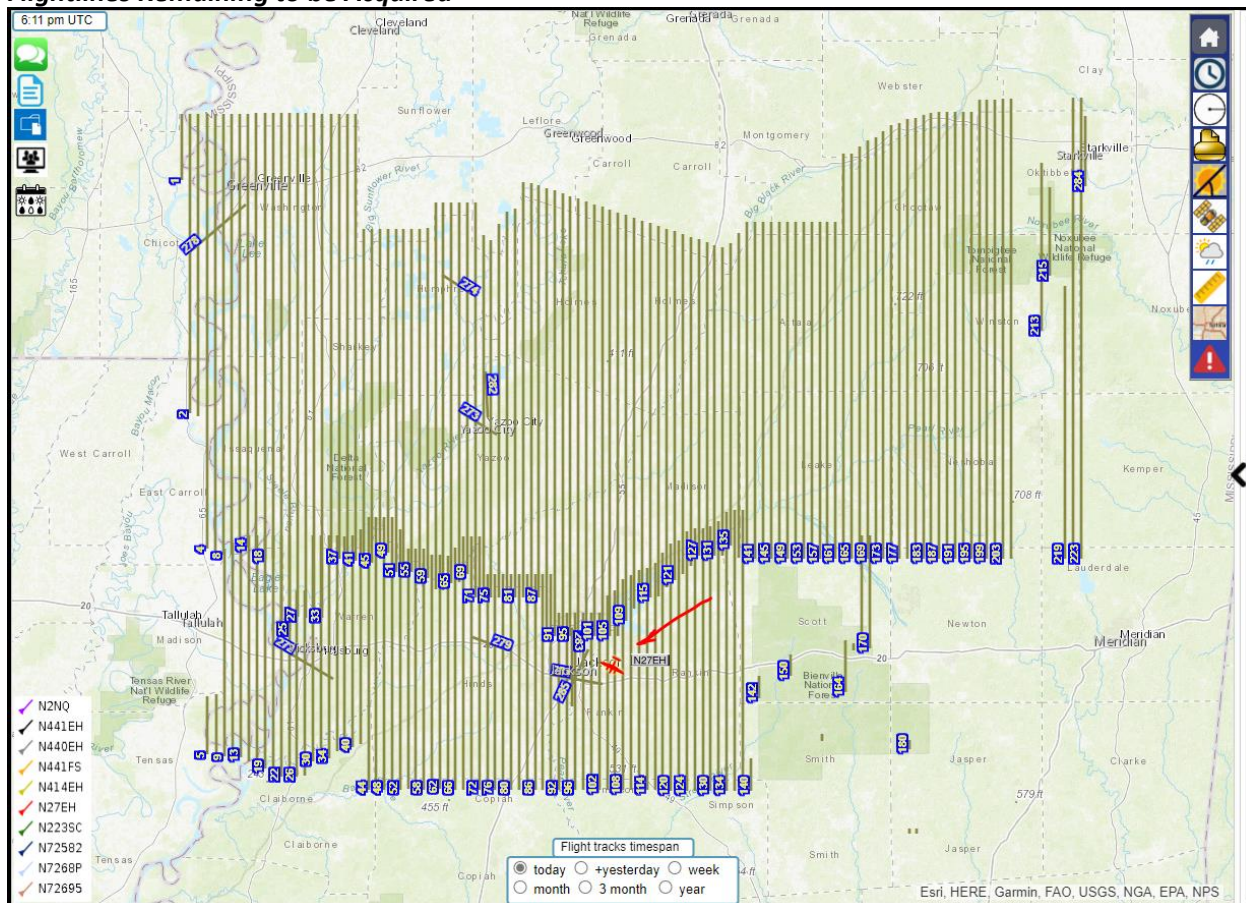
Due to unfavorable conditions, the crew was **not** able to acquire imagery yesterday but is still on site to take advantage of any opportunity presented. The [Real Time Satellite Image](#) is currently showing clouds covering the entire AOI. Referencing the 5-day weather forecast below, it appears that we may have two (2) favorable days starting Thursday.

After the flightlines acquired Sunday, January 15, 2023, **4,791 (37%)** of the **12,792** nautical flightline miles have been acquired to date. As a result, **8,001** nautical flightline miles are remaining to be acquired that will require **~57.5** online hours (*with one aircraft*) to complete the 6-inch resolution, 25 county area of interest (AOI).

Please do not hesitate to contact me at **any time** if you have questions or comments.

Thank you.

Flightlines Remaining to be Acquired



AOI – West

Current conditions at
Greenville, Mid Delta Regional Airport (KGLH)
 Lat: 33.48°N Lon: 90.99°W Elev: 131ft.



A Few Clouds
74°F
 23°C

Humidity 67%
 Wind Speed SW 13 mph
 Barometer 29.81 in (1010.1 mb)
 Dewpoint 62°F (17°C)
 Visibility 10.00 mi
 Last update 17 Jan 11:53 am CST

More Information:
[Local Forecast Office](#)
[More Local Wx](#)
[3 Day History](#)
[Mobile Weather](#)
[Hourly Weather Forecast](#)

Extended Forecast for
2 Miles N Midnight MS

This Afternoon	Tonight	Wednesday	Wednesday Night	Thursday	Thursday Night	Friday	Friday Night	Saturday
Partly Sunny	Mostly Cloudy	Severe Thunderstorms	Heavy Rain then Mostly Clear	Sunny	Mostly Clear	Mostly Sunny	Mostly Cloudy	Mostly Cloudy then Chance Showers
High: 72 °F	Low: 60 °F	High: 74 °F	Low: 51 °F	High: 60 °F	Low: 39 °F	High: 54 °F	Low: 40 °F	High: 53 °F

AOI – East

Current conditions at
Columbus/West Point/Starkville, Golden Triangle Regional Airport (KGTR)
 Lat: 33.45°N Lon: 88.58°W Elev: 266ft.



Mostly Cloudy
71°F
 22°C

Humidity 76%
 Wind Speed SW 8 mph
 Barometer 29.86 in (1011.6 mb)
 Dewpoint 63°F (17°C)
 Visibility 10.00 mi
 Last update 17 Jan 11:56 am CST

More Information:
[Local Forecast Office](#)
[More Local Wx](#)
[3 Day History](#)
[Mobile Weather](#)
[Hourly Weather Forecast](#)

Extended Forecast for
5 Miles E Louisville MS

This Afternoon	Tonight	Wednesday	Wednesday Night	Thursday	Thursday Night	Friday	Friday Night	Saturday
Slight Chance Showers	Increasing Clouds	Heavy Rain	Showers then Heavy Rain	Sunny	Mostly Clear	Patchy Frost then Mostly Sunny	Mostly Cloudy	Chance Showers
High: 72 °F	Low: 57 °F	High: 74 °F	Low: 53 °F	High: 65 °F	Low: 37 °F	High: 57 °F	Low: 37 °F	High: 54 °F



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From: Cornell Rowan
Sent: Monday, January 16, 2023 7:58 AM
To: Stephen Champlin <schamplin@mdeq.ms.gov>; Hays Lambert <hlambert@atlasgeodata.com>; Larry Kirkpatrick <lirkpatrick@atlasgeodata.com>; Zach Adams <zach.adams@waggonereng.com>; Brian Smith <brian.smith@waggonereng.com>
Cc: John Boeding <johnb@surdex.com>
Subject: Aerial Imagery Acquisition - Status Update

Good Morning,

The crew was able to acquire imagery yesterday and is still on site this morning to take advantage of any opportunity presented. The [Real Time Satellite Image](#) is currently showing clouds forming over the entire AOI.

After the flightlines acquired yesterday (Sunday, January 15, 2023), **4,791** (37%) of the **12,792** nautical flightline miles have been acquired to date. As a result, **8,001** nautical flightline miles are remaining to be acquired that will require **~57.5** online hours (*with one aircraft*) to complete the 6-inch resolution, 25 county area of interest (AOI).

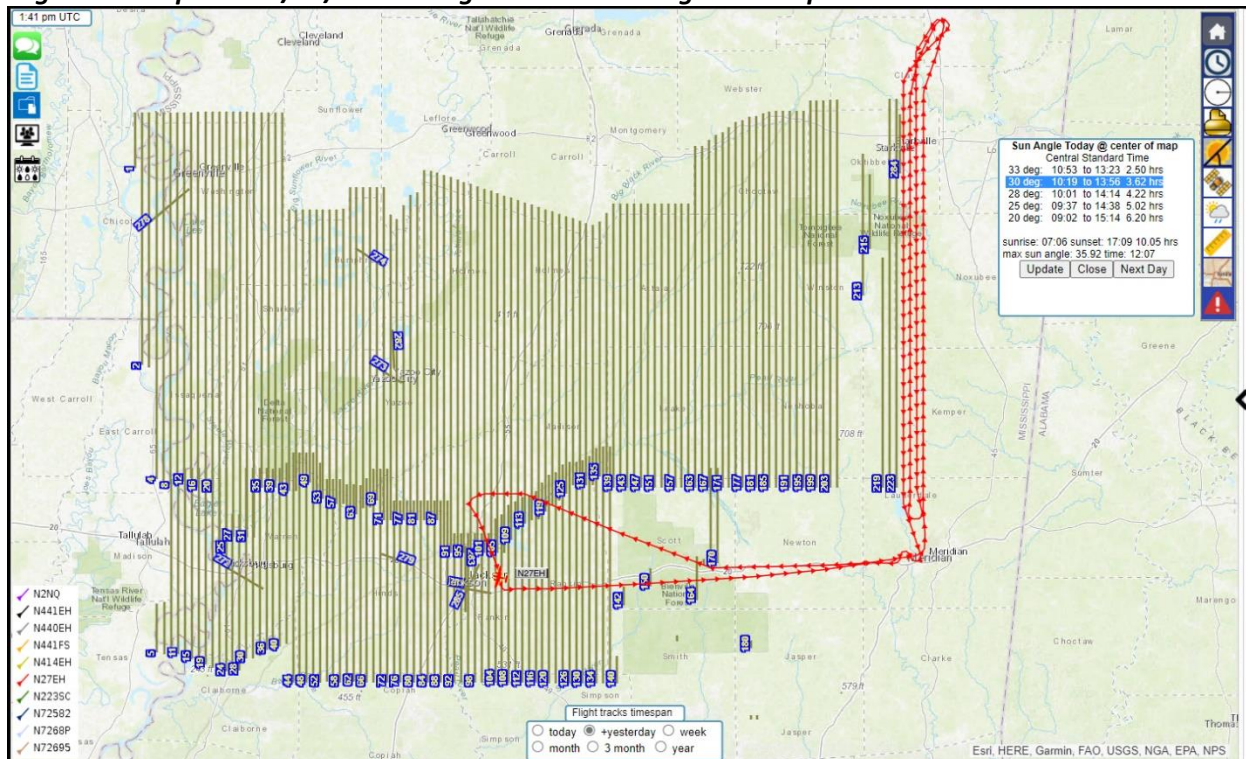
The ***Flightlines_Acquired_asof_101523.shp*** is attached. The ***ms20989_011523.pdf*** flight report is also attached and has been placed on the ftp site.

[MS 2022-2023 Flight Reports](#)

Please do not hesitate to contact me at **any time** if you have questions or comments.

Thank you.

Flightlines Acquired 01/15/2023 & Flightlines Remaining to be Acquired



AOI – West

Current conditions at

Greenwood, Greenwood-LeFlore Airport (KGWO)

Lat: 33.49°N Lon: 90.08°W Elev: 154ft.



Overcast
58°F
14°C

Humidity 70%
Wind Speed S 14 mph
Barometer 29.95 in (1014.1 mb)
Dewpoint 48°F (9°C)
Visibility 10.00 mi
Last update 16 Jan 6:53 am CST

More Information:

[Local Forecast Office](#)
[More Local Wx](#)
[3 Day History](#)
[Mobile Weather](#)
[Hourly Weather Forecast](#)

Extended Forecast for

3 Miles E Silver City MS

M.L. King Day



30%
Cloudy then
Chance Rain

High: 66 °F

Tonight



60%
Showers
Likely

Low: 61 °F

Tuesday



Decreasing
Clouds

High: 74 °F

Tuesday Night



Mostly Cloudy

Low: 60 °F

Wednesday



40% 60%
Chance
Showers then
Severe
Thunderstorms

High: 75 °F

Wednesday Night



80% → 20%
Showers then
Slight Chance
Showers

Low: 51 °F

Thursday



Sunny

High: 62 °F

Thursday Night



Partly Cloudy

Low: 39 °F

Friday



Mostly Sunny

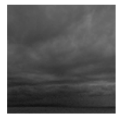
High: 57 °F

AOI – East

Current conditions at

Columbus/West Point/Starkville, Golden Triangle Regional Airport (KGTR)

Lat: 33.45°N Lon: 88.58°W Elev: 266ft.



Overcast
46°F
8°C

Humidity 71%
Wind Speed S 13 mph
Barometer 30.04 in (1017.9 mb)
Dewpoint 37°F (3°C)
Visibility 10.00 mi
Wind Chill 40°F (4°C)
Last update 16 Jan 6:56 am CST

More Information:

[Local Forecast Office](#)
[More Local Wx](#)
[3 Day History](#)
[Mobile Weather](#)
[Hourly Weather Forecast](#)

Extended Forecast for

5 Miles E Louisville MS

M.L. King Day



Mostly Cloudy

High: 65 °F

Tonight



30% → 70%
Chance
Showers then
Showers
Likely

Low: 58 °F

Tuesday



Partly Sunny

High: 72 °F

Tuesday Night



Mostly Cloudy

Low: 57 °F

Wednesday



40%
Chance
Showers

High: 75 °F

Wednesday Night



100% → 70%
Showers then
Showers
Likely

Low: 52 °F

Thursday



Sunny

High: 66 °F

Thursday Night



Partly Cloudy

Low: 38 °F

Friday



Mostly Sunny

High: 57 °F



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www.linkedin.com/company/surdex

From: Cornell Rowan
Sent: Sunday, January 15, 2023 10:40 AM
To: Stephen Champlin <schamplin@mdeq.ms.gov>; Hays Lambert <hlambert@atlasgeodata.com>; Larry Kirkpatrick <lirkpatrick@atlasgeodata.com>; Zach Adams <zach.adams@waggonereng.com>; Brian Smith <brian.smith@waggonereng.com>
Cc: John Boeding <johnb@surdex.com>
Subject: Aerial Imagery Acquisition - Status Update

Good Morning,

The crew was able to acquire imagery yesterday and is currently preparing to begin acquiring imagery at sun angle (10:21am) this morning. The [Real Time Satellite Image](#) is currently showing no clouds over the entire AOI.

After the flightlines acquired yesterday (Saturday, January 14, 2023), **4,541 (36%)** of the **12,792** nautical flightline miles have been acquired to date. As a result, **8,251** nautical flightline miles are remaining to be acquired that will require ~59 online hours (with one aircraft) to complete the 6-inch resolution, 25 county area of interest (AOI).

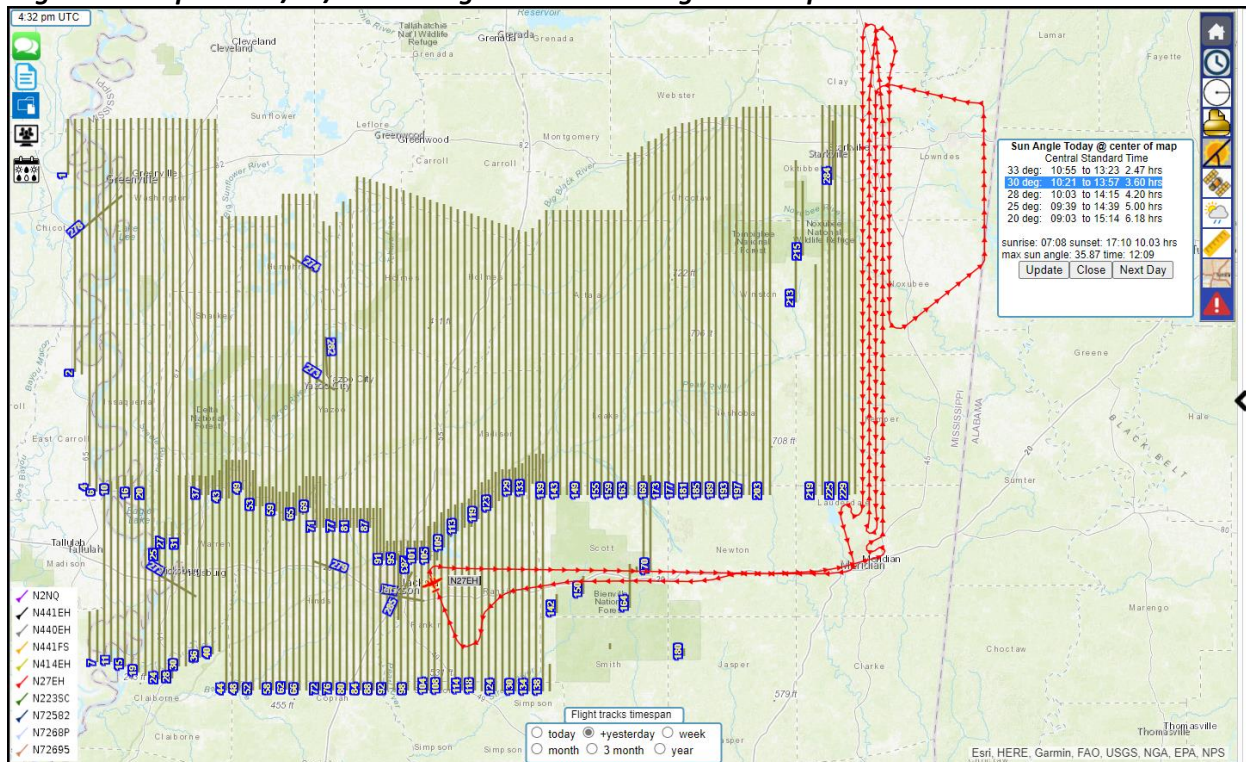
The **Flightlines_Acquired_asof_101423.shp** is attached. The **ms20982_011423.pdf** flight report is also attached and has been placed on the ftp site.

[MS 2022-2023 Flight Reports](#)

Please do not hesitate to contact me at **any time** if you have questions or comments.

Thank you.

Flightlines Acquired 01/14/2023 & Flightlines Remaining to be Acquired



AOI – West

Current conditions at

Greenwood, Greenwood-LeFlore Airport (KGWO)

Lat: 33.49°N Lon: 90.08°W Elev: 154ft.



Fair
50°F
10°C

Humidity 48%
Wind Speed S 12 mph
Barometer 30.23 in (1023.8 mb)
Dewpoint 31°F (-1°C)
Visibility 10.00 mi
Wind Chill 45°F (7°C)
Last update 15 Jan 9:53 am CST

More Information:

[Local Forecast Office](#)
[More Local Wx](#)
[3 Day History](#)
[Mobile Weather](#)
[Hourly Weather Forecast](#)

Extended Forecast for

3 Miles E Silver City MS

Today



Sunny

High: 61 °F

Tonight



Increasing
Clouds

Low: 47 °F

M.L.King
Day



Cloudy

High: 66 °F

Monday
Night



Mostly Cloudy

Low: 59 °F

Tuesday



Partly Sunny

High: 74 °F

Tuesday
Night



Mostly Cloudy

Low: 58 °F

Wednesday



Cloudy

High: 74 °F

Wednesday
Night



Mostly Cloudy

Low: 56 °F

Thursday



Mostly Sunny

High: 64 °F

AOI – East

Current conditions at

Columbus/West Point/Starkville, Golden Triangle Regional Airport (KGTR)

Lat: 33.45°N Lon: 88.58°W Elev: 266ft.



Fair
42°F
6°C

Humidity 62%
Wind Speed SE 12 mph
Barometer 30.29 in (1026.7 mb)
Dewpoint 30°F (-1°C)
Visibility 10.00 mi
Wind Chill 35°F (2°C)
Last update 15 Jan 9:56 am CST

More Information:

[Local Forecast Office](#)
[More Local Wx](#)
[3 Day History](#)
[Mobile Weather](#)
[Hourly Weather Forecast](#)

Extended Forecast for

7 Miles SE Louisville MS

Today



Sunny

High: 60 °F

Tonight



Increasing
Clouds

Low: 39 °F

M.L.King
Day



Mostly Cloudy

High: 64 °F

Monday
Night



Cloudy

Low: 56 °F

Tuesday



Partly Sunny

High: 72 °F

Tuesday
Night



Mostly Cloudy

Low: 56 °F

Wednesday



Mostly Cloudy

High: 73 °F

Wednesday
Night



Mostly Cloudy

Low: 57 °F

Thursday



Mostly Sunny

High: 67 °F



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From: Cornell Rowan

Sent: Saturday, January 14, 2023 10:27 AM

To: Stephen Champlin <schamplin@mdeq.ms.gov>; Hays Lambert <hlambert@atlasgeodata.com>; Larry Kirkpatrick <lirkpatrick@atlasgeodata.com>; Zach Adams <zach.adams@waggonereng.com>; Brian Smith <brian.smith@waggonereng.com>

Cc: John Boeding <johnb@surdex.com>

Subject: MS 2022-2023 Early Access Image Service - Update

Good Morning,

The MS 2022-2023 Early Access Image Service has been updated to include imagery acquired on 01/06/2023, 01/07/2023, 01/09/2023. and 01/10/2023. The User Name and Password shown below can be used for both links.

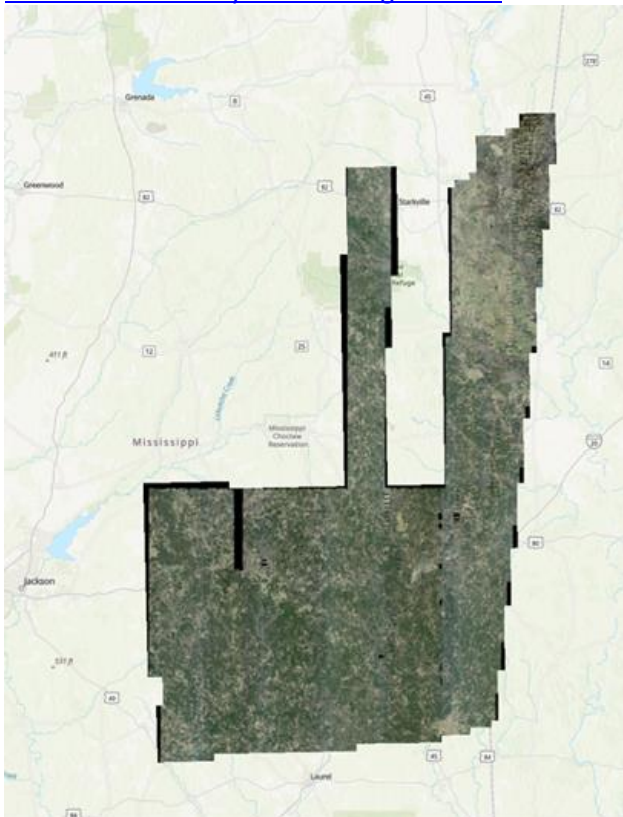
User Name: **MS25co**

Password: **MS2022**

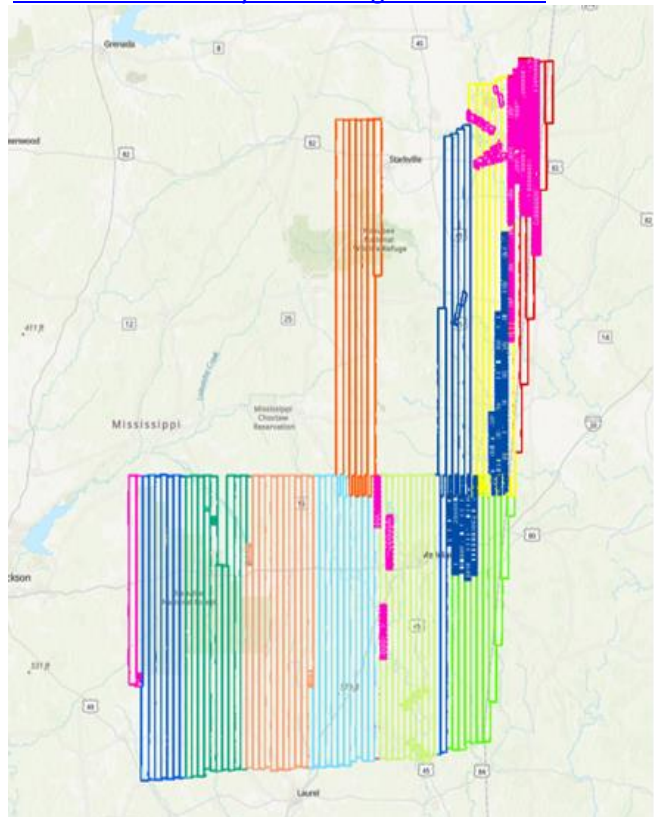
Please do not hesitate to contact me if you have any questions or comments.

Thank you,

[MS 2022-2023 Early Access Image Service](#)



[MS 2022-2023 Early Access Flightline Service](#)





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HELP US PREVENT PAYMENT FRAUD – Surdex will adhere to the original payment processing method in our contract. Surdex will not contact you to change payment processing methods. Surdex requests all questions or concerns be directed to Surdex Corporation, Accounting.

From: Cornell Rowan
Sent: Saturday, January 14, 2023 10:20 AM
To: 'Stephen Champlin' <schamplin@mdeq.ms.gov>; 'Hays Lambert' <hlambert@atlasgeodata.com>; 'Larry Kirkpatrick' <lkirkpatrick@atlasgeodata.com>; 'Zach Adams' <zach.adams@waggonereng.com>; 'Brian Smith' <brian.smith@waggonereng.com>
Cc: John Boeding <johnb@surdex.com>
Subject: Aerial Imagery Acquisition - Status Update

Good Morning,

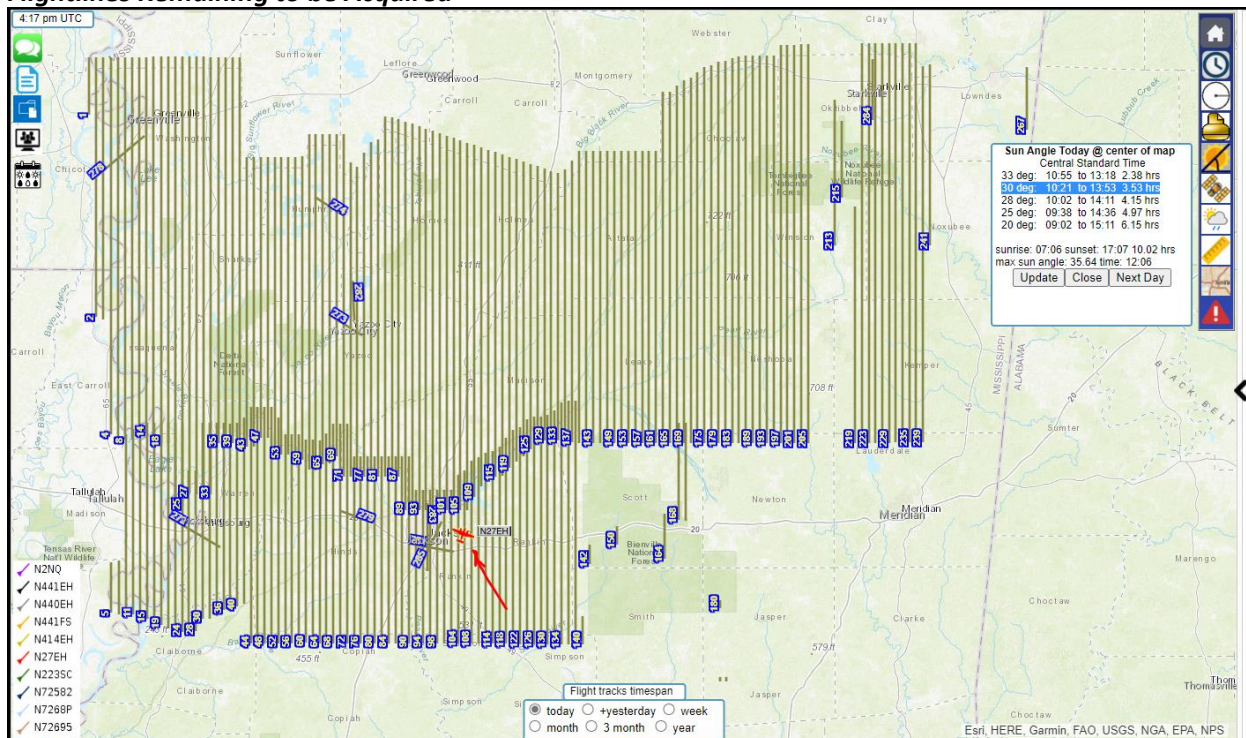
Due to unfavorable conditions, the crew was **not** able to acquire imagery yesterday but is still on site to take advantage of any opportunities. The [Real Time Satellite Image](#) is currently showing no clouds in the entire AOI. Referencing the 5-day weather forecast below, it appears that we may have 2 favorable days starting today.

After the flightlines acquired on *Tuesday, January 10, 2023*, **4,278 (33%)** of the **12,792** nautical flightline miles have been acquired to date. As a result, **8,514** nautical flightline miles are remaining to be acquired that will require **~60.5** online hours (*with one aircraft*) to complete the 6-inch resolution, 25 county area of interest (AOI).

Please do not hesitate to contact me at **any time** if you have questions or comments.

Thank you.

Flightlines Remaining to be Acquired



AOI – West

Current conditions at
Greenwood, Greenwood-LeFlore Airport (KGWO)
 Lat: 33.49°N Lon: 90.08°W Elev: 154ft.



Fair
39°F
 4°C

Humidity 67%
 Wind Speed NE 7 mph
 Barometer 30.39 in (1029.1 mb)
 Dewpoint 29°F (-2°C)
 Visibility 10.00 mi
 Wind Chill 34°F (1°C)
 Last update 14 Jan 9:53 am CST

More Information:
[Local Forecast Office](#)
[More Local Wx](#)
[3 Day History](#)
[Mobile Weather](#)
[Hourly Weather Forecast](#)

Extended Forecast for
Silver City MS

Today



Sunny

High: 48 °F

Tonight



Mostly Clear

Low: 32 °F

Sunday



Sunny

High: 60 °F

Sunday Night



Increasing
 Clouds

Low: 47 °F

M.L.King Day



Cloudy then
 Chance Rain

High: 66 °F

Monday Night



Showers
 Likely

Low: 60 °F

Tuesday



Partly Sunny

High: 73 °F

Tuesday Night



Mostly Cloudy
 then Chance
 T-storms

Low: 58 °F

Wednesday



T-storms
 Likely then
 Showers
 Likely

High: 72 °F

AOI – East

Current conditions at
Columbus/West Point/Starkville, Golden Triangle Regional Airport (KGTR)
 Lat: 33.45°N Lon: 88.58°W Elev: 266ft.



Partly Cloudy
35°F
 2°C

Humidity 67%
 Wind Speed N 13 mph
 Barometer 30.37 in (1029.4 mb)
 Dewpoint 25°F (-4°C)
 Visibility 10.00 mi
 Wind Chill 26°F (-3°C)
 Last update 14 Jan 8:56 am CST

More Information:
[Local Forecast Office](#)
[More Local Wx](#)
[3 Day History](#)
[Mobile Weather](#)
[Hourly Weather Forecast](#)

Extended Forecast for
7 Miles SE Louisville MS

Today



Sunny

High: 48 °F

Tonight



Mostly Clear

Low: 27 °F

Sunday



Sunny

High: 57 °F

Sunday Night



Increasing
 Clouds

Low: 40 °F

M.L.King Day



Mostly Cloudy
 then Slight
 Chance Rain

High: 64 °F

Monday Night



Showers
 Likely

Low: 57 °F

Tuesday



Chance
 Showers then
 Partly Sunny

High: 72 °F

Tuesday Night



Mostly Cloudy
 then Chance
 Rain

Low: 56 °F

Wednesday



Showers
 Likely

High: 71 °F



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 Fax: (636) 368-4461
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www.facebook.com/SurdexCorporation
www.linkedin.com/company/surdex

From: Cornell Rowan

Sent: Friday, January 13, 2023 8:31 AM

To: Stephen Champlin <schamplin@mdeq.ms.gov>; Hays Lambert <hlambert@atlasgeodata.com>; Larry Kirkpatrick <lirkpatrick@atlasgeodata.com>; Zach Adams <zach.adams@waggonereng.com>; Brian Smith <brian.smith@waggonereng.com>

Cc: John Boeding <johnb@surdex.com>

Subject: Aerial Imagery Acquisition - Status Update

Good Morning,

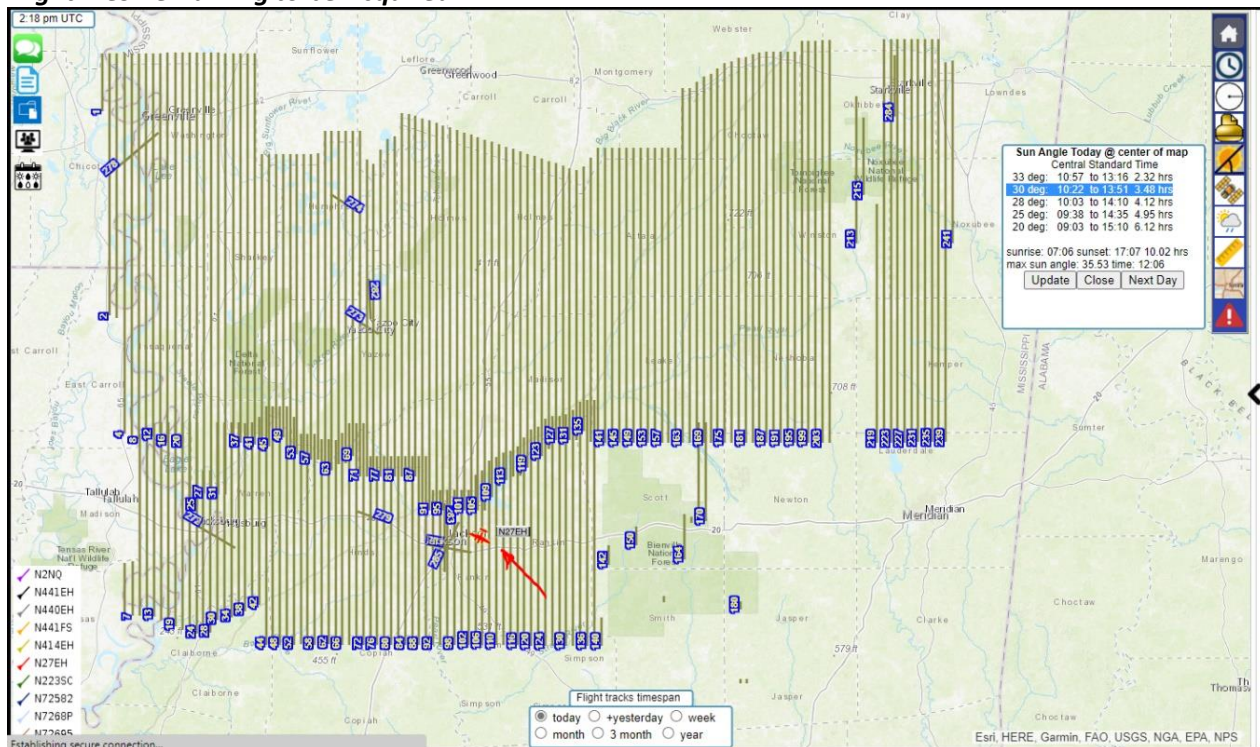
Due to unfavorable conditions, the crew was **not** able to acquire imagery yesterday but is still on site to take advantage of any opportunities. The [Real Time Satellite Image](#) is currently showing clouds covering the entire AOI. Referencing the 5-day weather forecast below, it appears that we may have 2 favorable days starting tomorrow.

After the flightlines acquired on *Tuesday, January 10, 2023*, **4,278 (33%)** of the **12,792** nautical flightline miles have been acquired to date. As a result, **8,514** nautical flightline miles are remaining to be acquired that will require **~60.5** online hours (*with one aircraft*) to complete the 6-inch resolution, 25 county area of interest (AOI).

Please do not hesitate to contact me at **any time** if you have questions or comments.

Thank you.

Flightlines Remaining to be Acquired

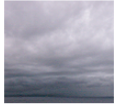


AOI – West

Current conditions at

Greenwood, Greenwood-LeFlore Airport (KGWO)

Lat: 33.49°N Lon: 90.08°W Elev: 154ft.



Overcast
41°F
5°C

Humidity 65%
Wind Speed N 6 G 17 mph
Barometer 30.28 in (1025.2 mb)
Dewpoint 30°F (-1°C)
Visibility 10.00 mi
Wind Chill 37°F (3°C)
Last update 13 Jan 7:53 am CST

More Information:

[Local Forecast Office](#)
[More Local Wx](#)
[3 Day History](#)
[Mobile Weather](#)
[Hourly Weather Forecast](#)

Extended Forecast for

3 Miles SSE Silver City MS

Today



Partly Sunny

High: 44 °F

Tonight



Frost

Low: 26 °F

Saturday



Frost then
Sunny

High: 49 °F

Saturday
Night



Partly Cloudy

Low: 32 °F

Sunday



Sunny

High: 60 °F

Sunday
Night



Mostly Cloudy

Low: 49 °F

M.L.King
Day



40%

Chance Rain

High: 68 °F

Monday
Night



60%

Showers
Likely

Low: 59 °F

Tuesday



20%

Slight Chance
Rain

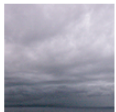
High: 73 °F

AOI – East

Current conditions at

Columbus/West Point/Starkville, Golden Triangle Regional Airport (KGTR)

Lat: 33.45°N Lon: 88.58°W Elev: 266ft.



Overcast
40°F
4°C

Humidity 73%
Wind Speed NW 12 mph
Barometer 30.22 in (1024.2 mb)
Dewpoint 32°F (0°C)
Visibility 10.00 mi
Wind Chill 33°F (1°C)
Last update 13 Jan 7:56 am CST

More Information:

[Local Forecast Office](#)
[More Local Wx](#)
[3 Day History](#)
[Mobile Weather](#)
[Hourly Weather Forecast](#)

Extended Forecast for

4 Miles E Louisville MS

Today



Cloudy

High: 43 °F

Tonight



Frost

Low: 26 °F

Saturday



Frost then
Sunny

High: 48 °F

Saturday
Night



Mostly Clear

Low: 28 °F

Sunday



Sunny

High: 57 °F

Sunday
Night



Mostly Cloudy

Low: 41 °F

M.L.King
Day



30%

Chance Rain

High: 64 °F

Monday
Night



60%

Showers
Likely

Low: 56 °F

Tuesday



30%

Chance Rain

High: 72 °F



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www.linkedin.com/company/surdex

From: Cornell Rowan

Sent: Thursday, January 12, 2023 9:32 AM

To: Stephen Champlin <schamplin@mdeq.ms.gov>; Hays Lambert <hlambert@atlasgeodata.com>; Larry Kirkpatrick <lirkpatrick@atlasgeodata.com>; Zach Adams <zach.adams@waggonereng.com>; Brian Smith <brian.smith@waggonereng.com>

Cc: John Boeding <johnb@surdex.com>

Subject: Aerial Imagery Acquisition - Status Update

Good Morning,

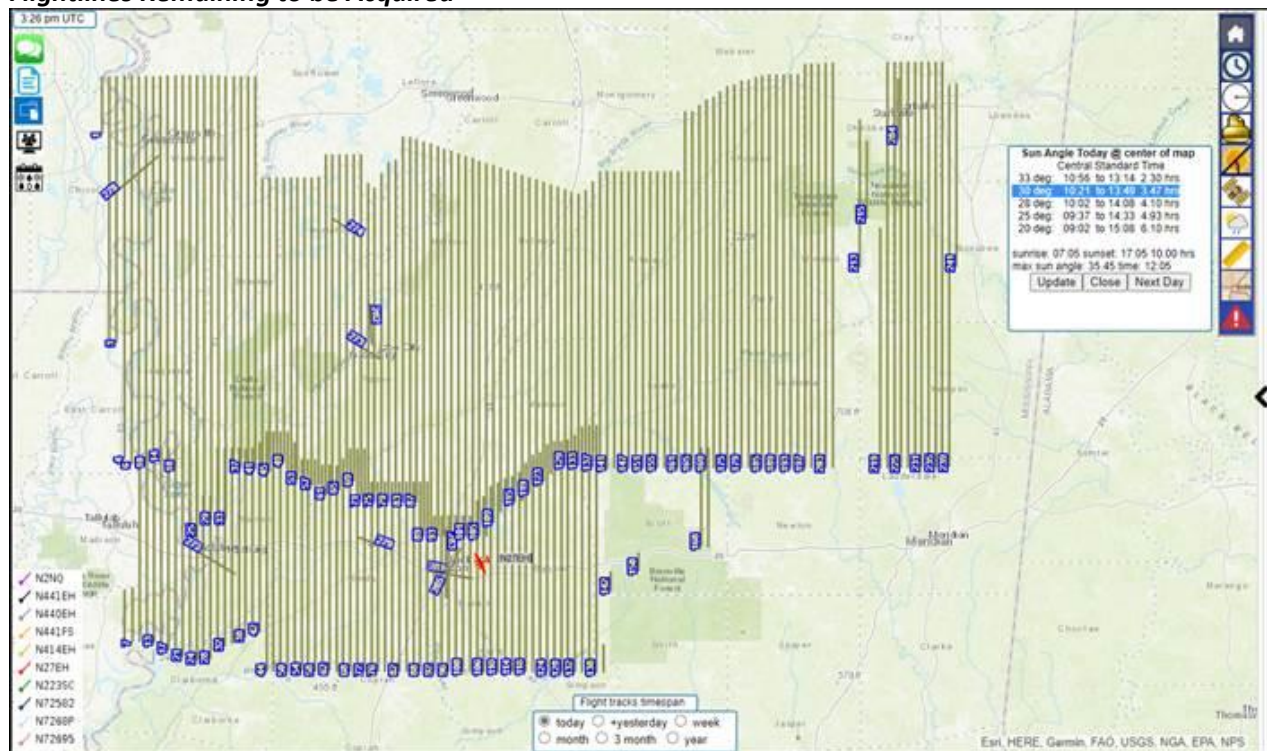
Due to unfavorable conditions, the crew was **not** able to acquire imagery yesterday but is still on site to take advantage of any opportunities.

After the flightlines acquired on *Tuesday, January 10, 2023*, **4,278** (33%) of the **12,792** nautical flightline miles have been acquired to date. As a result, **8,514** nautical flightline miles are remaining to be acquired that will require **~60.5** online hours (*with one aircraft*) to complete the 6-inch resolution, 25 county area of interest (AOI).

Please do not hesitate to contact me at **any time** if you have questions or comments.

Thank you.

Flightlines Remaining to be Acquired



AOI – West

Current conditions at
Greenwood, Greenwood-LeFlore Airport (KGWO)
 Lat: 33.49°N Lon: 90.08°W Elev: 154ft



Fair
70°F
 21°C

Humidity 59%
 Wind Speed SW 16 G 28 mph
 Barometer 29.81 in (1009.1 mb)
 Dewpoint 55°F (13°C)
 Visibility 10.00 mi
 Last update 12 Jan 8:53 am CST

More Information:
[Local Forecast Office](#)
[More Local Wx](#)
[3 Day History](#)
[Mobile Weather](#)
[Hourly Weather Forecast](#)

Extended Forecast for
3 Miles SSE Silver City MS

Today



Becoming Cloudy

High: 67 °F

Tonight



Mostly Cloudy

Low: 36 °F

Friday



Partly Sunny

High: 45 °F

Friday Night



Mostly Clear

Low: 27 °F

Saturday



Sunny

High: 50 °F

Saturday Night



Partly Cloudy

Low: 34 °F

Sunday



Mostly Sunny

High: 61 °F

Sunday Night



Mostly Cloudy

Low: 52 °F

M.L. King Day



Rain Likely

High: 70 °F

AOI - East

Current conditions at
Columbus/West Point/Starkville, Golden Triangle Regional Airport (KGTR)
 Lat: 33.45°N Lon: 88.58°W Elev: 268ft



Overcast
60°F
 16°C

Humidity 93%
 Wind Speed SW 8 mph
 Barometer 29.84 in (1011.0 mb)
 Dewpoint 58°F (14°C)
 Visibility 10.00 mi
 Last update 12 Jan 8:56 am CST

More Information:
[Local Forecast Office](#)
[More Local Wx](#)
[3 Day History](#)
[Mobile Weather](#)
[Hourly Weather Forecast](#)

Extended Forecast for
4 Miles E Louisville MS

Click here for hazard details and duration

NOW until 1:00pm Thu

 70%
Tornado Watch

Today



Showers Likely then Partly Sunny

High: 68 °F

Tonight



Cloudy

Low: 36 °F

Friday



Decreasing Clouds

High: 42 °F

Friday Night



Partly Cloudy

Low: 26 °F

Saturday



Sunny

High: 49 °F

Saturday Night



Partly Cloudy

Low: 30 °F

Sunday



Mostly Sunny

High: 59 °F

Sunday Night



Mostly Cloudy

Low: 44 °F



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www.linkedin.com/company/surdex

From: Cornell Rowan

Sent: Wednesday, January 11, 2023 10:44 AM

To: Stephen Champlin <schamplin@mdeq.ms.gov>; Hays Lambert <hlambert@atlasgeodata.com>; Larry Kirkpatrick <lirkpatrick@atlasgeodata.com>; Zach Adams <zach.adams@waggonereng.com>; Brian Smith <brian.smith@waggonereng.com>

Cc: John Boeding <johnb@surdex.com>

Subject: Aerial Imagery Acquisition - Status Update

Good Morning,

The crew was able to acquire imagery yesterday and is currently on site to acquire imagery. The [Real Time Satellite Image](#) is currently showing clouds moving the entire AOI.

After the flightlines acquired on *Tuesday, January 10, 2023*, **4,278** (33%) of the **12,792** nautical flightline miles have been acquired to date. As a result, **8,514** nautical flightline miles are remaining to be acquired that will require **~60.5** online hours (*with one aircraft*) to complete the 6-inch resolution, 25 county area of interest (AOI).

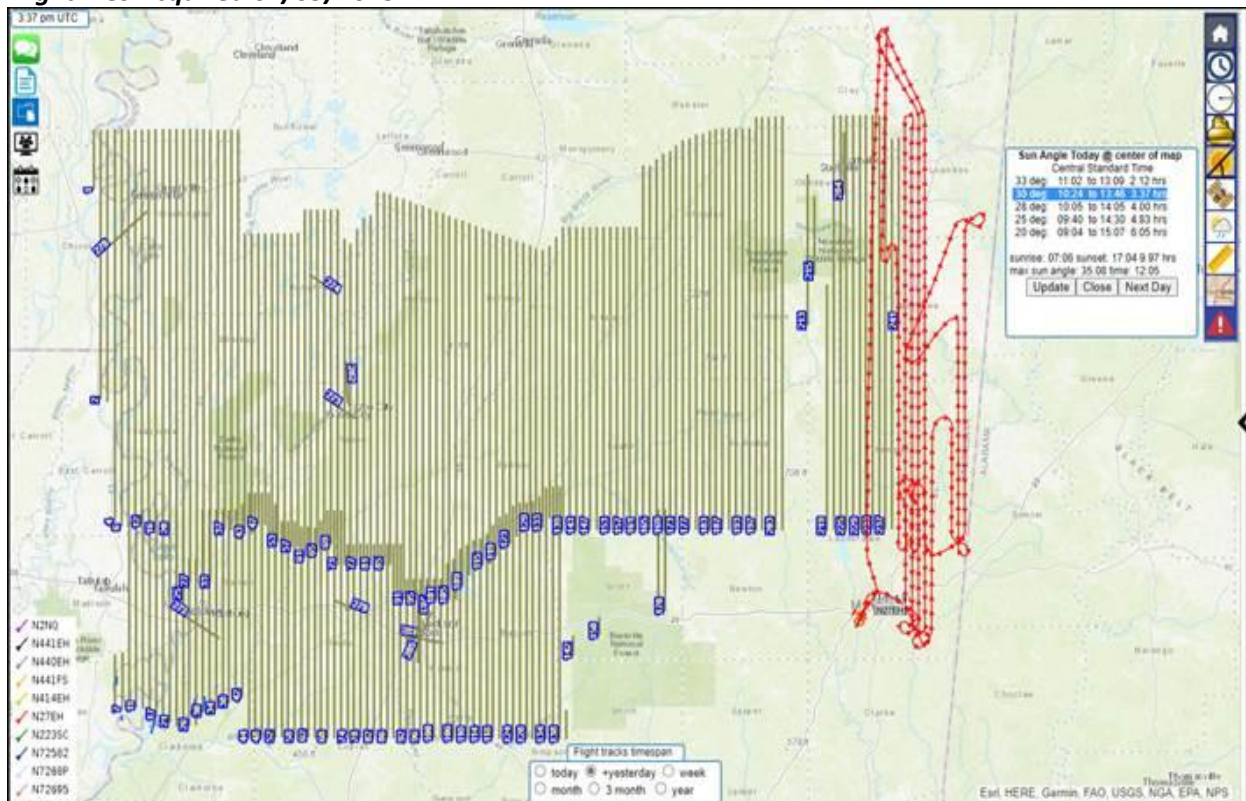
The *Flightlines_Acquired_asof_101023.shp* is attached. The *ms20960_011023.pdf* flight report is also attached and has been placed on the ftp site.

[MS 2022-2023 Flight Reports](#)

Please do not hesitate to contact me at **any time** if you have questions or comments.

Thank you.

Flightlines Acquired 01/09/2023



AOI – West

Current conditions at
Greenwood, Greenwood-LeFlore Airport (KGWO)
 Lat: 33.49°N Lon: 90.00°W Elev: 154ft.



Overcast
68°F
 20°C

Humidity 76%
 Wind Speed SW 14 G 21 mph
 Barometer 29.95 in (1014.3 mb)
 Dewpoint 60°F (16°C)
 Visibility 10.00 mi
 Last update 11 Jan 9:53 am CST

More Information:
[Local Forecast Office](#)
[More Local Wx](#)
[3 Day History](#)
[Mobile Weather](#)
[Hourly Weather Forecast](#)

Extended Forecast for
3 Miles SSE Silver City MS

Today	Tonight	Thursday	Thursday Night	Friday	Friday Night	Saturday	Saturday Night	Sunday
								
Partly Sunny	Partly Cloudy then Chance Showers	Slight Chance T-storms then Mostly Sunny	Partly Cloudy	Sunny	Frost	Frost then Sunny	Frost	Frost then Mostly Sunny
High: 76 °F	Low: 60 °F	High: 65 °F	Low: 35 °F	High: 47 °F	Low: 29 °F	High: 51 °F	Low: 34 °F	High: 61 °F

AOI - East

Current conditions at
Columbus/West Point/Starkville, Golden Triangle Regional Airport (KGTR)
 Lat: 33.45°N Lon: 88.55°W Elev: 206ft.



Overcast
59°F
 15°C

Humidity 96%
 Wind Speed SE 10 mph
 Barometer 29.97 in (1015.6 mb)
 Dewpoint 58°F (14°C)
 Visibility 10.00 mi
 Last update 11 Jan 8:56 am CST

More Information:
[Local Forecast Office](#)
[More Local Wx](#)
[3 Day History](#)
[Mobile Weather](#)
[Hourly Weather Forecast](#)

Extended Forecast for
5 Miles ESE Louisville MS

Today	Tonight	Thursday	Thursday Night	Friday	Friday Night	Saturday	Saturday Night	Sunday
								
Mostly Cloudy	Mostly Cloudy then Chance Showers	Showers Likely then Mostly Sunny	Mostly Cloudy	Mostly Sunny	Frost	Frost then Sunny	Frost	Frost then Mostly Sunny
High: 74 °F	Low: 60 °F	High: 67 °F	Low: 35 °F	High: 47 °F	Low: 27 °F	High: 51 °F	Low: 31 °F	High: 59 °F



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www.linkedin.com/company/surdex

From: Cornell Rowan
Sent: Tuesday, January 10, 2023 10:23 AM
To: Stephen Champlin <schamplin@mdeq.ms.gov>; Hays Lambert <hlambert@atlasgeodata.com>; Larry Kirkpatrick <lirkpatrick@atlasgeodata.com>; Zach Adams <zach.adams@waggonereng.com>; Brian Smith <brian.smith@waggonereng.com>
Cc: John Boeding <johnb@surdex.com>
Subject: Aerial Imagery Acquisition - Status Update

Good Morning,

The crew was able to acquire imagery yesterday and is currently preparing to be online this morning by 10:24am sun angle. The [Real Time Satellite Image](#) is currently showing clouds moving into the AOI from the west.

After the flightlines acquired on *Monday, January 09, 2023*, **3,855** (30%) of the **12,792** nautical flightline miles have been acquired to date. As a result, **8,937** nautical flightline miles are remaining to be acquired that will require **~63.5** online hours (*with one aircraft*) to complete the 6-inch resolution, 25 county area of interest (AOI).

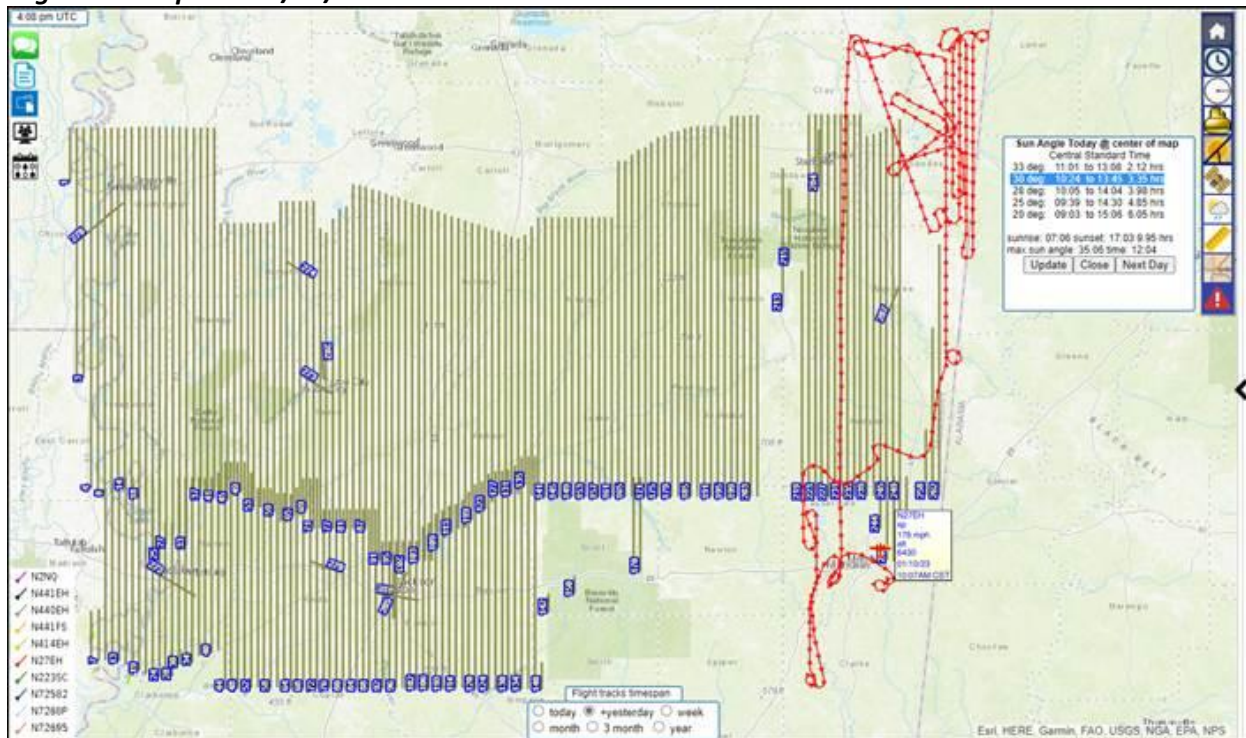
The *Flightlines_Acquired_asof_100923.shp* is attached. The *ms20957_010923.pdf* flight report is also attached and has been placed on the ftp site.

[MS 2022-2023 Flight Reports](#)

Please do not hesitate to contact me at **any time** if you have questions or comments.

Thank you.

Flightlines Acquired 01/09/2023



AOI – West

Current conditions at
Greenville, Mid Delta Regional Airport (KGLH)
 Lat: 33.48°N Lon: 90.99°W Elev: 131ft.








Mostly Cloudy
55°F
 13°C

Humidity 72%
 Wind Speed S 10 mph
 Barometer 30.08 in (1019.5 mb)
 Dewpoint 46°F (8°C)
 Visibility 10.00 mi
 Wind Chill 52°F (11°C)
 Last update 10 Jan 9:53 am CST


More Information:
[Local Forecast Office](#)
[More Local Wx](#)
[3-Day History](#)
[Mobile Weather](#)
[Hourly Weather Forecast](#)

Extended Forecast for
3 Miles NNW Midnight MS

Today	Tonight	Wednesday	Wednesday Night	Thursday	Thursday Night	Friday	Friday Night	Saturday
								
Mostly Cloudy	Cloudy then Patchy Drizzle	Patchy Drizzle then Mostly Cloudy	Partly Cloudy then Showers Likely	Chance Showers then Mostly Sunny	Mostly Clear	Sunny	Mostly Clear	Sunny
High: 63°F	Low: 56°F	High: 71°F	Low: 59°F	High: 65°F	Low: 37°F	High: 48°F	Low: 31°F	High: 51°F

AOI – East

Current conditions at
Columbus/West Point/Starkville, Golden Triangle Regional Airport (KGTR)
 Lat: 33.45°N Lon: 88.58°W Elev: 268ft.











Fair
52°F
 11°C

Humidity 72%
 Wind Speed S 8 mph
 Barometer 30.15 in (1022.0 mb)
 Dewpoint 43°F (6°C)
 Visibility 10.00 mi
 Wind Chill 49°F (9°C)
 Last update 10 Jan 9:56 am CST

More Information:
[Local Forecast Office](#)
[More Local Wx](#)
[3-Day History](#)
[Mobile Weather](#)
[Hourly Weather Forecast](#)

Extended Forecast for
5 Miles ESE Louisville MS

Today	Tonight	Wednesday	Wednesday Night	Thursday	Thursday Night	Friday	Friday Night	Saturday
								
Increasing Clouds	Mostly Cloudy then Patchy Drizzle	Patchy Drizzle then Mostly Cloudy	Mostly Cloudy then Chance Showers	Showers Likely then Slight Chance T-storms	Partly Cloudy	Mostly Sunny	Mostly Clear	Sunny
High: 65°F	Low: 50°F	High: 71°F	Low: 58°F	High: 68°F	Low: 35°F	High: 48°F	Low: 29°F	High: 52°F



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www.linkedin.com/company/surdex

From: Cornell Rowan

Sent: Monday, January 9, 2023 2:55 PM

To: Stephen Champlin <schamplin@mdeq.ms.gov>; Hays Lambert <hlambert@atlasgeodata.com>; Larry Kirkpatrick <lirkpatrick@atlasgeodata.com>; Zach Adams <zach.adams@waggonereng.com>; Brian Smith <brian.smith@waggonereng.com>

Cc: John Boeding <johnb@surdex.com>

Subject: MS 2022-2023 Early Access Image Service - Update

Good Afternoon,

The MS 2022-2023 Early Access Image Service has been updated to include imagery acquired on 01/01/2023, 01/04/2023, and 01/05/2023. The User Name and Password shown below can be used for both links.

User Name: **MS25co**

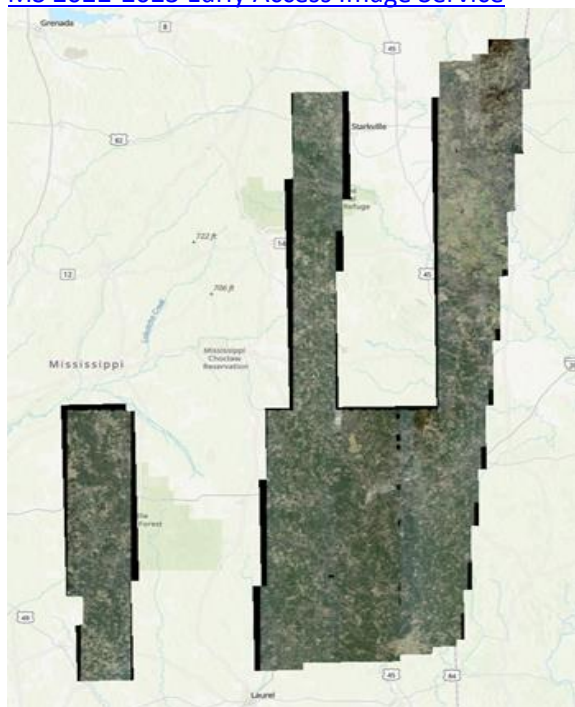
Password: **MS2022**

The ***Flightlines_Acquired_asof_010723.shp*** is also attached for your use.

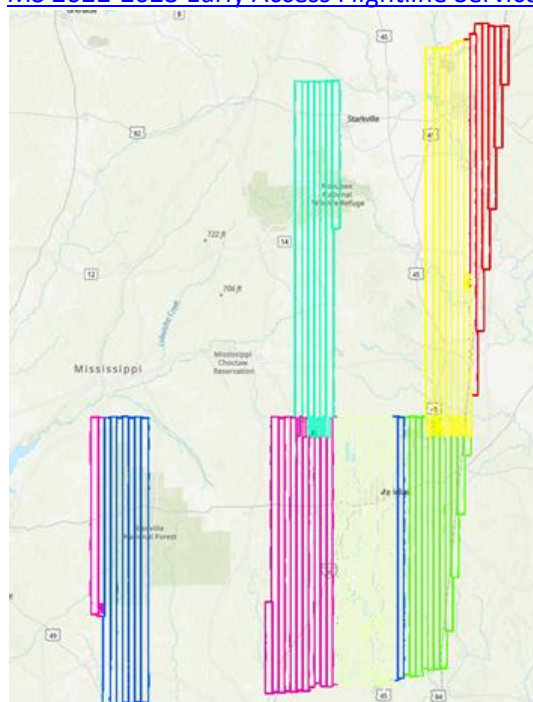
Please do not hesitate to contact me if you have any questions or comments.

Thank you,

[MS 2022-2023 Early Access Image Service](#)



[MS 2022-2023 Early Access Flightline Service](#)





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HELP US PREVENT PAYMENT FRAUD – Surdex will adhere to the original payment processing method in our contract. Surdex will not contact you to change payment processing methods. Surdex requests all questions or concerns be directed to Surdex Corporation, Accounting.

From: Cornell Rowan

Sent: Monday, January 9, 2023 8:52 AM

To: Stephen Champlin <schamplin@mdeq.ms.gov>; Hays Lambert <hlambert@atlasgeodata.com>; Larry Kirkpatrick <lirkpatrick@atlasgeodata.com>; Zach Adams <zach.adams@waggonereng.com>; Brian Smith <brian.smith@waggonereng.com>

Cc: John Boeding <johnb@surdex.com>

Subject: Aerial Imagery Acquisition - Status Update

Good Morning,

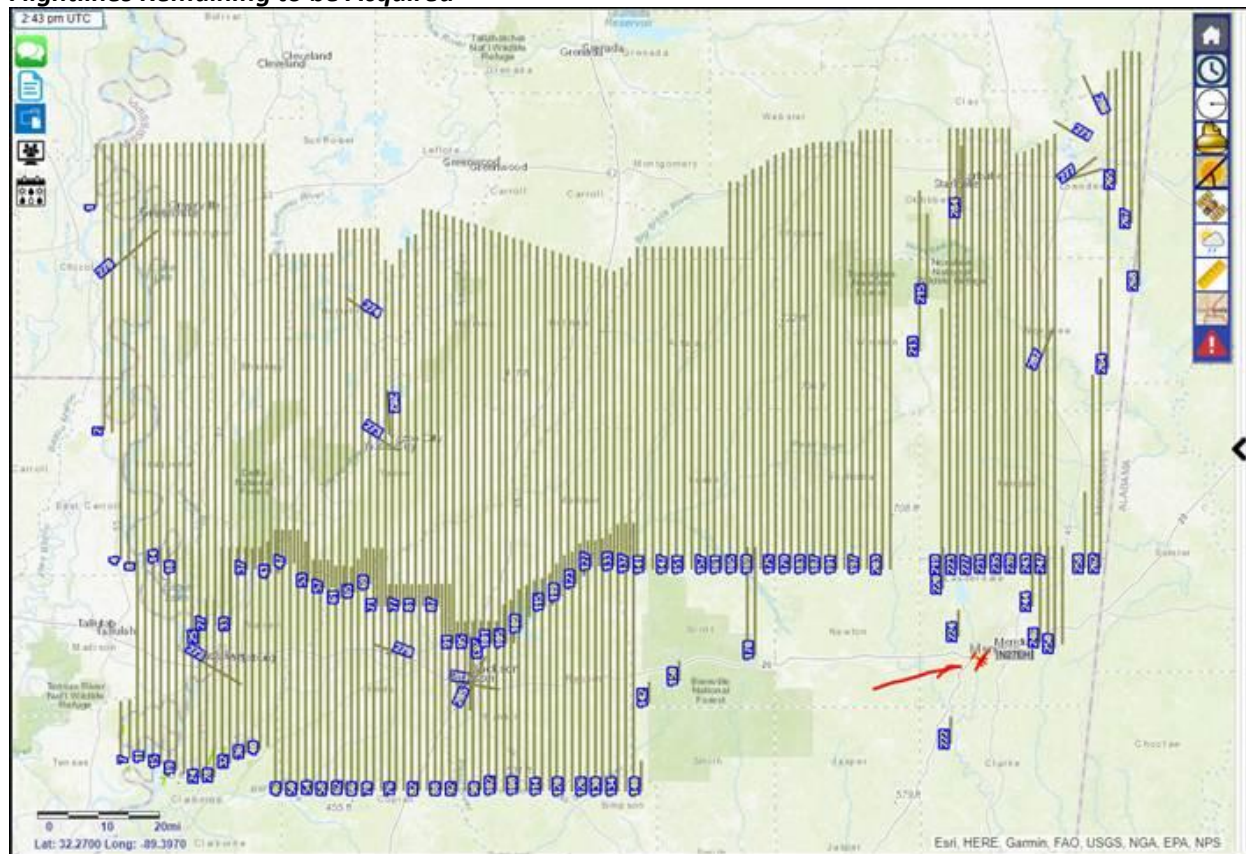
Due to unfavorable weather, there were no missions flown yesterday but the crew is still on site to take advantage of any opportunity to acquire imagery. The [Real Time Satellite Image](#) is currently showing clouds moving into the AOI from the west.

After the flightlines acquired on *Saturday, January 07, 2023*, **3,678 (29%)** of the **12,792** nautical flightline miles have been acquired to date. As a result, **9,114** nautical flightline miles are remaining to be acquired that will require **~65.5** online hours (*with one aircraft*) to complete the 6-inch resolution, 25 county area of interest (AOI).

Please do not hesitate to contact me at **any time** if you have questions or comments.

Thank you.

Flightlines Remaining to be Acquired



AOI - West

Current conditions at
Greenwood, Greenwood-LeFlore Airport (KGWO)
 Lat: 33.49°N Lon: 90.00°W Elev: 154ft



Fog/Mist
36°F
 2°C

Humidity 93%
 Wind Speed NE 3 mph
 Barometer 30.30 in (1026.3 mb)
 Dewpoint 34°F (1°C)
 Visibility 3.00 mi
 Last update 9 Jan 7:53 am CST

More Information:
[Local Forecast Office](#)
[More Local Wx](#)
[3 Day History](#)
[Mobile Weather](#)
[Hourly Weather Forecast](#)

Extended Forecast for
5 Miles E Silver City MS

[Click here for hazard details and duration](#)

Today	Tonight	Tuesday	Tuesday Night	Wednesday	Wednesday Night	Thursday	Thursday Night
High: 57°F	Low: 39°F	High: 64°F	Low: 52°F	High: 72°F	Low: 59°F	High: 66°F	Low: 37°F

AOI - East

Current conditions at
Columbus/West Point/Starkville, Golden Triangle Regional Airport (KGTR)
 Lat: 33.45°N Lon: 88.50°W Elev: 266ft



Fair
37°F
 3°C

Humidity 100%
 Wind Speed N 7 mph
 Barometer 30.31 in (1027.3 mb)
 Dewpoint 37°F (3°C)
 Visibility 6.00 mi
 Wind Chill 32°F (0°C)
 Last update 9 Jan 7:56 am CST

More Information:
[Local Forecast Office](#)
[More Local Wx](#)
[3 Day History](#)
[Mobile Weather](#)
[Hourly Weather Forecast](#)

Extended Forecast for
3 Miles SSW Louisville MS

Today	Tonight	Tuesday	Tuesday Night	Wednesday	Wednesday Night	Thursday	Thursday Night	Friday
High: 56°F	Low: 35°F	High: 64°F	Low: 48°F	High: 70°F	Low: 57°F	High: 67°F	Low: 35°F	High: 48°F



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From: Cornell Rowan

Sent: Sunday, January 8, 2023 10:27 AM

To: Stephen Champlin <schamplin@mdeq.ms.gov>; Hays Lambert <hlambert@atlasgeodata.com>; Larry Kirkpatrick <lirkpatrick@atlasgeodata.com>; Zach Adams <zach.adams@waggonereng.com>; Brian Smith <brian.smith@waggonereng.com>

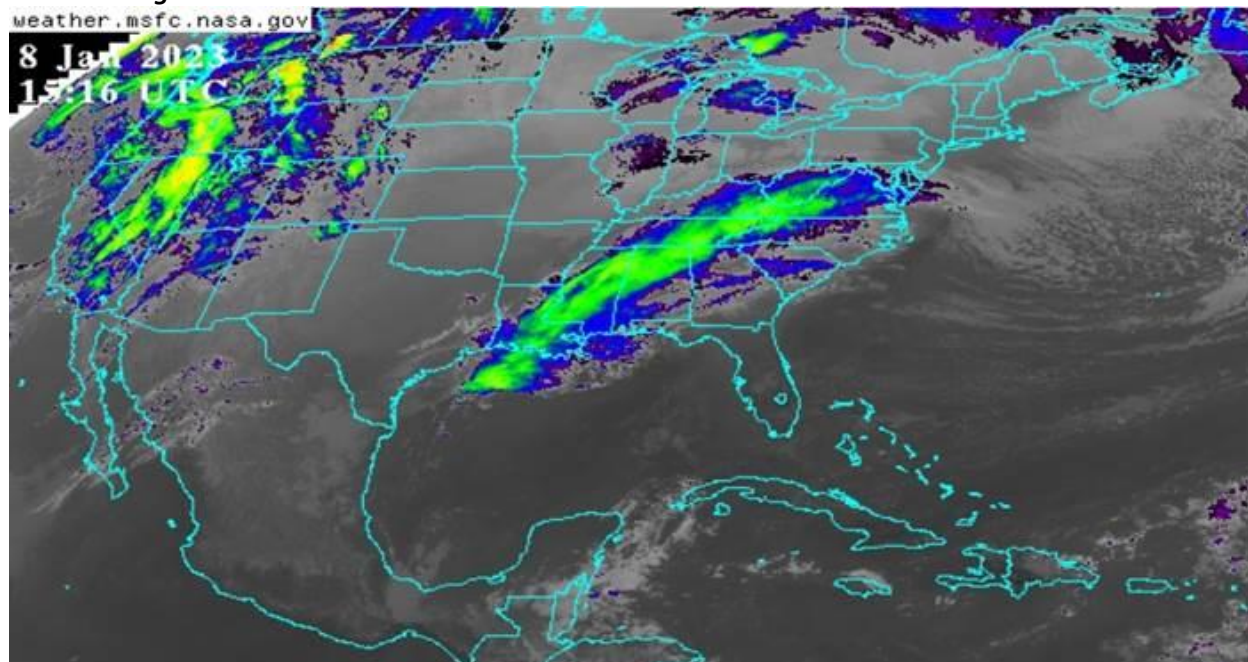
Cc: John Boeding <johnb@surdex.com>

Subject: Aerial Imagery Acquisition - Status Update

Good Morning,

The crew was able to acquire imagery yesterday. Referencing the 5-day weather forecast shown below and the [Real Time Satellite Image](#), the conditions are currently looking unfavorable.

Current Image



After the flightlines acquired yesterday (*Saturday, January 07, 2023*), **3,678 (29%)** of the **12,792** nautical flightline miles have been acquired to date. As a result, **9,114** nautical flightline miles are remaining to be acquired that will require **~65.5** online hours (*with one aircraft*) to complete the 6-inch resolution, 25 county area of interest (AOI).

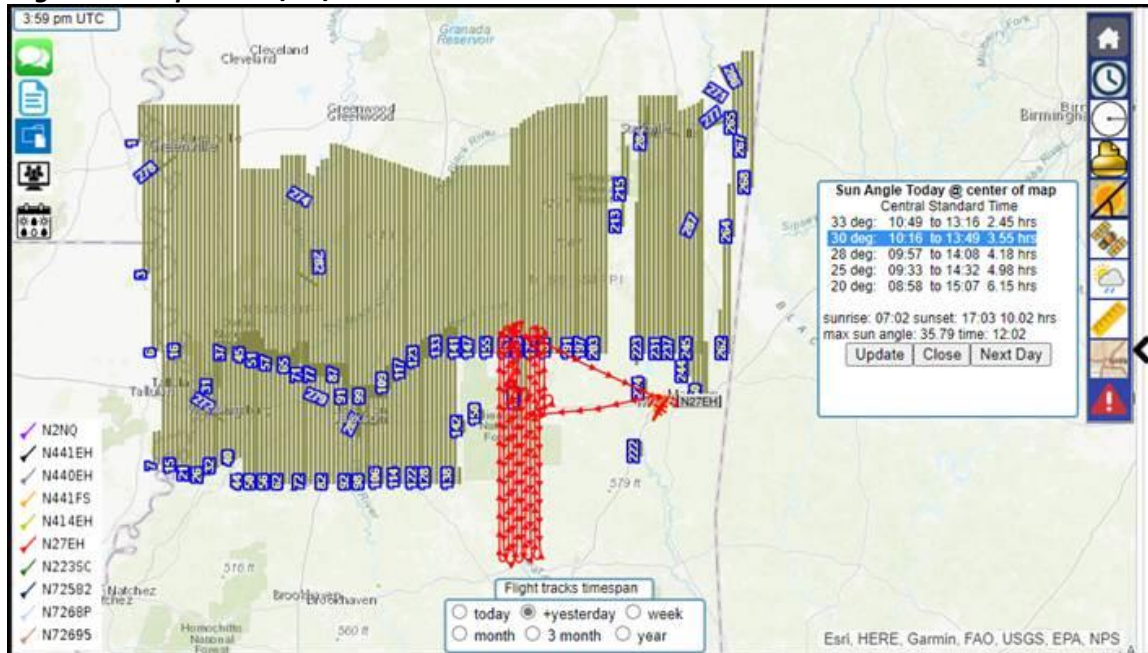
The *Flightlines_Acquired_asof_100723.shp* is attached. The *ms20952_010723.pdf* flight report is also attached and has been placed on the ftp site.

[MS 2022-2023 Flight Reports](#)

Please do not hesitate to contact me at **any time** if you have questions or comments.

Thank you.

Flightlines Acquired 01/07/2023



AOI – West

Current conditions at
Greenwood, Greenwood-LeFlore Airport (KGWO)
 Lat: 33.49°N Lon: 90.00°W Elev: 154ft

Fog/Mist
53°F
 12°C

Humidity 93%
 Wind Speed N 6 mph
 Barometer 30.22 in (1023.2 mb)
 Dewpoint 51°F (11°C)
 Visibility 1.75 mi
 Wind Chill 51°F (11°C)
 Last update 8 Jan 9:53 am CST

More Information:
[Local Forecast Office](#)
[More Local Wx](#)
[3 Day History](#)
[Mobile Weather](#)
[Hourly Weather Forecast](#)

Extended Forecast for
6 Miles ENE Silver City MS

Today	Tonight	Monday	Monday Night	Tuesday	Tuesday Night	Wednesday	Wednesday Night	Thursday
High: 60°F	Low: 37°F	High: 56°F	Low: 41°F	High: 64°F	Low: 51°F	High: 70°F	Low: 60°F	High: 70°F

AOI – East

Current conditions at
Columbus/West Point/Starkville, Golden Triangle Regional Airport (KGTR)
 Lat: 33.45°N Lon: 88.58°W Elev: 266ft

Overcast
59°F
 15°C

Humidity 100%
 Wind Speed S 7 mph
 Barometer 30.20 in (1023.5 mb)
 Dewpoint 59°F (15°C)
 Visibility 10.00 mi
 Last update 8 Jan 9:56 am CST

More Information:
[Local Forecast Office](#)
[More Local Wx](#)
[3 Day History](#)
[Mobile Weather](#)
[Hourly Weather Forecast](#)

Extended Forecast for
3 Miles SSW Louisville MS

Today	Tonight	Monday	Monday Night	Tuesday	Tuesday Night	Wednesday	Wednesday Night	Thursday
High: 62°F	Low: 36°F	High: 56°F	Low: 37°F	High: 63°F	Low: 47°F	High: 68°F	Low: 57°F	High: 70°F



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HELP US PREVENT PAYMENT FRAUD – Surdex will adhere to the original payment processing method in our contract. Surdex will not contact you to change payment processing methods. Surdex requests all questions or concerns be directed to Surdex Corporation, Accounting.

From: Cornell Rowan

Sent: Saturday, January 7, 2023 11:18 AM

To: Stephen Champlin <schamplin@mdeq.ms.gov>; Hays Lambert <hlambert@atlasgeodata.com>; Larry Kirkpatrick <lirkpatrick@atlasgeodata.com>; Zach Adams <zach.adams@waggonereng.com>; Brian Smith <brian.smith@waggonereng.com>

Cc: John Boeding <johnb@surdex.com>

Subject: Aerial Imagery Acquisition - Status Update

Good Morning,

The crew was able to acquire imagery yesterday and is currently online (*shown in the flight tracker image below*). According to the weather forecast, clouds are predicted to move in sometime this afternoon. You can click this link [Real Time Satellite Image](#) to see the clouds moving into the AOI.

After the flightlines acquired yesterday (*Friday, January 06, 2023*), **3,196 (25%)** of the **12,792** nautical flightline miles have been acquired to date. As a result, **9,596** nautical flightline miles are remaining to be acquired that will require ~70 online hours (*with one aircraft*) to complete the 6-inch resolution, 25 county area of interest (AOI).

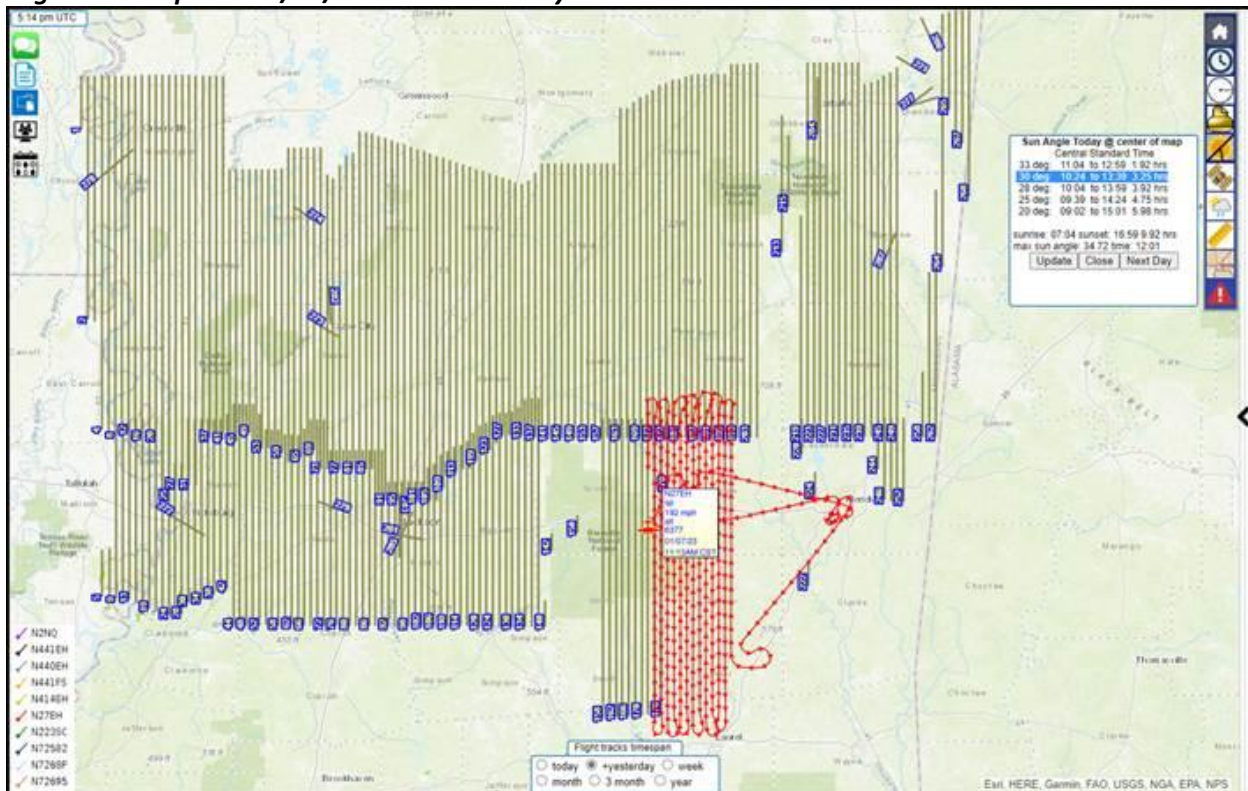
The ***Flightlines_Acquired_asof_100623.shp*** is attached. The ***ms20948_010623.pdf*** flight report is also attached and has been placed on the ftp site.

[MS 2022-2023 Flight Reports](#)

Please do not hesitate to contact me at **any time** if you have questions or comments.


Thank you.

Flightlines Acquired 01/06/2023 and Currently



AOI – West

Current conditions at
Greenwood, Greenwood-LeFlore Airport (KGWO)
 Lat: 33.49°N Lon: 90.05°W Elev: 154ft












Overcast
63°F
 17°C

Humidity 73%
 Wind Speed S 10 mph
 Barometer 30.20 in (1022.7 mb)
 Dewpoint 54°F (12°C)
 Visibility 10.00 mi
 Last update 7 Jan 10:53 am CST


More Information:
[Local Forecast Office](#)
[More Local Wx](#)
[3 Day History](#)
[Mobile Weather](#)
[Hourly Weather Forecast](#)

Extended Forecast for
3 Miles WNW Belzoni MS

Today	Tonight	Sunday	Sunday Night	Monday	Monday Night	Tuesday	Tuesday Night	Wednesday
								
30%	80%	40%						
Chance Showers	Showers	Chance T-storms then Partly Sunny	Mostly Clear	Mostly Sunny	Mostly Cloudy	Mostly Sunny	Partly Cloudy	Partly Sunny
High: 68 °F	Low: 52 °F	High: 59 °F	Low: 39 °F	High: 59 °F	Low: 44 °F	High: 63 °F	Low: 46 °F	High: 65 °F

AOI – East

Current conditions at
Columbus/West Point/Starkville, Golden Triangle Regional Airport (KGTR)
 Lat: 33.45°N Lon: 88.58°W Elev: 268ft



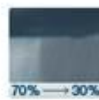








A Few Clouds
66°F
 19°C

Humidity 59%
 Wind Speed SW 15 mph
 Barometer 30.25 in (1025.0 mb)
 Dewpoint 51°F (11°C)
 Visibility 10.00 mi
 Last update 7 Jan 10:56 am CST

More Information:
[Local Forecast Office](#)
[More Local Wx](#)
[3 Day History](#)
[Mobile Weather](#)
[Hourly Weather Forecast](#)

Extended Forecast for
5 Miles SSE Louisville MS

Today	Tonight	Sunday	Sunday Night	Monday	Monday Night	Tuesday	Tuesday Night	Wednesday
								
	40% → 80%	70% → 30%				20%		
Increasing Clouds	Chance Showers then Showers	Showers Likely then Chance Showers	Partly Cloudy	Mostly Sunny	Mostly Cloudy	Slight Chance Showers then Mostly Sunny	Partly Cloudy	Partly Sunny
High: 69 °F	Low: 51 °F	High: 61 °F	Low: 38 °F	High: 58 °F	Low: 39 °F	High: 62 °F	Low: 42 °F	High: 65 °F



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www.linkedin.com/company/surdex

From: Cornell Rowan
Sent: Friday, January 6, 2023 10:36 AM
To: Stephen Champlin <schamplin@mdeq.ms.gov>; Hays Lambert <hlambert@atlasgeodata.com>; Larry Kirkpatrick <lirkpatrick@atlasgeodata.com>; Zach Adams <zach.adams@waggonereng.com>; Brian Smith <brian.smith@waggonereng.com>
Cc: John Boeding <johnb@surdex.com>
Subject: Aerial Imagery Acquisition - Status Update

Good Morning,

The crew was able to acquire imagery yesterday and is currently online (*shown in the flight tracker image below*). As for the second aircraft that was prepared to head to the AOI earlier this week, a sensor (*ADS100*) voltage issue was discovered and it had to be shipped back to the manufacturer (*Leica*) to be resolved. Hopefully, it will be back and in the aircraft sometime next week.

After the flightlines acquired yesterday (*Thursday, January 05, 2023*), **2,689** (21%) of the **12,792** nautical flightline miles have been acquired to date. As a result, **10,103** nautical flightline miles are remaining to be acquired that will require ~72.5 online hours (*with one aircraft*) to complete the 6-inch resolution, 25 county area of interest (AOI).

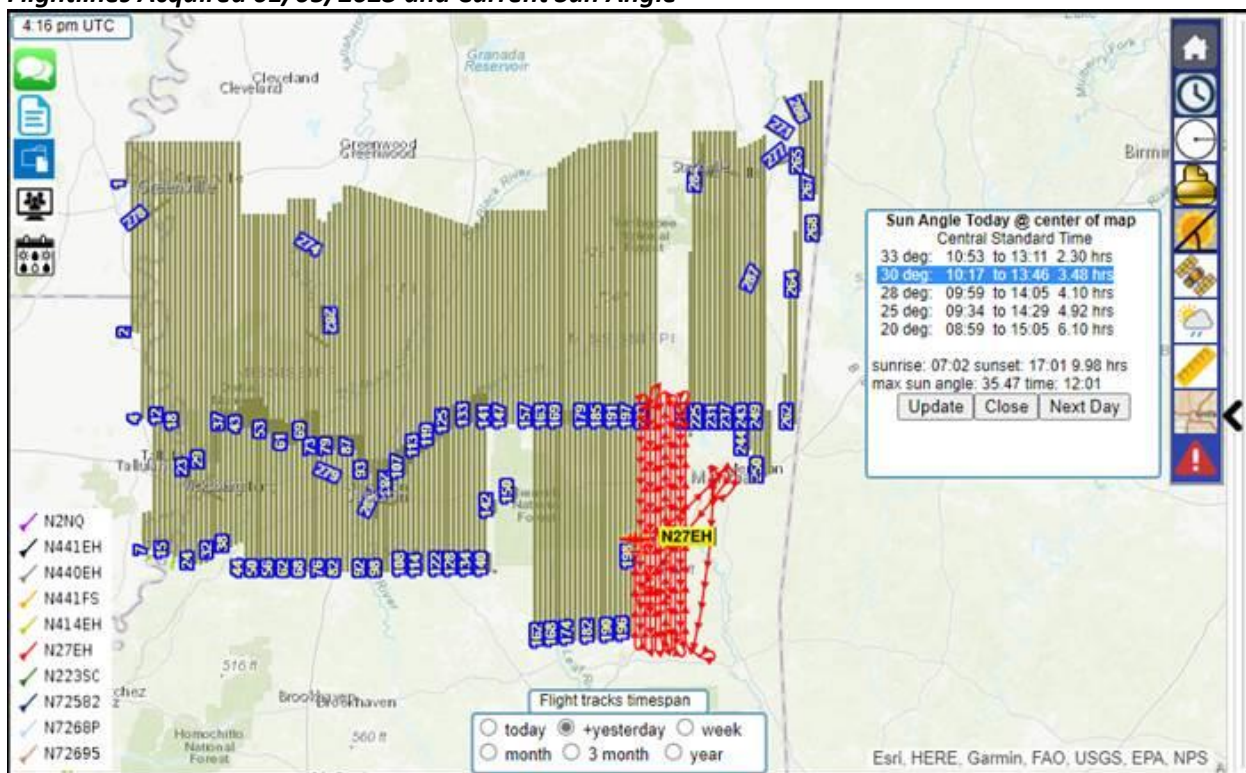
The *Flightlines_Acquired_asof_100523.shp* is attached. The *ms20944_010523.pdf* flight report is also attached and has been placed on the ftp site.

[MS 2022-2023 Flight Reports](#)

Please do not hesitate to contact me at **any time** if you have questions or comments.


Thank you.

Flightlines Acquired 01/05/2023 and Current Sun Angle



AOI - West

Current conditions at
Greenwood, Greenwood-LeFlore Airport (KGWO)
 Lat: 33.49°N Lon: 90.00°W Elev: 154ft.












Fair
49°F
 9°C

Humidity 64%
 Wind Speed Calm
 Barometer 30.34 in (1027.4 mb)
 Dewpoint 37°F (3°C)
 Visibility 10.00 mi
 Last update 6 Jan 9:53 am CST


More Information:
[Local Forecast Office](#)
[More Local Wx](#)
[3 Day History](#)
[Mobile Weather](#)
[Hourly Weather Forecast](#)

Extended Forecast for
2 Miles WSW Silver City MS

Today	Tonight	Saturday	Saturday Night	Sunday	Sunday Night	Monday	Monday Night	Tuesday
								
Sunny	Mostly Clear	Sunny then Chance Showers	Showers Likely	Slight Chance T-storms then Mostly Sunny	Mostly Clear	Mostly Sunny	Partly Cloudy then Slight Chance Showers	Mostly Sunny
High: 61 °F	Low: 44 °F	High: 68 °F	Low: 50 °F	High: 58 °F	Low: 39 °F	High: 58 °F	Low: 43 °F	High: 60 °F

AOI - East

Current conditions at
Columbus/West Point/Starkville, Golden Triangle Regional Airport (KGTR)
 Lat: 33.45°N Lon: 88.58°W Elev: 298ft.












Fair
49°F
 9°C

Humidity 55%
 Wind Speed Calm
 Barometer 30.35 in (1028.8 mb)
 Dewpoint 33°F (1°C)
 Visibility 10.00 mi
 Last update 6 Jan 9:56 am CST

More Information:
[Local Forecast Office](#)
[More Local Wx](#)
[3 Day History](#)
[Mobile Weather](#)
[Hourly Weather Forecast](#)

Extended Forecast for
5 Miles NE Noxapater MS

Today	Tonight	Saturday	Saturday Night	Sunday	Sunday Night	Monday	Monday Night	Tuesday
								
Sunny	Mostly Clear	Sunny then Slight Chance Showers	Showers Likely	Chance Showers then Partly Sunny	Partly Cloudy	Mostly Sunny	Mostly Cloudy	Mostly Sunny
High: 59 °F	Low: 41 °F	High: 68 °F	Low: 52 °F	High: 60 °F	Low: 38 °F	High: 58 °F	Low: 40 °F	High: 60 °F



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www.linkedin.com/company/surdex

From: Cornell Rowan

Sent: Thursday, January 5, 2023 10:27 AM

To: Stephen Champlin <schamplin@mdeq.ms.gov>; Hays Lambert <hlambert@atlasgeodata.com>; Larry Kirkpatrick <lirkpatrick@atlasgeodata.com>; Zach Adams <zach.adams@waggonereng.com>; Brian Smith <brian.smith@waggonereng.com>

Cc: John Boeding <johnb@surdex.com>

Subject: MS 2022-2023 Early Access Image Service

Good Morning,

The MS 2022-2023 Early Access Image Service has been updated to include imagery acquired on 12/27/2022 and 12/28/2022. The User Name and Password shown below can be used for both links.

User Name: **MS25co**

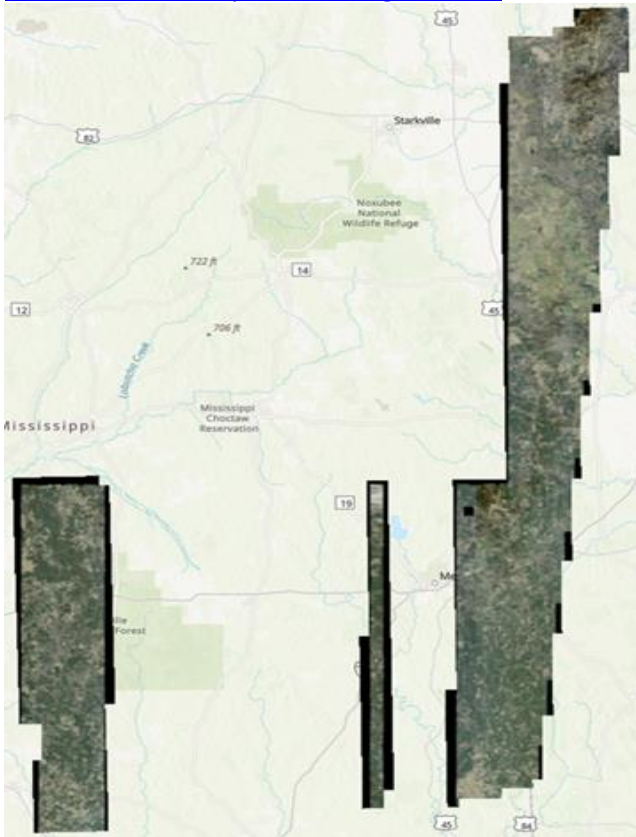
Password: **MS2022**

The ***Flightlines_Acquired_asof_010423.shp*** is also attached for your use.

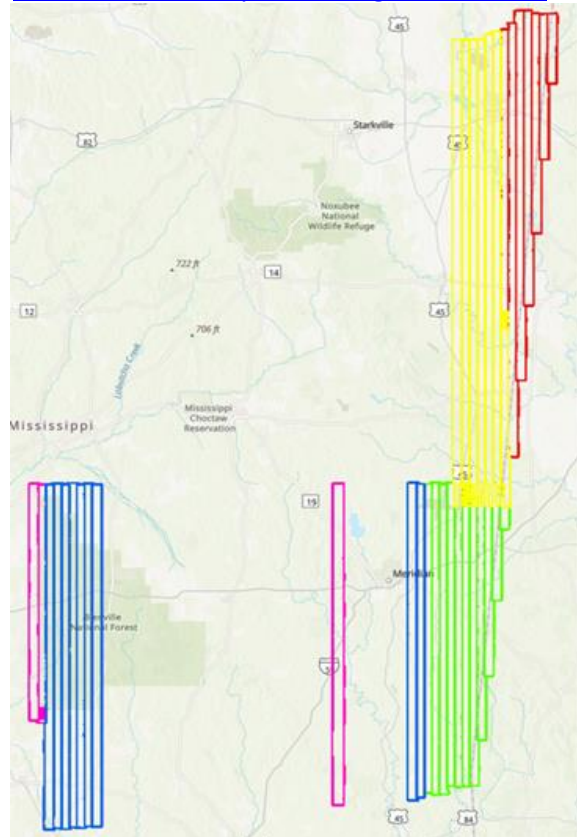
Please do not hesitate to contact me if you have any questions or comments.

Thank you,

[MS 2022-2023 Early Access Image Service](#)



[MS 2022-2023 Early Access Flightline Service](#)





Cornell Rowan CP
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HELP US PREVENT PAYMENT FRAUD – Surdex will adhere to the original payment processing method in our contract. Surdex will not contact you to change payment processing methods. Surdex requests all questions or concerns be directed to Surdex Corporation, Accounting.

From: Cornell Rowan

Sent: Thursday, January 5, 2023 9:41 AM

To: Stephen Champlin <schamplin@mdeq.ms.gov>; Hays Lambert <hlambert@atlasgeodata.com>; Larry Kirkpatrick <lirkpatrick@atlasgeodata.com>; Zach Adams <zach.adams@waggonereng.com>; Brian Smith <brian.smith@waggonereng.com>

Cc: John Boeding <johnb@surdex.com>

Subject: Aerial Imagery Acquisition - Status Update

Good Morning,

Due to weather, the crew was able to acquire imagery yesterday for the first time since 01/01/2023.

After the flightlines acquired yesterday (*Wednesday, January 04, 2023*), **2,470 (19%)** of the **12,792** nautical flightline miles have been acquired to date. As a result, **10,322** nautical flightline miles are remaining to be acquired that will require ~73.5 online hours (*with one aircraft*) to complete the 6-inch resolution, 25 county area of interest (AOI).

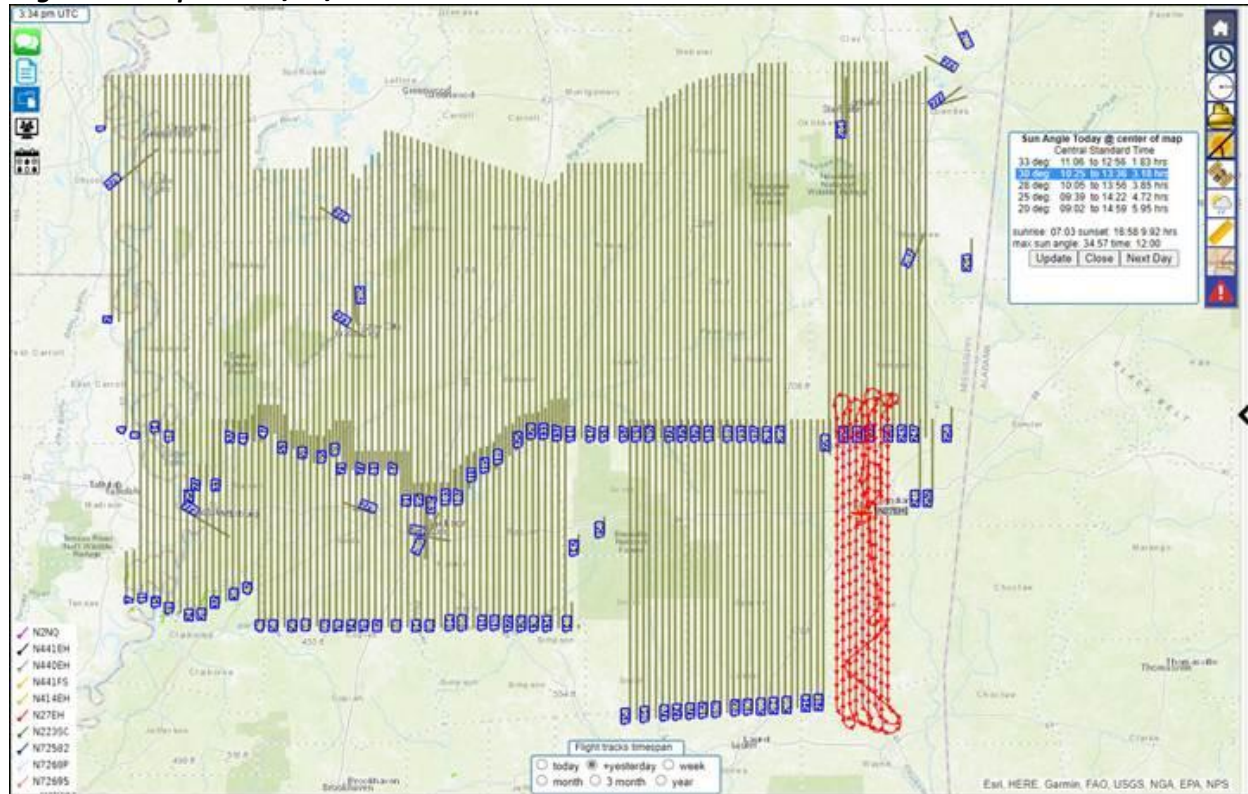
The 01/04/2023 flight report is attached and has been placed on the ftp site.

[MS 2022-2023 Flight Reports \[ftp.surdex.com\]](ftp.surdex.com)

Please do not hesitate to contact me at **any time** if you have questions or comments.


Thank you.

Flightlines Acquired 01/04/2023



AOI – West

Current conditions at
Greenwood, Greenwood-LeFlore Airport (KGWO)
 Lat: 33.49°N Lon: 90.05°W Elev: 154ft



Fair
50°F
 10°C

Humidity 71%
 Wind Speed Vrbt 5 mph
 Barometer 30.21 in (1023.1 mb)
 Dewpoint 41°F (5°C)
 Visibility 10.00 mi
 Wind Chill 43°F (9°C)
 Last update 5 Jan 8:53 am CST

More information:
[Local Forecast Office](#)
[More Local Wx](#)
[3 Day History](#)
[Mobile Weather](#)
[Hourly Weather Forecast](#)

Extended Forecast for
5 Miles SE Midnight MS

Today	Tonight	Friday	Friday Night	Saturday	Saturday Night	Sunday	Sunday Night	Monday
								
Sunny	Clear	Patchy Fog then Sunny	Mostly Clear	Slight Chance Showers	Showers Likely	Chance Showers then Partly Sunny	Partly Cloudy	Mostly Sunny
High: 59 °F	Low: 36 °F	High: 62 °F	Low: 43 °F	High: 68 °F	Low: 50 °F	High: 60 °F	Low: 41 °F	High: 62 °F

AOI - East

Current conditions at
Columbus/West Point/Starkville, Golden Triangle Regional Airport (KGTR)
 Lat: 33.45°N Lon: 88.58°W Elev: 266ft



Fair
47°F
 8°C

Humidity 83%
 Wind Speed SW 5 mph
 Barometer 30.22 in (1024.0 mb)
 Dewpoint 42°F (6°C)
 Visibility 10.00 mi
 Wind Chill 45°F (7°C)
 Last update 5 Jan 8:56 am CST

More information:
[Local Forecast Office](#)
[More Local Wx](#)
[3 Day History](#)
[Mobile Weather](#)
[Hourly Weather Forecast](#)

Extended Forecast for
5 Miles NE Noxapater MS

Today	Tonight	Friday	Friday Night	Saturday	Saturday Night	Sunday	Sunday Night	Monday
								
Sunny	Clear	Sunny	Clear	Sunny	Chance Showers	Chance Showers	Partly Cloudy	Mostly Sunny
High: 60 °F	Low: 35 °F	High: 60 °F	Low: 40 °F	High: 66 °F	Low: 50 °F	High: 60 °F	Low: 40 °F	High: 60 °F



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www.linkedin.com/company/surdex

From: Cornell Rowan

Sent: Wednesday, January 4, 2023 11:35 AM

To: Stephen Champlin <schamplin@mdeq.ms.gov>; Hays Lambert <hlambert@atlasgeodata.com>; Larry Kirkpatrick <lirkpatrick@atlasgeodata.com>; Zach Adams <zach.adams@waggonereng.com>; Brian Smith <brian.smith@waggonereng.com>

Cc: John Boeding <johnb@surdex.com>

Subject: Aerial Imagery Acquisition - Status Update

Good Morning,

Due to weather, there were no flightlines acquired yesterday, Tuesday, January 03, 2023.

According to the flight tracker image shown below, one (1) aircraft is currently online. The second aircraft has been held up by unfavorable conditions in the St. Louis area but will head to the AOI as soon as possible.

As mentioned in the meeting this morning, the link below is a satellite image of real time cloud cover.

[Real Time Satellite Image](#)

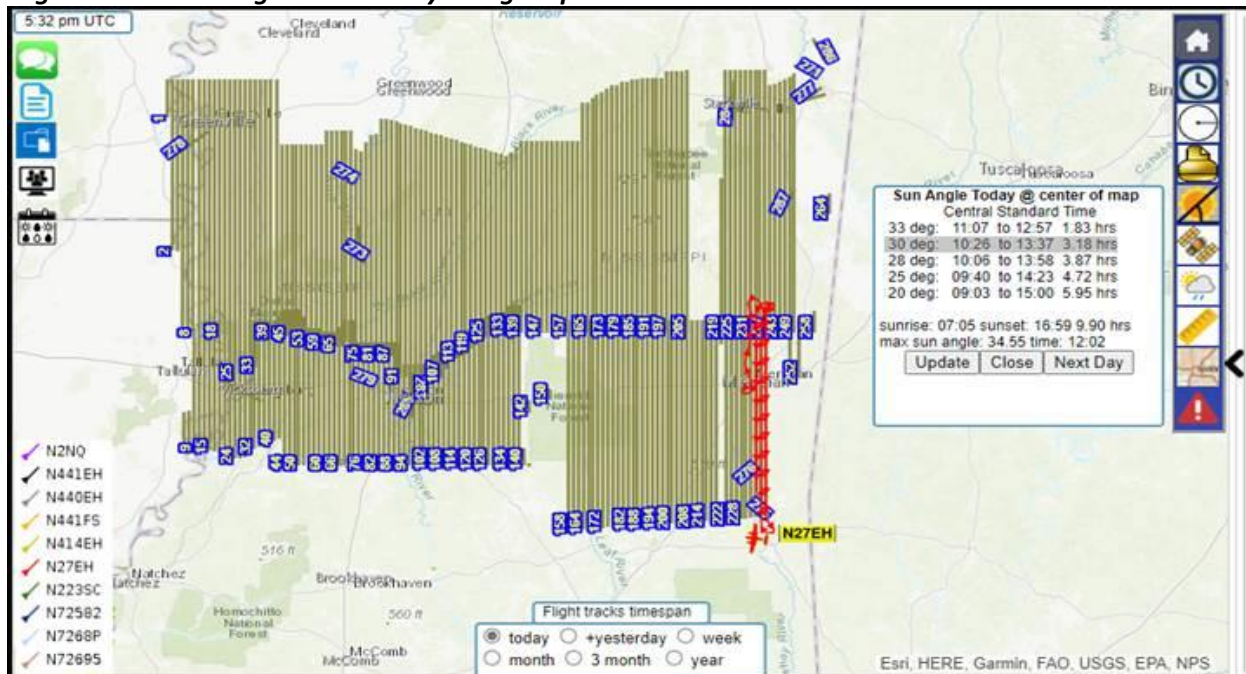
I spoke with the MS Registered Land Surveyor and he has approximately 30% of the AOI surveyed.

After the flightlines acquired (*Sunday, January 01, 2023*), we still have **2,087 (16%)** of the **12,792** nautical flightline miles acquired to date. As a result, **10,705** nautical flightline miles are remaining to be acquired that will require ~75.5 online hours (*with one aircraft*) to complete the 6-inch resolution, 25 county area of interest (AOI).

Please do not hesitate to contact me at **any time** if you have questions or comments.


Thank you.

Flightlines Remaining and Currently being Acquired



AOI – West

Current conditions at
Greenwood, GreenWood-LeFlore Airport (KGWO)
 Lat: 33.49°N Lon: 90.00°W Elev: 154ft












Fair
58°F
 14°C

Humidity 62%
 Wind Speed W 8 mph
 Barometer 29.98 in (1015.0 mb)
 Dewpoint 45°F (7°C)
 Visibility 10.00 mi
 Last update 4 Jan 8:53 am CST


More Information:
[Local Forecast Office](#)
[More Local Wx](#)
[3 Day History](#)
[Mobile Weather](#)
[Hourly Weather Forecast](#)

Extended Forecast for
6 Miles W Eden MS

Today	Tonight	Thursday	Thursday Night	Friday	Friday Night	Saturday	Saturday Night	Sunday
								
Mostly Sunny	Partly Cloudy	Sunny	Clear	Sunny	Mostly Clear	Chance Showers	Chance Showers	Chance Showers
High: 64 °F	Low: 41 °F	High: 59 °F	Low: 38 °F	High: 63 °F	Low: 46 °F	High: 68 °F	Low: 52 °F	High: 60 °F

AOI – East

Current conditions at
Columbus/West Point/Starkville, Golden Triangle Regional Airport (KGTR)
 Lat: 33.45°N Lon: 88.56°W Elev: 266ft





Fair
58°F
 14°C

Humidity 70%
 Wind Speed W 5 mph
 Barometer 29.97 in (1015.6 mb)
 Dewpoint 48°F (9°C)
 Visibility 10.00 mi
 Last update 4 Jan 8:56 am CST

More Information:
[Local Forecast Office](#)
[More Local Wx](#)
[3 Day History](#)
[Mobile Weather](#)
[Hourly Weather Forecast](#)

Extended Forecast for
6 Miles ENE Noxapater MS

Today	Tonight	Thursday	Thursday Night	Friday	Friday Night	Saturday	Saturday Night	Sunday
								
Sunny	Partly Cloudy	Sunny	Clear	Sunny	Mostly Clear	Sunny then Chance Showers	Chance Showers	Chance Showers
High: 66 °F	Low: 41 °F	High: 59 °F	Low: 36 °F	High: 61 °F	Low: 42 °F	High: 66 °F	Low: 51 °F	High: 61 °F



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www.linkedin.com/company/surdex

From: Cornell Rowan

Sent: Tuesday, January 3, 2023 10:33 AM

To: Stephen Champlin <schamplin@mdeq.ms.gov>; Hays Lambert <hlambert@atlasgeodata.com>; Larry Kirkpatrick <lirkpatrick@atlasgeodata.com>; Zach Adams <zach.adams@waggonereng.com>; Brian Smith <brian.smith@waggonereng.com>

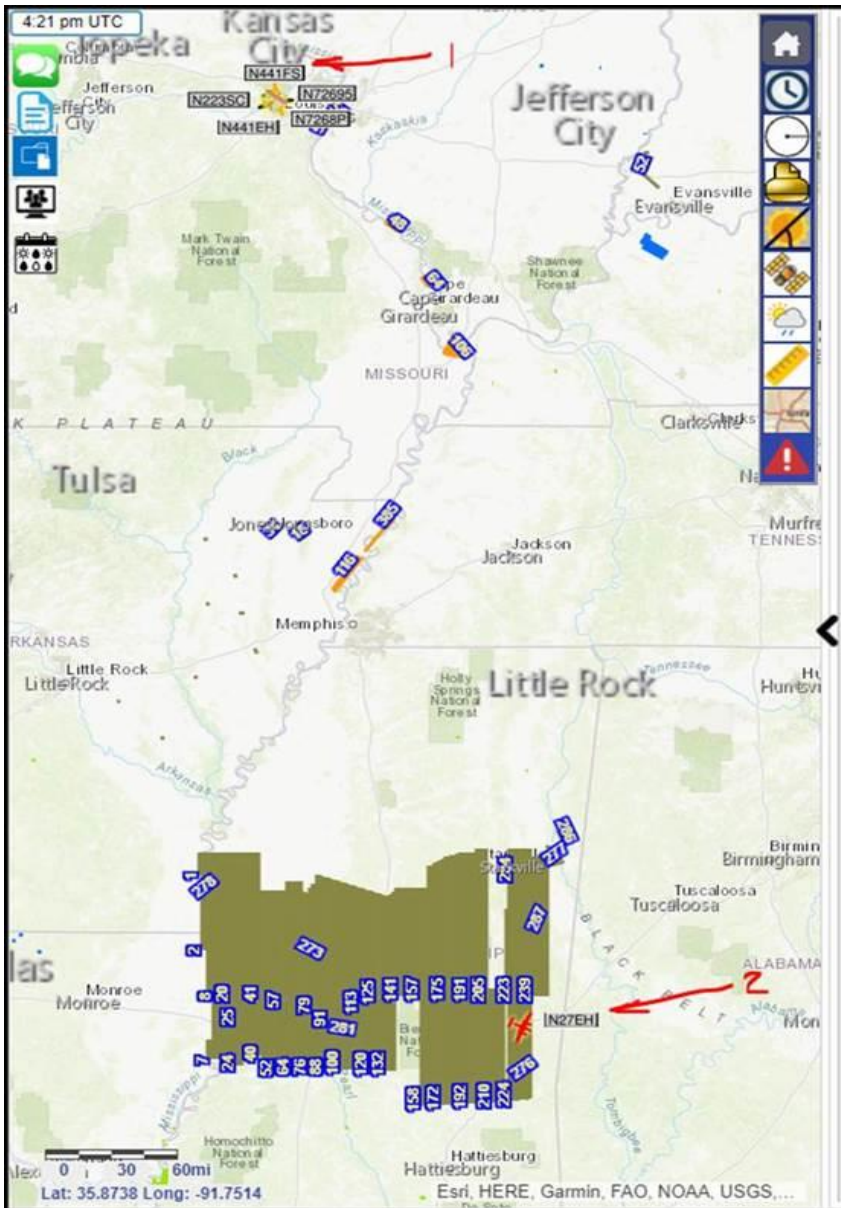
Cc: John Boeding <johnb@surdex.com>

Subject: RE: Aerial Imagery Acquisition - Status Update

Hi Steve,

Yes... The heater is fixed and that is the aircraft (**N27EH**) that flew the last mission on 01/01/2023. The original aircraft (**N441FS**) that flew the first five (5) missions had to return to Surdex for some test. We are working on having a second aircraft join N27EH as soon as possible.

Thank you,





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From: Stephen Champlin <schamplin@mdeq.ms.gov>

Sent: Tuesday, January 3, 2023 10:08 AM

To: Cornell Rowan <cornellr@surdex.com>; Hays Lambert <hlambert@atlasgeodata.com>; Larry Kirkpatrick <lkirkpatrick@atlasgeodata.com>; Zach Adams <zach.adams@waggonereng.com>; Brian Smith <brian.smith@waggonereng.com>

Cc: John Boeding <johnb@surdex.com>

Subject: RE: Aerial Imagery Acquisition - Status Update

Thanks for the update Cornell. Did they ever get the 2nd plane's heater fixed?

Steve

Stephen Champlin, RPG
Geospatial Resources Division/Flood Mapping Director
Office of Geology
Mississippi Department of Environmental Quality (MDEQ)
P.O. Box 2279, Jackson, MS 39225-2279
Office: 601-961-5506
Schamplin@mdeq.ms.gov

From: Cornell Rowan <cornellr@surdex.com>

Sent: Tuesday, January 3, 2023 9:42 AM

To: Hays Lambert <hlambert@atlasgeodata.com>; Larry Kirkpatrick <lirkpatrick@atlasgeodata.com>; Stephen Champlin <schamplin@mdeq.ms.gov>; Zach Adams <zach.adams@waggonereng.com>; Brian Smith <brian.smith@waggonereng.com>

Cc: John Boeding <johnb@surdex.com>

Subject: Aerial Imagery Acquisition - Status Update

This Message Is From an External Sender

This message came from outside your organization.

Good Morning,

Due to weather, there were no flightlines acquired on Monday, January 02, 2023.

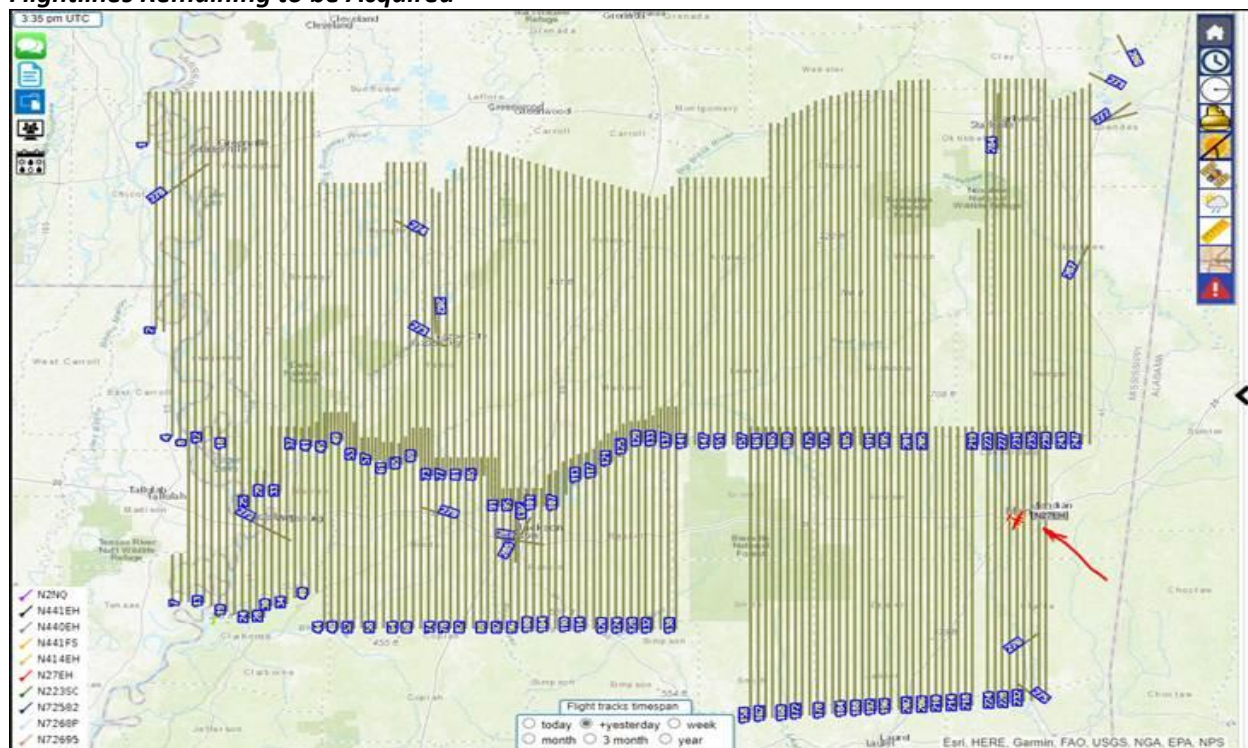
According to the forecast shown below, tomorrow is looking favorable for acquisition to resume.

After the flightlines acquired (*Sunday, January 01, 2023*), **2,087 (16%)** of the **12,792** nautical flightline miles have been acquired to date. As a result, **10,705** nautical flightline miles are remaining to be acquired that will require ~75.5 online hours (*with one aircraft*) to complete the 6-inch resolution, 25 county area of interest (AOI).

Please do not hesitate to contact me at **any time** if you have questions or comments.

Thank you.

Flightlines Remaining to be Acquired



AOI - West

Current conditions at
Greenwood, Greenwood-LeFlore Airport (KGWO)
 Lat: 33.49°N Lon: 90.00°W Elev: 154ft



Thunderstorm Light Rain
71°F
 22°C

Humidity 81%
 Wind Speed NW 9 G 20 mph
 Barometer 29.87 in (1011.3 mb)
 Dewpoint 65°F (18°C)
 Visibility 7.00 mi
 Last update 3 Jan 8:53 am CST

More Information:
[Local Forecast Office](#)
[More Local Wx](#)
[3 Day History](#)
[Mobile Weather](#)
[Hourly Weather Forecast](#)

Extended Forecast for
7 Miles E Belzoni MS

[Click here for hazard details and duration](#)

Now until 11:00am Tue	Today	Tonight	Wednesday	Wednesday Night	Thursday	Thursday Night	Friday	Friday Night
90% → 40% Tornado Watch	90% → 40% Severe Thunderstorms High: 76 °F	30% Chance T-storms then Mostly Cloudy Low: 52 °F	Sunny High: 65 °F	Mostly Clear Low: 42 °F	Sunny High: 58 °F	Mostly Clear Low: 37 °F	Sunny High: 59 °F	Mostly Clear Low: 43 °F

AOI - East

Current conditions at
Columbus/West Point/Starkville, Golden Triangle Regional Airport (KGTR)
 Lat: 33.45°N Lon: 88.50°W Elev: 266ft



Partly Cloudy
70°F
 21°C

Humidity 90%
 Wind Speed S 16 mph
 Barometer 29.91 in (1013.3 mb)
 Dewpoint 67°F (19°C)
 Visibility 10.00 mi
 Last update 3 Jan 8:56 am CST

More Information:
[Local Forecast Office](#)
[More Local Wx](#)
[3 Day History](#)
[Mobile Weather](#)
[Hourly Weather Forecast](#)

Extended Forecast for
7 Miles ESE Louisville MS

[Click here for hazard details and duration](#)

Now until 5:00pm Tue	Today	Tonight	Wednesday	Wednesday Night	Thursday	Thursday Night	Friday	Friday Night
Tornado Watch	80% Severe Thunderstorms High: 76 °F	60% / 70% Severe Thunderstorms then Showers Likely Low: 55 °F	Sunny High: 67 °F	Mostly Clear Low: 41 °F	Sunny High: 59 °F	Clear Low: 34 °F	Sunny High: 58 °F	Mostly Clear Low: 40 °F



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From: Cornell Rowan
Sent: Monday, January 2, 2023 9:26 AM
To: Hays Lambert <hlambert@atlasgeodata.com>; Larry Kirkpatrick <lirkpatrick@atlasgeodata.com>; Stephen Champlin <schamplin@mdeq.ms.gov>; Zach Adams <zach.adams@waggonereng.com>; Brian Smith <brian.smith@waggonereng.com>
Cc: John Boeding <johnb@surdex.com>
Subject: Aerial Imagery Acquisition - Status Update

Good Morning,

Due to weather, there were no flightlines acquired on Saturday, December 31, 2022.

The acquisition did resume yesterday (*Sunday, January 01, 2023*). According to the forecast shown below, tomorrow is not looking favorable but the remainder of the week is.

After the flightlines acquired (*Sunday, January 01, 2023*), **2,087 (16%)** of the **12,792** nautical flightline miles have been acquired to date. As a result, **10,705** nautical flightline miles are remaining to be acquired that will require ~75.5 online hours (*with one aircraft*) to complete the 6-inch resolution, 25 county area of interest (AOI).

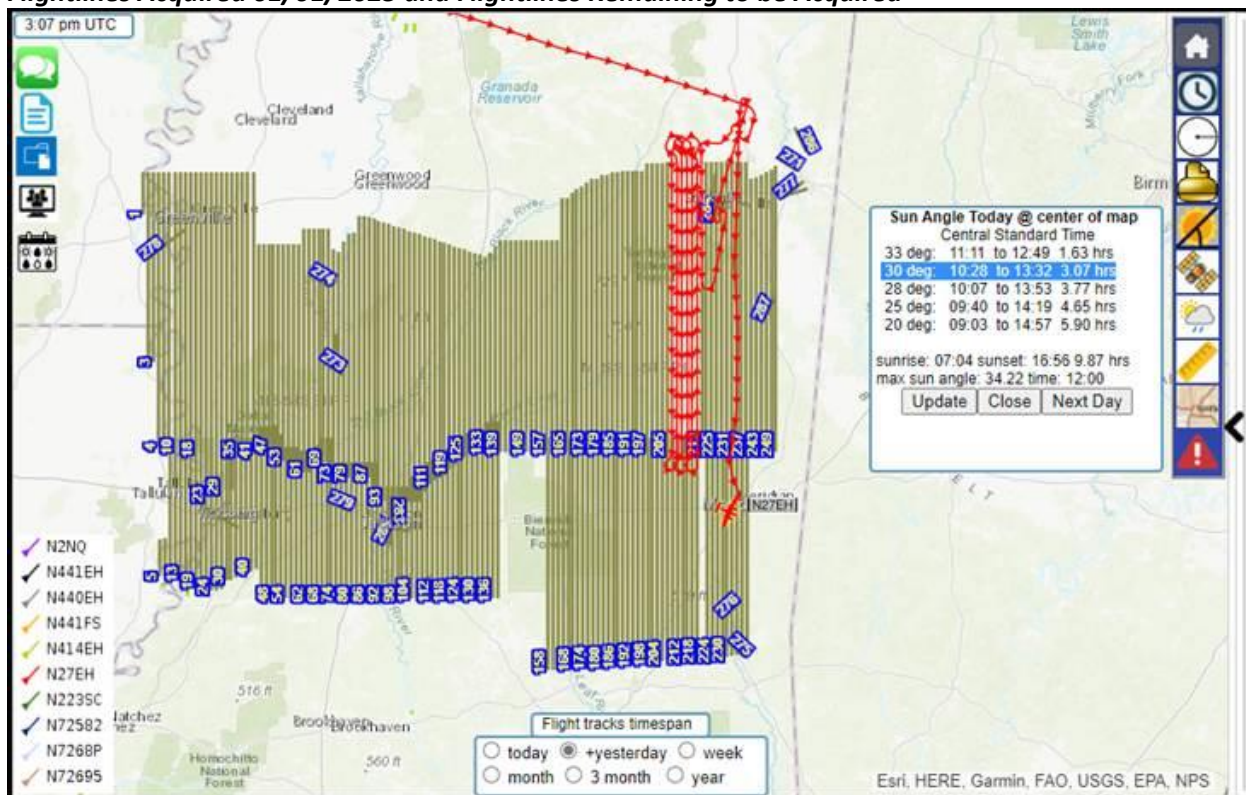
The 01/01/2023 flight report is attached and has been placed on the ftp site.

[MS 2022-2023 Flight Reports \[ftp.surdex.com\]](https://ftp.surdex.com)

Please do not hesitate to contact me at **any time** if you have questions or comments.


Thank you.

Flightlines Acquired 01/01/2023 and Flightlines Remaining to be Acquired



AOI - West

Current conditions at
Greenville, Mid Delta Regional Airport (KGLH)
 Lat: 33.48°N Lon: 90.99°W Elev: 131ft



Fog/Mist
68°F
 20°C

Humidity 88%
 Wind Speed SE 8 mph
 Barometer 30.03 in
 Dewpoint 64°F (18°C)
 Visibility 4.00 mi
 Last update 2 Jan 8:53 am CST

More Information:
[Local Forecast Office](#)
[More Local Wx](#)
[3 Day History](#)
[Mobile Weather](#)
[Hourly Weather Forecast](#)

Extended Forecast for
4 Miles S Louise MS

Today	Tonight	Tuesday	Tuesday Night	Wednesday	Wednesday Night	Thursday	Thursday Night	Friday
20% → 70%	40% → 90%	100% → 60%	30%					
Patchy Showers and Patchy Fog then Severe Thunderstorms	Chance T-storms then Severe Thunderstorms	Severe Thunderstorms then T-storms; Likely	Chance T-storms then Partly Cloudy	Sunny	Mostly Clear	Sunny	Mostly Clear	Sunny
High: 77 °F	Low: 66 °F	High: 73 °F	Low: 51 °F	High: 64 °F	Low: 39 °F	High: 53 °F	Low: 33 °F	High: 54 °F

AOI - East

Current conditions at
Columbus/West Point/Starkville, Golden Triangle Regional Airport (KGTR)
 Lat: 33.45°N Lon: 88.55°W Elev: 268ft



Overcast
65°F
 18°C

Humidity 100%
 Wind Speed SE 10 mph
 Barometer 30.14 in (1021.1 mb)
 Dewpoint 65°F (18°C)
 Visibility 10.00 mi
 Last update 2 Jan 8:56 am CST

More Information:
[Local Forecast Office](#)
[More Local Wx](#)
[3 Day History](#)
[Mobile Weather](#)
[Hourly Weather Forecast](#)

Extended Forecast for
4 Miles W Louisville MS

Today	Tonight	Tuesday	Tuesday Night	Wednesday	Wednesday Night	Thursday	Thursday Night	Friday
20% → 50%	50% → 60%	100%	60% → 40%					
Patchy Showers then Chance T-storms	Chance T-storms then Showers; Likely	Severe Thunderstorms	Showers Likely then Chance T-storms	Mostly Sunny	Mostly Clear	Sunny	Mostly Clear	Sunny
High: 75 °F	Low: 65 °F	High: 73 °F	Low: 51 °F	High: 65 °F	Low: 38 °F	High: 53 °F	Low: 30 °F	High: 54 °F



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www.linkedin.com/company/surdex [linkedin.com]

From: Cornell Rowan

Sent: Saturday, December 31, 2022 3:46 PM

To: Hays Lambert <hlambert@atlasgeodata.com>; Larry Kirkpatrick <lirkpatrick@atlasgeodata.com>; Stephen Champlin <schamplin@mdeq.ms.gov>; Zach Adams <zach.adams@waggonereng.com>; Brian Smith <brian.smith@waggonereng.com>

Cc: John Boeding <johnb@surdex.com>

Subject: Aerial Imagery Acquisition - Status Update

Good Afternoon,

Due to weather, there were no flightlines acquired yesterday but acquisition will resume as soon as the weather permits.


We still have **1,687** (13%) of the **12,792** nautical flightline miles acquired to date. As a result, **11,105** nautical flightline miles are remaining to be acquired that will require ~78 online hours (*with one aircraft*) to complete the 6-inch resolution, 25 county area of interest (AOI).

Please do not hesitate to contact me at **any time** if you have questions or comments.

Thank you.

AOI – West

Current conditions at
Jackson, Hawkins Field Airport (KHKS)
Lat: 32.33°N Lon: 90.22°W Elev: 34 ft.

 Partly Cloudy
65°F
18°C

Humidity 81%
Wind Speed S 8 mph
Barometer 29.95 in (1013.6 mb)
Dewpoint 59°F (15°C)
Visibility 10.00 mi
Last update 31 Dec 2:53 pm CST

More information:
[Local Forecast Office](#)
[More Local Wx](#)
[3 Day History](#)
[Mobile Weather](#)
[Hourly Weather Forecast](#)

Extended Forecast for
2 Miles SE Jackson MS

Time	Forecast	High	Low
This Afternoon	Partly Sunny	69°F	
Tonight	Partly Cloudy then Patchy Dense Fog		53°F
New Year's Day	Patchy Dense Fog then Sunny	74°F	
Sunday Night	Partly Cloudy then Patchy Fog		60°F
Monday	Slight Chance T-storms then Showers. Likely	76°F	
Monday Night	Chance T-storms then Showers		65°F
Tuesday	Severe Thunderstorms	75°F	
Tuesday Night	Chance T-storms then Slight Chance Showers		48°F
Wednesday	Mostly Sunny	62°F	

AOI – East

Current conditions at
Meridian, Meridian Naval Air Station - McCain Field (KNMM)
Lat: 32.55°N Lon: 88.56°W Elev: 318 ft.

 Overcast
66°F
19°C

Humidity 78%
Wind Speed S 5 mph
Barometer 29.96 in (1015.5 mb)
Dewpoint 59°F (15°C)
Visibility 10.00 mi
Last update 31 Dec 2:56 pm CST

More information:
[Local Forecast Office](#)
[More Local Wx](#)
[3 Day History](#)
[Mobile Weather](#)
[Hourly Weather Forecast](#)

Extended Forecast for
7 Miles SW Noxapater MS

Time	Forecast	High	Low
This Afternoon	Partly Sunny	68°F	
Tonight	Mostly Cloudy then Patchy Dense Fog		51°F
New Year's Day	Areas Dense Fog then Sunny	74°F	
Sunday Night	Mostly Clear then Patchy Fog		55°F
Monday	Patchy Fog then Showers. Likely	73°F	
Monday Night	Chance T-storms then Showers		62°F
Tuesday	Severe Thunderstorms	73°F	
Tuesday Night	Chance T-storms then Chance Showers		47°F
Wednesday	Mostly Sunny	60°F	



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From: Cornell Rowan

Sent: Friday, December 30, 2022 10:37 AM

To: Hays Lambert <hlambert@atlasgeodata.com>; Larry Kirkpatrick <lkirkpatrick@atlasgeodata.com>; Stephen Champlin <schamplin@mdeq.ms.gov>; Zach Adams <zach.adams@waggonereng.com>; Brian Smith <brian.smith@waggonereng.com>

Cc: John Boeding <johnb@surdex.com>

Subject: MS 2022-2023 Early Access Image Service

Good Morning,

The MS 2022-2023 Early Access Image Service is online. The User Name and Password shown below can be used for both links.

User Name: **MS25co**

Password: **MS2022**

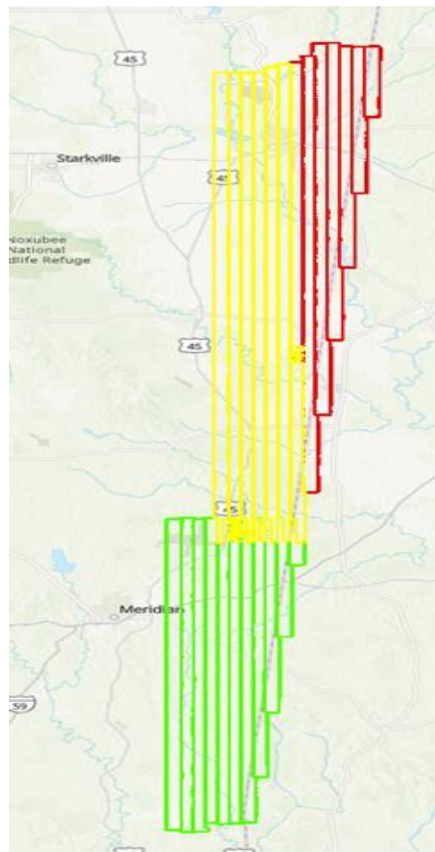
The ***Flightlines_Acquired_asof_123022.shp*** is also attached for your use. As mentioned in the kick-off meeting, this file has valuable information in the attribute table.

Please do not hesitate to contact me if you have any questions or comments.

Thank you,

[MS 2022-2023 Early Access Image Service \[iserver5.surdex.com\]](https://iserver5.surdex.com)

[MS 2022-2023 Early Access Flightline Service \[iserver5.surdex.com\]](https://iserver5.surdex.com)





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From: Cornell Rowan
Sent: Friday, December 30, 2022 10:17 AM
To: 'Hays Lambert' <hlambert@atlasgeodata.com>; 'Larry Kirkpatrick' <lirkpatrick@atlasgeodata.com>; 'Stephen Champlin' <schamplin@mdeq.ms.gov>; 'Zach Adams' <zach.adams@waggonereng.com>; 'Brian Smith' <brian.smith@waggonereng.com>
Cc: John Boeding <johnb@surdex.com>
Subject: Aerial Imagery Acquisition - Status Update

Good Morning,

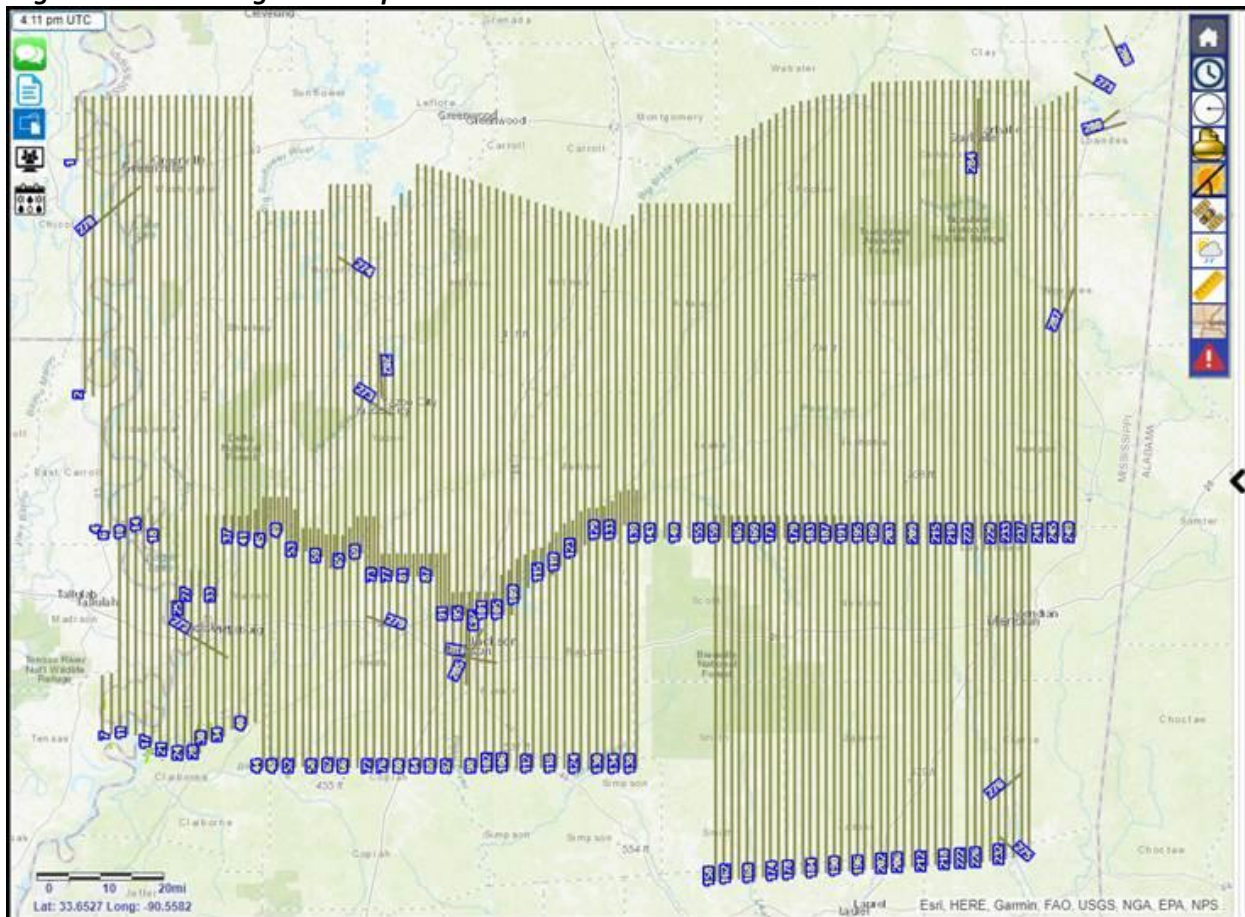
Due to weather, there were no flightlines acquired yesterday but acquisition will resume as soon as the weather permits.

We still have **1,687** (13%) of the **12,792** nautical flightline miles acquired to date. As a result, **11,105** nautical flightline miles are remaining to be acquired that will require ~78 online hours (*with one aircraft*) to complete the 6-inch resolution, 25 county area of interest (AOI).

Please do not hesitate to contact me at **any time** if you have questions or comments.

Thank you.

Flightlines Remaining to be Acquired



AOI - West

Current conditions at
Greenwood, Greenwood-LeFlore Airport (KGWO)
 Lat: 33.49°N Lon: 90.08°W Elev: 154ft.



Light Rain
60°F
 16°C

Humidity 90%
 Wind Speed SE 8 mph
 Barometer 30.04 in (1017.1 mb)
 Dewpoint 57°F (14°C)
 Visibility 10.00 mi
 Last update 30 Dec 9:53 am CST

More Information:
[Local Forecast Office](#)
[More Local Wx](#)
[3 Day History](#)
[Mobile Weather](#)
[Hourly Weather Forecast](#)

Extended Forecast for
4 Miles SSE Belzoni MS

Today	Tonight	Saturday	Saturday Night	New Year's Day	Sunday Night	Monday	Monday Night	Tuesday
90% → 50%	40%					50% → 80%	90%	40%
Showers then Chance T-storms	Chance T-storms	Decreasing Clouds	Partly Cloudy	Sunny	Mostly Cloudy	Severe Thunderstorms	Severe Thunderstorms	Heavy Rain
High: 66 °F	Low: 54 °F	High: 65 °F	Low: 51 °F	High: 71 °F	Low: 59 °F	High: 76 °F	Low: 62 °F	High: 72 °F

AOI - East

Current conditions at
Columbus/West Point/Starkville, Golden Triangle Regional Airport (KGTR)
 Lat: 33.45°N Lon: 88.58°W Elev: 266ft.



Overcast
58°F
 14°C

Humidity 75%
 Wind Speed SE 9 mph
 Barometer 30.10 in (1020.0 mb)
 Dewpoint 50°F (10°C)
 Visibility 10.00 mi
 Last update 30 Dec 9:56 am CST

More Information:
[Local Forecast Office](#)
[More Local Wx](#)
[3 Day History](#)
[Mobile Weather](#)
[Hourly Weather Forecast](#)

Extended Forecast for
5 Miles NE Noxapater MS

Today	Tonight	Saturday	Saturday Night	New Year's Day	Sunday Night	Monday	Monday Night	Tuesday
90%	50%					90% → 70%	100%	70% → 40%
Showers	Chance T-storms	Gradual Clearing	Partly Cloudy	Sunny	Partly Cloudy	Heavy Rain	Heavy Rain	Heavy Rain
High: 63 °F	Low: 56 °F	High: 65 °F	Low: 48 °F	High: 70 °F	Low: 55 °F	High: 72 °F	Low: 62 °F	High: 72 °F



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From: Cornell Rowan
Sent: Thursday, December 29, 2022 4:21 PM
To: Hays Lambert <hlambert@atlasgeodata.com>; Larry Kirkpatrick <lirkpatrick@atlasgeodata.com>; Stephen Champlin <schamplin@mdeq.ms.gov>; Zach Adams <zach.adams@waggonereng.com>; Brian Smith <brian.smith@waggonereng.com>
Cc: John Boeding <johnb@surdex.com>
Subject: Aerial Imagery Acquisition - Status Update

Good Afternoon,

The crew was able to acquire four (4) flightlines yesterday before the clouds moved in. Due to weather, there were no flightlines acquired today but acquisition will resume as soon as the weather permits.

After the flightlines acquired (*Wednesday, December 28, 2022*), **1,687 (13%)** of the **12,792** nautical flightline miles have been acquired to date. As a result, **11,105** nautical flightline miles are remaining to be acquired that will require ~78 online hours (*with one aircraft*) to complete the 6-inch resolution, 25 county area of interest (AOI).

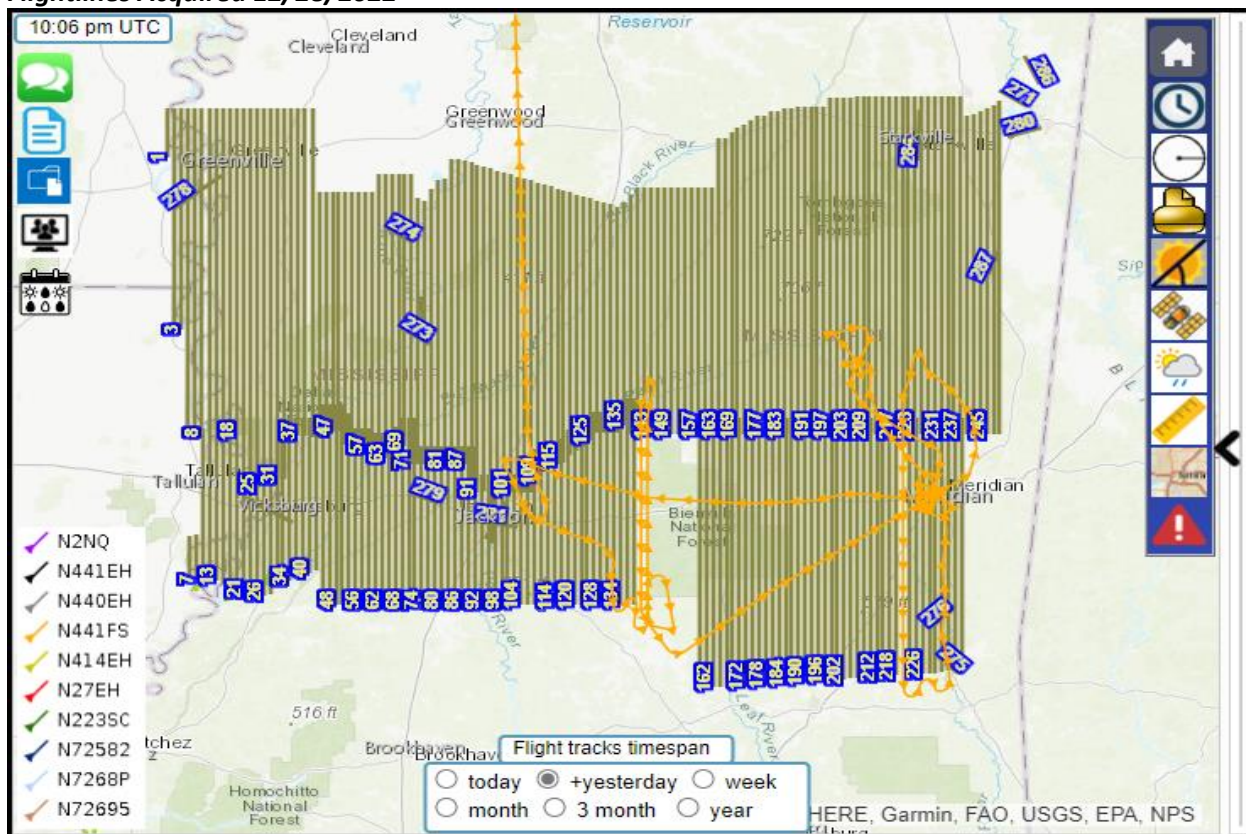
The 12/28/2022 flight report is attached and has been placed on the ftp site.

[MS 2022-2023 Flight Reports \[ftp.surdex.com\]](https://ftp.surdex.com)

Please do not hesitate to contact me at **any time** if you have questions or comments.

Thank you.

Flightlines Acquired 12/28/2022



AOI - West

Current conditions at
Greenville, Mid Delta Regional Airport (KGLH)
 Lat: 33.48°N Lon: 90.99°W Elev: 131ft.



Mostly Cloudy
71°F
 22°C

Humidity 73%
 Wind Speed SE 16 mph
 Barometer 30.00 in (1016.4 mb)
 Dewpoint 62°F (17°C)
 Visibility 10.00 mi
 Last update 29 Dec 3:53 pm CST

More Information:
[Local Forecast Office](#)
[More Local Wx](#)
[3 Day History](#)
[Mobile Weather](#)
[Hourly Weather Forecast](#)

Extended Forecast for
3 Miles NE Louise MS

Tonight	Friday	Friday Night	Saturday	Saturday Night	New Year's Day	Sunday Night	Monday	Monday Night
								
40%	90%	50% → 20%					40% → 60%	100%
Chance Showers	Showers and Patchy Fog	Chance Showers then Slight Chance Showers	Decreasing Clouds	Partly Cloudy	Sunny	Mostly Cloudy	Chance Showers then T-storms	T-storms
Low: 60 °F	High: 67 °F	Low: 54 °F	High: 66 °F	Low: 51 °F	High: 72 °F	Low: 58 °F	High: 75 °F	Low: 61 °F

AOI - East

Current conditions at
Columbus/West Point/Starkville, Golden Triangle Regional Airport (KGTR)
 Lat: 33.45°N Lon: 88.58°W Elev: 268ft.



Overcast
70°F
 21°C

Humidity 55%
 Wind Speed S 14 mph
 Barometer 30.14 in (1021.2 mb)
 Dewpoint 53°F (12°C)
 Visibility 10.00 mi
 Last update 29 Dec 3:56 pm CST

More Information:
[Local Forecast Office](#)
[More Local Wx](#)
[3 Day History](#)
[Mobile Weather](#)
[Hourly Weather Forecast](#)

Extended Forecast for
5 Miles NE Noxapater MS

This Afternoon	Tonight	Friday	Friday Night	Saturday	Saturday Night	New Year's Day	Sunday Night	Monday
								
30%		90%	60%					30% → 60%
Chance Rain	Increasing Clouds	Showers and Patchy Fog	Showers Likely	Partly Sunny	Partly Cloudy	Sunny	Partly Cloudy	Chance Showers then Showers Likely
High: 64 °F	Low: 55 °F	High: 64 °F	Low: 56 °F	High: 66 °F	Low: 48 °F	High: 71 °F	Low: 54 °F	High: 71 °F



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From: Cornell Rowan

Sent: Wednesday, December 28, 2022 12:02 PM

To: Hays Lambert <hlambert@atlasgeodata.com>; Larry Kirkpatrick <lirkpatrick@atlasgeodata.com>; Stephen Champlin <schamplin@mdeq.ms.gov>; Zach Adams <zach.adams@waggonereng.com>; Brian Smith <brian.smith@waggonereng.com>

Cc: John Boeding <johnb@surdex.com>

Subject: Aerial Imagery Acquisition - Status Update

Good Morning,

The crew was able to acquire imagery yesterday and is currently on-line (*shown in the flight tracker image below*).

After the flightlines acquired (*Tuesday, December 27, 2022*), **1,569 (12%)** of the **12,792** nautical flightline miles have been acquired to date. As a result, **11,223** nautical flightline miles are remaining to be acquired that will require ~79 online hours (*with one aircraft*) to complete the 6-inch resolution, 25 county area of interest (AOI).

As Larry requested in the call this morning, the flight reports are attached and on the ftp site.

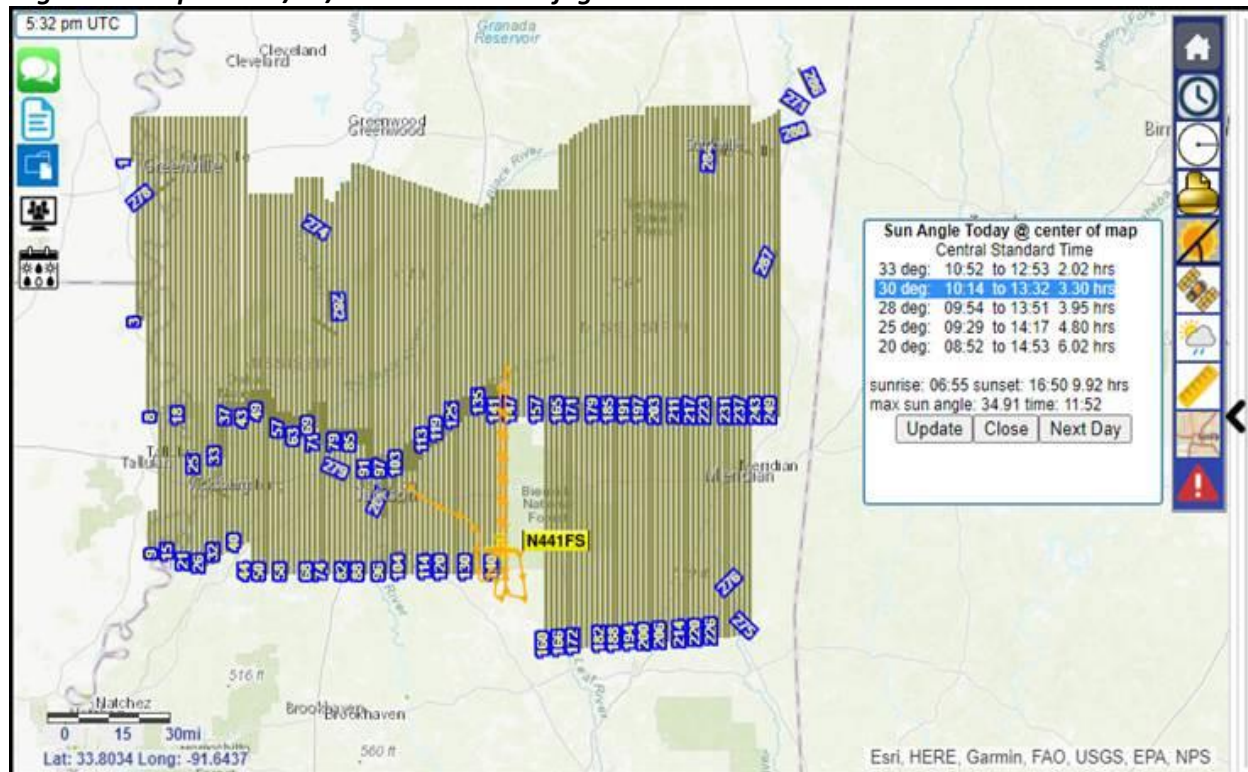
[MS 2022-2023 Flight Reports \[ftp.surdex.com\]](ftp://ftp.surdex.com)

In searching for the handwritten reports, I have learned that the reports are now 100% auto generated.

Please do not hesitate to contact me at **any time** if you have questions or comments.

Thank you.

Flightlines Acquired 12/27/2022 and current flight status



AOI - West

Current conditions at
Jackson, Hawkins Field Airport (KHKS)
 Lat: 32.33°N Lon: 90.22°W Elev: 341ft.



Fair
62°F
 17°C

Humidity 56%
 Wind Speed S 14 G 24 mph
 Barometer 30.16 in (1020.7 mb)
 Dewpoint 46°F (8°C)
 Visibility 10.00 mi
 Last update 28 Dec 10:53 am CST


More Information:
[Local Forecast Office](#)
[More Local WX](#)
[3 Day History](#)
[Mobile Weather](#)
[Hourly Weather Forecast](#)

Extended Forecast for
4 Miles WNW Yazoo City MS

Today	Tonight	Thursday	Thursday Night	Friday	Friday Night	Saturday	Saturday Night	New Year's Day
 Sunny	 Increasing Clouds	 50% Chance Showers	 60% Heavy Rain	 70% Heavy Rain	 50% 30% Heavy Rain	 20% Slight Chance Showers then Mostly Sunny	 Partly Cloudy	 Mostly Sunny
High: 66 °F	Low: 52 °F	High: 70 °F	Low: 57 °F	High: 66 °F	Low: 55 °F	High: 69 °F	Low: 54 °F	High: 72 °F

AOI - East

Current conditions at
Meridian, Meridian Naval Air Station - McCain Field (KNMM)
 Lat: 32.55°N Lon: 88.56°W Elev: 310ft.



Fair
58°F
 14°C

Humidity 51%
 Wind Speed S 8 mph
 Barometer 30.22 in (1024.7 mb)
 Dewpoint 40°F (4°C)
 Visibility 10.00 mi
 Last update 28 Dec 10:56 am CST

More Information:
[Local Forecast Office](#)
[More Local WX](#)
[3 Day History](#)
[Mobile Weather](#)
[Hourly Weather Forecast](#)

Extended Forecast for
7 Miles SSW Noxapater MS

Today	Tonight	Thursday	Thursday Night	Friday	Friday Night	Saturday	Saturday Night	New Year's Day
 Sunny	 Mostly Cloudy	 20% Partly Sunny then Slight Chance Showers	 30% Chance Showers	 70% Heavy Rain	 60% 50% Heavy Rain	 30% Chance Showers then Mostly Sunny	 Partly Cloudy	 Mostly Sunny
High: 64 °F	Low: 47 °F	High: 68 °F	Low: 54 °F	High: 64 °F	Low: 55 °F	High: 69 °F	Low: 52 °F	High: 72 °F



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From: Cornell Rowan
Sent: Tuesday, December 27, 2022 10:24 AM
To: Hays Lambert <hlambert@atlasgeodata.com>; Larry Kirkpatrick <lirkpatrick@atlasgeodata.com>; Stephen Champlin <schamplin@mdeq.ms.gov>; Zach Adams <zach.adams@waggonereng.com>; Brian Smith <brian.smith@waggonereng.com>
Cc: John Boeding <johnb@surdex.com>
Subject: Aerial Imagery Acquisition - Status Update

Good Morning,

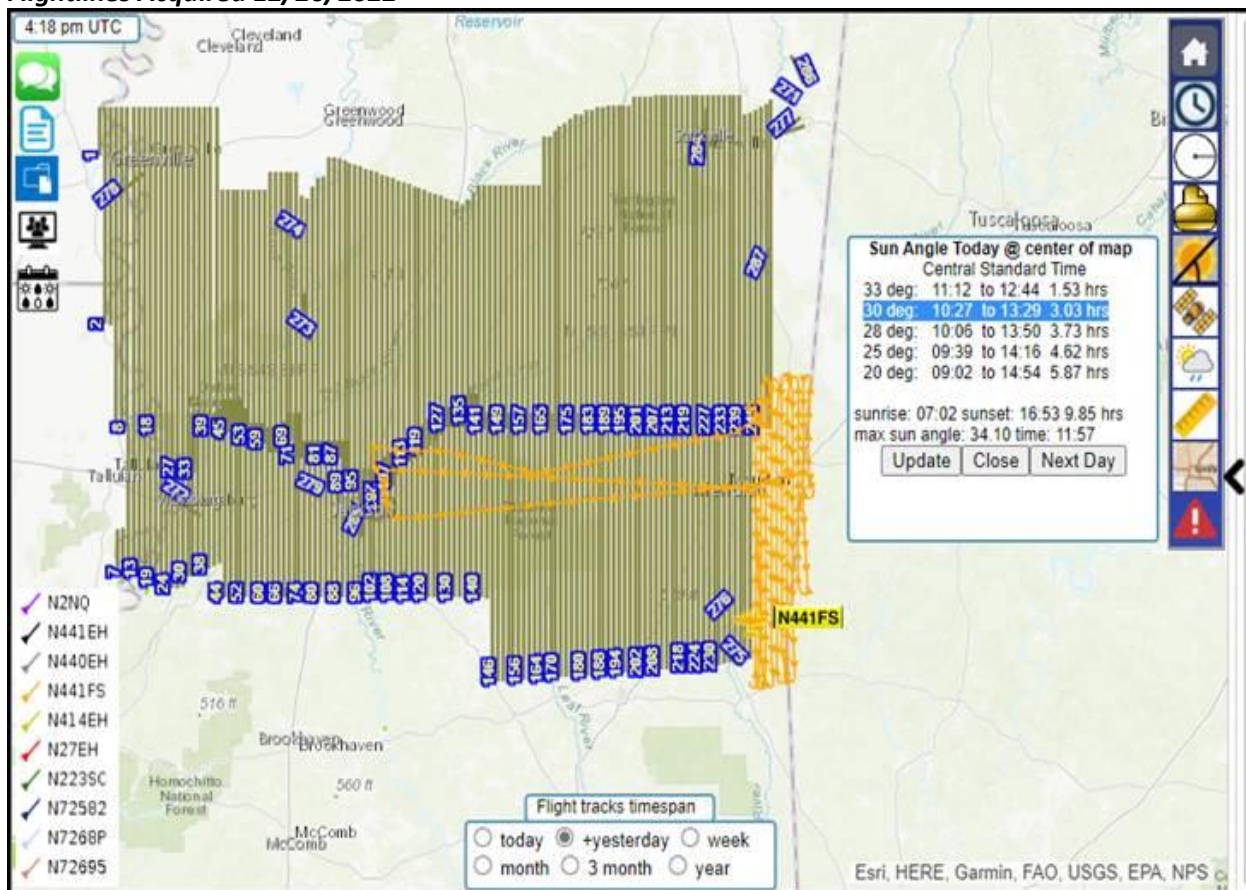
The crew was able to acquire imagery yesterday and is currently on-line (*shown in the flight tracker image below*).

After the flightlines acquired (*Monday, December 26, 2022*), **1,120 (9%)** of the **12,792** nautical flightline miles have been acquired to date. As a result, **11,672** nautical flightline miles are remaining to be acquired that will require ~82 online hours (*with one aircraft*) to complete the 6-inch resolution, 25 county area of interest (AOI).

Please do not hesitate to contact me at **any time** if you have questions or comments.


Thank you.

Flightlines Acquired 12/26/2022



AOI - West

Current conditions at
Greenwood, Greenwood-LeFlore Airport (KGWO)
 Lat: 33.49°N Lon: 90.05°W Elev: 154ft












Overcast
34°F
 1°C

Humidity 79%
 Wind Speed E 3 mph
 Barometer 30.35 in (1028.0 mb)
 Dewpoint 28°F (-2°C)
 Visibility 10.00 mi
 Last update 27 Dec 9:53 am CST


More Information:
[Local Forecast Office](#)
[More Local Wx](#)
[3 Day History](#)
[Mobile Weather](#)
[Hourly Weather Forecast](#)

Extended Forecast for
Eden MS

Today	Tonight	Wednesday	Wednesday Night	Thursday	Thursday Night	Friday	Friday Night	Saturday
								
Sunny	Mostly Clear	Sunny	Partly Cloudy	Mostly Cloudy then Chance Showers	Showers Likely	Showers Likely	Showers Likely	Showers Likely
High: 44 °F	Low: 30 °F	High: 62 °F	Low: 50 °F	High: 70 °F	Low: 55 °F	High: 65 °F	Low: 56 °F	High: 68 °F

AOI - East

Current conditions at
Columbus/West Point/Starkville, Golden Triangle Regional Airport (KGTR)
 Lat: 33.45°N Lon: 88.58°W Elev: 268ft












Fair
37°F
 3°C

Humidity 62%
 Wind Speed N 6 mph
 Barometer 30.34 in (1028.6 mb)
 Dewpoint 25°F (-4°C)
 Visibility 10.00 mi
 Wind Chill 32°F (0°C)
 Last update 27 Dec 9:56 am CST

More Information:
[Local Forecast Office](#)
[More Local Wx](#)
[3 Day History](#)
[Mobile Weather](#)
[Hourly Weather Forecast](#)

Extended Forecast for
6 Miles W Noxapater MS

Today	Tonight	Wednesday	Wednesday Night	Thursday	Thursday Night	Friday	Friday Night	Saturday
								
Sunny	Clear	Sunny	Increasing Clouds	Partly Sunny	Slight Chance Showers	Chance Showers then Showers	Showers Likely	Showers Likely
High: 48 °F	Low: 28 °F	High: 60 °F	Low: 45 °F	High: 66 °F	Low: 51 °F	High: 62 °F	Low: 54 °F	High: 67 °F



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From: Cornell Rowan

Sent: Monday, December 26, 2022 9:10 AM

To: Hays Lambert <hlambert@atlasgeodata.com>; Larry Kirkpatrick <lirkpatrick@atlasgeodata.com>; Stephen Champlin <schamplin@mdeq.ms.gov>; Zach Adams <zach.adams@waggonereng.com>; Brian Smith <brian.smith@waggonereng.com>

Cc: John Boeding <johnb@surdex.com>

Subject: Aerial Imagery Acquisition - Status Update

Good Morning,

CORRECTION: After the flightlines acquired on Saturday, the percentage flown should have read (2%) and not (.02%)

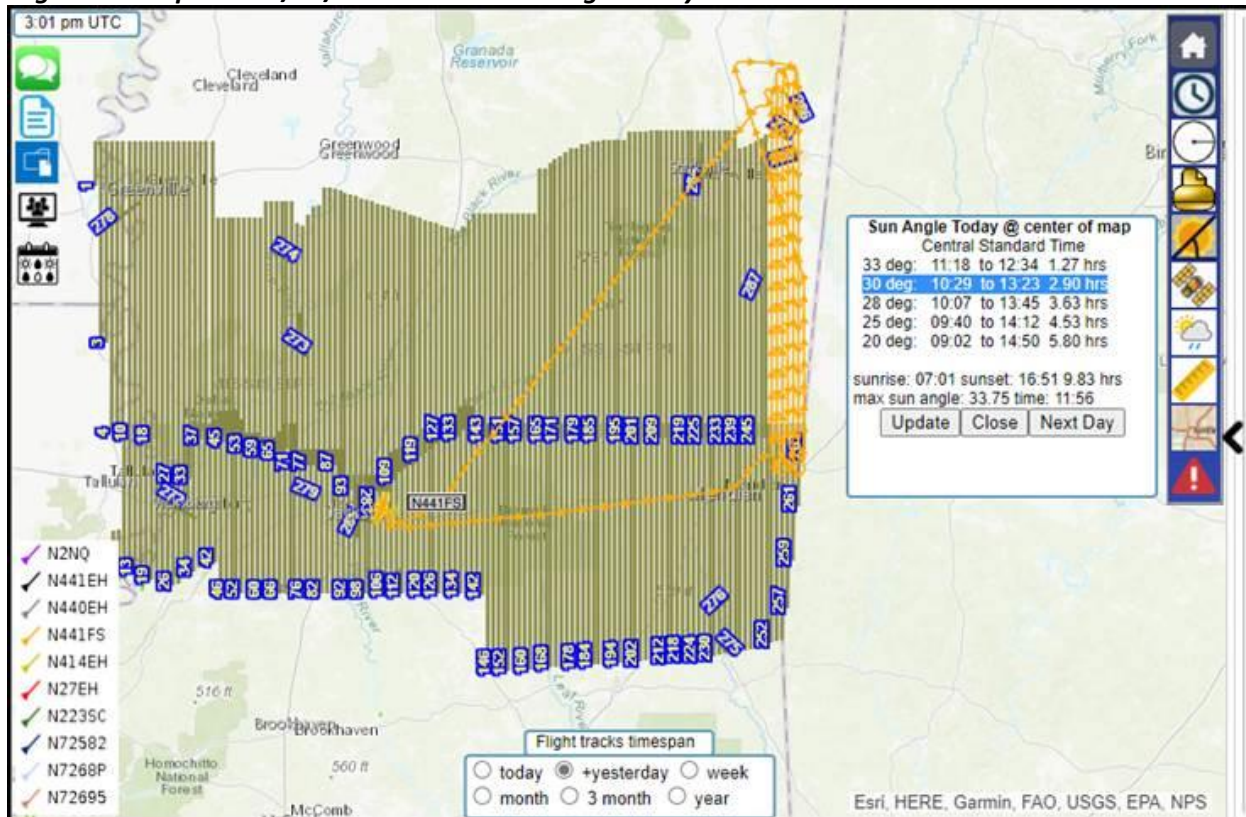
The crew was able to acquire imagery yesterday and is still based in Jackson, MS. Referencing the 5-day forecast charts below, clouds could possibly be an issue today, but they will take advantage of any opportunity to acquire imagery anywhere in the AOI.

After the flightlines acquired (*Sunday, December 25, 2022*), **712 (6%)** of the **12,792** nautical flightline miles have been acquired to date. As a result, **12,080** nautical flightline miles are remaining to be acquired that will require ~85 online hours (*with one aircraft*) to complete the 6-inch resolution, 25 county area of interest (AOI).

Please do not hesitate to contact me at **any time** if you have questions or comments.

Thank you.

Flightlines Acquired 12/25/2022 and 30° sun angle today



AOI - West

Current conditions at
Greenwood, Greenwood-LeFlore Airport (KGWO)
 Lat: 33.49°N Lon: 90.00°W Elev: 154ft.






Fair
32°F
 0°C

Humidity 61%
 Wind Speed S 7 mph
 Barometer 30.28 in (1025.5 mb)
 Dewpoint 20°F (-7°C)
 Visibility 10.00 mi
 Wind Chill 25°F (-4°C)
 Last update 26 Dec 7:53 am CST


More Information:
[Local Forecast Office](#)
[More Local Wx](#)
[3 Day History](#)
[Mobile Weather](#)
[Hourly Weather Forecast](#)

Extended Forecast for
6 Miles SSE Silver City MS

Today	Tonight	Tuesday	Tuesday Night	Wednesday	Wednesday Night	Thursday	Thursday Night	Friday
								
Mostly Cloudy	Partly Cloudy	Mostly Sunny	Partly Cloudy	Mostly Sunny	Mostly Cloudy	20% 40%	60%	80%
Slight Chance T-storms then Chance Rain	Rain Likely	Showers						
High: 43 °F	Low: 24 °F	High: 43 °F	Low: 29 °F	High: 61 °F	Low: 52 °F	High: 71 °F	Low: 57 °F	High: 68 °F

AOI - East

Current conditions at
Columbus/West Point/Starkville, Golden Triangle Regional Airport (KGTR)
 Lat: 33.45°N Lon: 88.56°W Elev: 266ft.













Fair
29°F
 -2°C

Humidity 47%
 Wind Speed NW 9 mph
 Barometer 30.49 in (1033.6 mb)
 Dewpoint 11°F (-12°C)
 Visibility 10.00 mi
 Wind Chill 21°F (-6°C)
 Last update 24 Dec 11:56 am CST

More Information:
[Local Forecast Office](#)
[More Local Wx](#)
[3 Day History](#)
[Mobile Weather](#)
[Hourly Weather Forecast](#)

Extended Forecast for
4 Miles NE Noxapater MS

 Click here for hazard details and duration

NOW until 10:00am Sun	This Afternoon	Tonight	Christmas Day	Sunday Night	Monday	Monday Night	Tuesday	Tuesday Night
								
Hard Freeze Warning	Mostly Sunny	Mostly Clear	Sunny	Mostly Clear	Partly Sunny	Partly Cloudy	Sunny	Partly Cloudy
High: 29 °F	Low: 17 °F	High: 37 °F	Low: 20 °F	High: 44 °F	Low: 24 °F	High: 48 °F	Low: 30 °F	



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From: Cornell Rowan

Sent: Sunday, December 25, 2022 8:51 AM

To: Hays Lambert <hlambert@atlasgeodata.com>; Larry Kirkpatrick <lkirkpatrick@atlasgeodata.com>; Stephen Champlin <schamplin@mdeq.ms.gov>; Zach Adams <zach.adams@waggonereng.com>; Brian Smith <brian.smith@waggonereng.com>

Cc: John Boeding <johnb@surdex.com>

Subject: Aerial Imagery Acquisition - Status Update

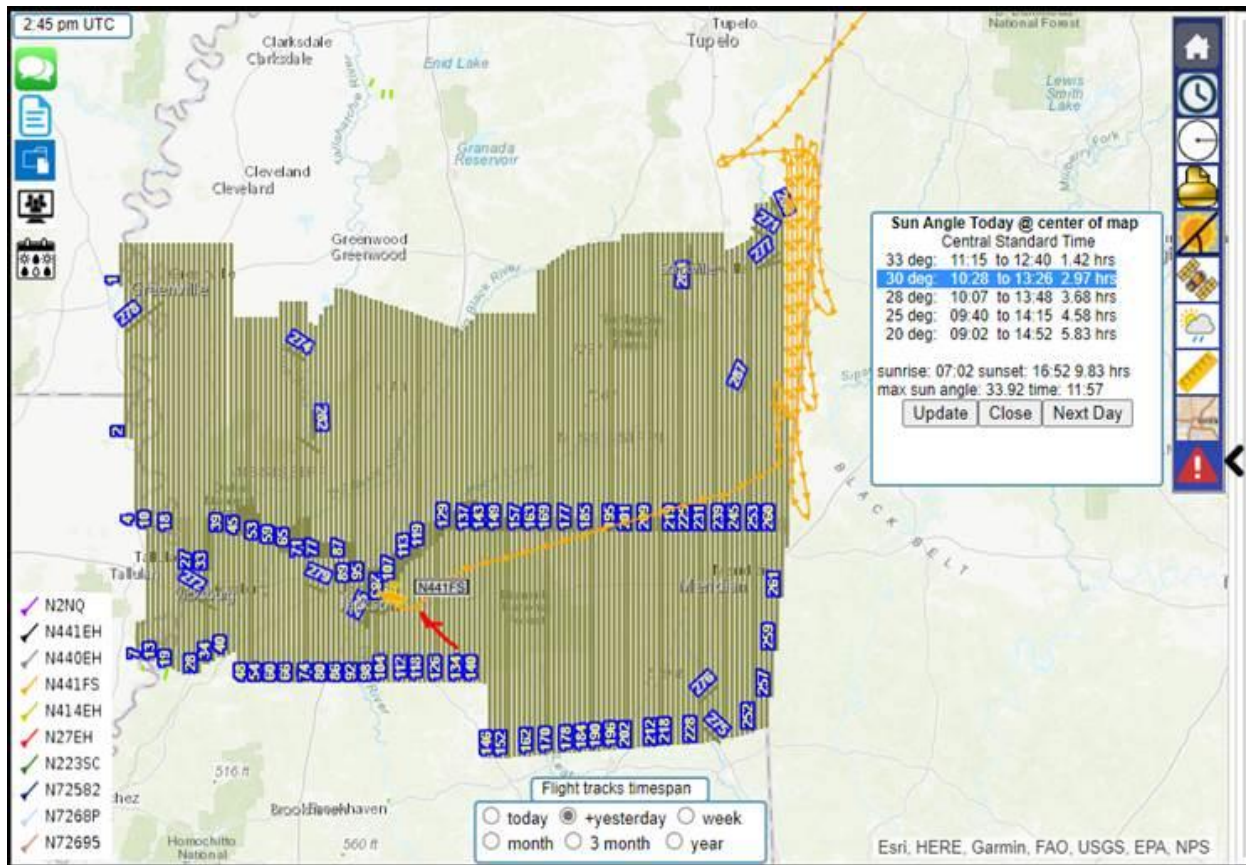
Good Morning,

As mentioned, the *Aerial Imagery Acquisition* phase of the project started yesterday and was cut short due to scattered cirrus cloud shadows. The flight crew is based in Jackson, MS and plans to resume the aerial acquisition at sun angle (10:28am conditions permitting).

After the flightlines acquired (Saturday, December 24, 2022), **272 (.02%)** of the **12,792** nautical flightline miles have been acquired to date. As a result, **12,520** nautical flightline miles are remaining to be acquired that will require ~88 online hours (*with one aircraft*) to complete the 6-inch resolution, 25 county area of interest (AOI).

Please do not hesitate to contact me at **any time** if you have questions or comments.

Thank you.



AOI - West

Current conditions at
Jackson, Hawkins Field Airport (KHKS)
 Lat: 32.33°N Lon: 90.22°W Elev: 341ft



Fair
1°F
 -17°C

Humidity NA
 Wind Speed NW 5 mph
 Barometer 30.44 in (1031.0 mb)
 Dewpoint N/A
 Visibility 10.00 mi
 Wind Chill -9°F (-23°C)
 Last update 25 Dec 7:53 am CST

More Information:
[Local Forecast Office](#)
[More Local Wx](#)
[3 Day History](#)
[Mobile Weather](#)
[Hourly Weather Forecast](#)

Extended Forecast for
2 Miles SE Jackson MS

[Click here for hazard details and duration](#)

Now until 10:00am Sun	Christmas Day	Tonight	Monday	Monday Night	Tuesday	Tuesday Night	Wednesday	Wednesday Night
 Hard Freeze Warning	 Frost then Sunny	 Clear	 Increasing Clouds	 Decreasing Clouds	 Sunny	 Partly Cloudy	 Mostly Sunny	 Mostly Cloudy
	High: 39 °F	Low: 23 °F	High: 48 °F	Low: 25 °F	High: 49 °F	Low: 33 °F	High: 67 °F	Low: 57 °F

AOI - East

Current conditions at
Meridian, Meridian Naval Air Station - McCain Field (KNMM)
 Lat: 32.55°N Lon: 88.56°W Elev: 318ft



Fair
23°F
 -5°C

Humidity 72%
 Wind Speed NW 3 mph
 Barometer 30.43 in (1032.1 mb)
 Dewpoint 15°F (-9°C)
 Visibility 10.00 mi
 Last update 25 Dec 7:56 am CST

More Information:
[Local Forecast Office](#)
[More Local Wx](#)
[3 Day History](#)
[Mobile Weather](#)
[Hourly Weather Forecast](#)

Extended Forecast for
5 Miles SSE Noxapater MS

[Click here for hazard details and duration](#)

Now until 10:00am Sun	Christmas Day	Tonight	Monday	Monday Night	Tuesday	Tuesday Night	Wednesday	Wednesday Night
 Hard Freeze Warning	 Frost then Sunny	 Clear	 Partly Sunny	 Decreasing Clouds	 Sunny	 Partly Cloudy	 Mostly Sunny	 Mostly Cloudy
	High: 38 °F	Low: 19 °F	High: 45 °F	Low: 23 °F	High: 49 °F	Low: 30 °F	High: 63 °F	Low: 50 °F



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From: Cornell Rowan

Sent: Saturday, December 24, 2022 12:18 PM

To: Hays Lambert <hlambert@atlasgeodata.com>; Larry Kirkpatrick <lirkpatrick@atlasgeodata.com>; Stephen Champlin <schamplin@mdeq.ms.gov>; Zach Adams <zach.adams@waggonereng.com>; Brian Smith <brian.smith@waggonereng.com>

Cc: John Boeding <johnb@surdex.com>

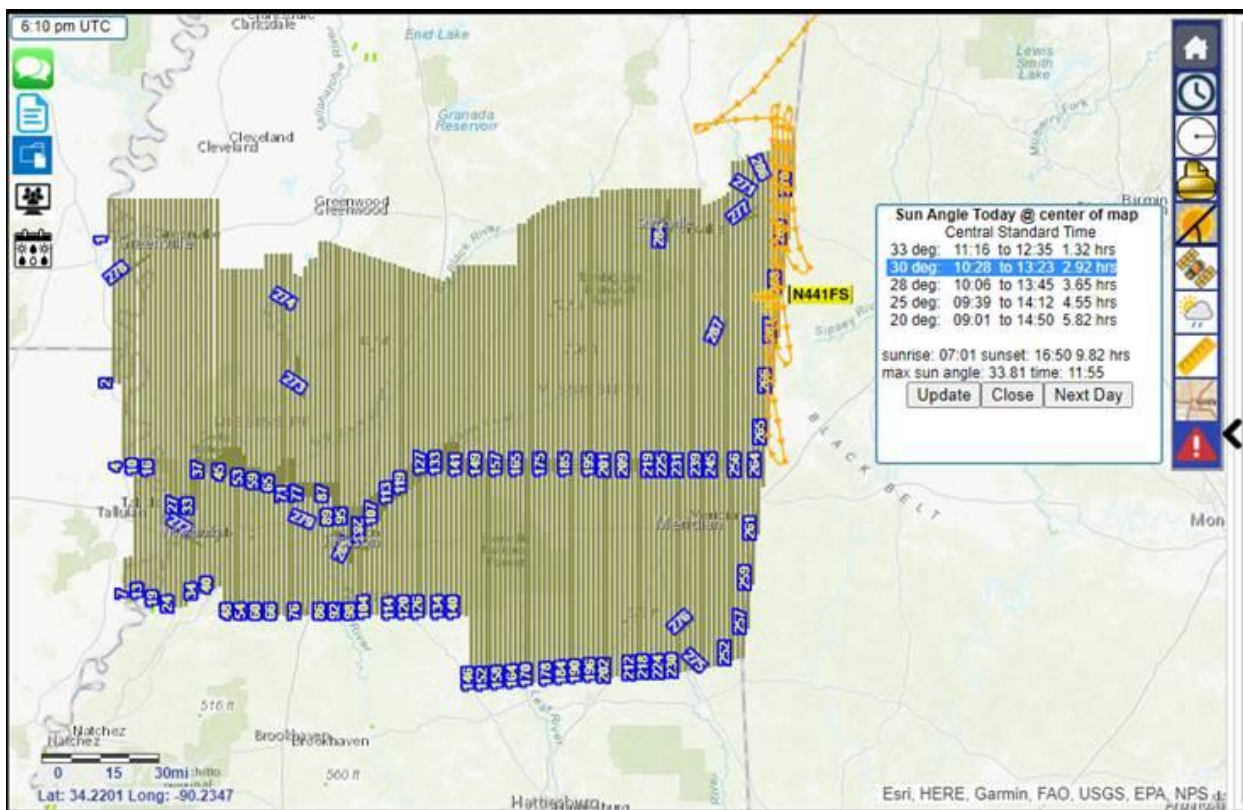
Subject: Aerial Imagery Acquisition - Status Update

Good Afternoon,

I am pleased to report that the Aerial Imagery Acquisition phase of the project started this morning. I will send an update with the progress as soon as it is available (*before or by Sunday morning*).

Please do not hesitate to contact me at **any time** if you have questions or comments.

Thank you.



AOI - West

Current conditions at
Greenwood-LeFlore Airport (KGWO)
 Lat: 33.49°N Lon: 90.05°W Elev: 154ft.



Fair
27°F
 -3°C

Humidity 46%
 Wind Speed Vtbl 3 mph
 Barometer 30.53 in (1034.2 mb)
 Dewpoint 9°F (-13°C)
 Visibility 10.00 mi
 Last update 24 Dec 11:53 am CST

More Information:
[Local Forecast Office](#)
[More Local Wx](#)
[3 Day History](#)
[Mobile Weather](#)
[Hourly Weather Forecast](#)

Extended Forecast for
6 Miles SE Silver City MS

[Click here for hazard details and duration](#)

Now until 10:00am Sun	This Afternoon	Tonight	Christmas Day	Sunday Night	Monday	Monday Night	Tuesday	Tuesday Night
 Hard Freeze Warning	 Sunny	 Frost	 Frost then Sunny	 Mostly Clear	 Partly Sunny	 Mostly Clear	 Sunny	 Partly Cloudy
	High: 30 °F	Low: 18 °F	High: 36 °F	Low: 22 °F	High: 45 °F	Low: 24 °F	High: 48 °F	Low: 32 °F

AOI - East

Current conditions at
Columbus/West Point/Starkville, Golden Triangle Regional Airport (KGTR)
 Lat: 33.45°N Lon: 88.58°W Elev: 266ft.



Fair
29°F
 -2°C

Humidity 47%
 Wind Speed NW 9 mph
 Barometer 30.49 in (1033.6 mb)
 Dewpoint 11°F (-12°C)
 Visibility 10.00 mi
 Wind Chill 21°F (-6°C)
 Last update 24 Dec 11:56 am CST

More Information:
[Local Forecast Office](#)
[More Local Wx](#)
[3 Day History](#)
[Mobile Weather](#)
[Hourly Weather Forecast](#)

Extended Forecast for
4 Miles NE Noxapater MS

[Click here for hazard details and duration](#)

Now until 10:00am Sun	This Afternoon	Tonight	Christmas Day	Sunday Night	Monday	Monday Night	Tuesday	Tuesday Night
 Hard Freeze Warning	 Mostly Sunny	 Mostly Clear	 Sunny	 Mostly Clear	 Partly Sunny	 Partly Cloudy	 Sunny	 Partly Cloudy
	High: 29 °F	Low: 17 °F	High: 37 °F	Low: 20 °F	High: 44 °F	Low: 24 °F	High: 48 °F	Low: 30 °F



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From: Cornell Rowan

Sent: Friday, December 23, 2022 11:12 AM

To: Hays Lambert <hlambert@atlasgeodata.com>; Larry Kirkpatrick <lirkpatrick@atlasgeodata.com>; Stephen Champlin <schamplin@mdeq.ms.gov>; Zach Adams <zach.adams@waggonereng.com>; Brian Smith <brian.smith@waggonereng.com>

Cc: John Boeding <johnb@surdex.com>

Subject: RE: Aerial Imagery Acquisition - Status Update

Good Morning,

Ice and snow at the Smyrna, Tennessee Airport has not allowed the crew to leave.



Current conditions at
Smyrna, Smyrna Airport (KMQY)
Lat: 36.01°N Lon: 86.52°W Elev: 545ft

 Mostly Cloudy
4°F
-16°C

Humidity 66%
Wind Speed W 15 G 22 mph
Barometer 30.36 in (1030.1 mb)
Dewpoint -5°F (-21°C)
Visibility 9.00 mi
Wind Chill -14°F (-26°C)
Last update 23 Dec 10:56 am CST

More information:
[Local Forecast Office](#)
[More Local Wx](#)
[3 Day History](#)
[Mobile Weather](#)
[Hourly Weather Forecast](#)

Extended Forecast for
Smyrna TN

 [Click here for hazard details and duration](#)

Today	Tonight	Saturday	Saturday Night	Christmas Day	Sunday Night	Monday	Monday Night
							
High: 10 °F Low: 6 °F	High: 24 °F	High: 9 °F	High: 28 °F	High: 11 °F	High: 34 °F	Low: 22 °F	



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From: Cornell Rowan

Sent: Thursday, December 22, 2022 9:50 PM

To: Hays Lambert <hlambert@atlasgeodata.com>; Larry Kirkpatrick <lirkpatrick@atlasgeodata.com>; Stephen Champlin <schamplin@mdeq.ms.gov>; Zach Adams <zach.adams@waggonereng.com>; Brian Smith <brian.smith@waggonereng.com>

Cc: John Boeding <johnb@surdex.com>

Subject: Aerial Imagery Acquisition - Status Update

Good Evening,

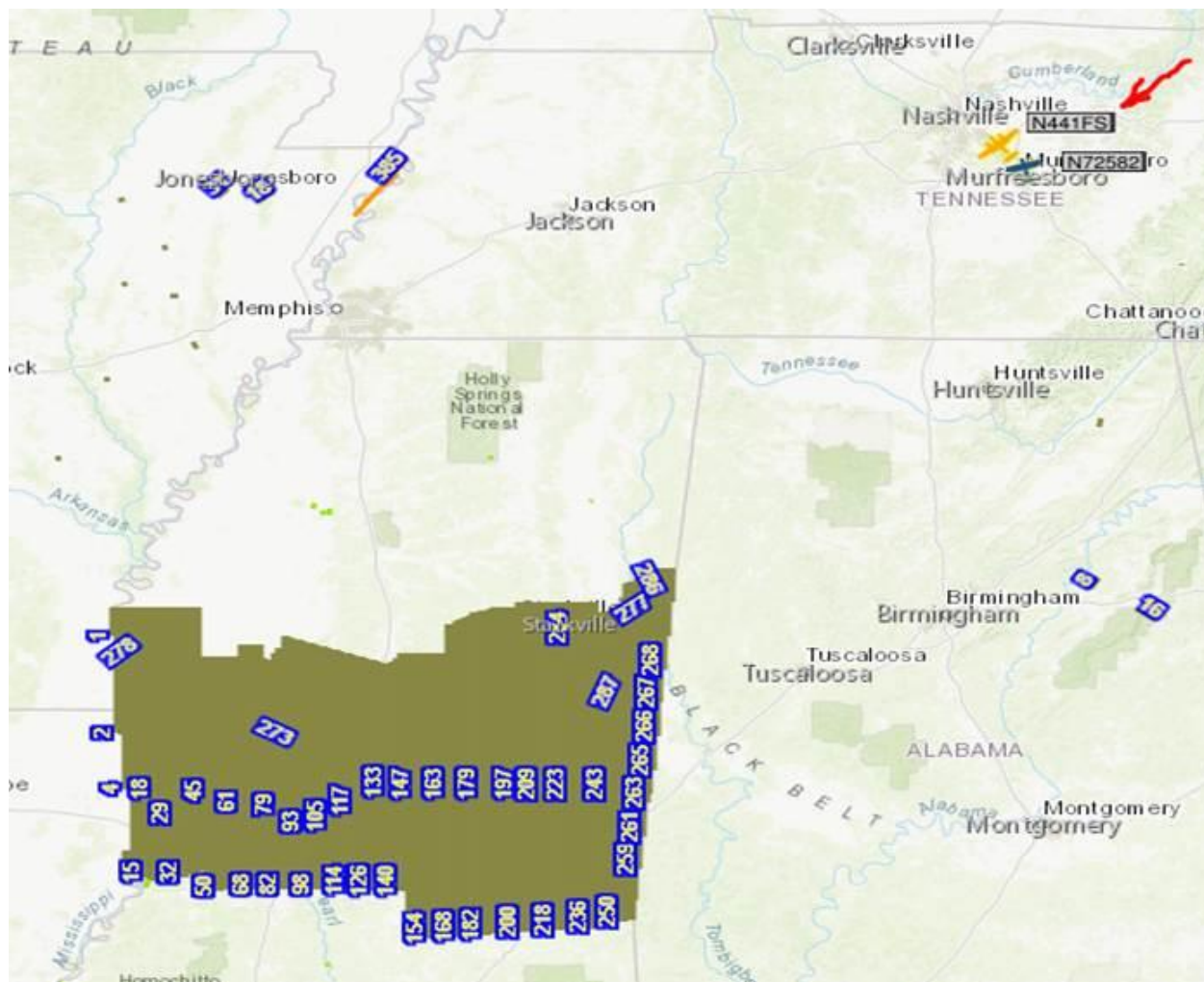
As discussed in the weekly meeting, Surdex has an aircraft (*N441FS*) and crew based at Smyrna Airport in Tennessee to begin the Aerial Imagery Acquisition tomorrow morning at 30° sun angle (**~10:31am – ~01:23pm, ~2.87 hours**).

When the acquisition begins, we will have **12,792** nautical flightline miles to be acquired that will require ~90 online hours (*with one aircraft*) to complete the 6-inch resolution, 25 county area of interest (AOI).

I will send an update with the progress as soon as it is available (*before or by Saturday morning*).

Please do not hesitate to contact me at **any time** if you have questions or comments.

Thank you.



AOI - West

Current conditions at
Jackson, Hawkins Field Airport (KHKS)
 Lat: 32.33°N Lon: 90.22°W Elev: 341ft



Overcast and Breezy
35°F
 2°C

Humidity 82%
 Wind Speed NW 21 G 35 mph
 Barometer 30.12 in (1019.6 mb)
 Dewpoint 30°F (-1°C)
 Visibility 10.00 mi
 Wind Chill 24°F (-4°C)
 Last update 22 Dec 8:53 pm CST

More Information:
[Local Forecast Office](#)
[More Local Wx](#)
[3 Day History](#)
[Mobile Weather](#)
[Hourly Weather Forecast](#)

Extended Forecast for
Tinsley MS

[Click here for hazard details and duration](#)

Time	Forecast	Low	High
NOW until 10:00am Sat	Wind Chill Advisory		
Tonight	Chance Flurries	11°F	23°F
Friday	Sunny	15°F	29°F
Friday Night	Partly Cloudy	18°F	29°F
Saturday	Mostly Sunny	18°F	35°F
Saturday Night	Mostly Clear	20°F	42°F
Christmas Day	Mostly Sunny		
Sunday Night	Mostly Clear		
Monday	Partly Sunny		

AOI - East

Current conditions at
Meridian, Meridian Naval Air Station - McCain Field (KNMM)
 Lat: 32.55°N Lon: 85.56°W Elev: 310ft



Overcast
48°F
 9°C

Humidity 83%
 Wind Speed W 14 G 28 mph
 Barometer 29.95 in (1015.1 mb)
 Dewpoint 43°F (6°C)
 Visibility 10.00 mi
 Wind Chill 42°F (6°C)
 Last update 22 Dec 8:56 pm CST

More Information:
[Local Forecast Office](#)
[More Local Wx](#)
[3 Day History](#)
[Mobile Weather](#)
[Hourly Weather Forecast](#)

Extended Forecast for
5 Miles ENE Philadelphia MS

[Click here for hazard details and duration](#)

Time	Forecast	Low	High
NOW until 10:00am Sat	20% Wind Chill Advisory		
Tonight	20% Slight Chance Rain/Snow then Mostly Clear	9°F	23°F
Friday	Sunny	12°F	29°F
Friday Night	Partly Cloudy	16°F	29°F
Saturday	Mostly Sunny	16°F	36°F
Saturday Night	Mostly Clear	18°F	41°F
Christmas Day	Sunny		
Sunday Night	Mostly Clear		
Monday	Partly Sunny		



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From: Cornell Rowan

Sent: Sunday, December 18, 2022 4:11 PM

To: Hays Lambert <hlambert@atlasgeodata.com>

Cc: Larry Kirkpatrick <kirkpatrick@atlasgeodata.com>; Stephen Champlin <schamplin@mdeq.ms.gov>; Zach Adams <zach.adams@waggonereng.com>; Brian Smith <brian.smith@waggonereng.com>; John Boeding <johnb@surdex.com>

Subject: Re: Aerial Imagery Acquisition - Status Update

Thank you,



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On Dec 17, 2022, at 10:04 AM, Hays Lambert <hlambert@atlasgeodata.com> wrote:

Cornell,

After studying the pictures closer, Larry and I both agree that we made the right decision on standing down tomorrow (regardless of water) as there are still a little too many leaves.

The Leaf problem should be gone by later next week, but we will need to keep a close eye on the water.

Thanks again for your update.

Hays

From: Cornell Rowan

Sent: Friday, December 16, 2022 6:14 PM

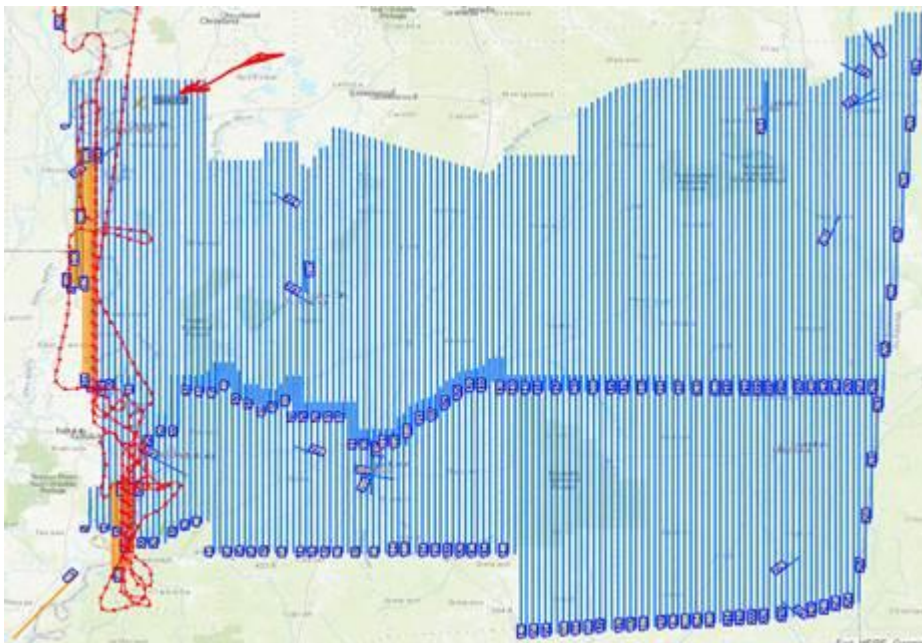
To: Hays Lambert <hlambert@atlasgeodata.com>; Larry Kirkpatrick <lkirkpatrick@atlasgeodata.com>; Stephen Champlin <schamplin@mdeq.ms.gov>; Zach Adams <zach.adams@waggonereng.com>; Brian Smith <brian.smith@waggonereng.com>

Cc: John Boeding <johnb@surdex.com>

Subject: RE: Aerial Imagery Acquisition - Status Update

Hi Hays,

Surdex has a crew just north of Greenville and they sent the attached pictures and the text show below. Let me know what you think about the conditions.



From: The Crew

Leaves don't look too bad, but lots of water in the fields.

The rural areas have fewer leaves compared to in town. The aerial shot is from the ferry flight down just NE of Greenville.



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From: Cornell Rowan

Sent: Friday, December 16, 2022 2:36 PM

To: Hays Lambert <hlambert@atlasgeodata.com>; Larry Kirkpatrick <lkirkpatrick@atlasgeodata.com>; Stephen Champlin <schamplin@mdeq.ms.gov>; Zach Adams <zach.adams@waggonereng.com>; Brian Smith <brian.smith@waggonereng.com>

Cc: John Boeding <johnb@surdex.com>

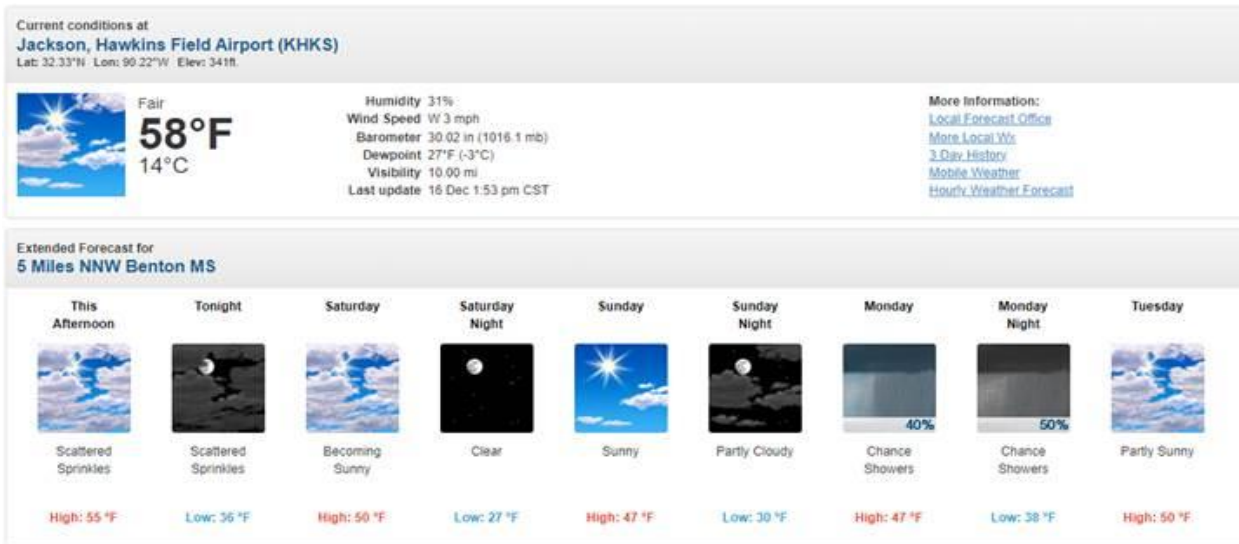
Subject: Aerial Imagery Acquisition - Status Update

Good Afternoon,

I just spoke with Hays, and we have agreed to wait until after the weekend freeze before beginning the **Aerial Imagery Acquisition** phase of the project. Hays will be in Mississippi early next week and will send a first-hand update of the leaf conditions.

Referencing the 5-day weather forecast shown below, Sunday is the only favorable day, but we do not know if the trees are bare. As a result, waiting until the next favorable day(s) may be the best decision.

AOI - West



AOI - East

